

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060420\
 Data File : VY002841.D
 Acq On : 04 Jun 2020 16:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 19:57:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	352851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	522625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	479251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	251050	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	147132	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
35) Dibromofluoromethane	7.72	113	154246	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
50) Toluene-d8	10.18	98	586248	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.48	95	208742	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	103051	42.444	ug/l	97
3) Chloromethane	2.12	50	116760	43.478	ug/l	97
4) Vinyl Chloride	2.26	62	130897	46.115	ug/l	100
5) Bromomethane	2.66	94	99051	46.565	ug/l	100
6) Chloroethane	2.80	64	88934	48.332	ug/l	99
7) Trichlorofluoromethane	3.13	101	238783	47.498	ug/l	96
8) Diethyl Ether	3.54	74	89970	45.833	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	152968	51.248	ug/l	100
10) Methyl Iodide	4.10	142	209800	50.232	ug/l	99
11) Tert butyl alcohol	4.97	59	72259	217.796	ug/l	100
12) 1,1-Dichloroethene	3.88	96	148497	49.470	ug/l	98
13) Acrolein	3.74	56	90330	251.592	ug/l	99
14) Allyl chloride	4.49	41	225731	52.432	ug/l	98
15) Acrylonitrile	5.18	53	217751	245.889	ug/l	100
16) Acetone	3.96	43	176718	245.986	ug/l	99
17) Carbon Disulfide	4.20	76	414542	45.700	ug/l	98
18) Methyl Acetate	4.48	43	92130	51.130	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	412541	49.782	ug/l	98
20) Methylene Chloride	4.72	84	178607	50.874	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	164783	48.813	ug/l	94
22) Diisopropyl ether	6.13	45	470945	52.640	ug/l	98
23) Vinyl Acetate	6.07	43	1565287	265.003	ug/l	98
24) 1,1-Dichloroethane	6.02	63	271220	51.824	ug/l	98
25) 2-Butanone	6.99	43	270985	242.107	ug/l	98
26) 2,2-Dichloropropane	6.99	77	239031	47.623	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	187221	49.542	ug/l	99
28) Bromochloromethane	7.34	49	114927	53.494	ug/l	97
29) Tetrahydrofuran	7.35	42	177624	243.974	ug/l	99
30) Chloroform	7.51	83	283591	51.066	ug/l	94
31) Cyclohexane	7.79	56	240837	46.350	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	251859	48.668	ug/l	100
36) 1,1-Dichloropropene	7.92	75	215400	48.927	ug/l	100
37) Ethyl Acetate	7.08	43	120700	50.391	ug/l	100
38) Carbon Tetrachloride	7.91	117	234327	47.913	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060420\
 Data File : VY002841.D
 Acq On : 04 Jun 2020 16:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 19:57:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	276476	47.645	ug/l	97
40) Benzene	8.16	78	639651	49.172	ug/l	99
41) Methacrylonitrile	7.32	41	67512m	52.465	ug/l	
42) 1,2-Dichloroethane	8.24	62	176151	48.318	ug/l	99
43) Isopropyl Acetate	8.28	43	226526	49.906	ug/l	100
44) Trichloroethene	8.94	130	197099	47.968	ug/l	98
45) 1,2-Dichloropropane	9.22	63	158304	50.746	ug/l	100
46) Dibromomethane	9.31	93	92341	49.842	ug/l	98
47) Bromodichloromethane	9.50	83	222906	51.036	ug/l	99
48) Methyl methacrylate	9.29	41	101742	49.653	ug/l	99
49) 1,4-Dioxane	9.30	88	25895	910.290	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	593733	247.024	ug/l	99
52) Toluene	10.24	92	414442	48.702	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	235524	49.371	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	273016	50.507	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	138672	48.891	ug/l	97
56) Ethyl methacrylate	10.51	69	192264	50.609	ug/l	99
57) 1,3-Dichloropropane	10.79	76	229684	49.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	473980	255.333	ug/l	99
59) 2-Hexanone	10.83	43	419192	245.806	ug/l	100
60) Dibromochloromethane	10.99	129	178281	49.578	ug/l	100
61) 1,2-Dibromoethane	11.09	107	136906	48.931	ug/l	100
64) Tetrachloroethene	10.72	164	201987	46.373	ug/l	99
65) Chlorobenzene	11.52	112	467036	49.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	177721	49.816	ug/l	98
67) Ethyl Benzene	11.59	91	805367	49.043	ug/l	100
68) m/p-Xylenes	11.70	106	624567	98.095	ug/l	99
69) o-Xylene	12.03	106	295024	49.084	ug/l	98
70) Styrene	12.05	104	517518	49.668	ug/l	100
71) Bromoform	12.20	173	117195	49.095	ug/l #	100
73) Isopropylbenzene	12.33	105	804875	50.029	ug/l	100
74) N-amyl acetate	12.14	43	213926	51.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	148995	52.783	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	116919m	51.685	ug/l	
77) Bromobenzene	12.61	156	208109	49.678	ug/l	98
78) n-propylbenzene	12.67	91	932825	50.195	ug/l	100
79) 2-Chlorotoluene	12.75	91	521978	50.072	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	669271	49.823	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	60379	50.286	ug/l	99
82) 4-Chlorotoluene	12.85	91	548416	50.212	ug/l	99
83) tert-Butylbenzene	13.08	119	598472	49.946	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	673767	49.883	ug/l	100
85) sec-Butylbenzene	13.25	105	816483	49.835	ug/l	100
86) p-Isopropyltoluene	13.37	119	764036	50.117	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	391149	49.293	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	393160	49.530	ug/l	99
89) n-Butylbenzene	13.70	91	694787	50.198	ug/l	100
90) Hexachloroethane	13.96	117	145435	50.958	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	358824	49.862	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26791	49.331	ug/l	97

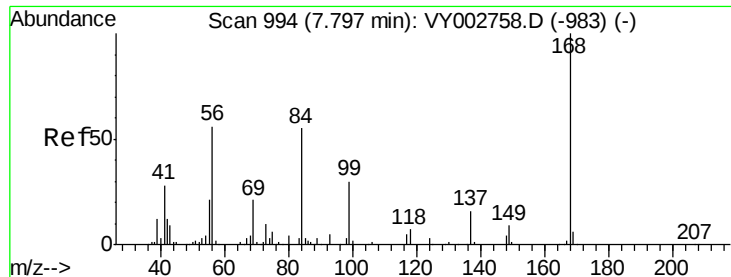
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060420\
Data File : VY002841.D
Acq On : 04 Jun 2020 16:18
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 04 19:57:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	266027	49.044	ug/l	100
94) Hexachlorobutadiene	15.11	225	153409	49.864	ug/l	99
95) Naphthalene	15.23	128	526282	48.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	237755	49.084	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

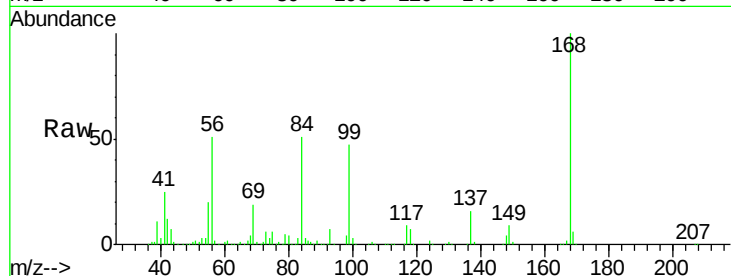
VSTDCCC050EC

Tot Ion:168 Resp: 352851

Ion Ratio Lower Upper

168 100

99 47.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

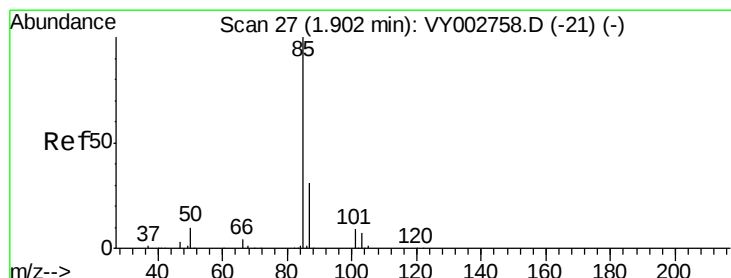
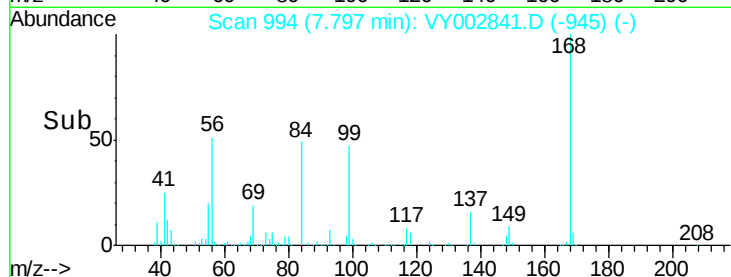
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.444 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002841.D

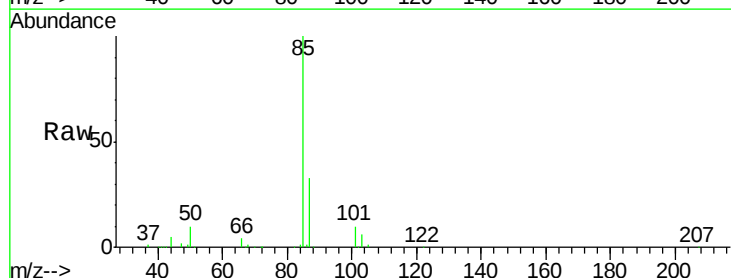
Acq: 04 Jun 2020 16:18

Tgt Ion: 85 Resp: 103051

Ion Ratio Lower Upper

85 100

87 32.6 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

80000

60000

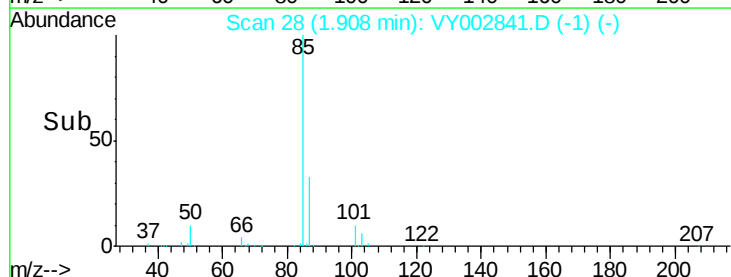
40000

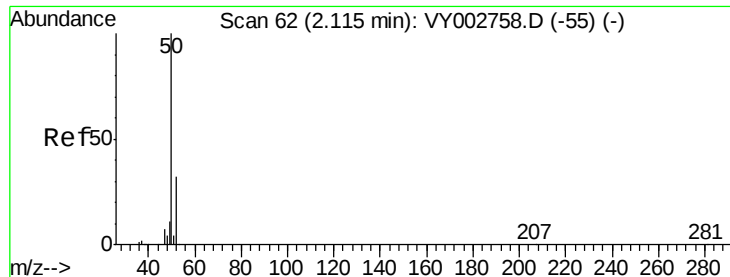
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.478 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

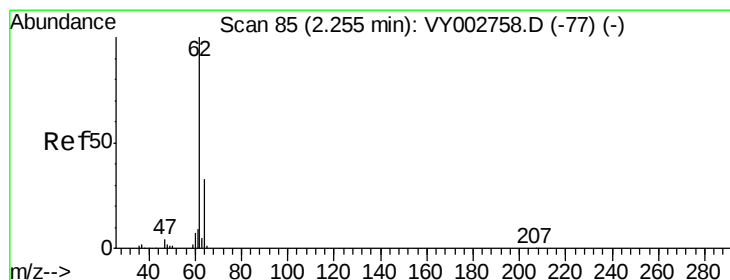
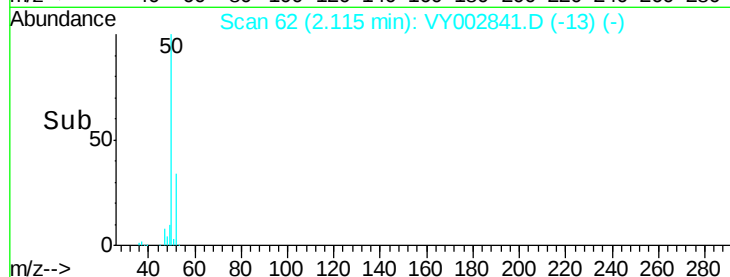
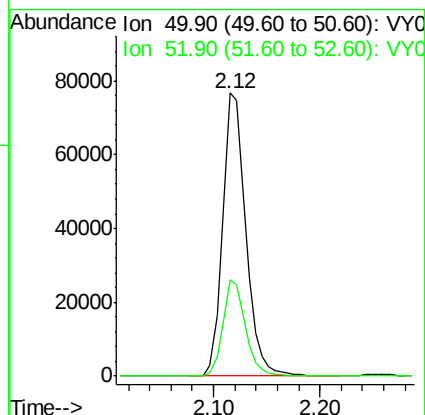
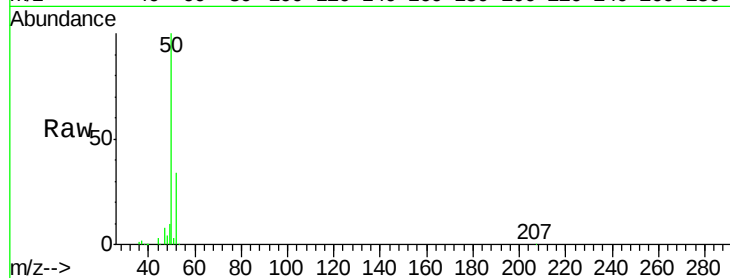
VSTDCCC050EC

Tot Ion: 50 Resp: 116760

Ion Ratio Lower Upper

50 100

52 33.9 25.8 38.6



#4

Vinyl Chloride

Concen: 46.115 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002841.D

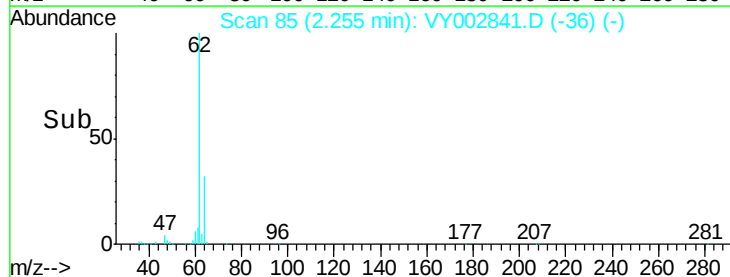
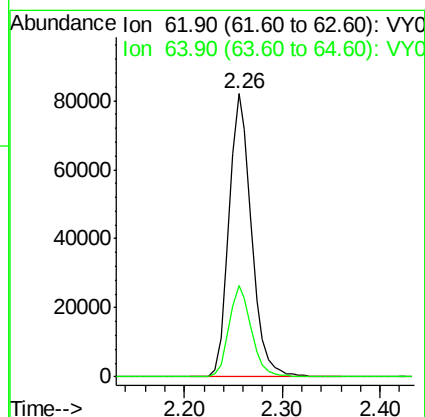
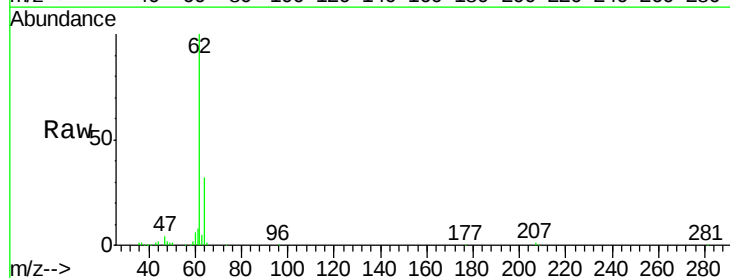
Acq: 04 Jun 2020 16:18

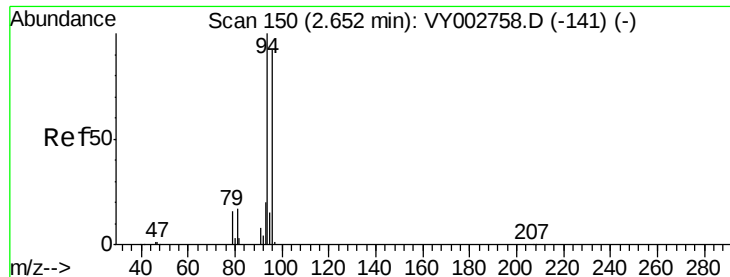
Tgt Ion: 62 Resp: 130897

Ion Ratio Lower Upper

62 100

64 32.3 26.1 39.1





#5

Bromomethane

Concen: 46.565 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

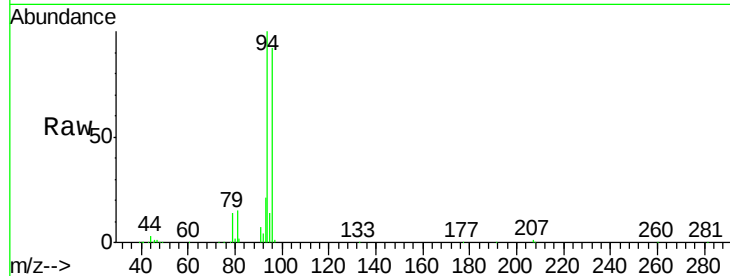
VSTDCCC050EC

Tot Ion: 94 Resp: 99051

Ion Ratio Lower Upper

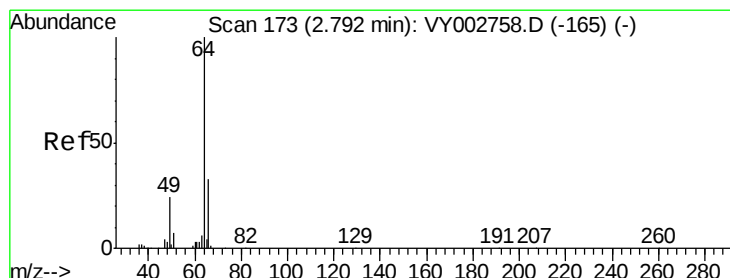
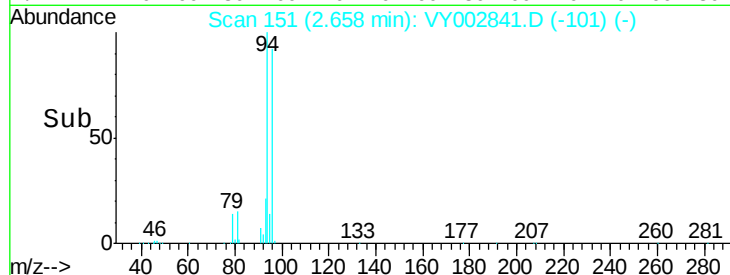
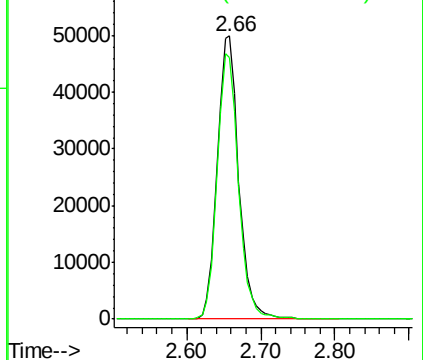
94 100

96 92.4 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.332 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002841.D

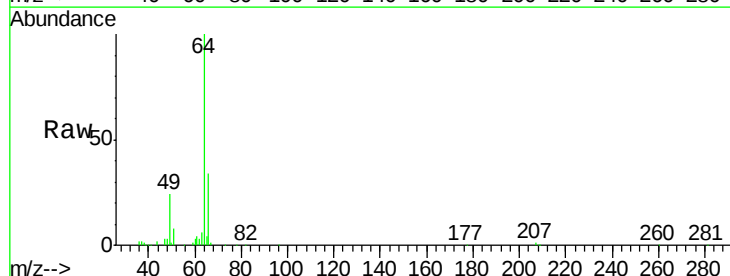
Acq: 04 Jun 2020 16:18

Tgt Ion: 64 Resp: 88934

Ion Ratio Lower Upper

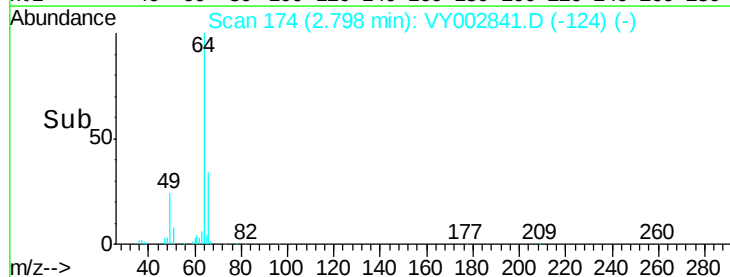
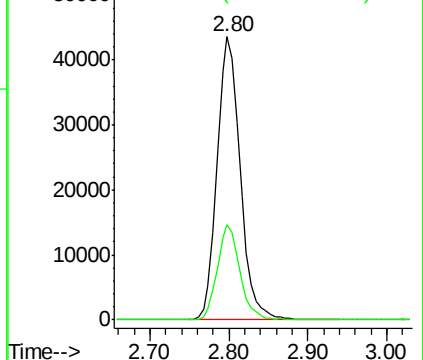
64 100

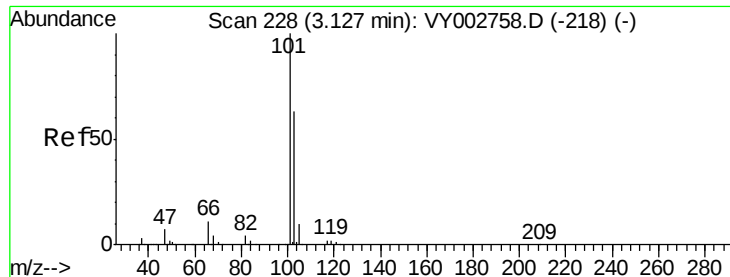
66 33.6 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



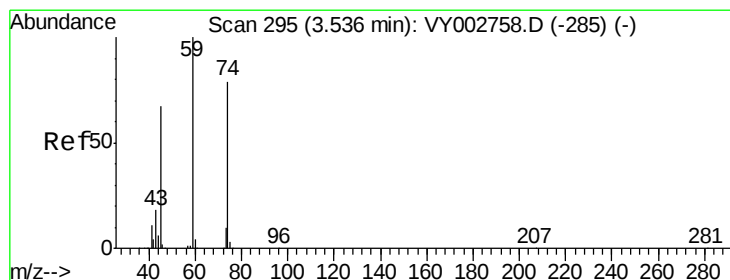
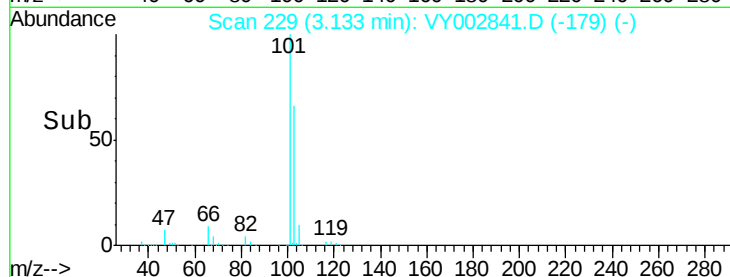
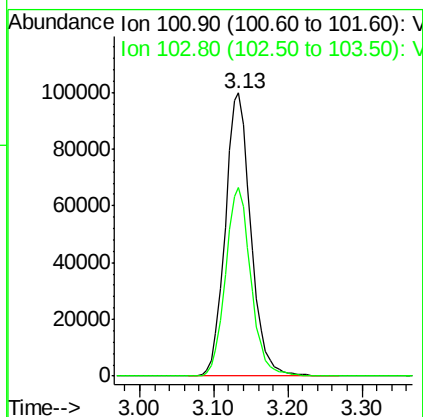
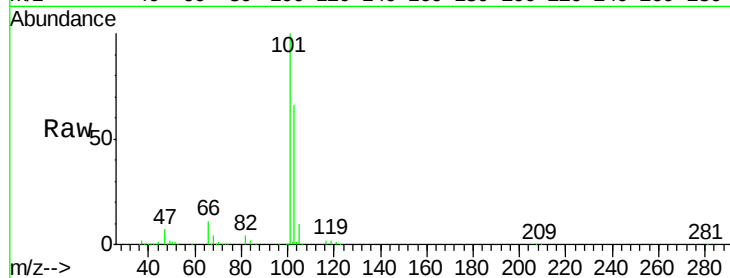


#7

Trichlorofluoromethane
Concen: 47.498 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

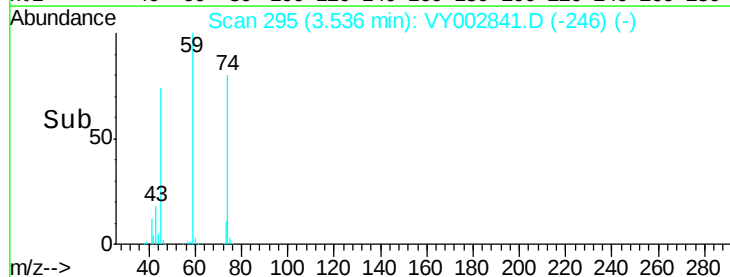
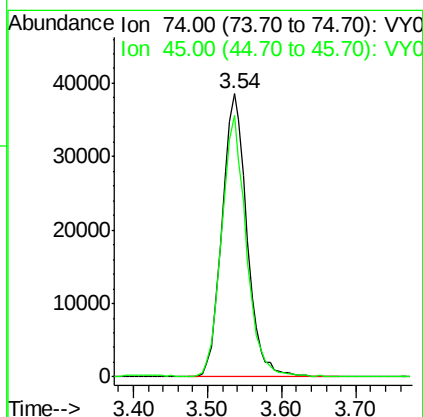
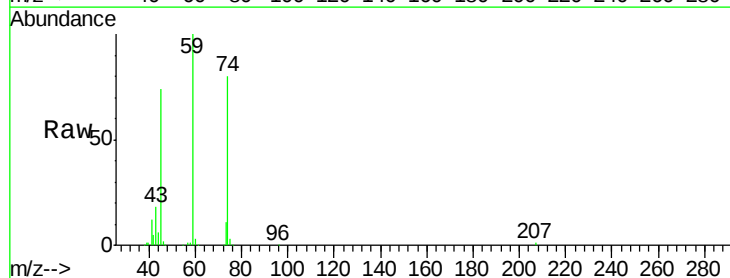
Tot Ion:101 Resp: 238783
Ion Ratio Lower Upper
101 100
103 66.5 50.6 76.0

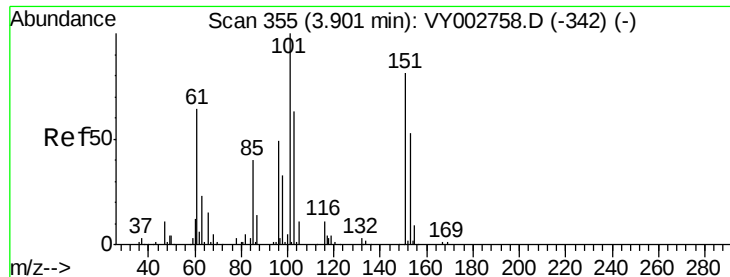


#8

Diethyl Ether
Concen: 45.833 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 74 Resp: 89970
Ion Ratio Lower Upper
74 100
45 90.4 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.248 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

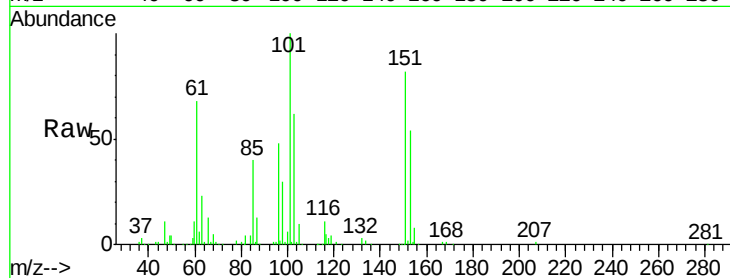
Tot Ion:101 Resp: 152968

Ion Ratio Lower Upper

101 100

85 41.0 32.7 49.1

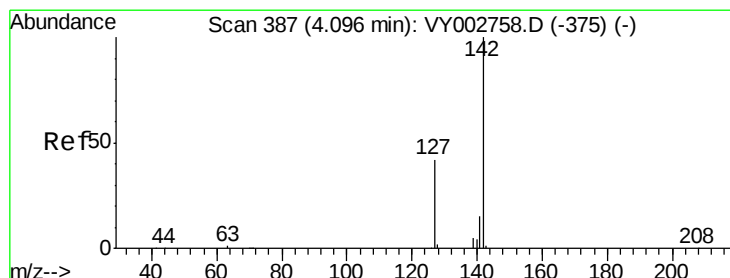
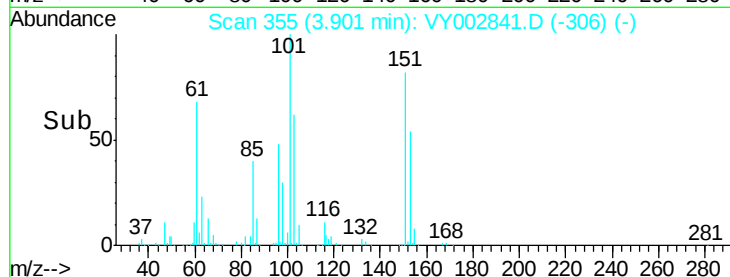
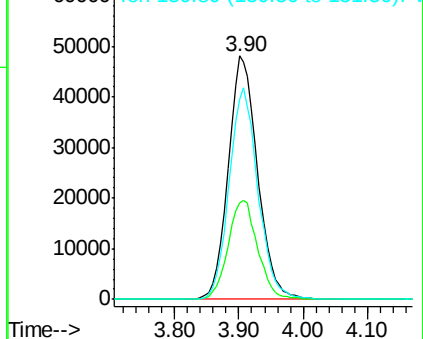
151 85.6 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.232 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

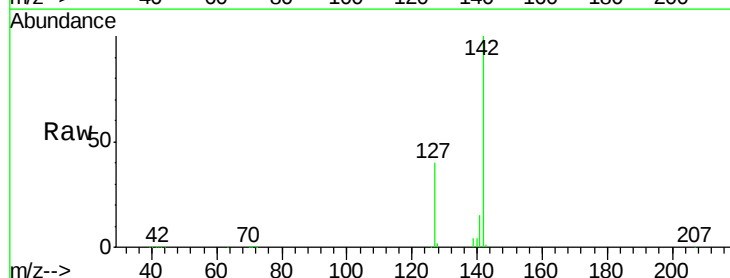
Tgt Ion:142 Resp: 209800

Ion Ratio Lower Upper

142 100

127 40.8 33.3 49.9

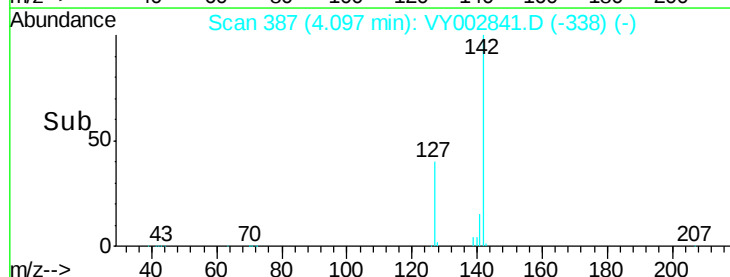
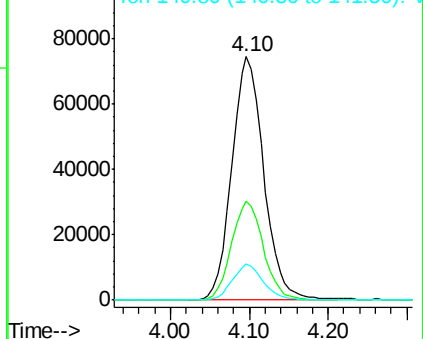
141 14.4 11.5 17.3

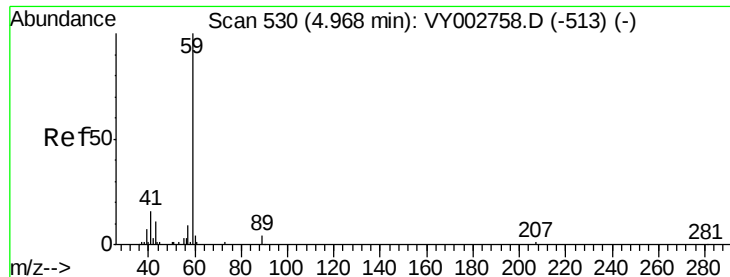


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

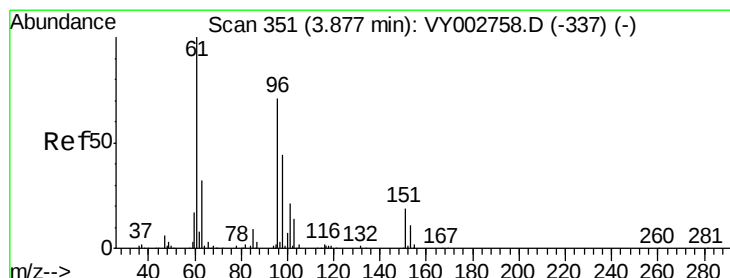
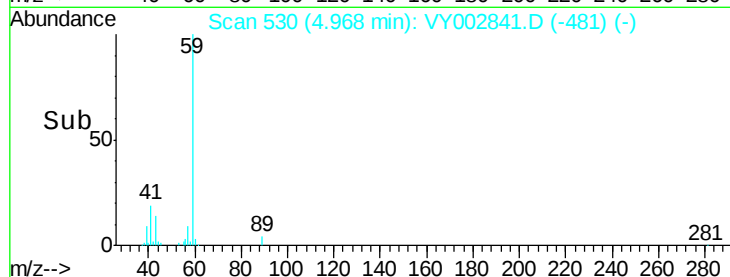
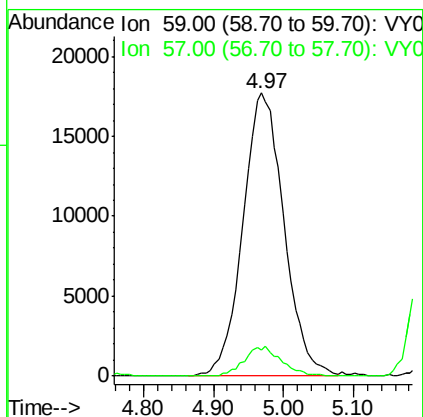
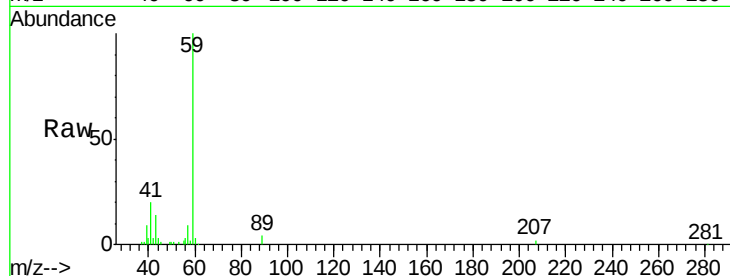




#11
Tert butyl alcohol
Concen: 217.796 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

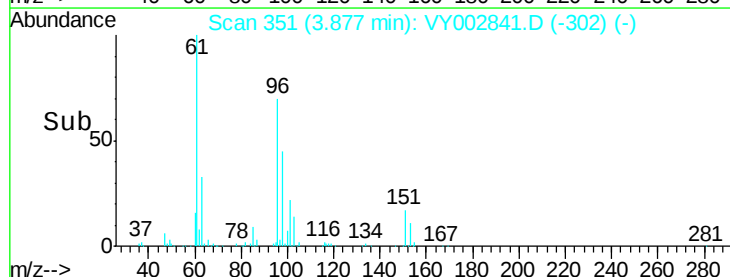
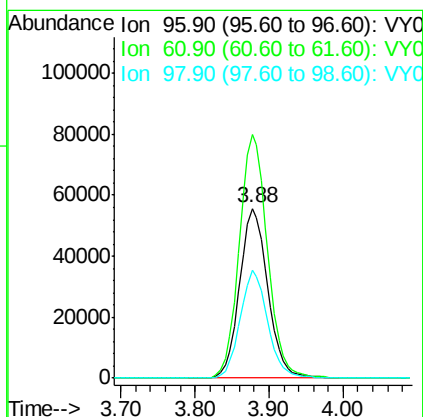
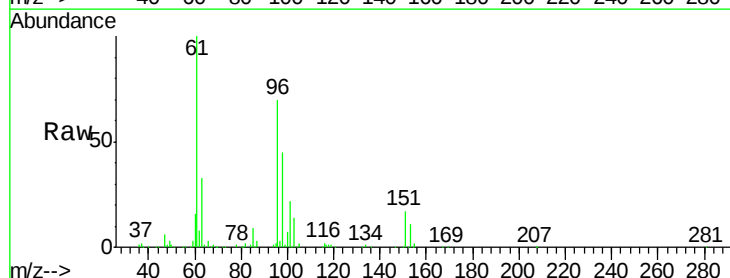
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

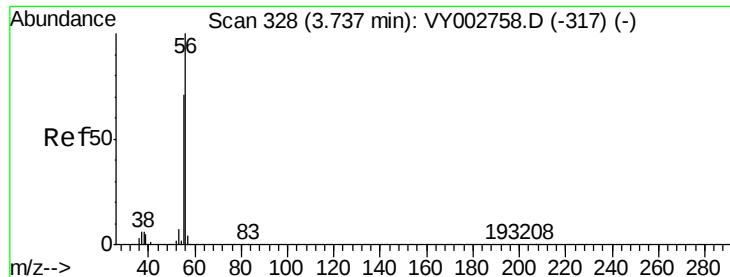
Tot Ion: 59 Resp: 72259
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.470 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 96 Resp: 148497
Ion Ratio Lower Upper
96 100
61 143.2 112.6 168.8
98 63.9 50.0 75.0





#13

Acrolein

Concen: 251.592 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

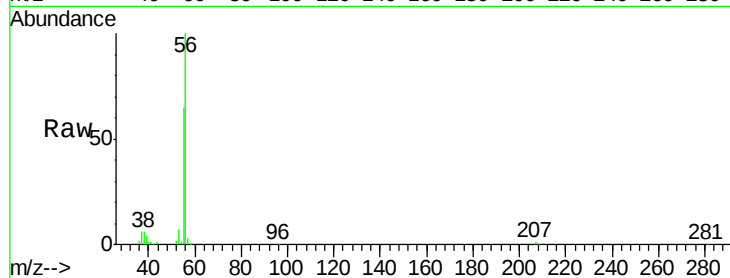
VSTDCCC050EC

Tot Ion: 56 Resp: 90330

Ion Ratio Lower Upper

56 100

55 69.3 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY002841.D (-279) (-)

Ion 55.00 (54.70 to 55.70): VY002841.D (-279) (-)

3.74

40000

30000

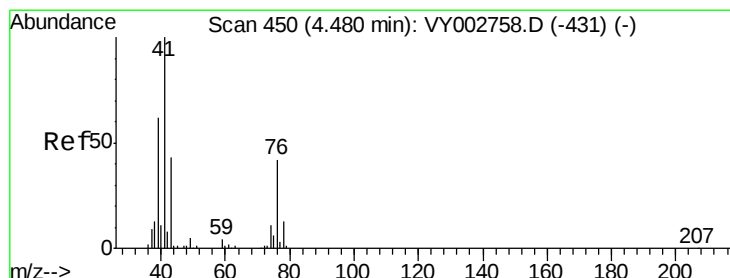
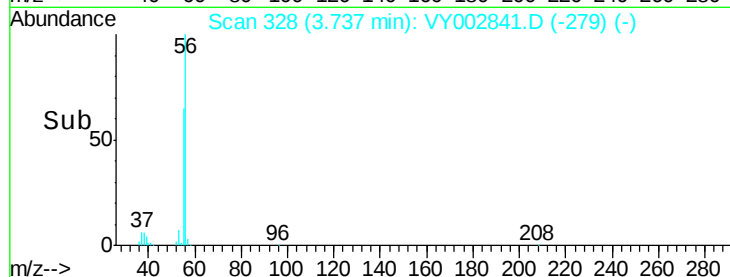
20000

10000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 52.432 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

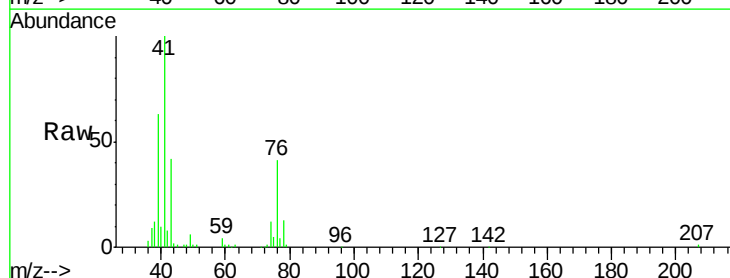
Tgt Ion: 41 Resp: 225731

Ion Ratio Lower Upper

41 100

39 60.7 49.9 74.9

76 39.7 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY002841.D (-401) (-)

Ion 39.00 (38.70 to 39.70): VY002841.D (-401) (-)

Ion 75.90 (75.60 to 76.60): VY002841.D (-401) (-)

4.49

100000

80000

60000

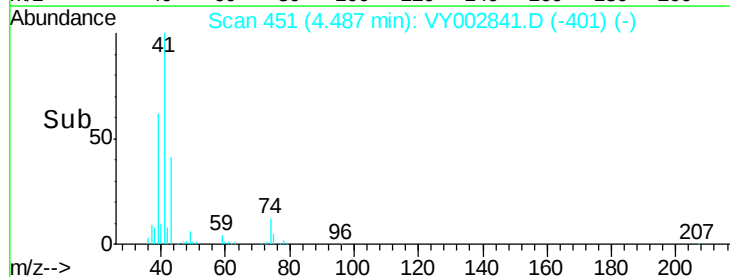
40000

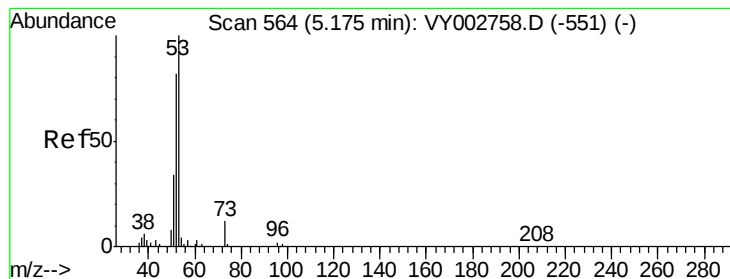
20000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 245.889 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

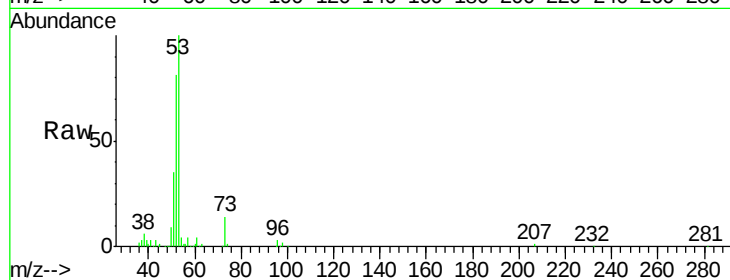
Tot Ion: 53 Resp: 217751

Ion Ratio Lower Upper

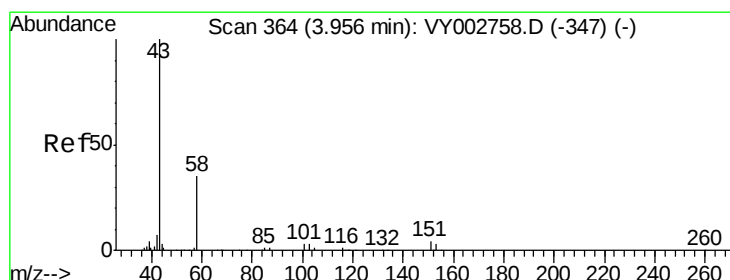
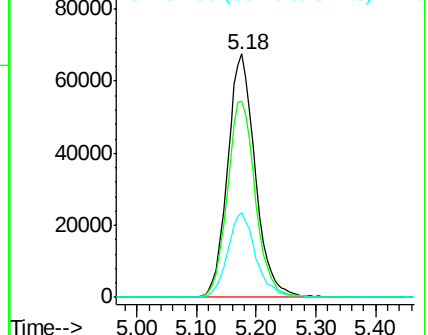
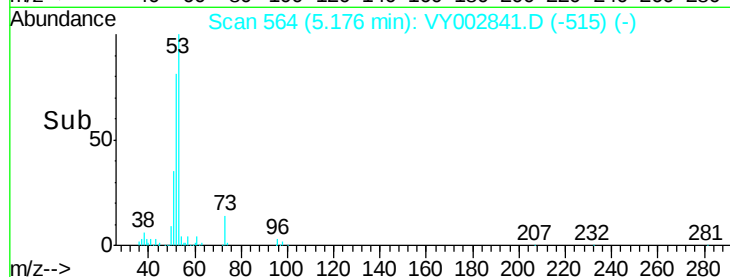
53 100

52 81.6 65.3 97.9

51 35.3 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002841.D (-515) (-)



#16

Acetone

Concen: 245.986 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002841.D

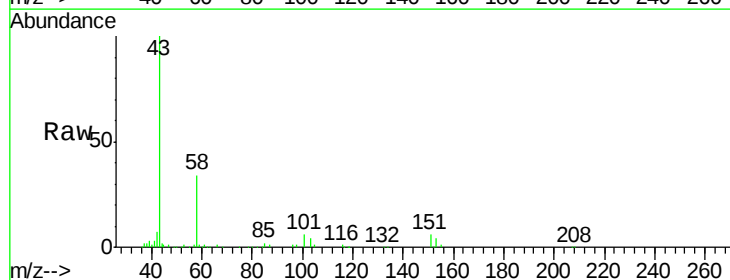
Acq: 04 Jun 2020 16:18

Tgt Ion: 43 Resp: 176718

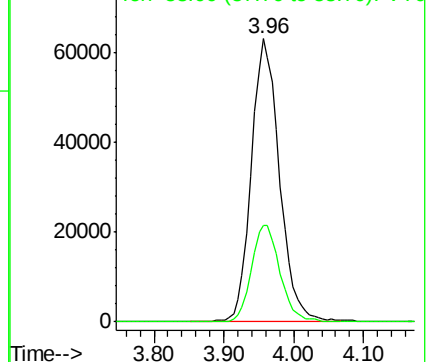
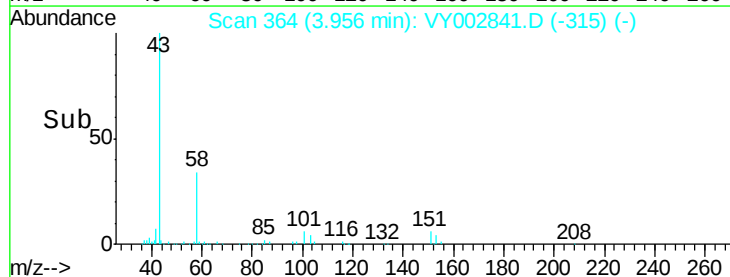
Ion Ratio Lower Upper

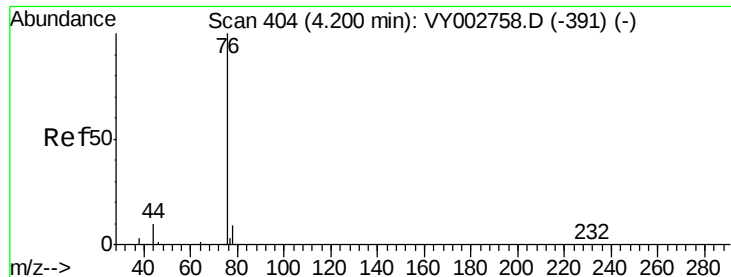
43 100

58 34.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002841.D (-315) (-)

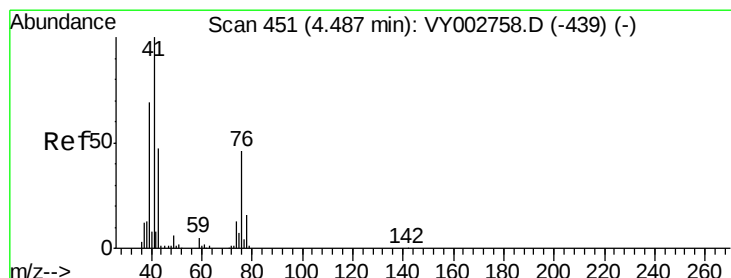
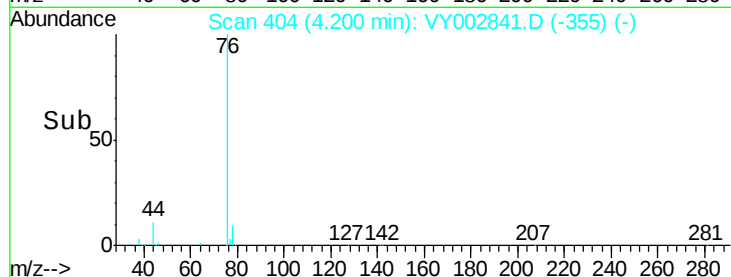
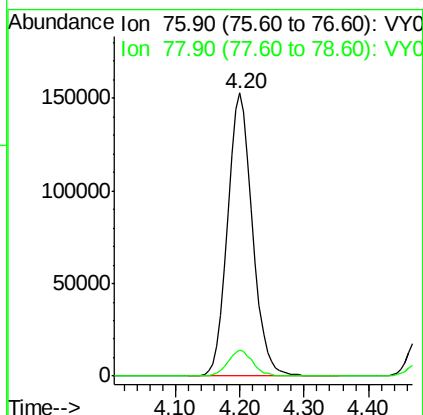
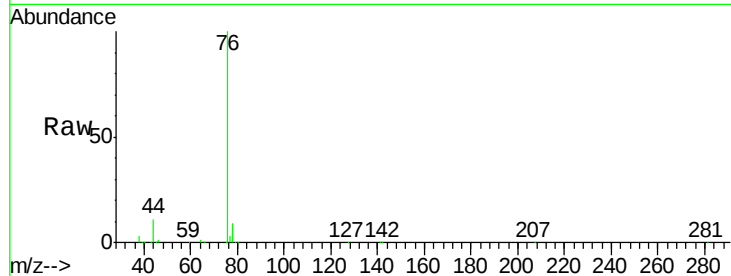




#17
Carbon Disulfide
Concen: 45.700 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

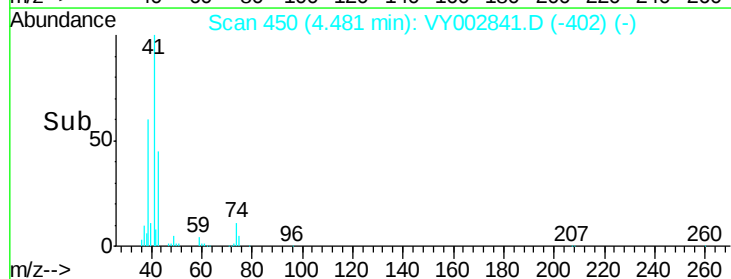
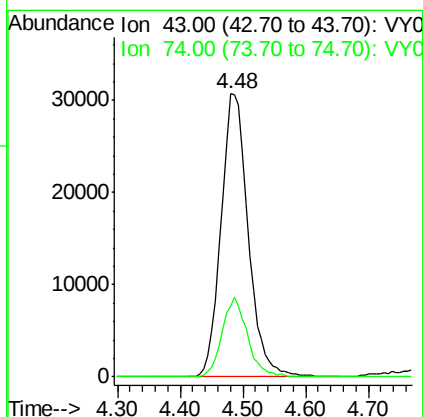
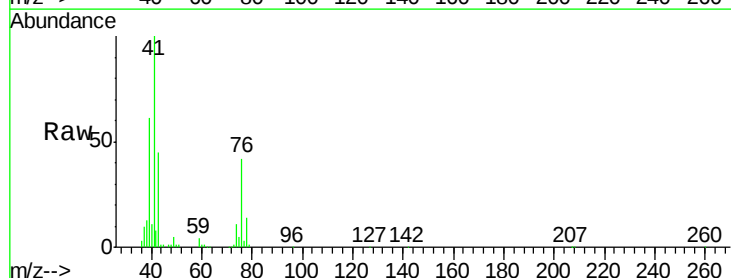
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

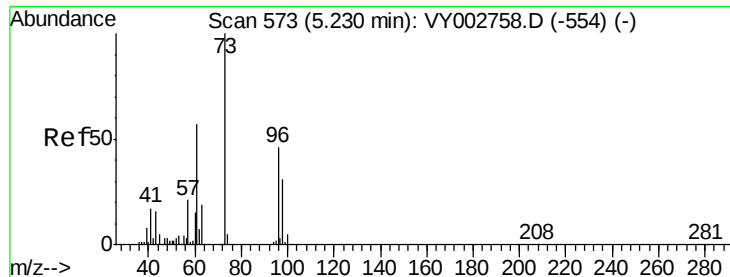
Tot Ion: 76 Resp: 414542
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 51.130 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 43 Resp: 92130
Ion Ratio Lower Upper
43 100
74 26.2 21.4 32.0

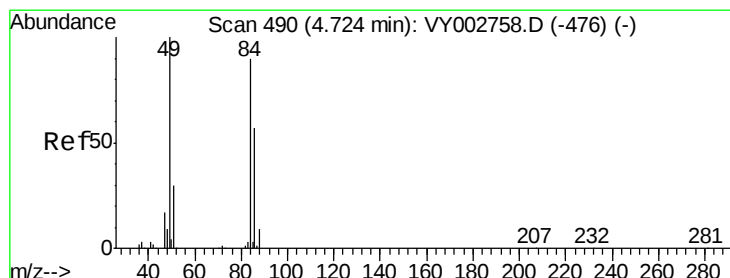
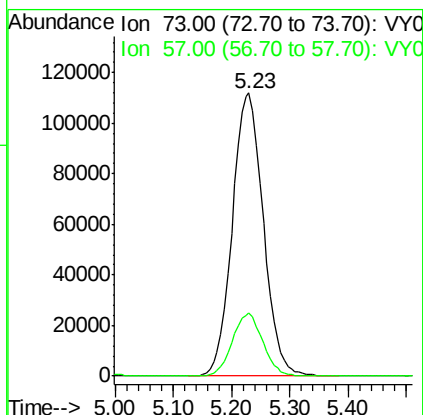
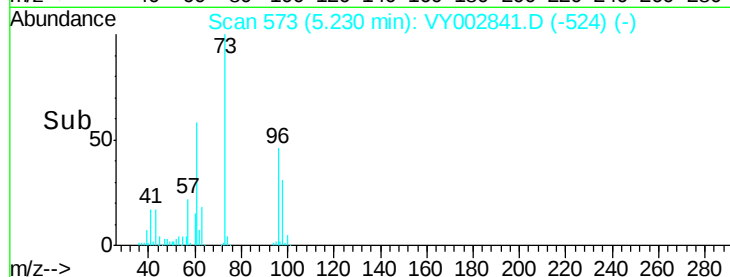
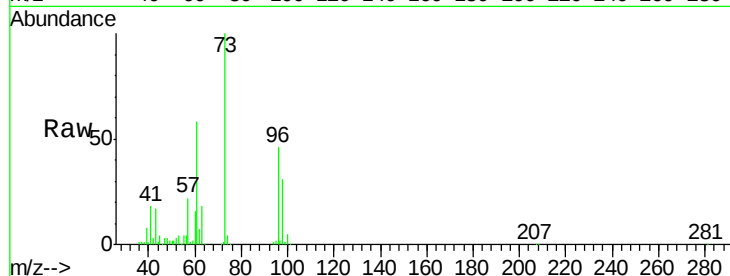




#19
Methvl tert-butvl Ether
Concen: 49.782 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

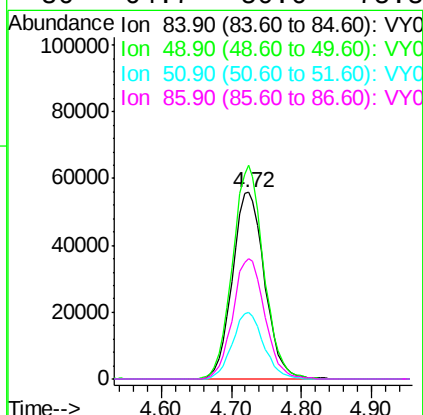
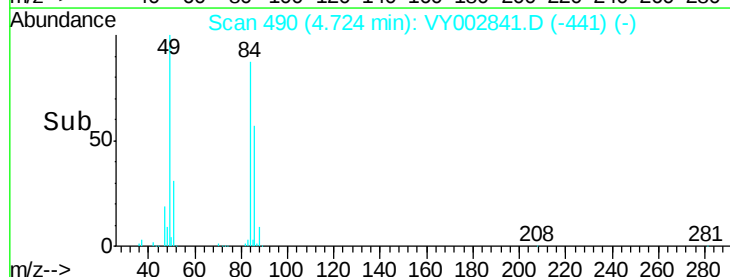
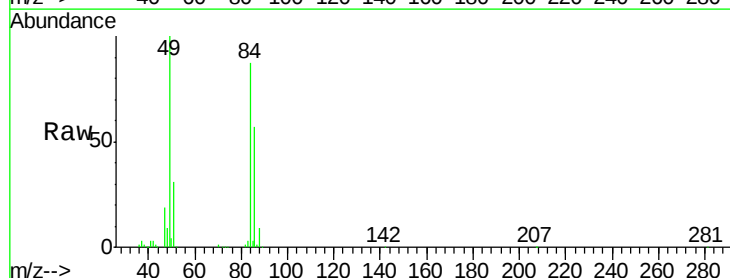
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

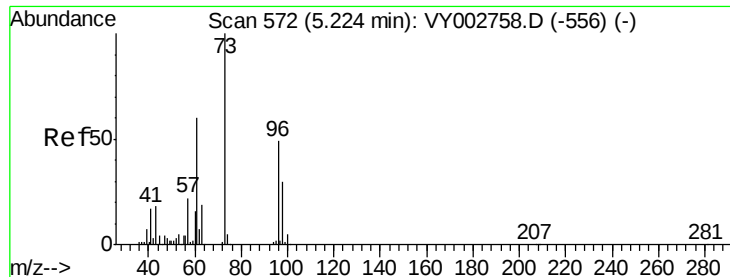
Tot Ion: 73 Resp: 412541
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.4



#20
Methylene Chloride
Concen: 50.874 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 84 Resp: 178607
Ion Ratio Lower Upper
84 100
49 114.4 88.5 132.7
51 35.5 26.8 40.2
86 64.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.813 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

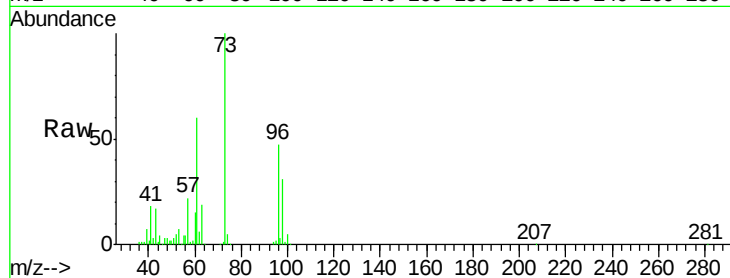
Tot Ion: 96 Resp: 164783

Ion Ratio Lower Upper

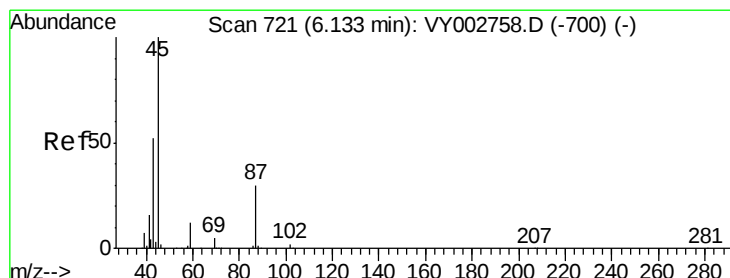
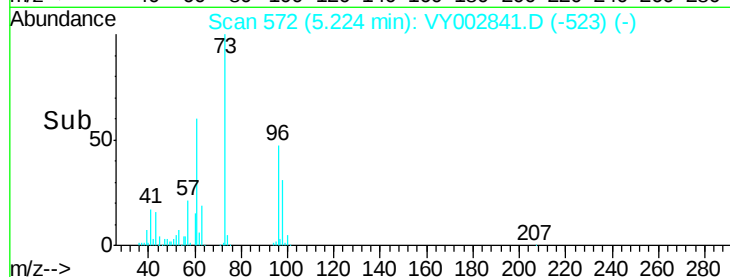
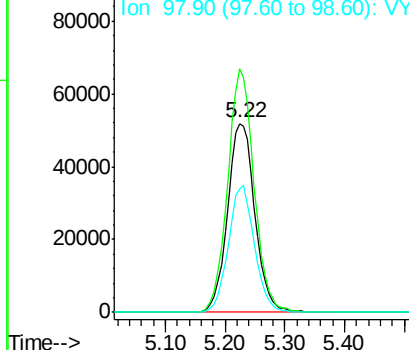
96 100

61 128.8 96.8 145.2

98 65.1 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 52.640 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Tgt Ion: 45 Resp: 470945

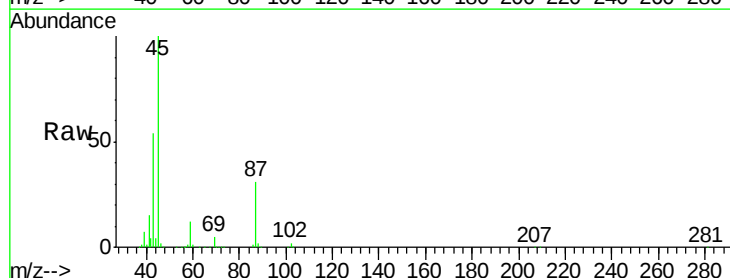
Ion Ratio Lower Upper

45 100

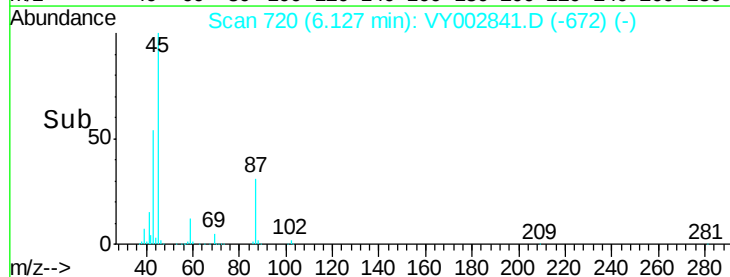
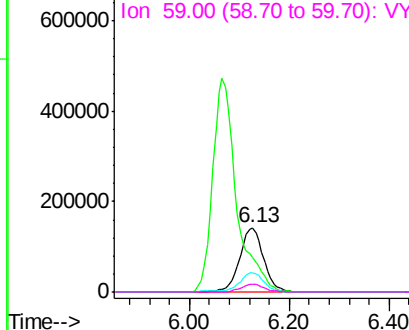
43 53.9 41.7 62.5

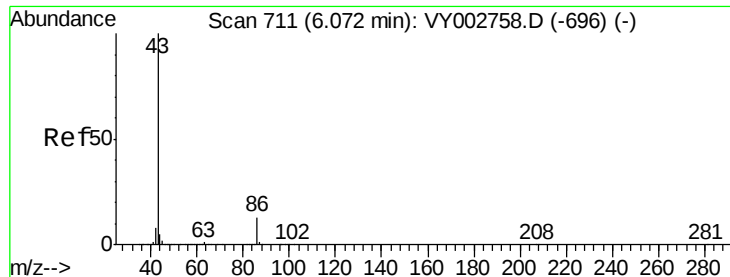
87 30.5 24.2 36.2

59 12.2 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 265.003 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

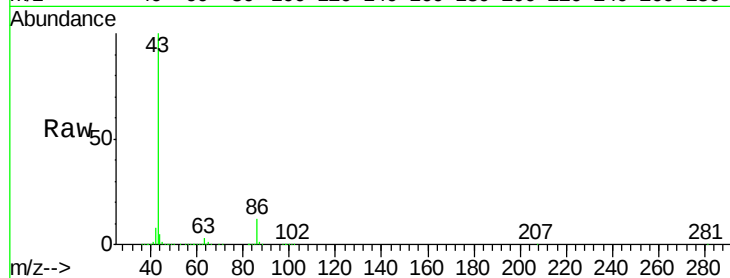
VSTDCCC050EC

Tot Ion: 43 Resp: 1565287

Ion Ratio Lower Upper

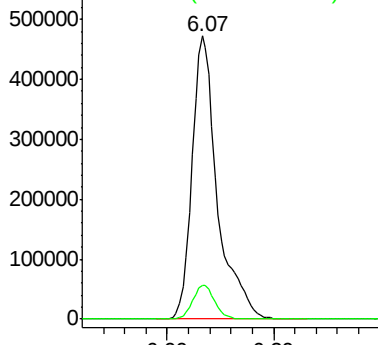
43 100

86 12.0 10.2 15.2

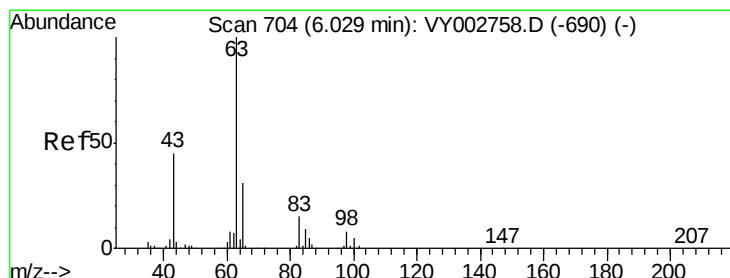
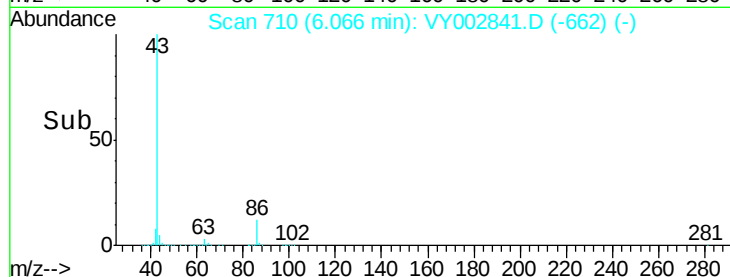


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 51.824 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

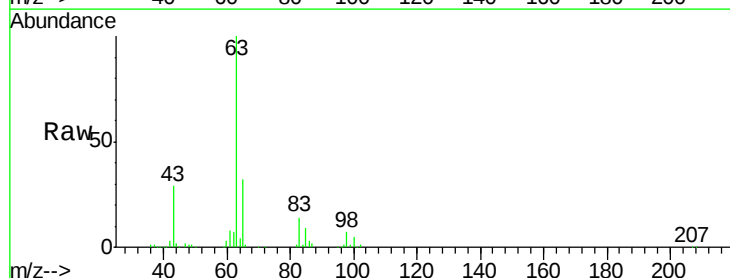
Tgt Ion: 63 Resp: 271220

Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.2

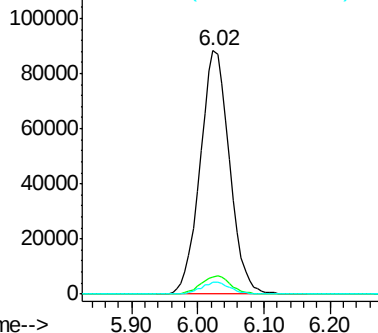
100 5.0 2.4 7.1



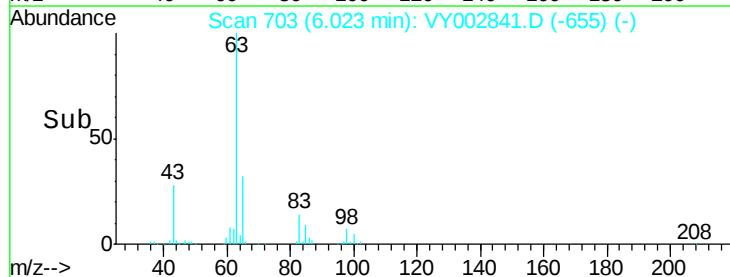
Abundance Ion 62.90 (62.60 to 63.60): VY0

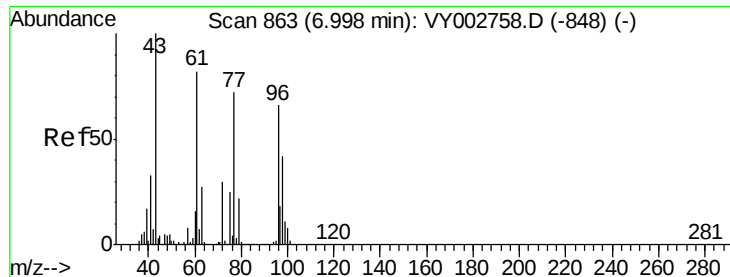
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 242.107 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

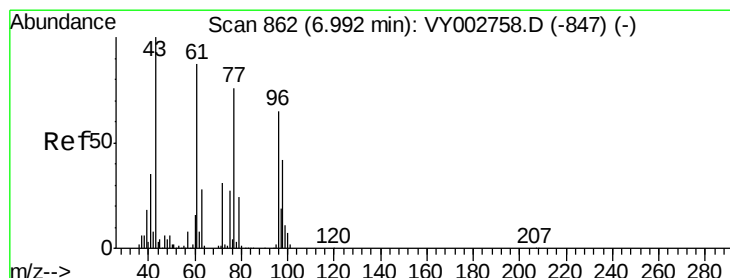
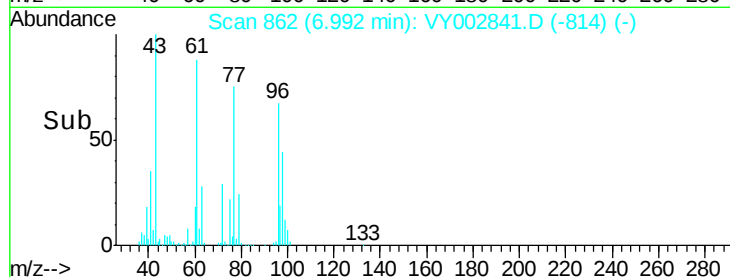
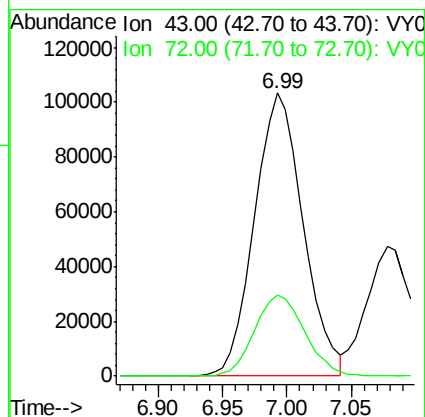
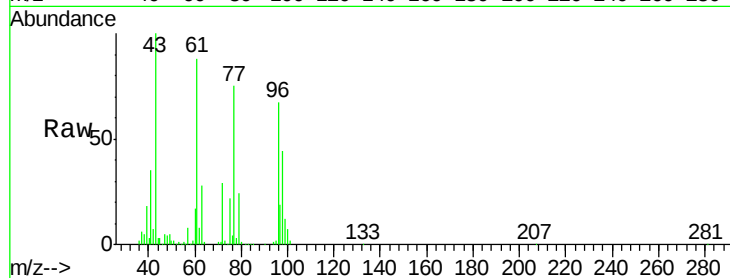
VSTDCCC050EC

Tot Ion: 43 Resp: 270985

Ion Ratio Lower Upper

43 100

72 28.7 23.9 35.9



#26

2,2-Dichloropropane

Concen: 47.623 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002841.D

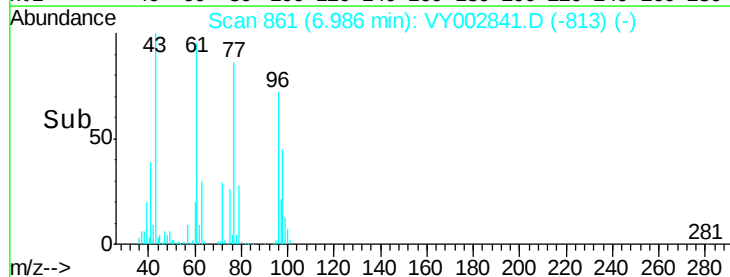
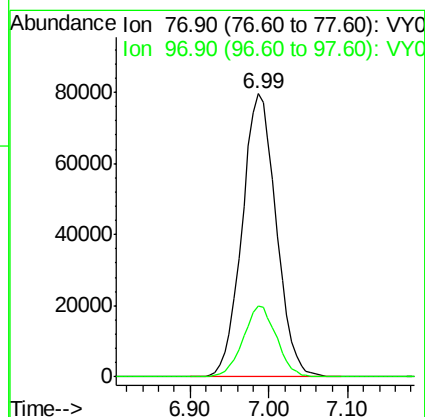
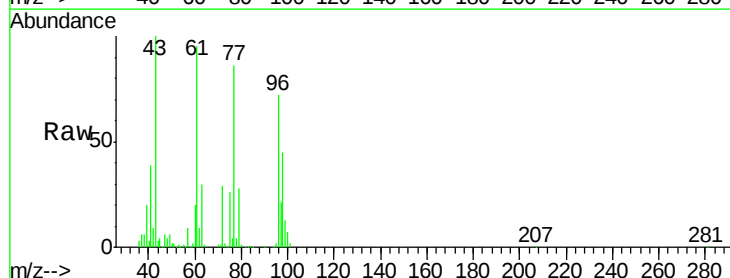
Acq: 04 Jun 2020 16:18

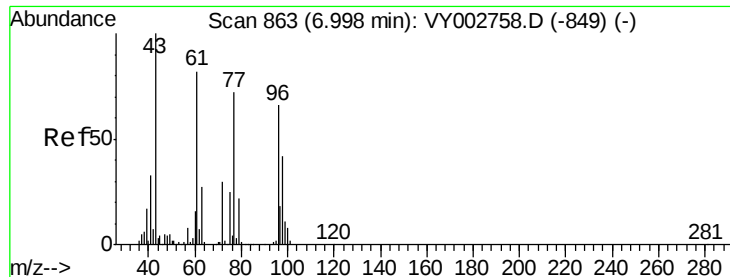
Tgt Ion: 77 Resp: 239031

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6



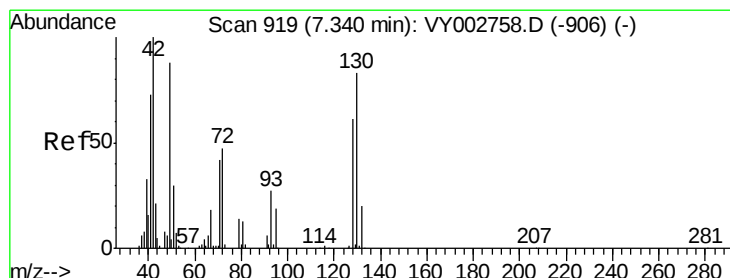
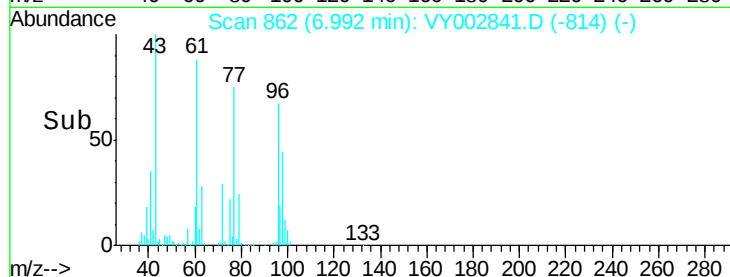
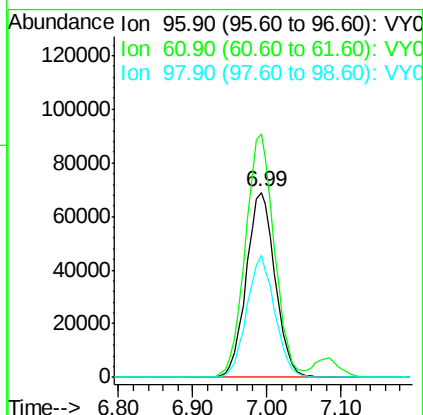
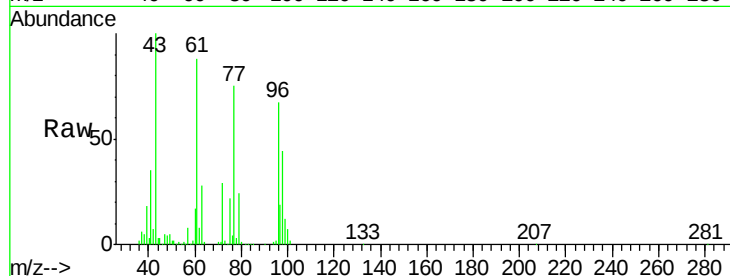


#27

cis-1,2-Dichloroethene
Concen: 49.542 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

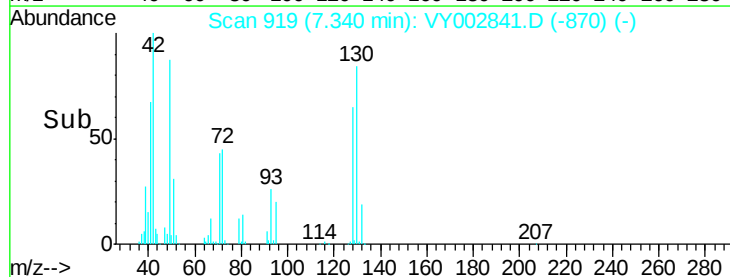
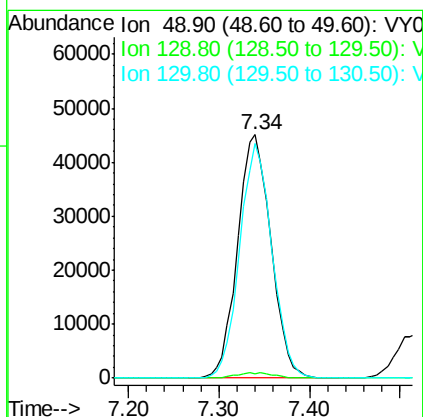
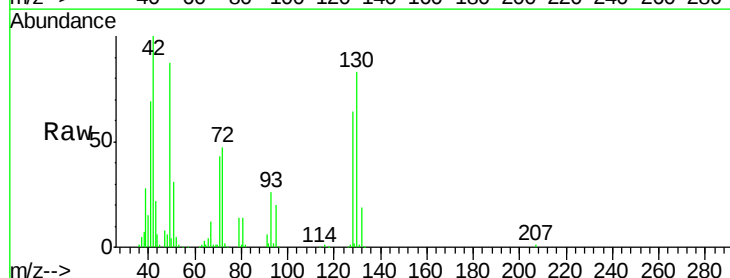
Tot Ion: 96 Resp: 187221
Ion Ratio Lower Upper
96 100
61 132.0 0.0 260.2
98 63.9 0.0 128.2

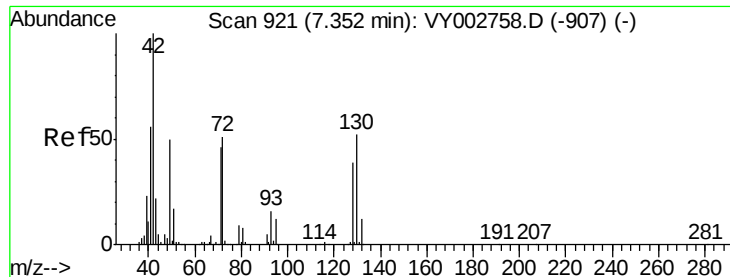


#28

Bromochloromethane
Concen: 53.494 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 49 Resp: 114927
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.2
130 93.2 77.1 115.7





#29

Tetrahydrofuran

Concen: 243.974 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

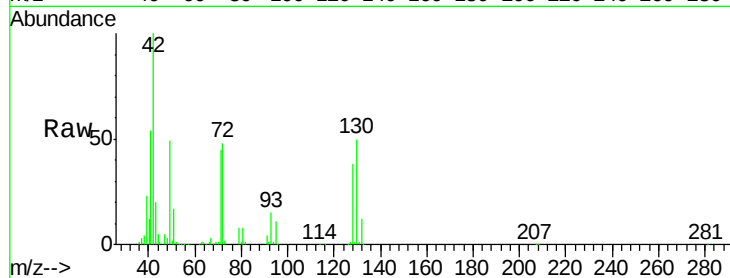
Tot Ion: 42 Resp: 177624

Ion Ratio Lower Upper

42 100

72 47.7 38.6 58.0

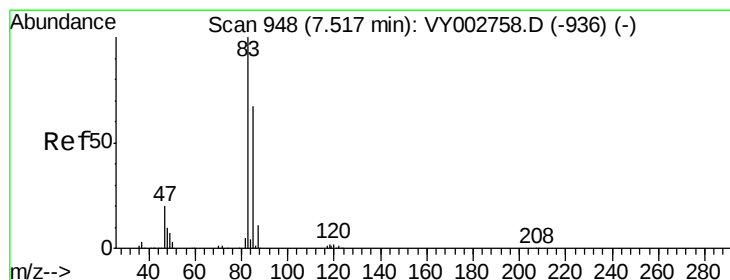
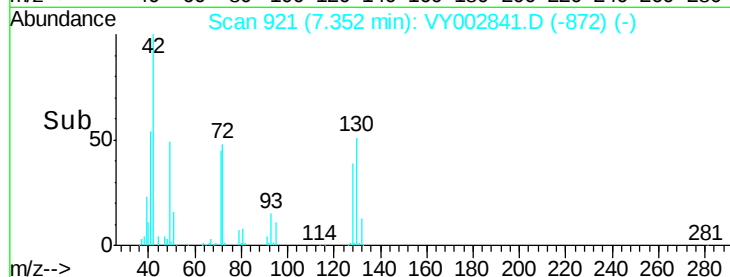
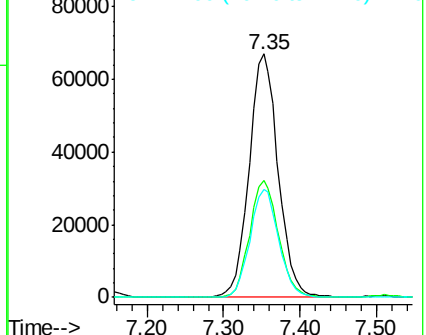
71 43.9 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.066 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002841.D

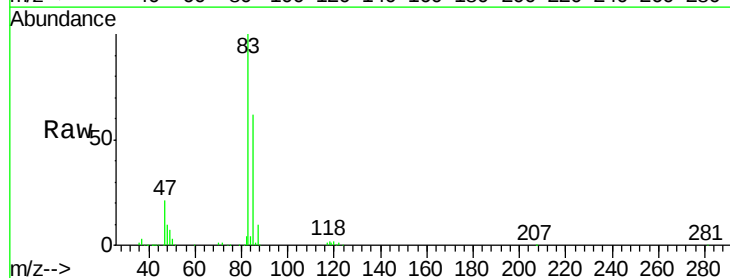
Acq: 04 Jun 2020 16:18

Tgt Ion: 83 Resp: 283591

Ion Ratio Lower Upper

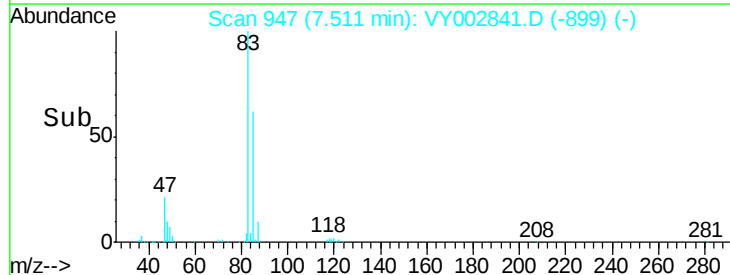
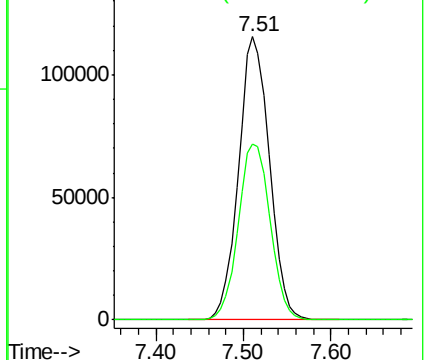
83 100

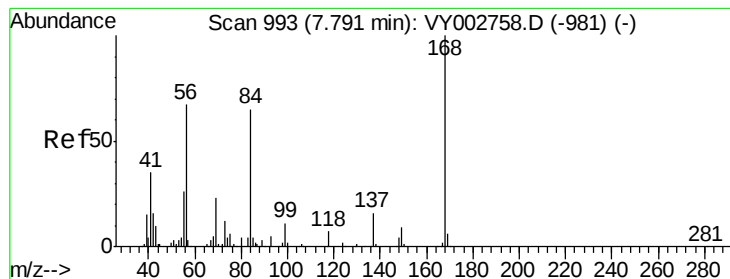
85 62.1 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 46.350 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

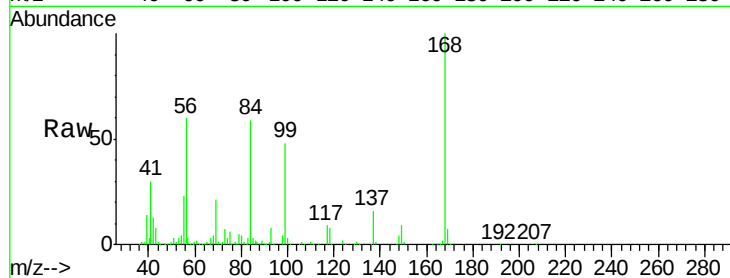
Tot Ion: 56 Resp: 240837

Ion Ratio Lower Upper

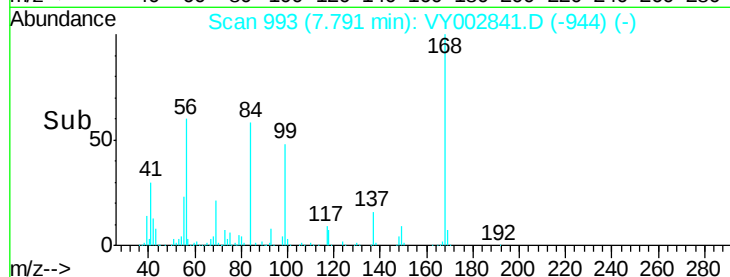
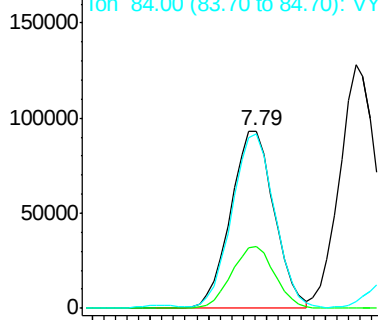
56 100

69 35.2 28.0 42.0

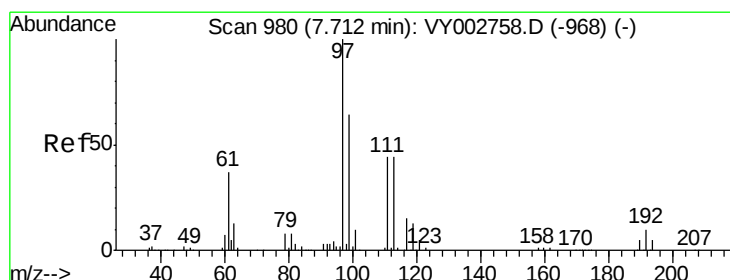
84 97.0 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



Time-->



#32

1,1,1-Trichloroethane

Concen: 48.668 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

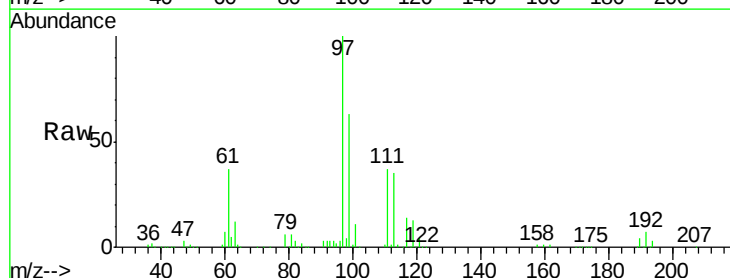
Tgt Ion: 97 Resp: 251859

Ion Ratio Lower Upper

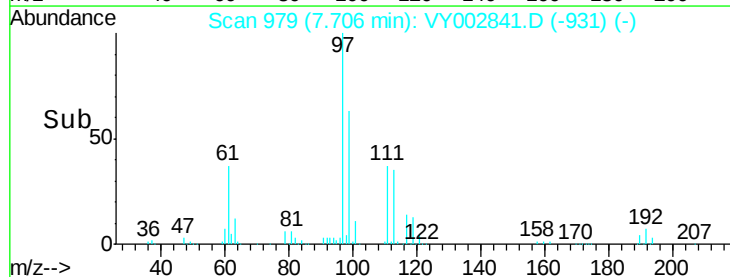
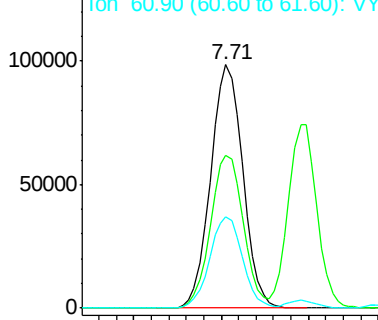
97 100

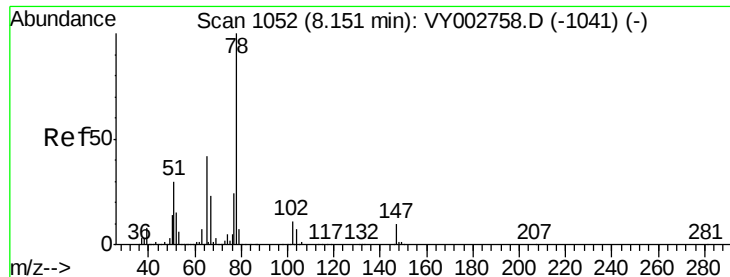
99 64.4 51.4 77.0

61 38.0 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 48.024 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

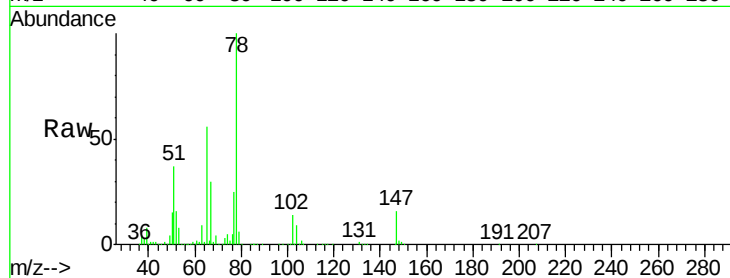
VSTDCCC050EC

Tot Ion: 65 Resp: 147132

Ion Ratio Lower Upper

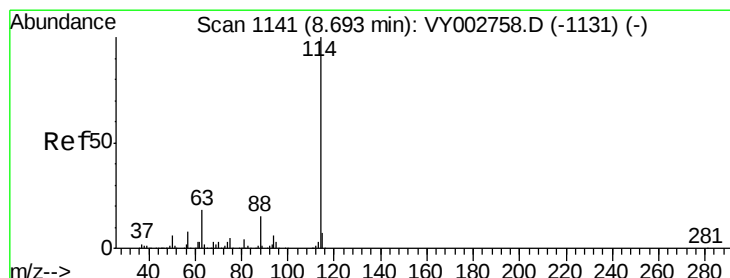
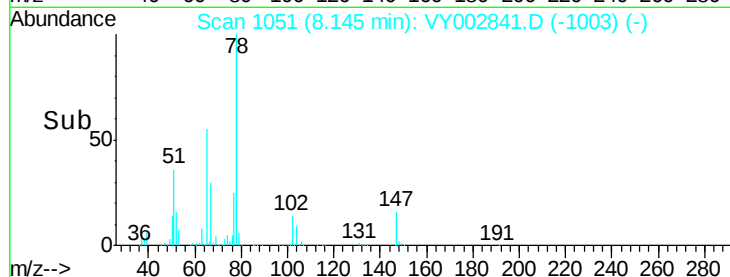
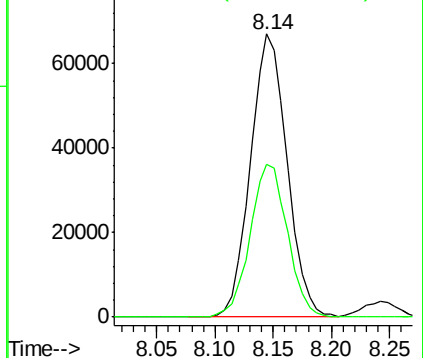
65 100

67 55.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

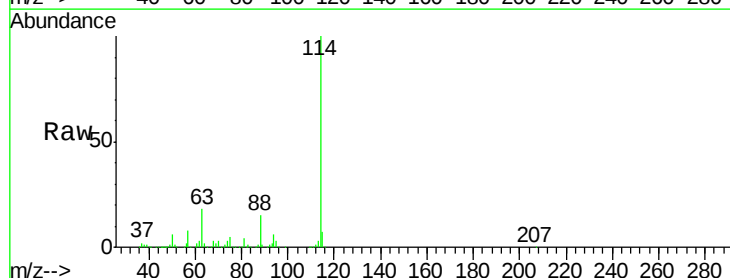
Tgt Ion: 114 Resp: 522625

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

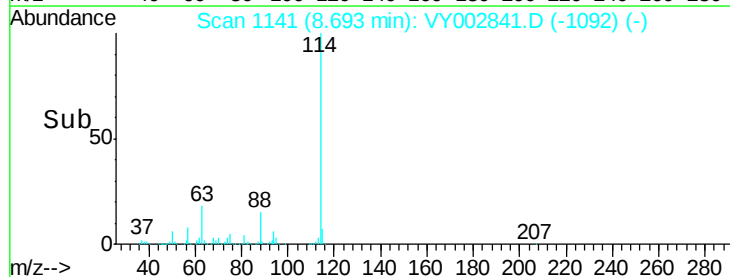
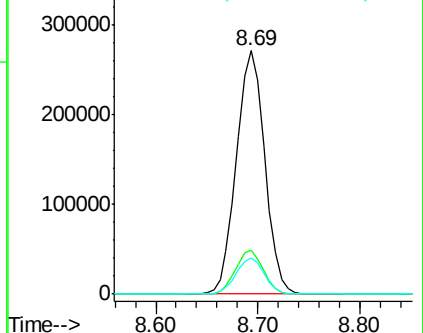
88 14.8 0.0 29.2

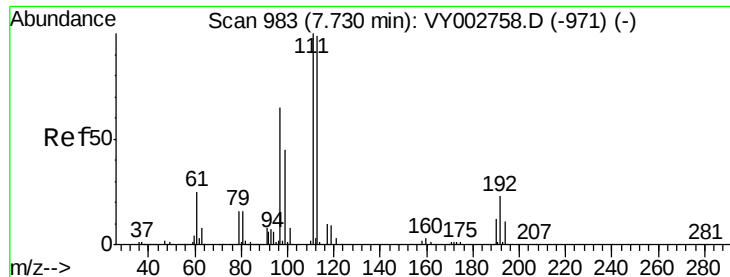


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

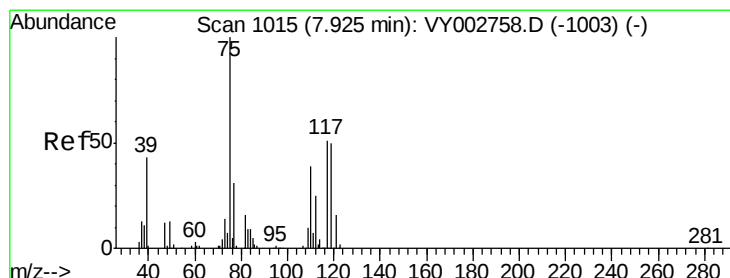
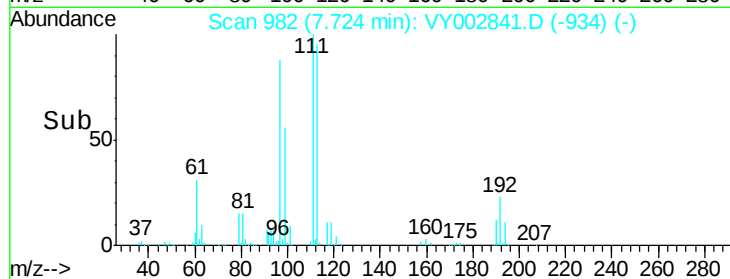
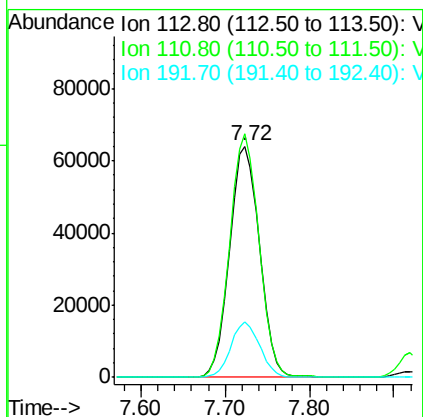
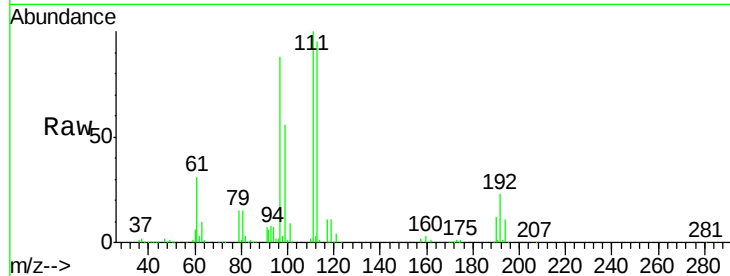




#35
 Dibromofluoromethane
 Concen: 50.360 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

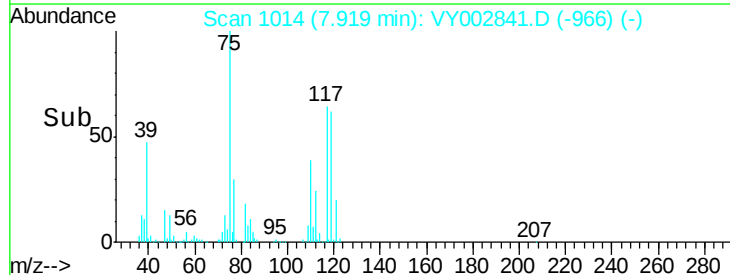
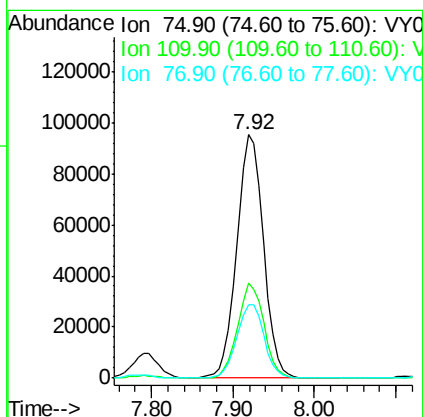
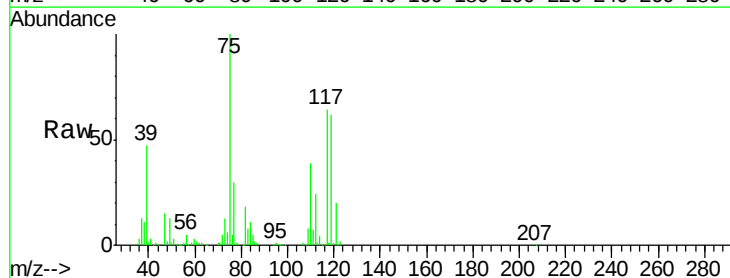
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

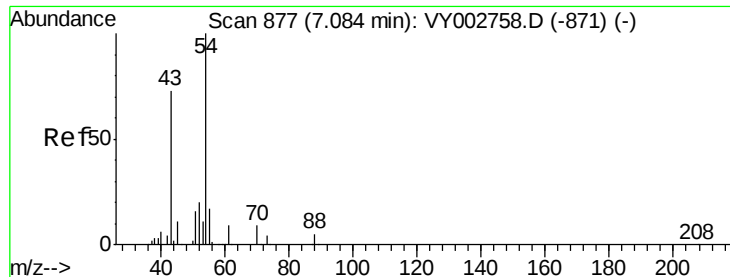
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	23.1	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 48.927 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.3	57.9
77	31.0	24.8	37.2

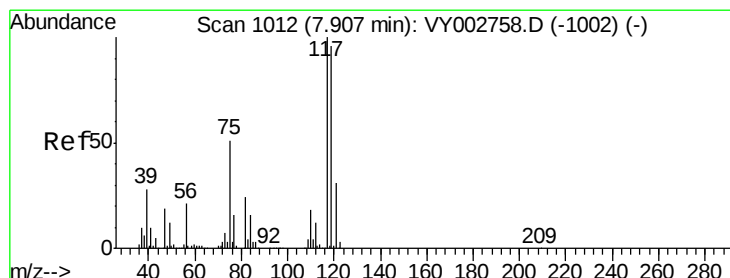
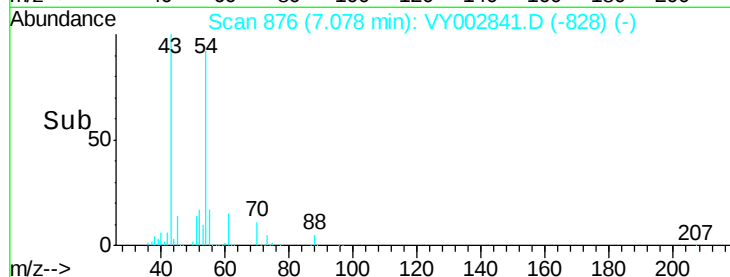
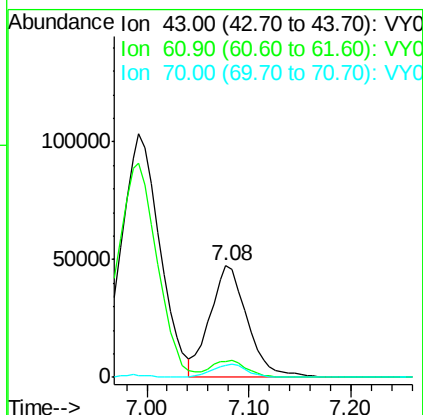
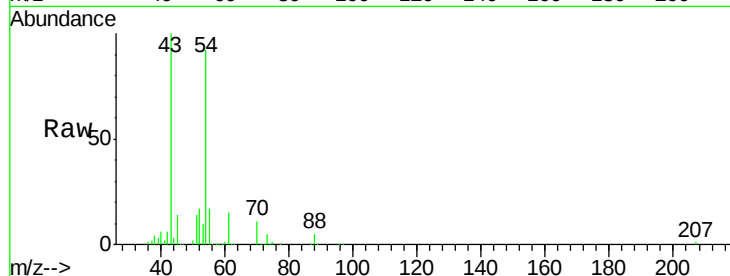




#37
Ethyl Acetate
Concen: 50.391 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

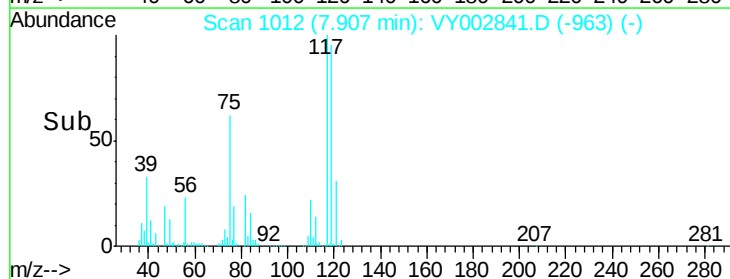
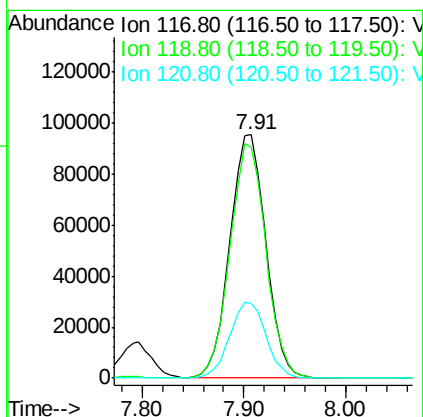
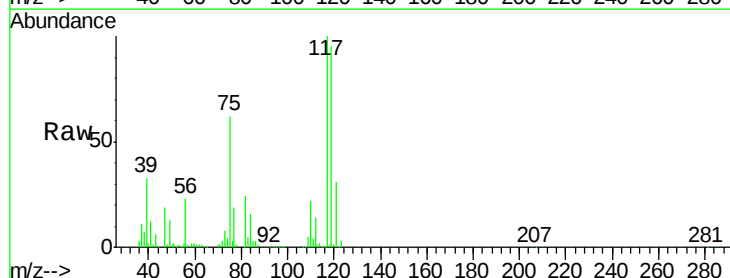
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

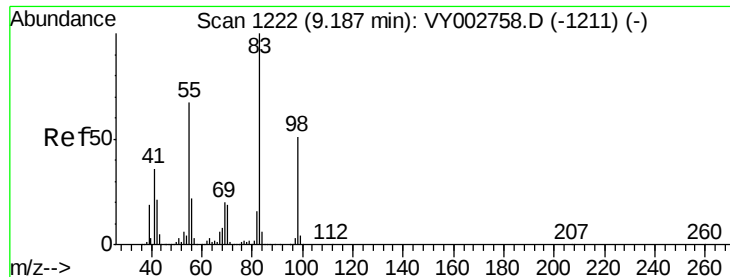
Tot Ion: 43 Resp: 120700
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 11.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 47.913 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 117 Resp: 234327
Ion Ratio Lower Upper
117 100
119 95.0 76.8 115.2
121 30.7 24.8 37.2

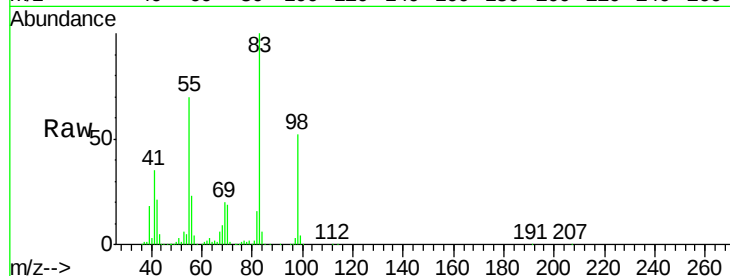




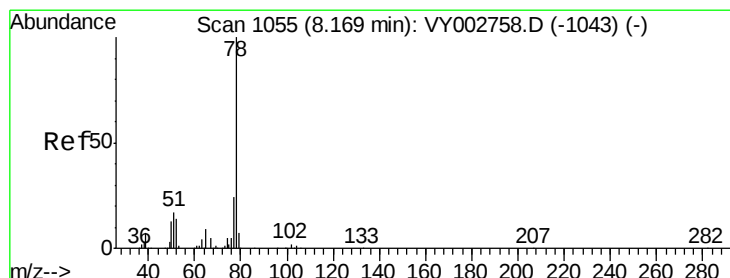
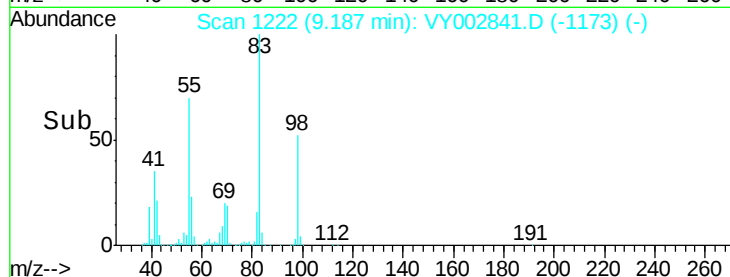
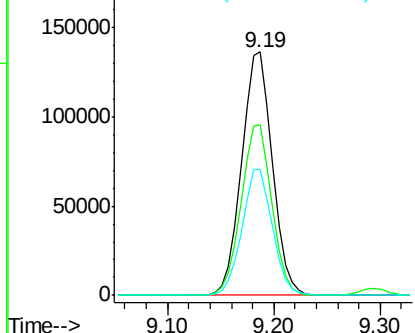
#39
Methvlcvclohexane
Concen: 47.645 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 276476
Ion Ratio Lower Upper
83 100
55 70.2 53.3 79.9
98 51.6 41.1 61.7

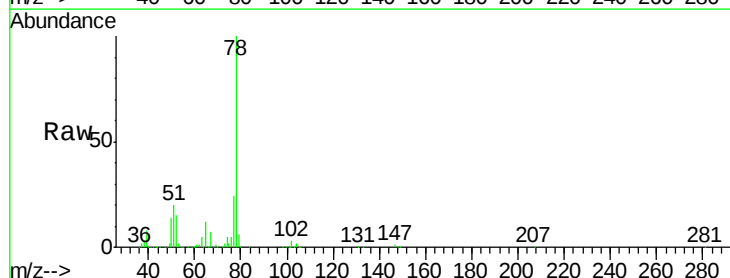


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

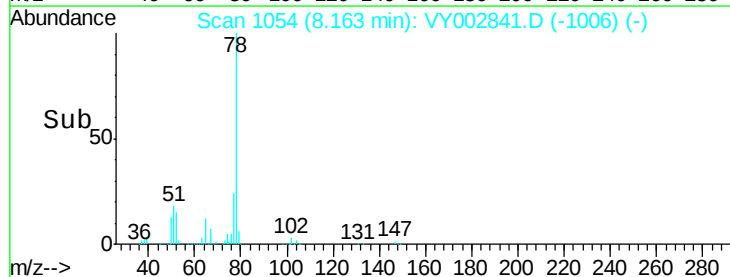
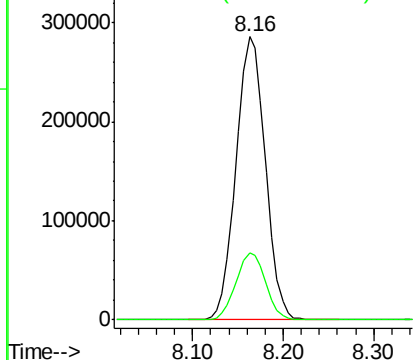


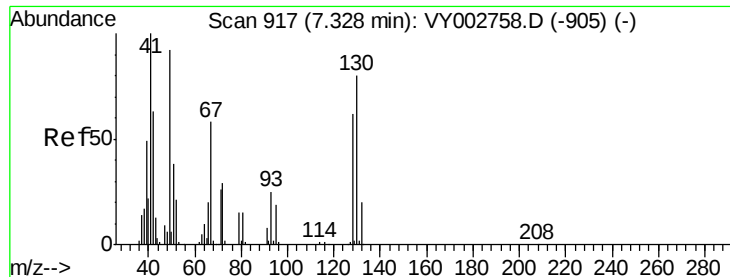
#40
Benzene
Concen: 49.172 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 78 Resp: 639651
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

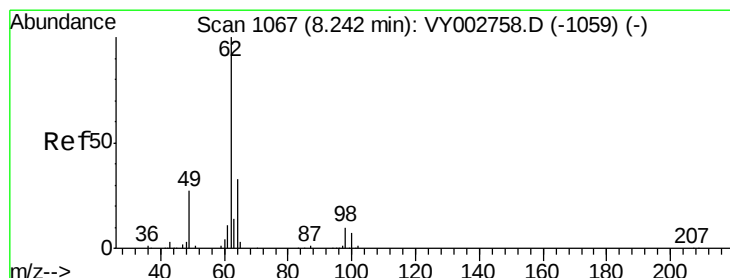
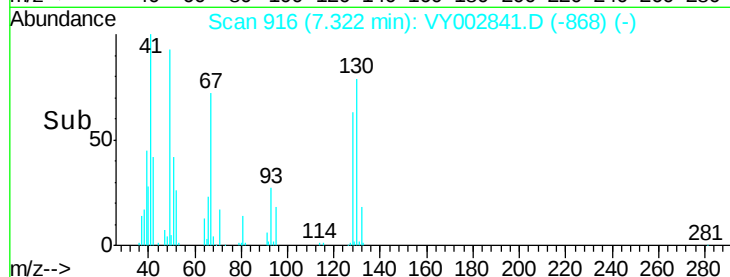
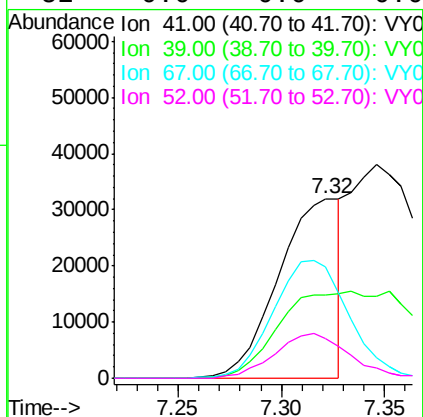
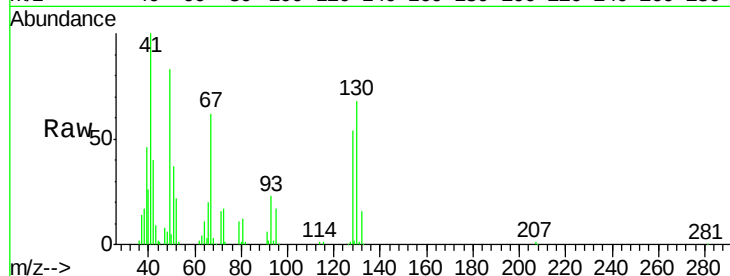




#41
Methacrylonitrile
Concen: 52.465 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

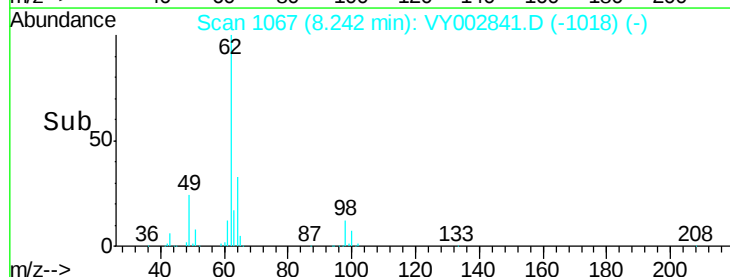
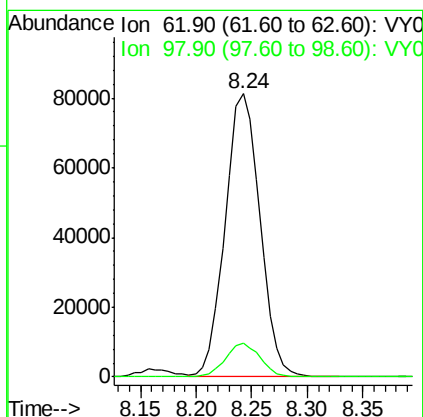
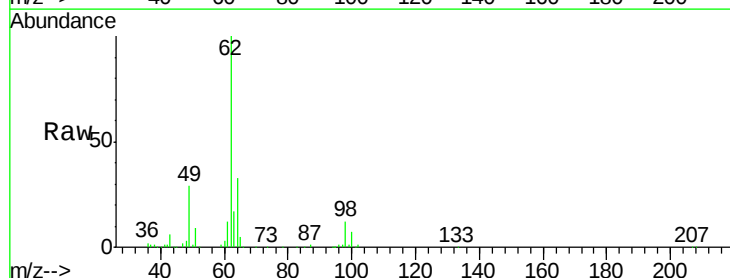
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

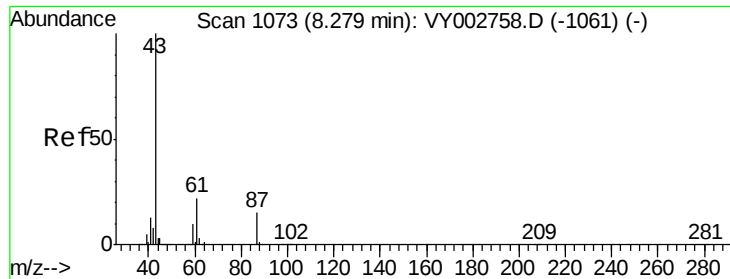
Tot Ion: 41 Resp: 67512
Ion Ratio Lower Upper
41 100
39 106.3 97.6 146.4
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 48.318 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 62 Resp: 176151
Ion Ratio Lower Upper
62 100
98 11.7 0.0 22.6



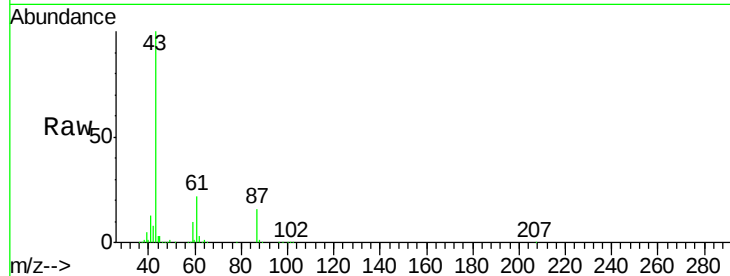


#43

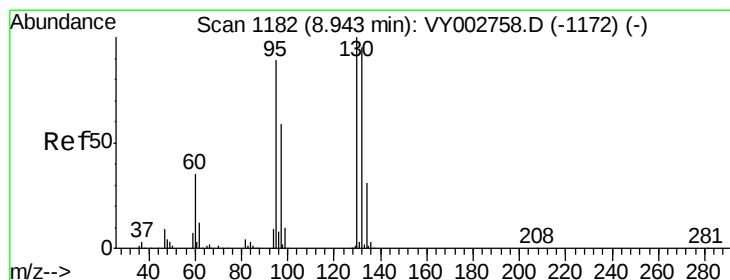
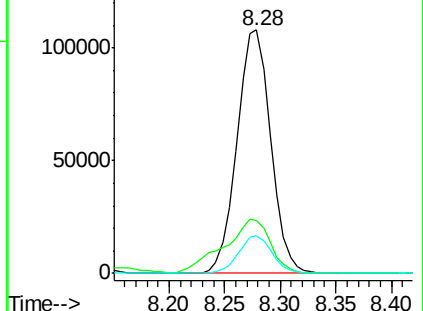
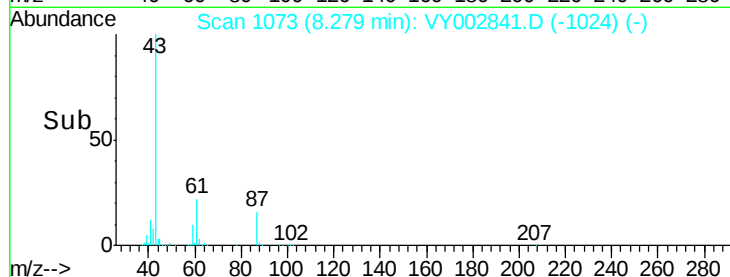
Isopropyl Acetate
 Concen: 49.906 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	226526
Ion Ratio	Lower	Upper	
43	100		
61	30.9	24.8	37.2
87	15.5	12.4	18.6



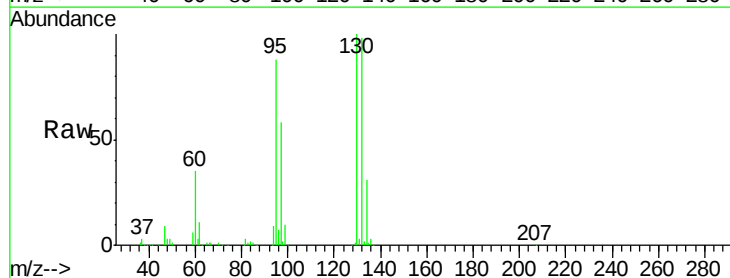
Abundance Ion 43.00 (42.70 to 43.70): VY002841.D (-1024) (-)
 Ion 61.00 (60.70 to 61.70): VY002841.D (-1024) (-)
 Ion 87.00 (86.70 to 87.70): VY002841.D (-1024) (-)



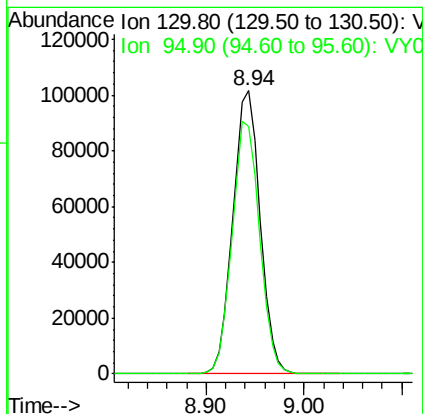
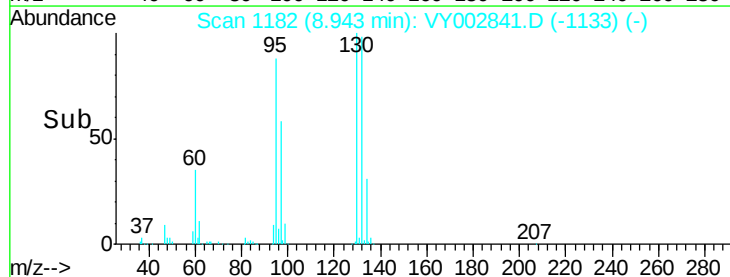
#44

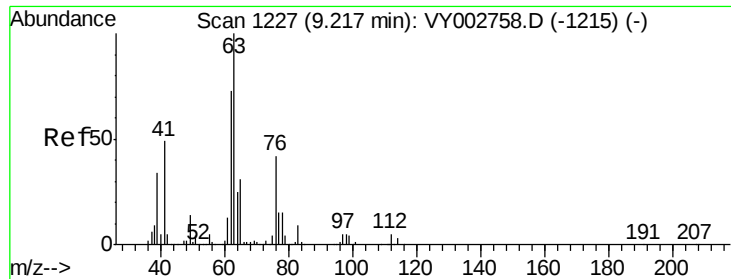
Trichloroethene
 Concen: 47.968 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Tgt Ion	130	Resp	197099
Ion Ratio	Lower	Upper	
130	100		
95	87.6	0.0	178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002841.D (-1133) (-)
 Ion 94.90 (94.60 to 95.60): VY002841.D (-1133) (-)

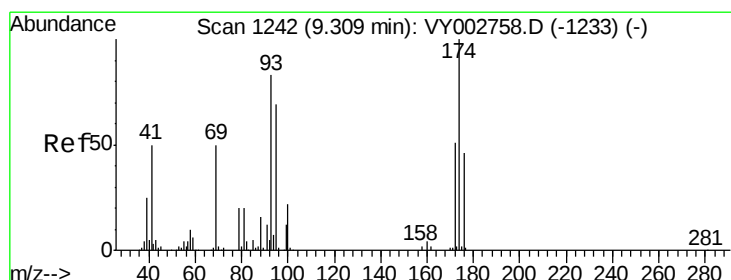
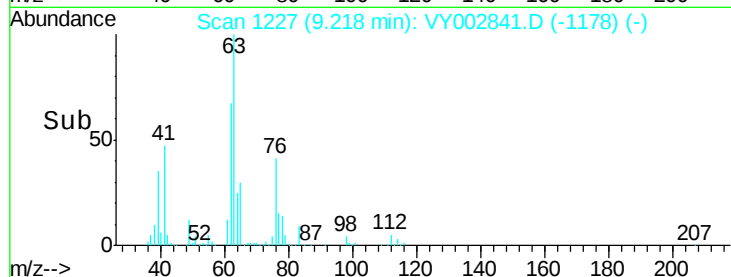
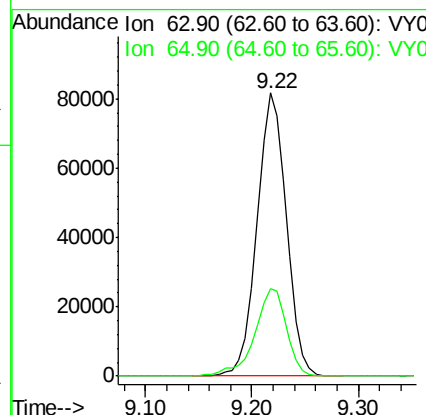
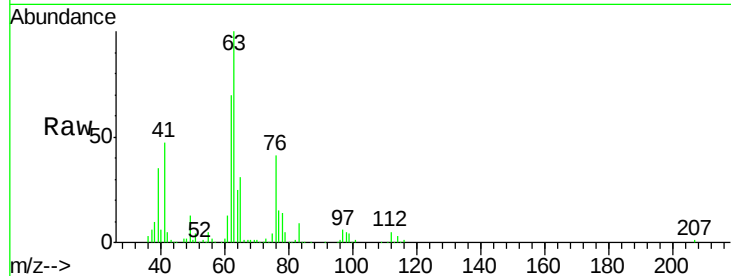




#45
 1,2-Dichloropropane
 Concen: 50.746 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

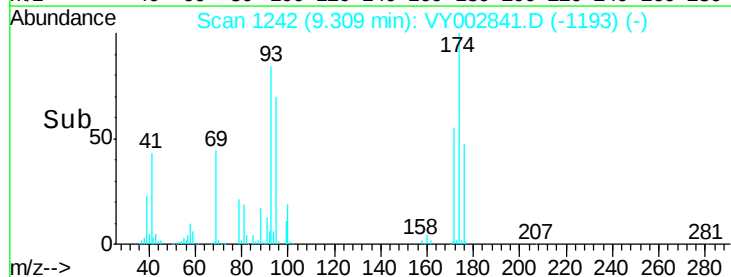
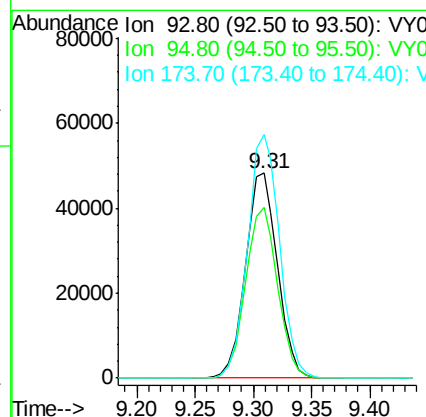
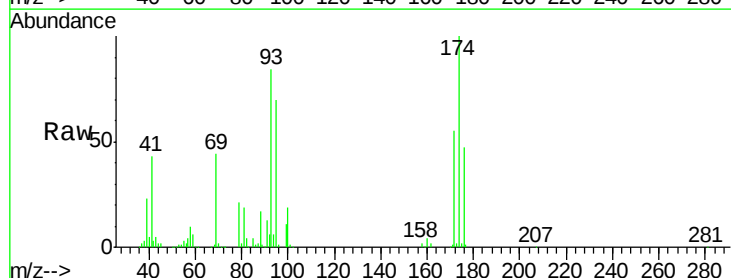
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

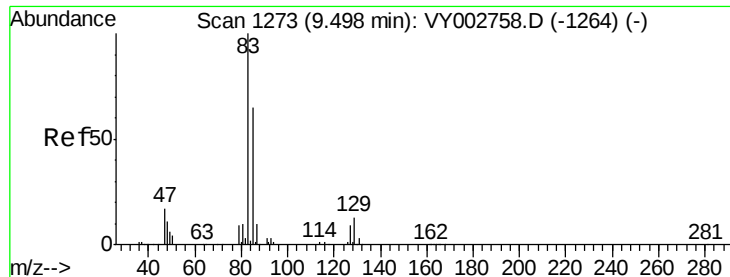
Tot Ion: 63 Resp: 158304
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 49.842 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Tgt Ion: 93 Resp: 92341
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.9 100.3
 174 119.1 97.7 146.5





#47

Bromodichloromethane

Concen: 51.036 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

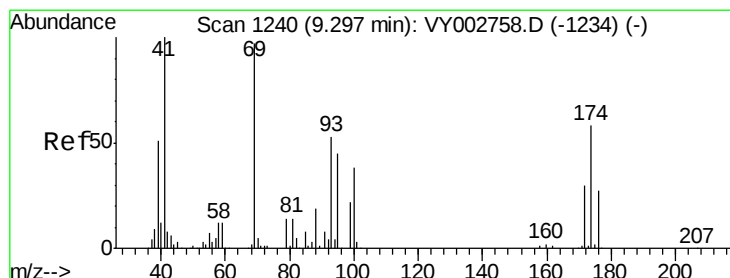
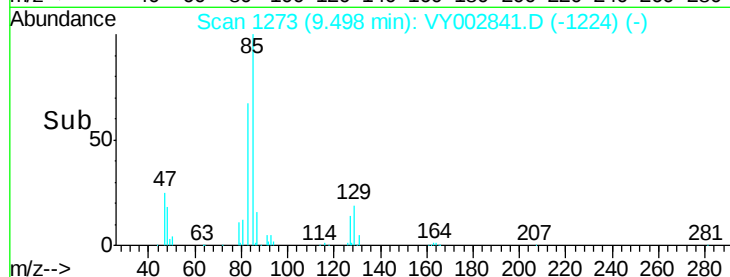
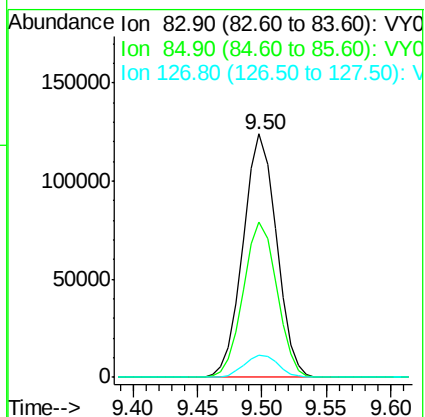
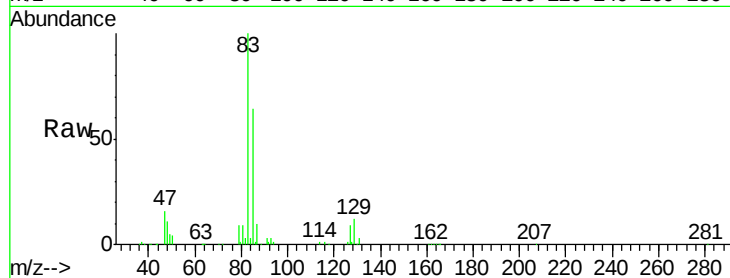
Tot Ion: 83 Resp: 222906

Ion Ratio Lower Upper

83 100

85 63.7 51.9 77.9

127 9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 49.653 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

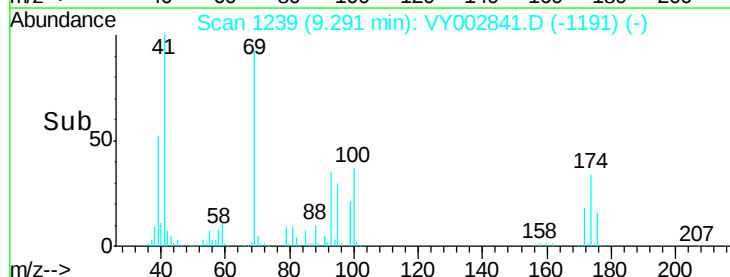
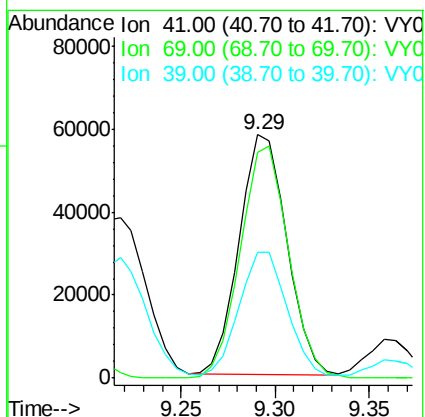
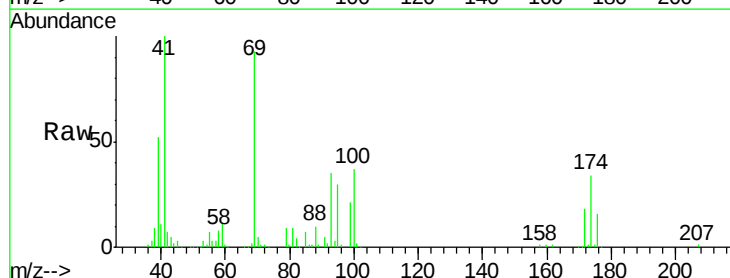
Tgt Ion: 41 Resp: 101742

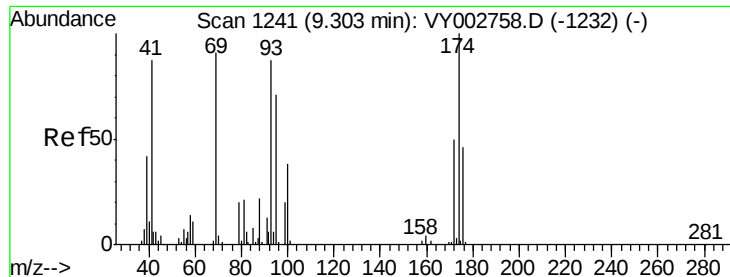
Ion Ratio Lower Upper

41 100

69 97.7 79.7 119.5

39 53.8 43.3 64.9

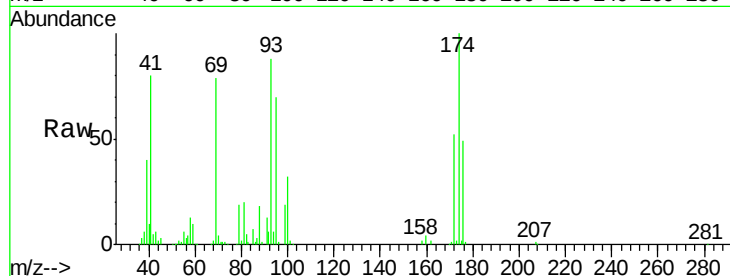




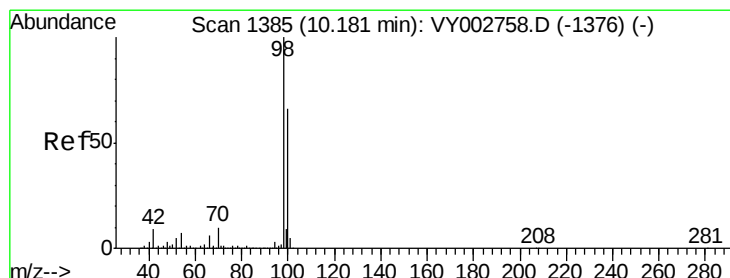
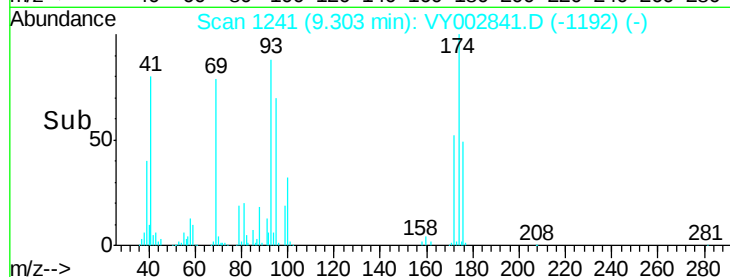
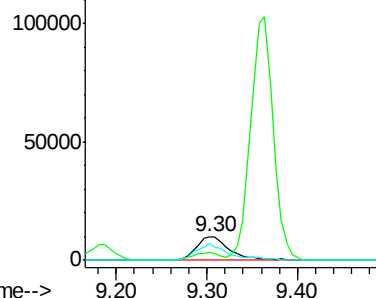
#49
1,4-Dioxane
Concen: 910.290 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 25895
Ion Ratio Lower Upper
88 100
43 26.7 21.3 31.9
58 68.8 52.2 78.2

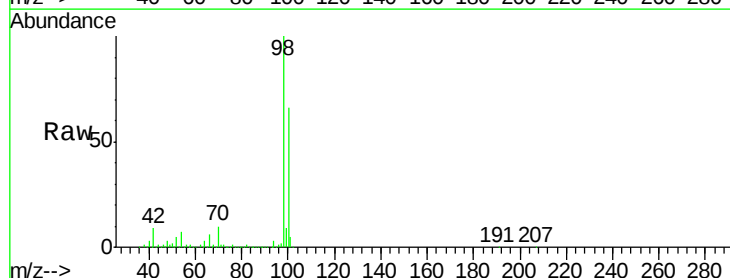


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

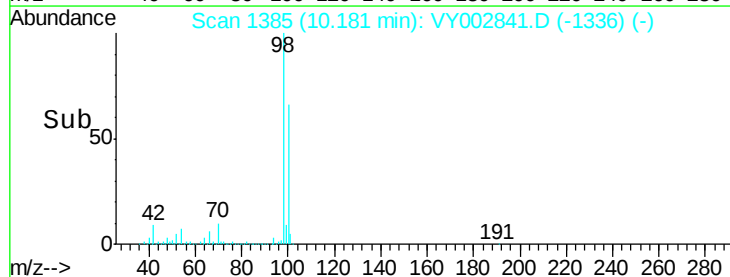
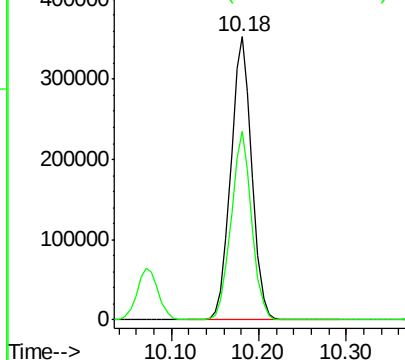


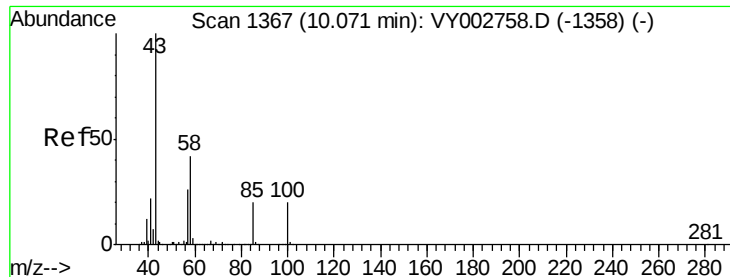
#50
Toluene-d8
Concen: 47.340 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 98 Resp: 586248
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

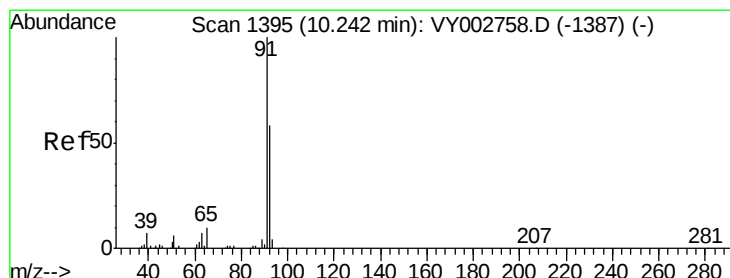
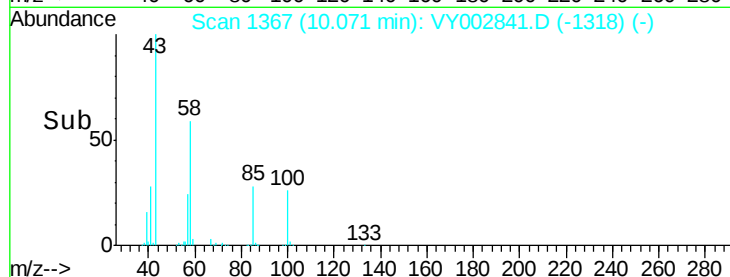
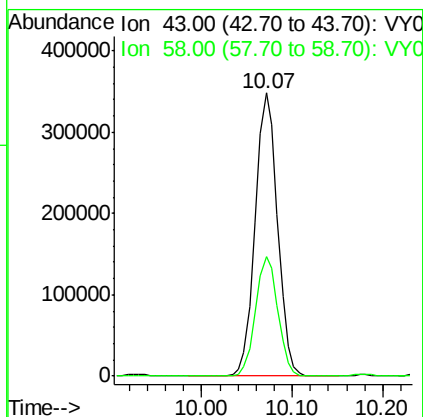
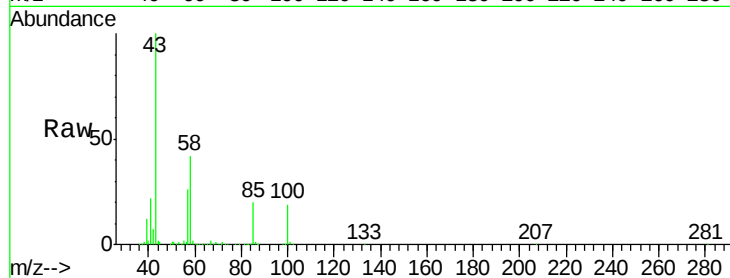




#51
4-Methyl-2-Pentanone
Concen: 247.024 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

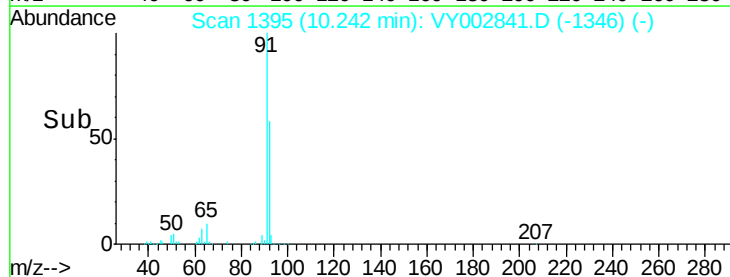
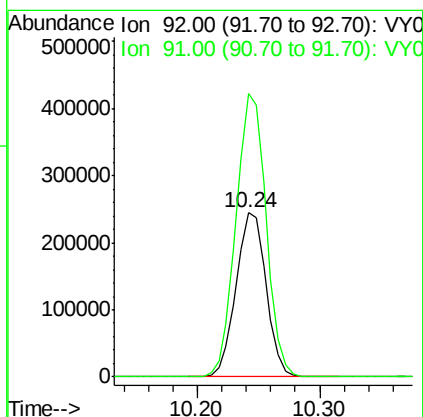
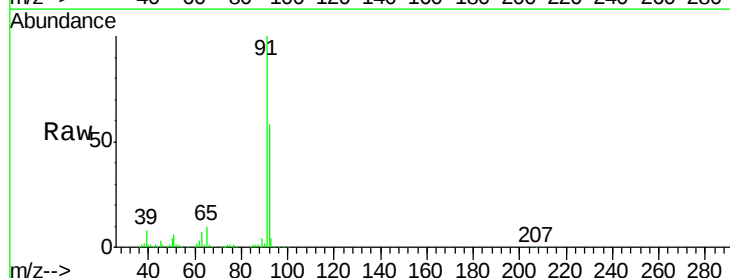
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

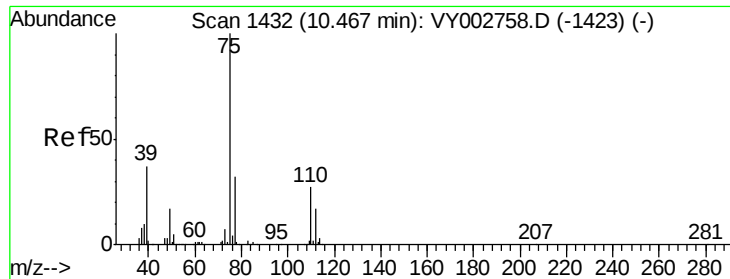
Tot Ion: 43 Resp: 593733
Ion Ratio Lower Upper
43 100
58 42.2 34.2 51.2



#52
Toluene
Concen: 48.702 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 92 Resp: 414442
Ion Ratio Lower Upper
92 100
91 173.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.371 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

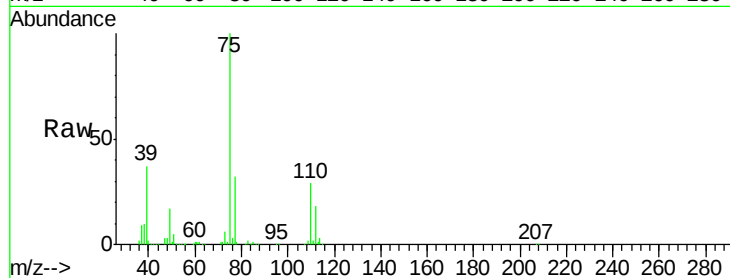
VSTDCCC050EC

Tot Ion: 75 Resp: 23524

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

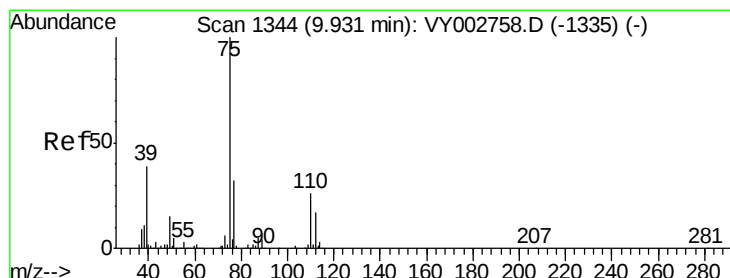
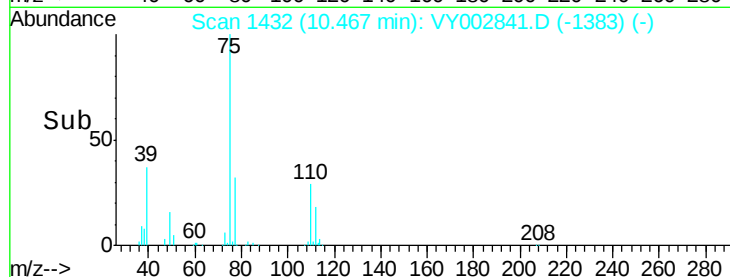
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.507 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

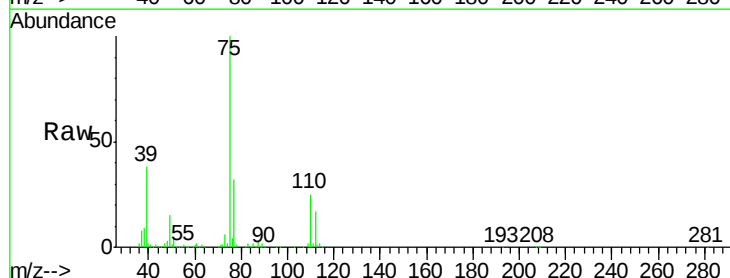
Tgt Ion: 75 Resp: 273016

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 37.5 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

200000

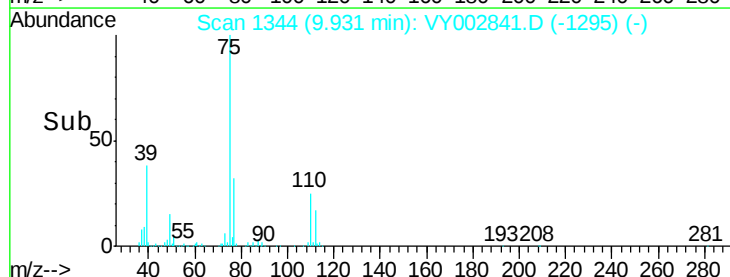
150000

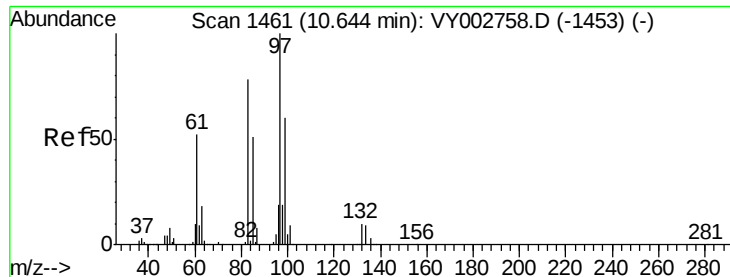
100000

50000

0

Time-->



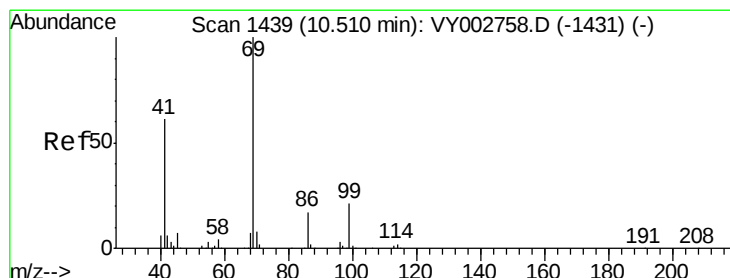
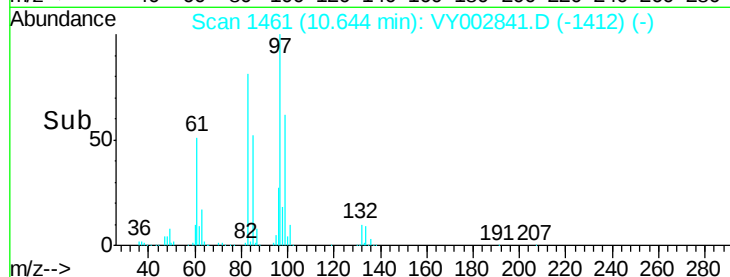
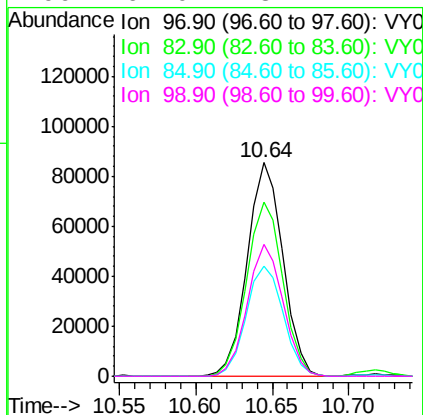
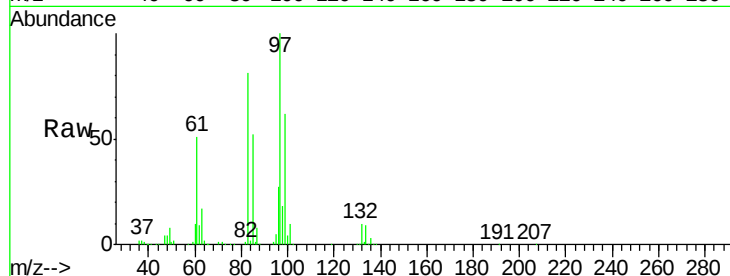


#55
 1,1,2-Trichloroethane
 Concen: 48.891 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 138672

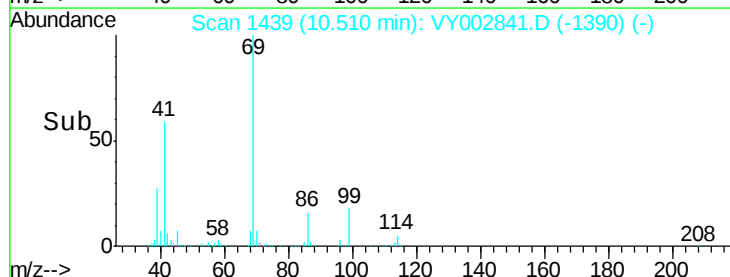
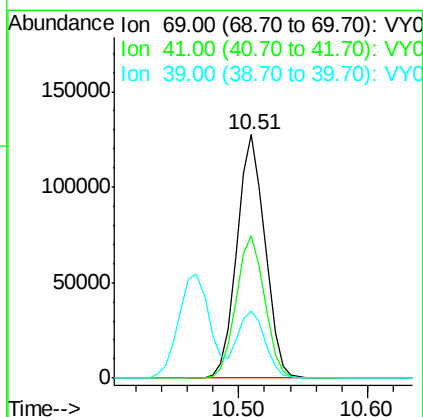
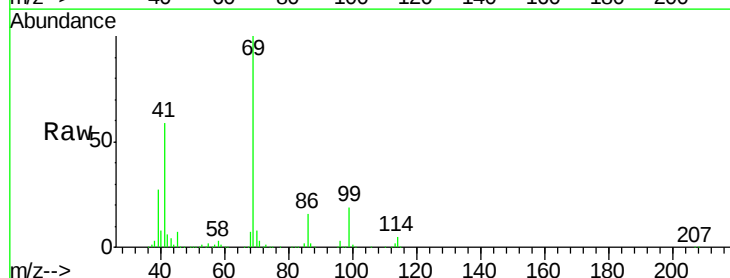
Ion	Ratio	Lower	Upper
97	100		
83	81.5	62.7	94.1
85	51.8	40.6	60.8
99	62.0	48.2	72.4

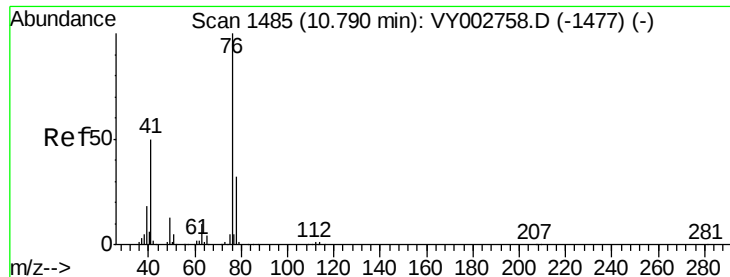


#56
 Ethyl methacrylate
 Concen: 50.609 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Tgt Ion: 69 Resp: 192264

Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.0	70.4
39	26.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 49.233 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

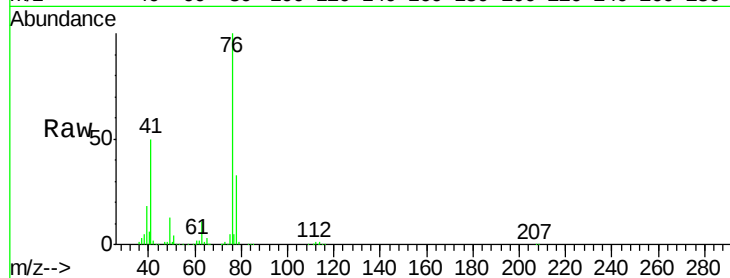
VSTDCCC050EC

Tot Ion: 76 Resp: 229684

Ion Ratio Lower Upper

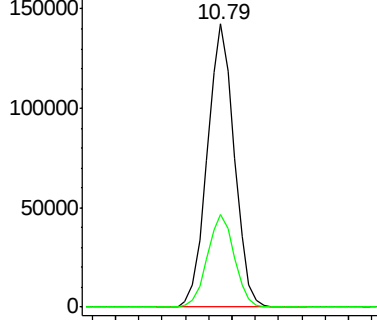
76 100

78 32.6 26.1 39.1

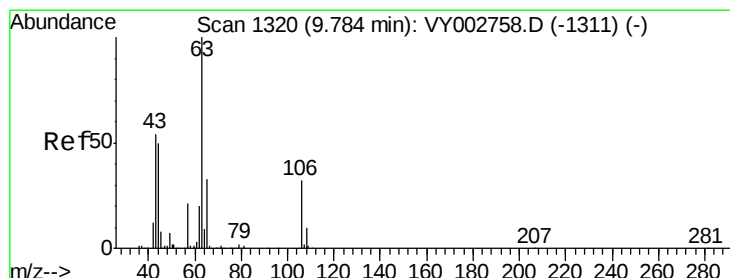
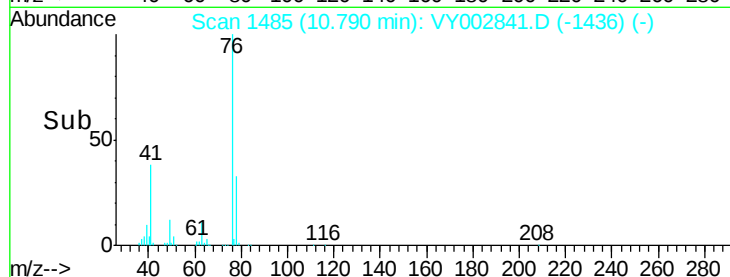


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.333 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002841.D

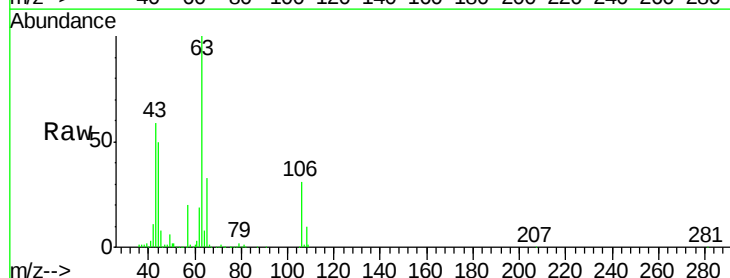
Acq: 04 Jun 2020 16:18

Tgt Ion: 63 Resp: 473980

Ion Ratio Lower Upper

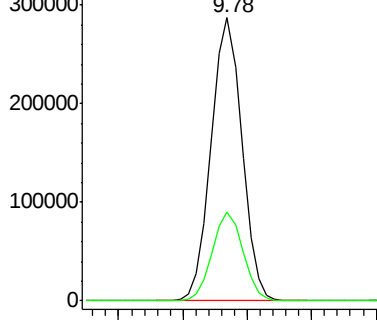
63 100

106 31.4 25.4 38.2

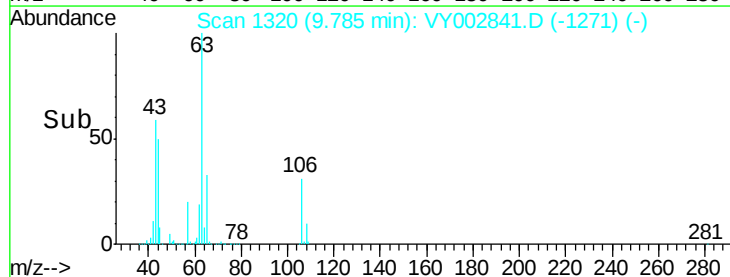


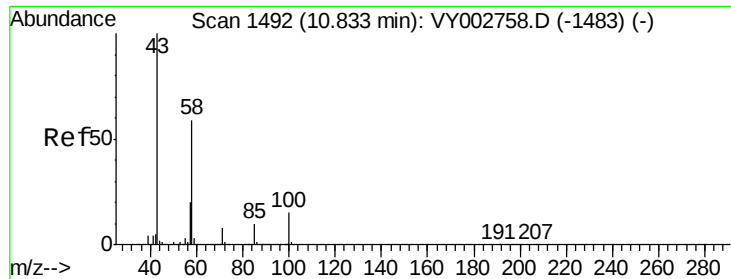
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

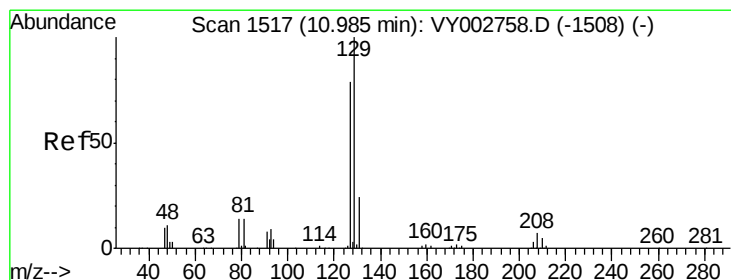
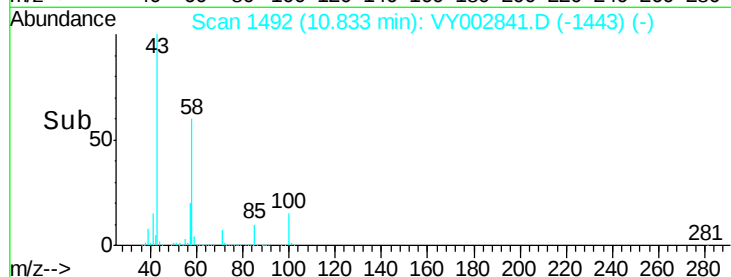
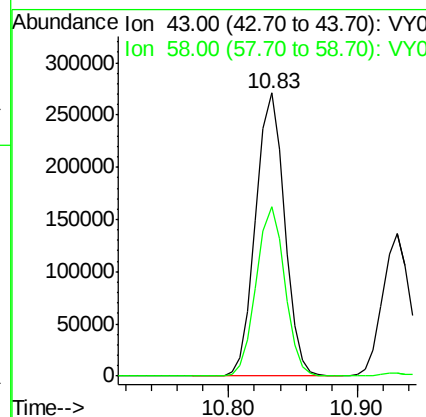
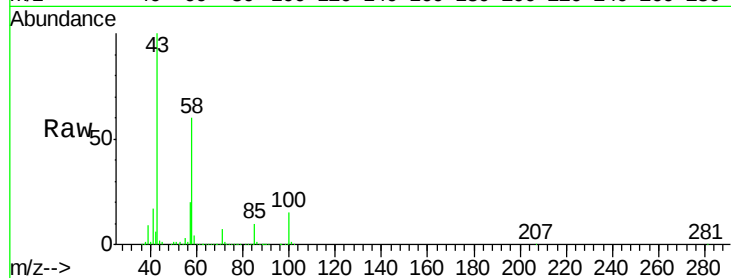




#59
2-Hexanone
Concen: 245.806 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

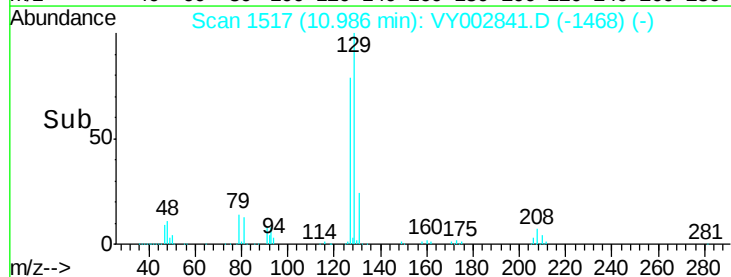
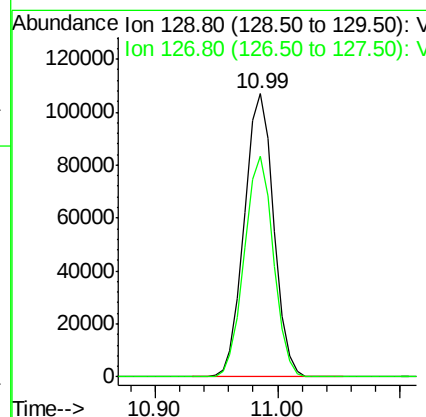
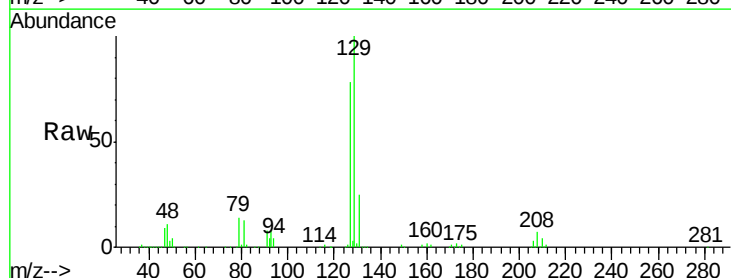
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

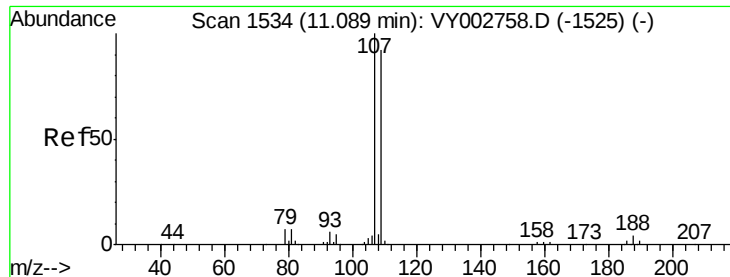
Tot Ion: 43 Resp: 419192
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 49.578 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 129 Resp: 178281
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

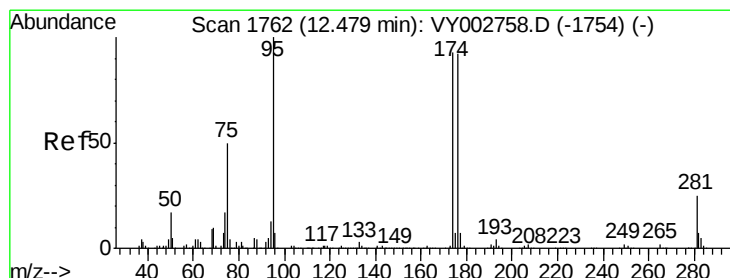
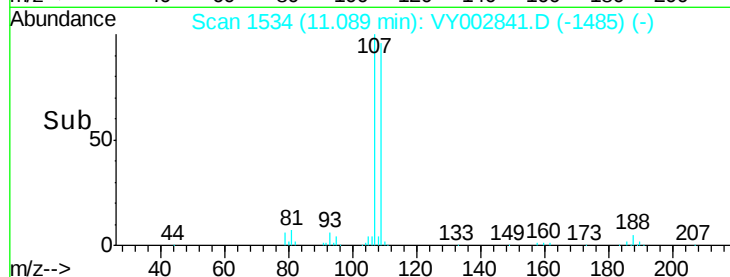
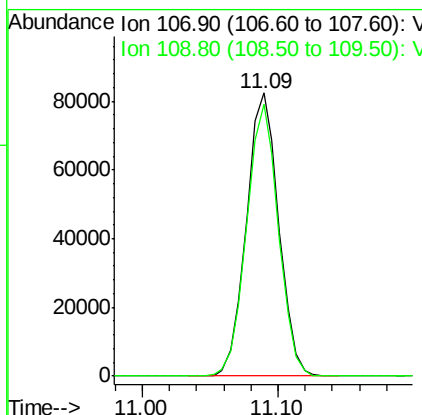
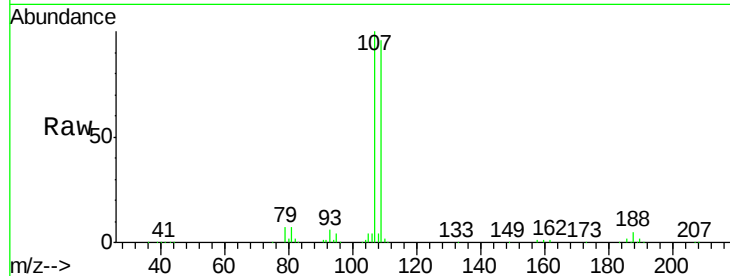




#61
 1,2-Dibromoethane
 Concen: 48.931 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

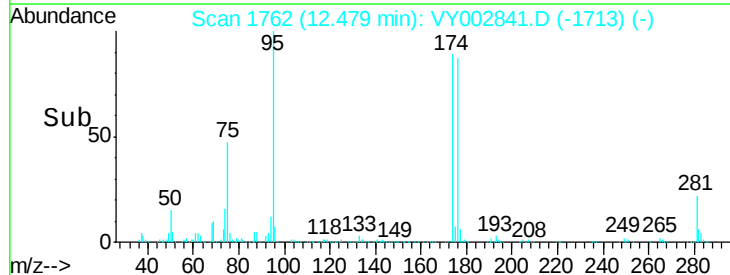
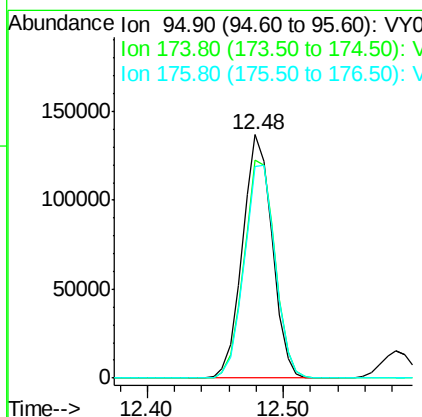
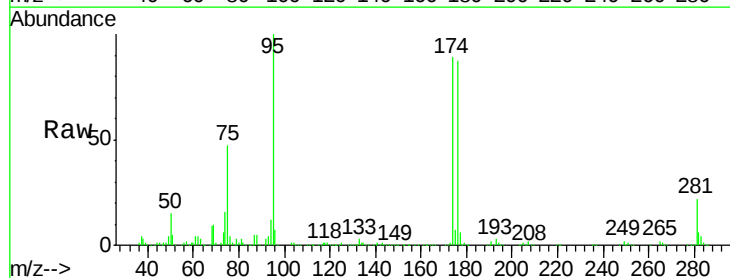
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

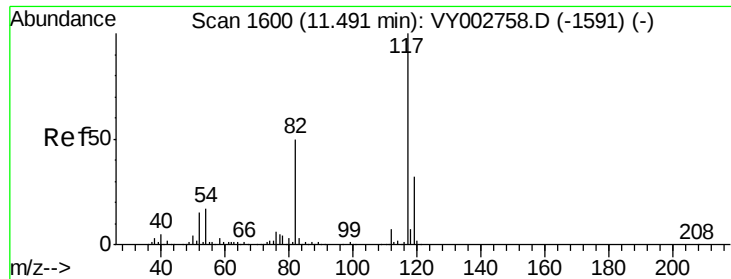
Tot Ion:107 Resp: 136906
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.322 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Tgt Ion: 95 Resp: 208742
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 191.2
 176 91.4 0.0 188.8

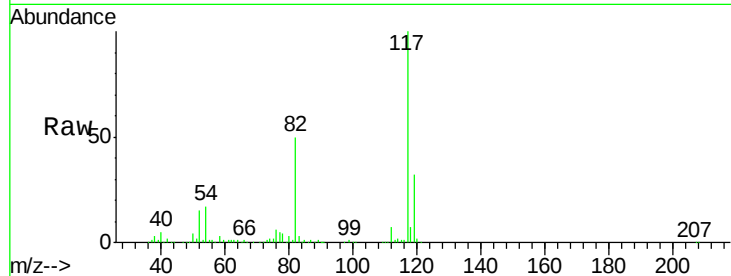




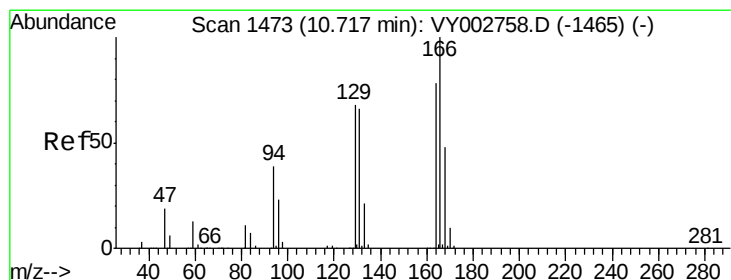
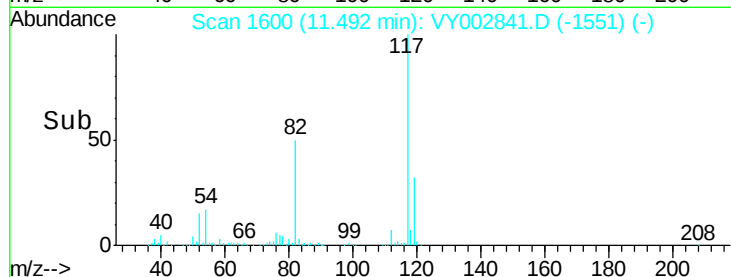
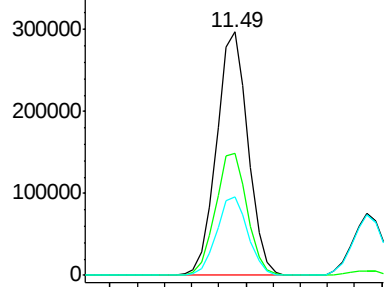
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 479251
Ion Ratio Lower Upper
117 100
82 50.0 40.2 60.4
119 32.3 25.8 38.8

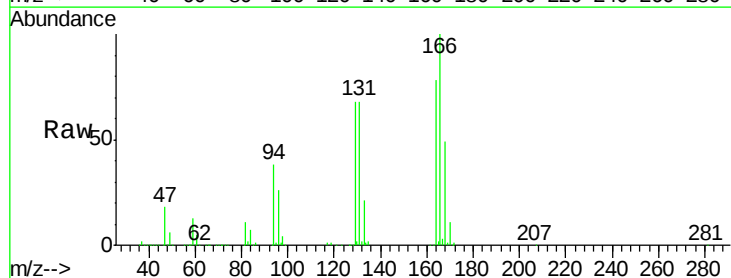


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

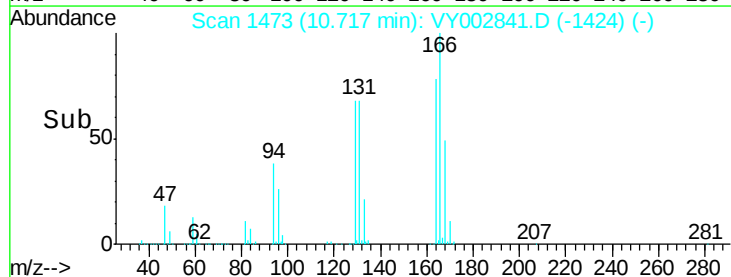
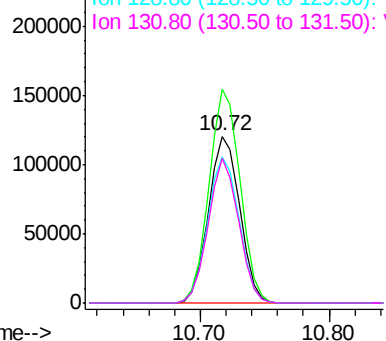


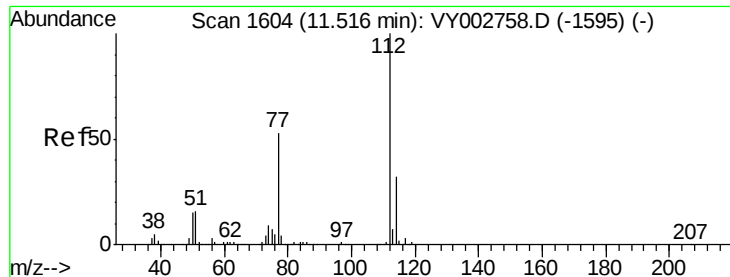
#64
Tetrachloroethene
Concen: 46.373 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion:164 Resp: 201987
Ion Ratio Lower Upper
164 100
166 127.9 102.3 153.5
129 87.2 69.4 104.2
131 86.5 67.8 101.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

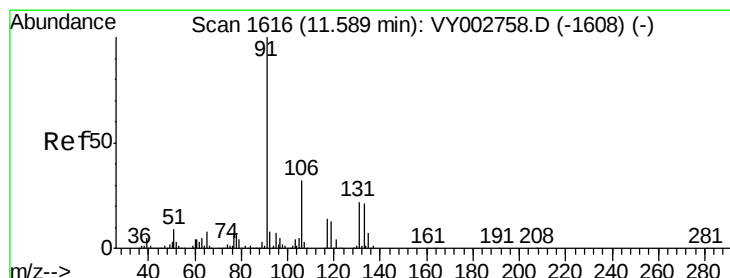
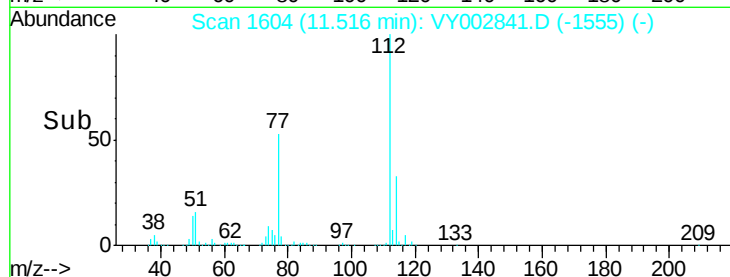
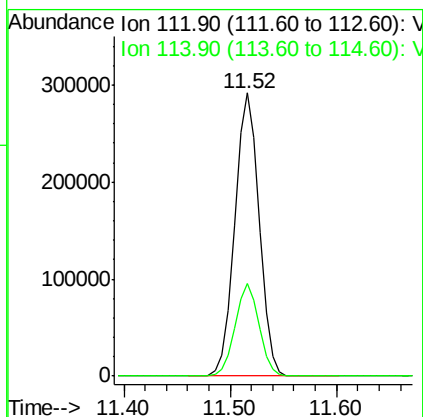
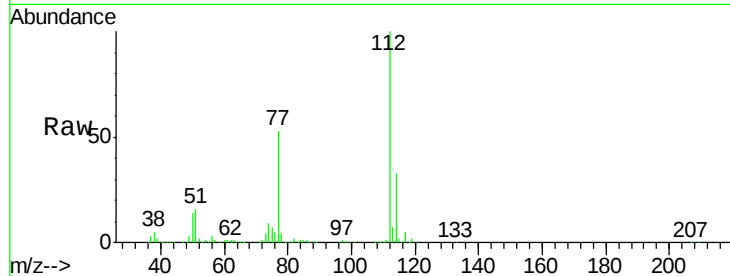




#65
Chlorobenzene
Concen: 49.305 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

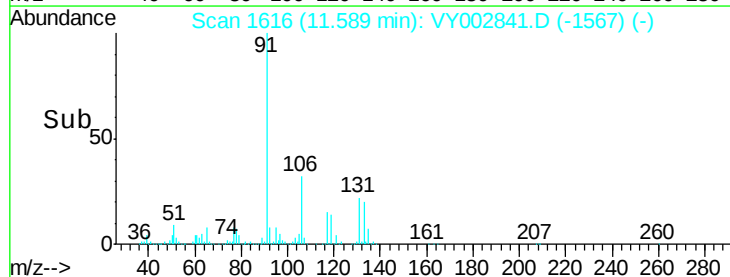
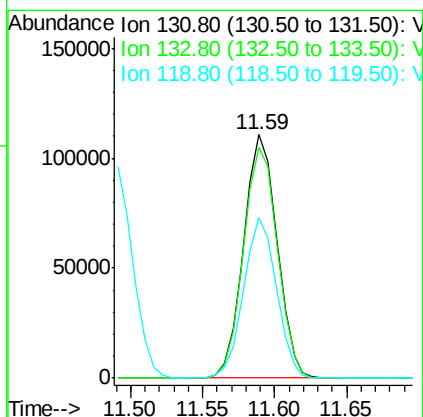
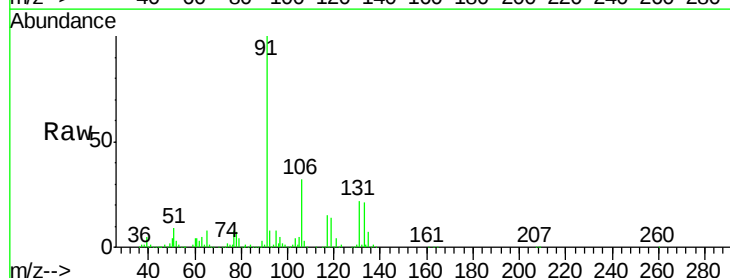
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

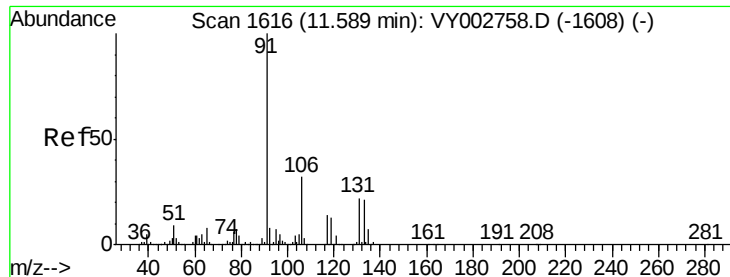
Tot Ion:112 Resp: 467036
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.816 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion:131 Resp: 177721
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.8
119 64.8 31.7 95.1





#67

Ethyl Benzene

Concen: 49.043 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

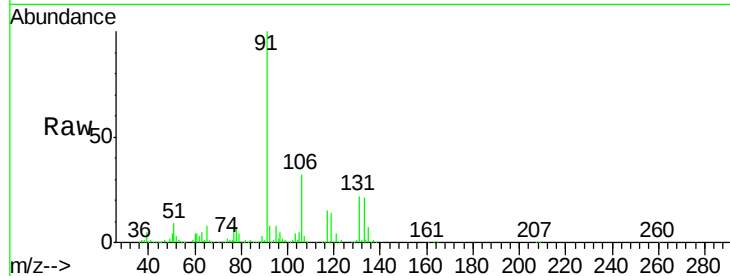
VSTDCCC050EC

Tot Ion: 91 Resp: 805367

Ion Ratio Lower Upper

91 100

106 32.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY002758.D (-1608) (-)

11.59

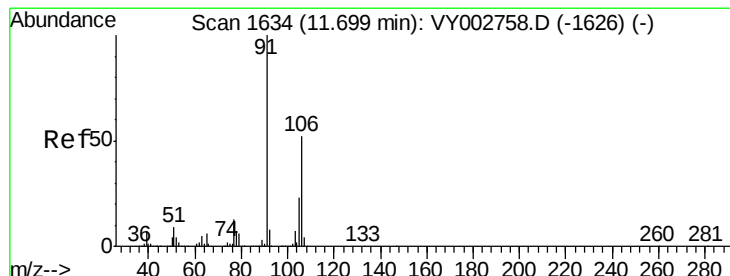
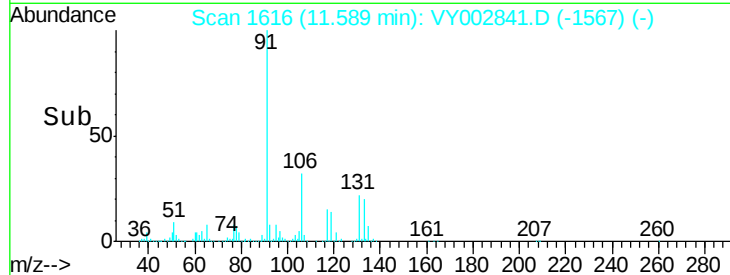
600000

400000

200000

0

Time--> 11.50 11.60



#68

m/p-Xylenes

Concen: 98.095 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002841.D

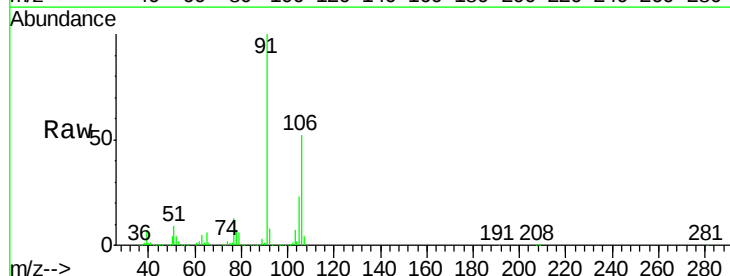
Acq: 04 Jun 2020 16:18

Tgt Ion: 106 Resp: 624567

Ion Ratio Lower Upper

106 100

91 193.8 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002758.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY002758.D (-1626) (-)

11.70

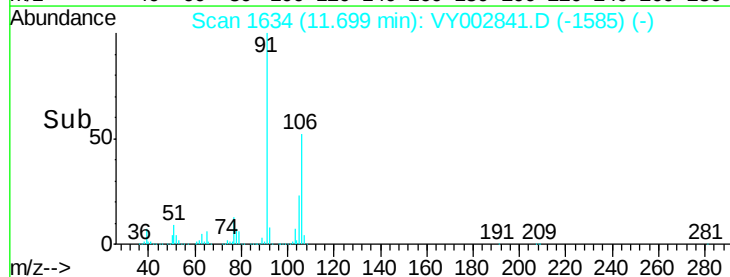
600000

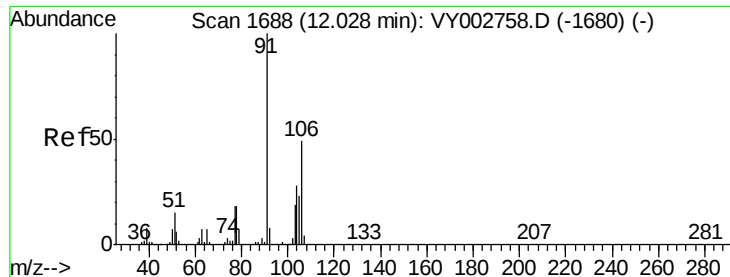
400000

200000

0

Time--> 11.60 11.70 11.80

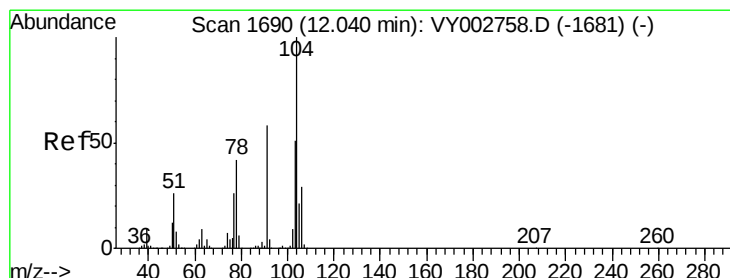
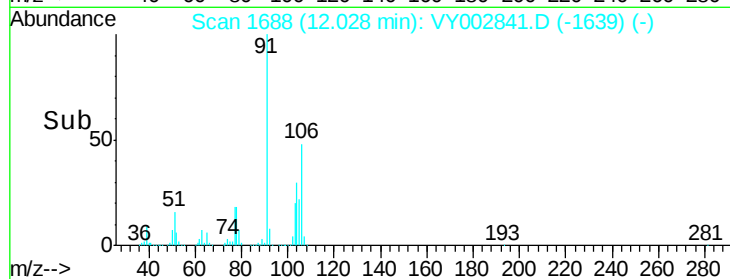
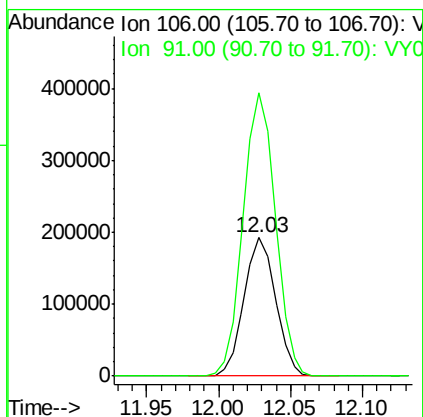
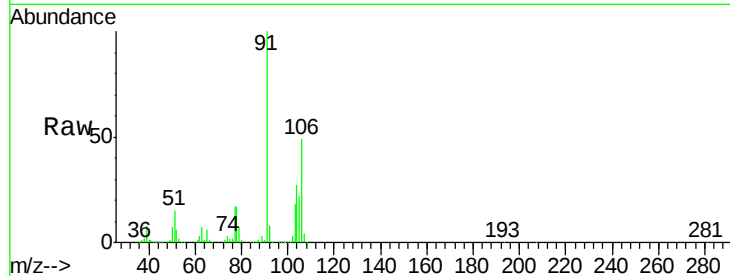




#69
o-Xylene
Concen: 49.084 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

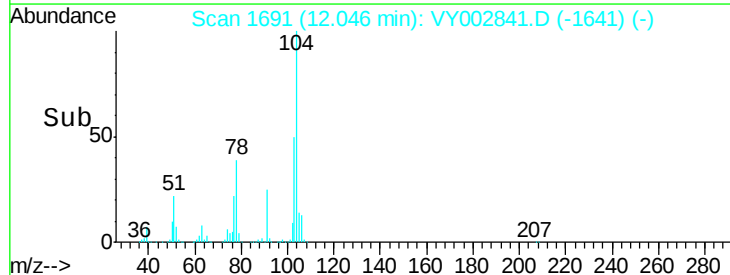
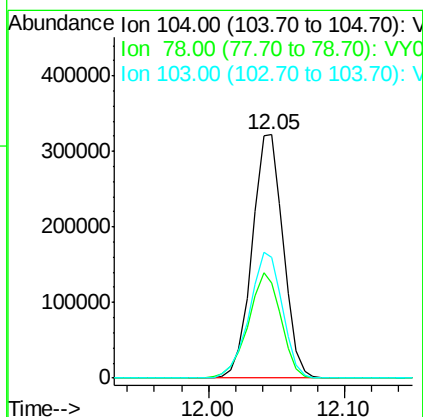
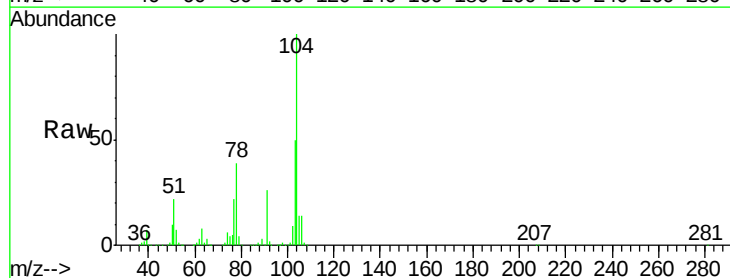
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

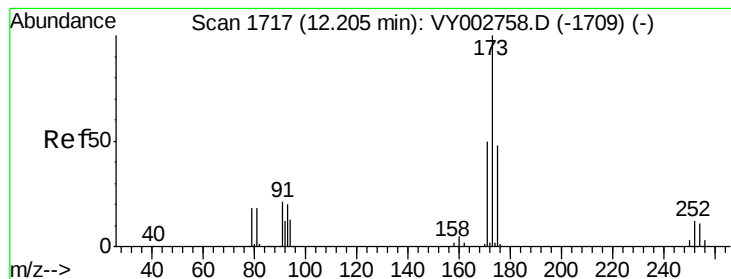
Tot Ion:106 Resp: 295024
Ion Ratio Lower Upper
106 100
91 207.1 102.4 307.1



#70
Styrene
Concen: 49.668 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion:104 Resp: 517518
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 49.095 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

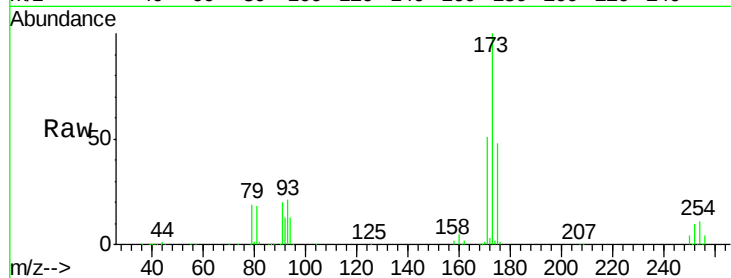
Tot Ion:173 Resp: 117195

Ion Ratio Lower Upper

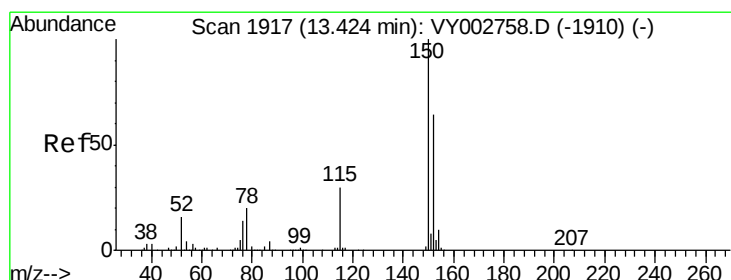
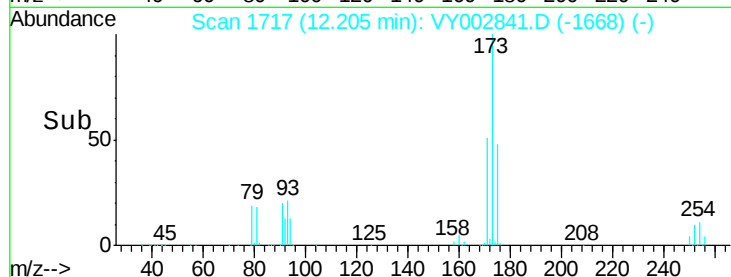
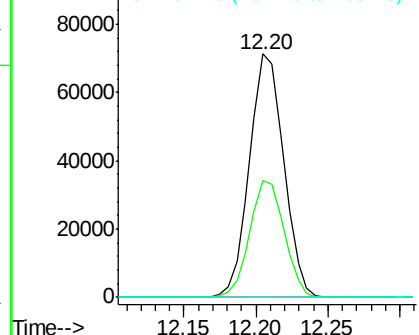
173 100

175 48.4 24.3 72.8

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

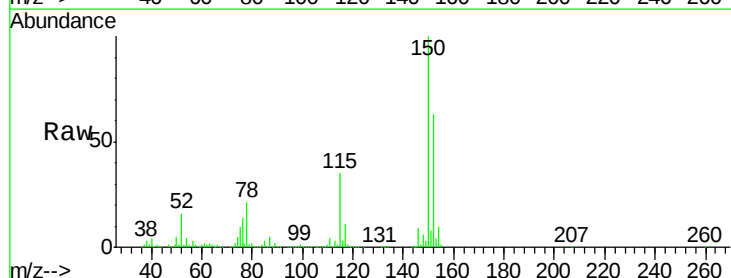
Tgt Ion:152 Resp: 251050

Ion Ratio Lower Upper

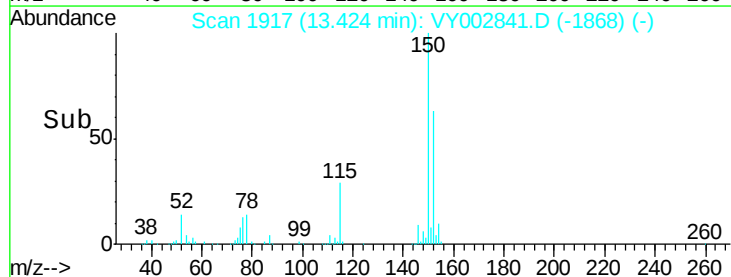
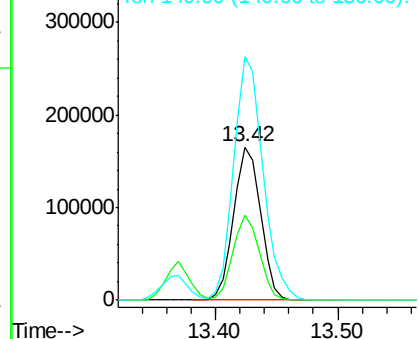
152 100

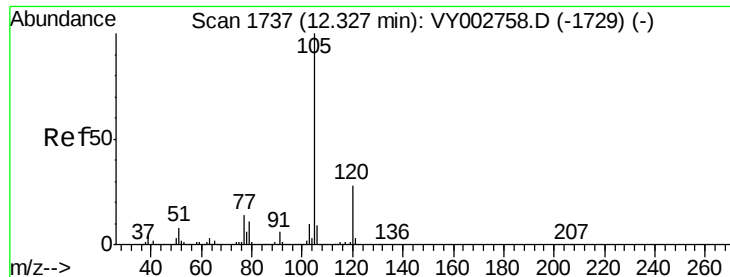
115 54.2 27.0 81.0

150 173.2 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.029 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

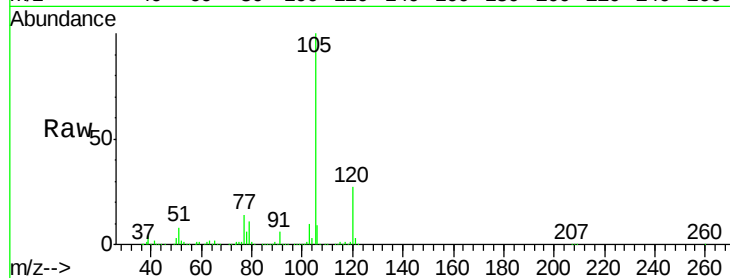
VSTDCCC050EC

Tot Ion:105 Resp: 804875

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

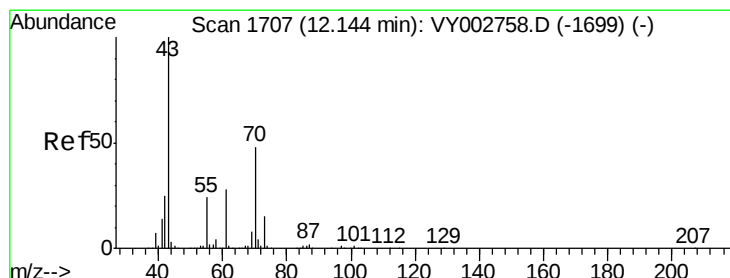
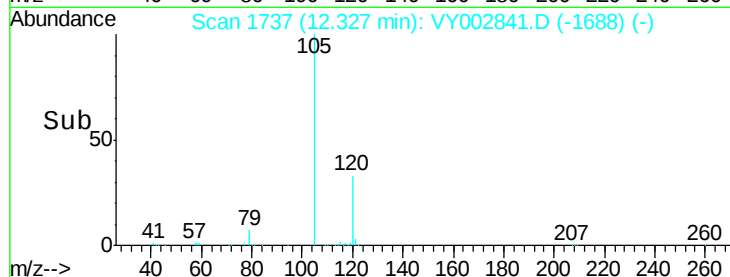
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.823 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Tgt Ion: 43 Resp: 213926

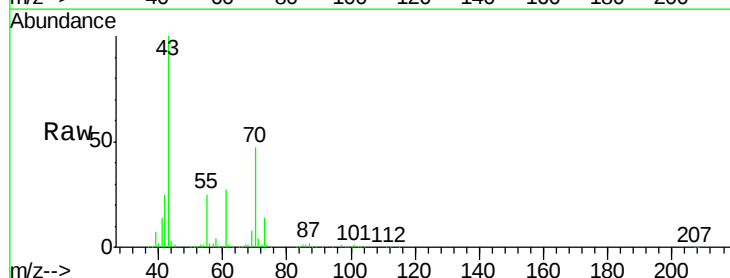
Ion Ratio Lower Upper

43 100

70 46.5 37.7 56.5

55 24.7 19.8 29.6

61 26.8 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

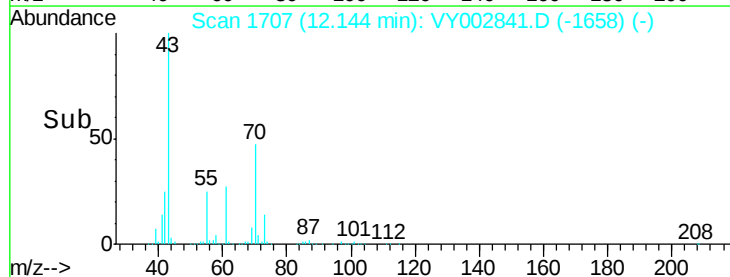
150000

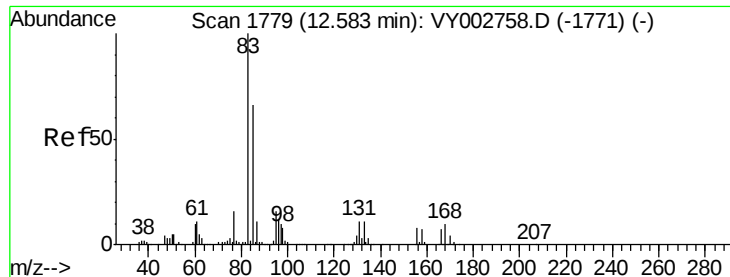
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.783 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

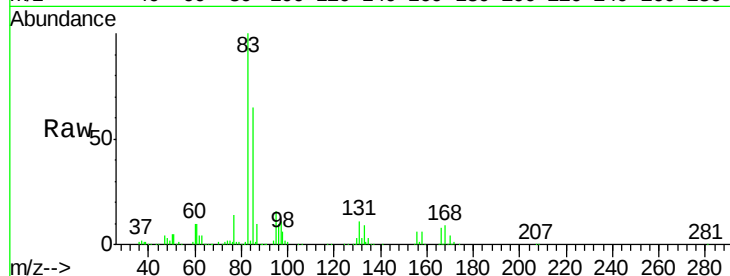
Tot Ion: 83 Resp: 148995

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

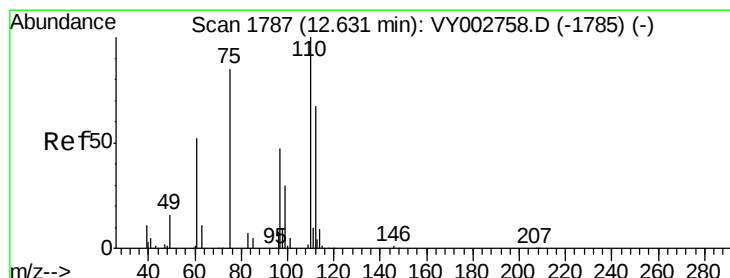
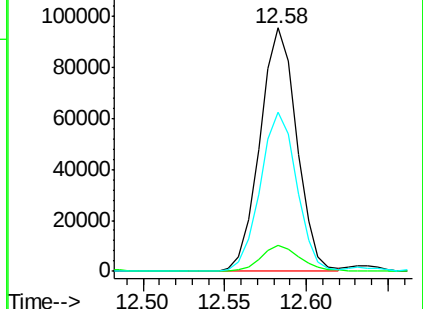
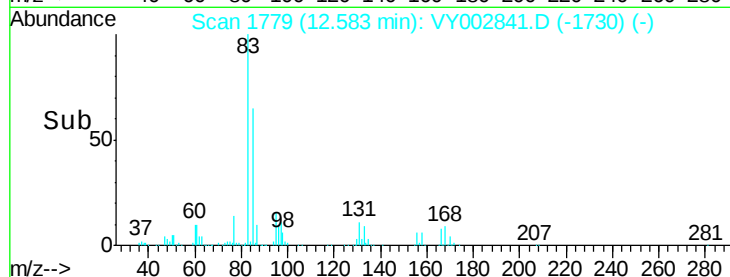
85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002841.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002841.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002841.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 51.685 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002841.D

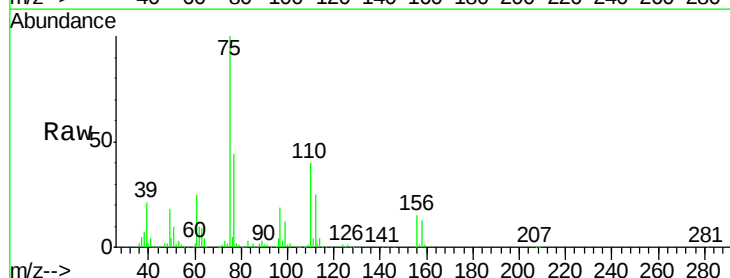
Acq: 04 Jun 2020 16:18

Tgt Ion: 75 Resp: 116919

Ion Ratio Lower Upper

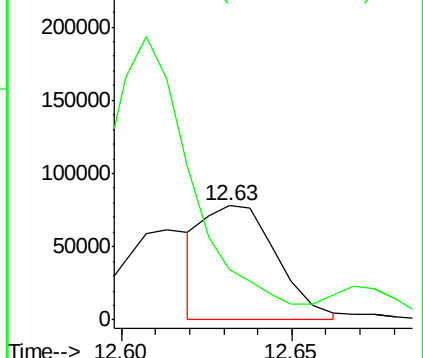
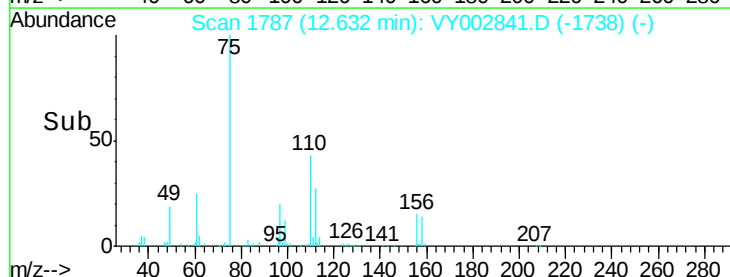
75 100

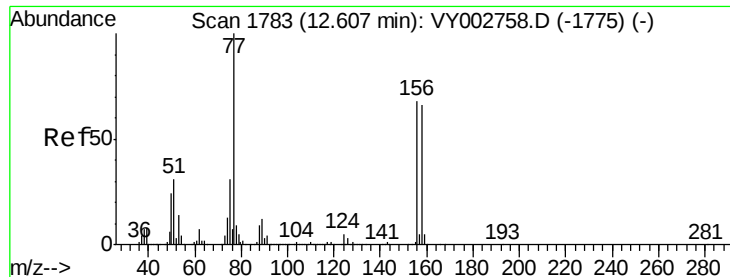
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002841.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002841.D (-1738) (-)





#77

Bromobenzene

Concen: 49.678 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

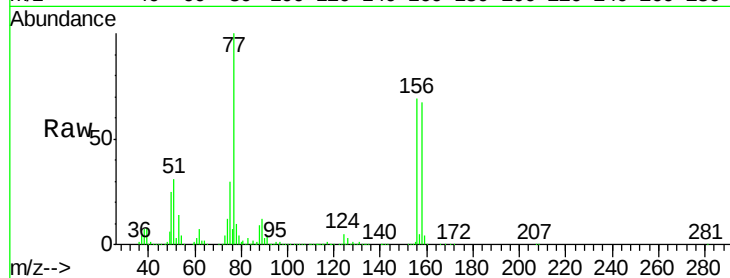
Tot Ion:156 Resp: 208109

Ion Ratio Lower Upper

156 100

77 166.1 81.4 244.2

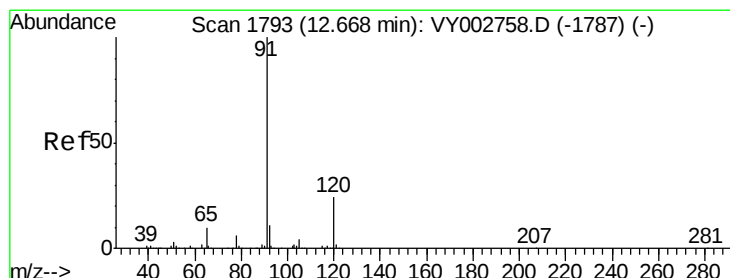
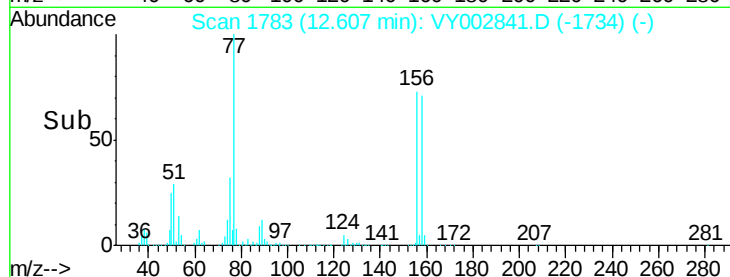
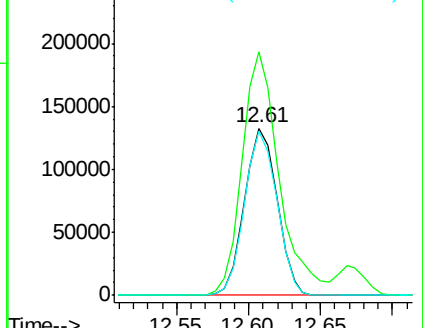
158 97.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.195 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002841.D

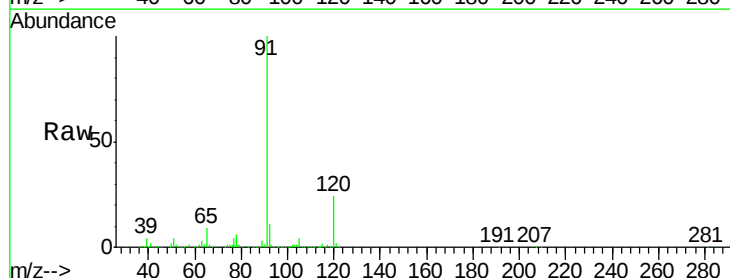
Acq: 04 Jun 2020 16:18

Tgt Ion: 91 Resp: 932825

Ion Ratio Lower Upper

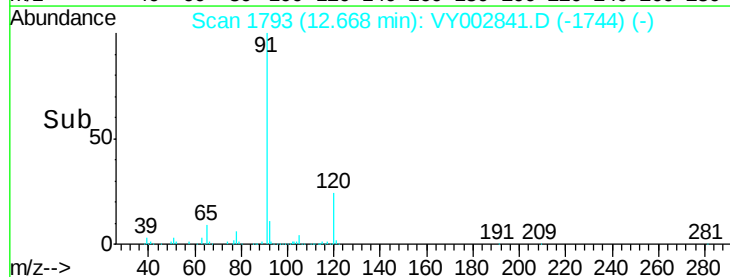
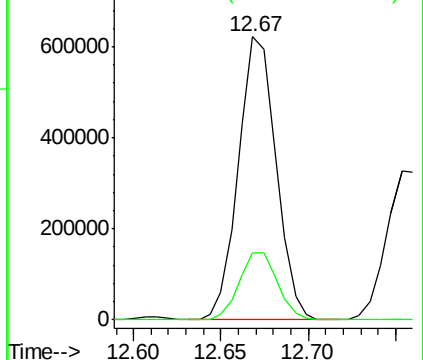
91 100

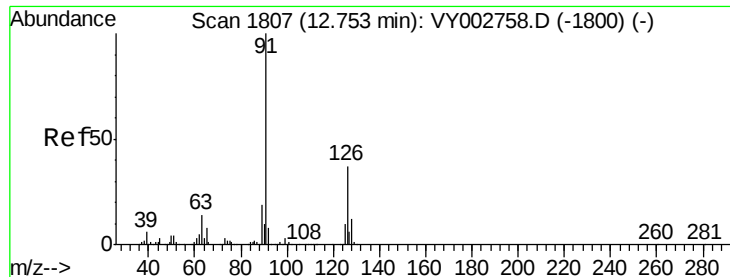
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

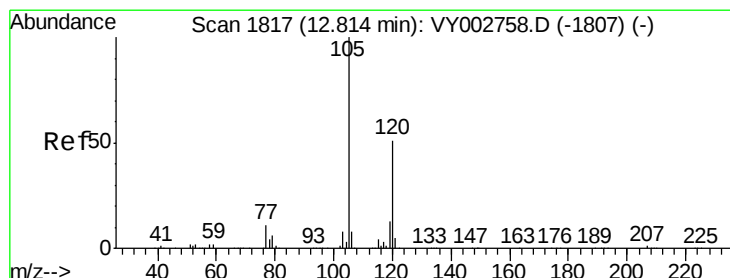
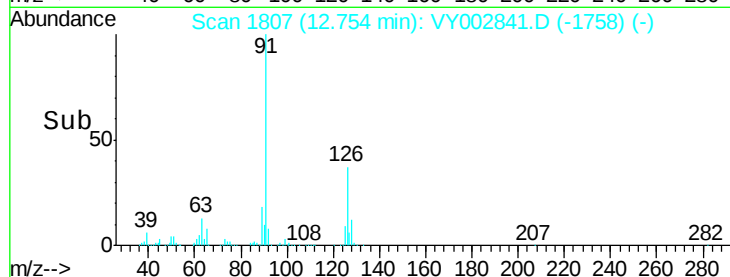
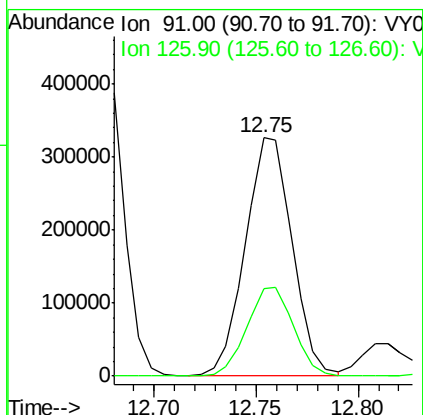
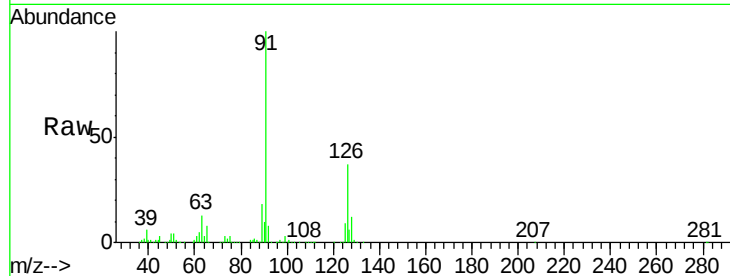




#79
 2-Chlorotoluene
 Concen: 50.072 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

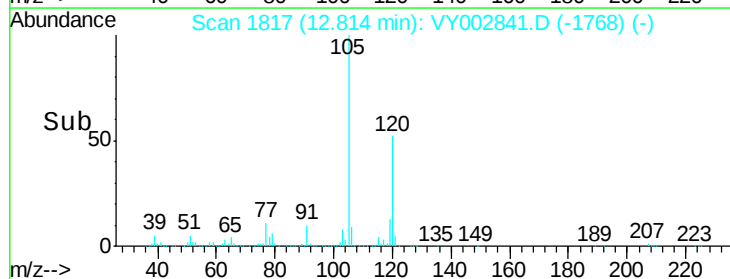
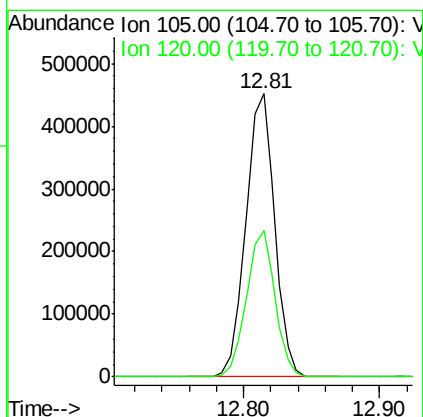
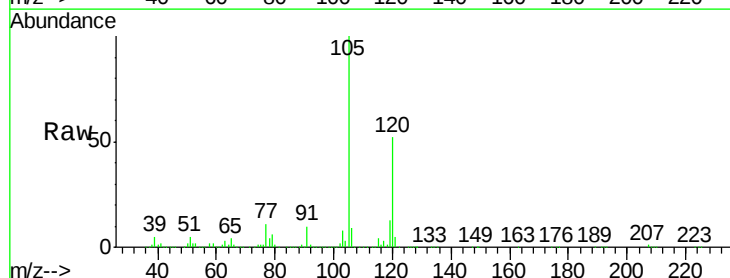
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

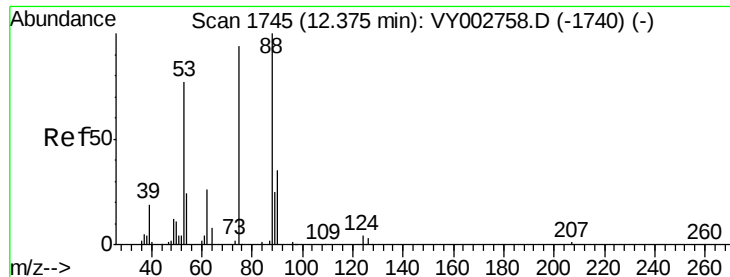
Tot Ion: 91 Resp: 521978
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.823 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Tgt Ion: 105 Resp: 669271
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.286 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

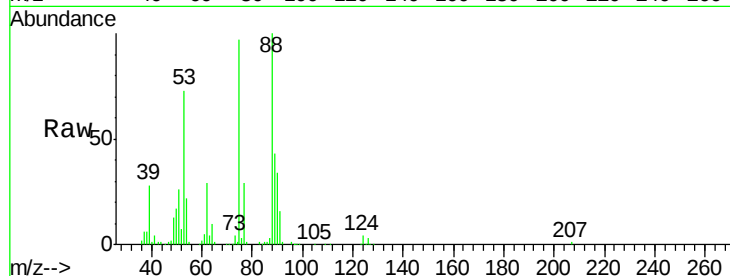
Tot Ion: 75 Resp: 60379

Ion Ratio Lower Upper

75 100

53 79.4 64.0 96.0

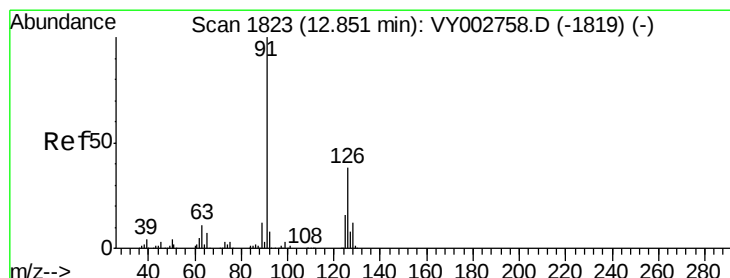
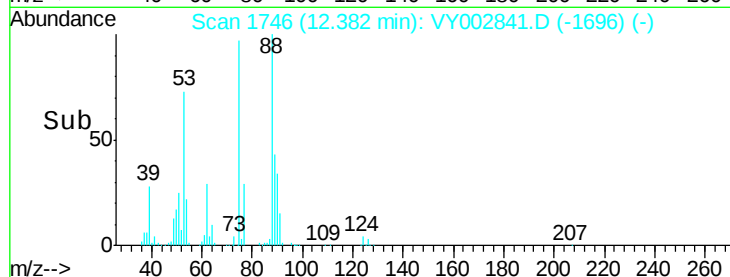
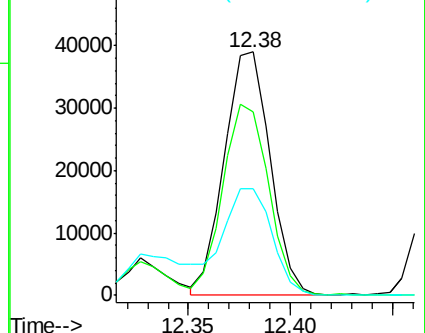
89 46.0 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.212 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002841.D

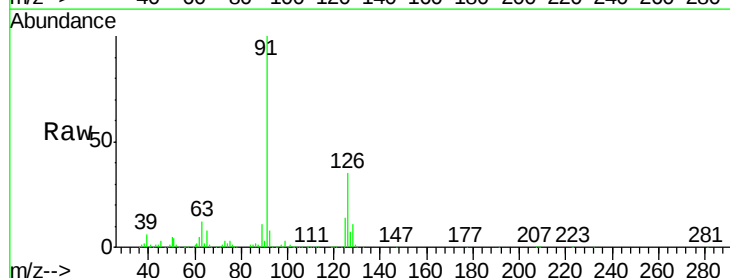
Acq: 04 Jun 2020 16:18

Tgt Ion: 91 Resp: 548416

Ion Ratio Lower Upper

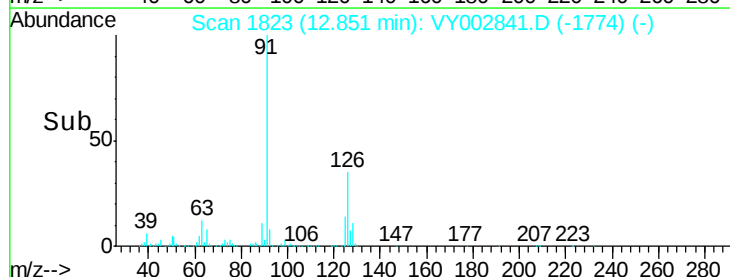
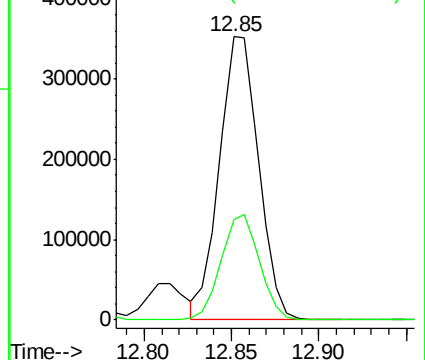
91 100

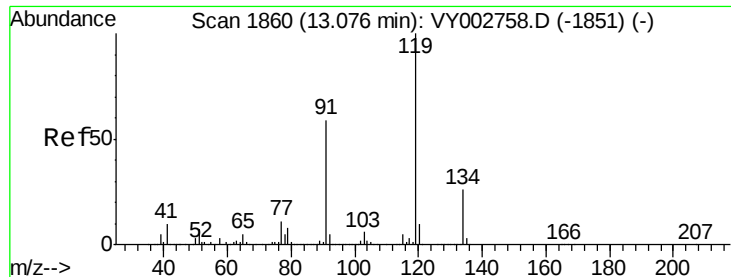
126 36.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.946 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

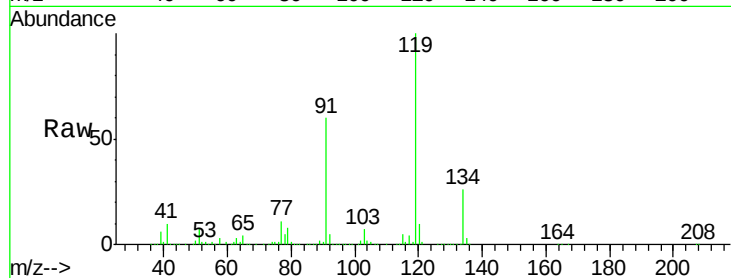
Tot Ion:119 Resp: 598472

Ion Ratio Lower Upper

119 100

91 59.5 29.8 89.4

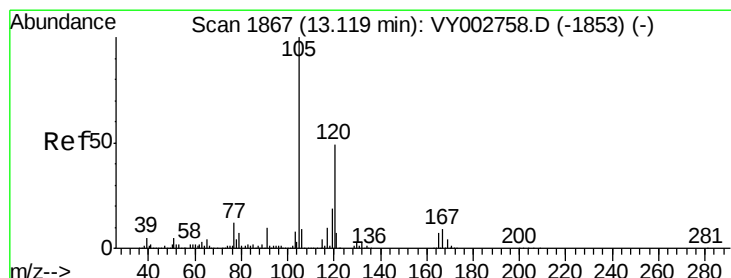
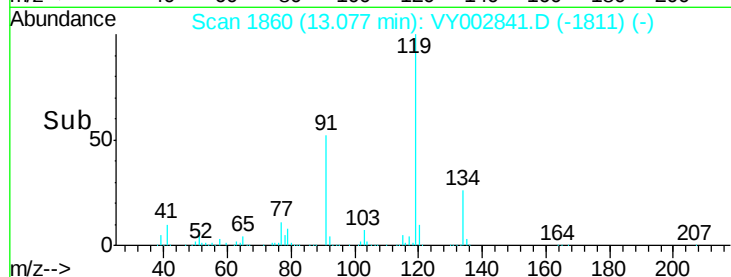
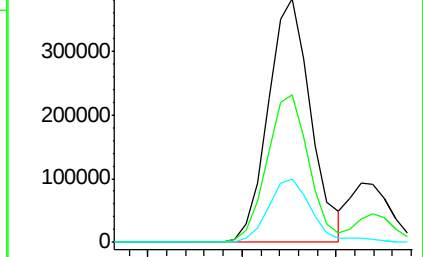
134 26.9 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.883 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002841.D

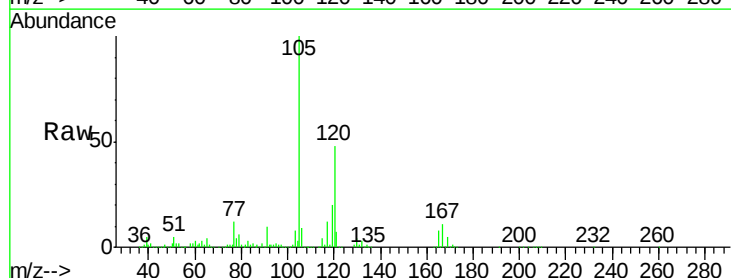
Acq: 04 Jun 2020 16:18

Tgt Ion:105 Resp: 673767

Ion Ratio Lower Upper

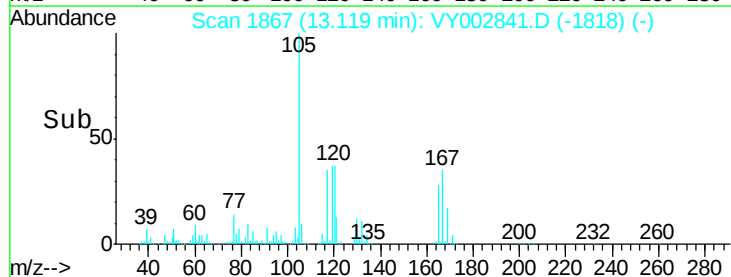
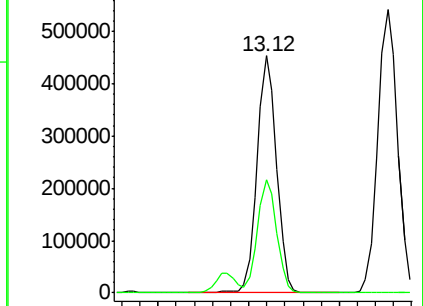
105 100

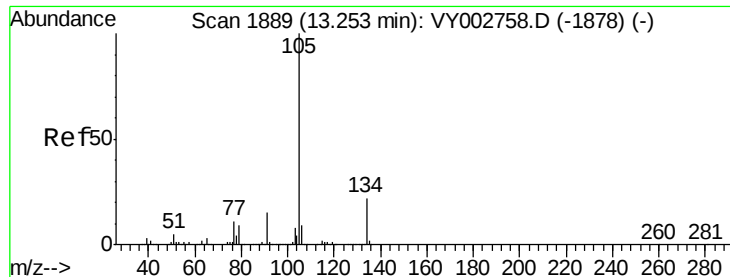
120 46.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.835 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

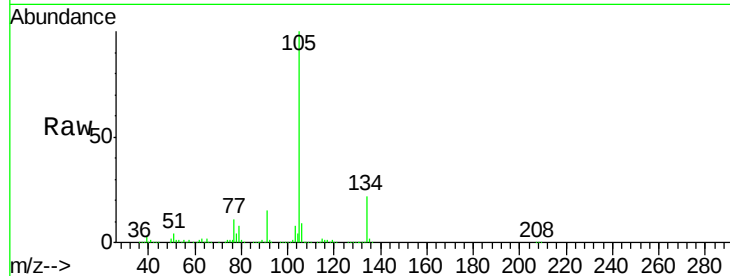
VSTDCCC050EC

Tot Ion:105 Resp: 816483

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

600000

500000

400000

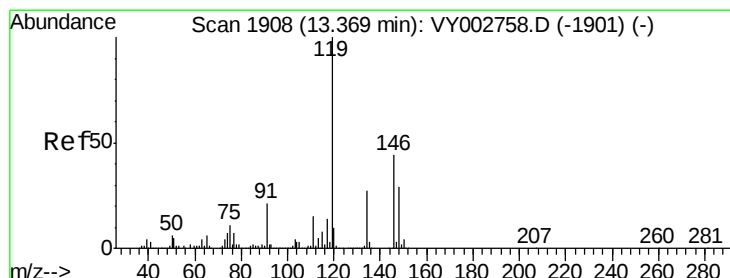
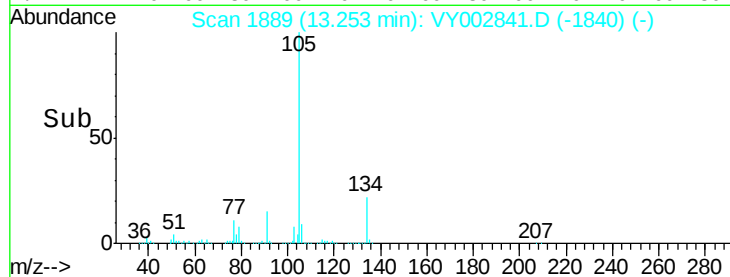
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.117 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

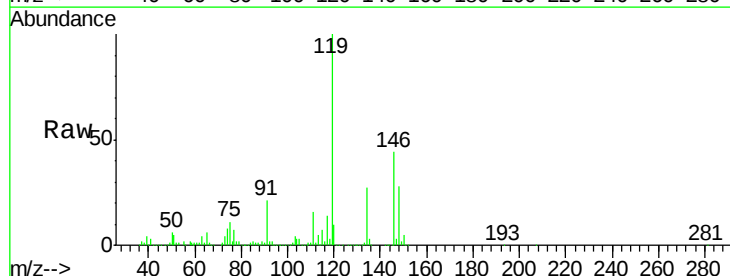
Tgt Ion:119 Resp: 764036

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

91 21.2 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

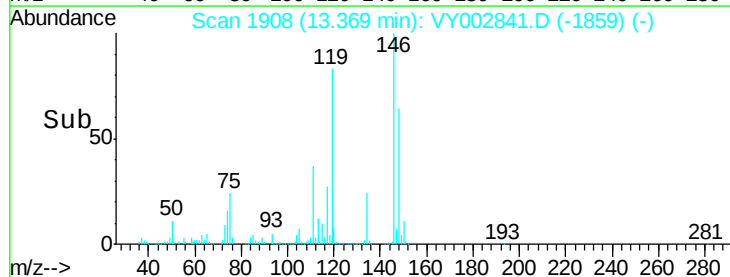
600000

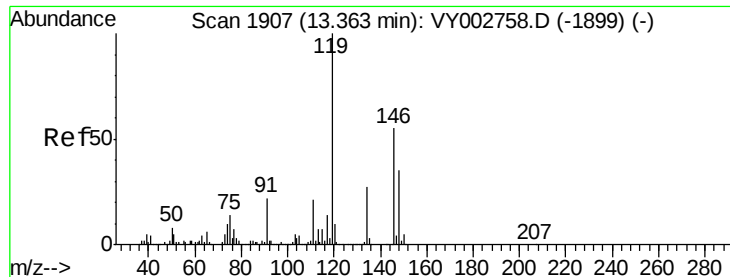
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.293 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

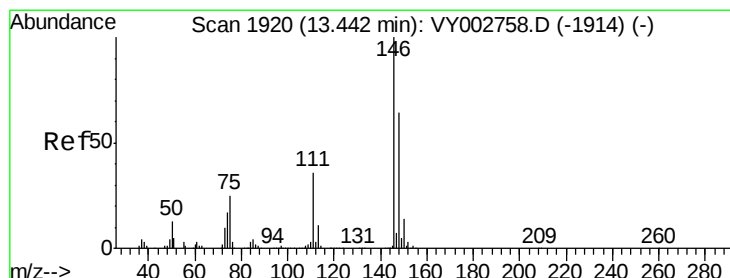
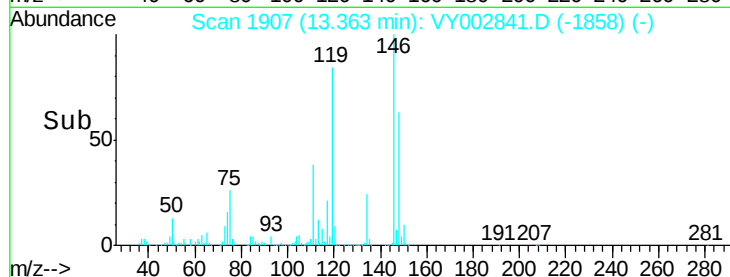
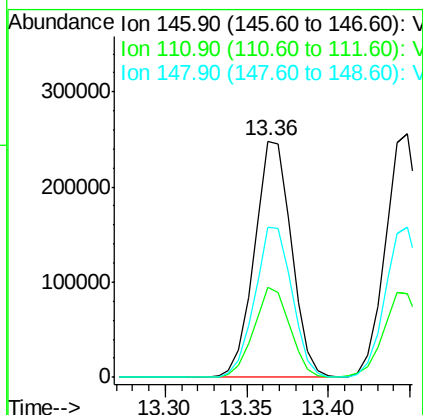
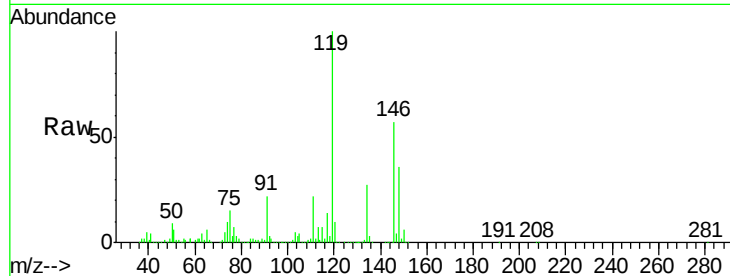
Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 391149

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.0
148	63.9	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 49.530 ug/l

RT: 13.45 min Scan# 1921

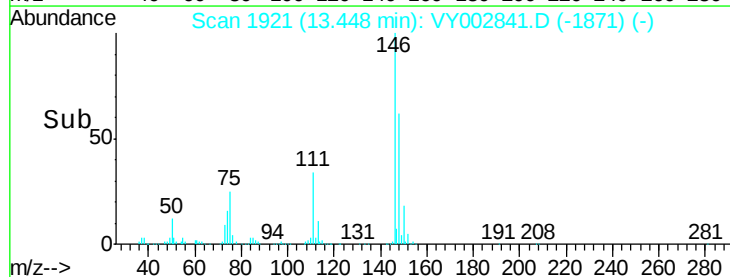
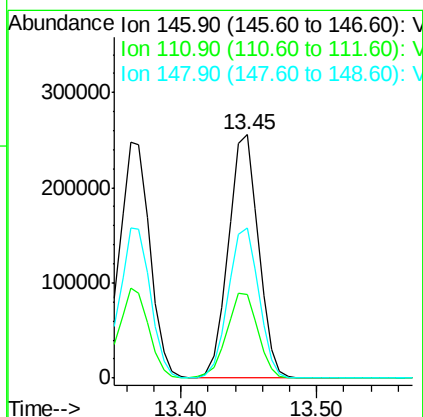
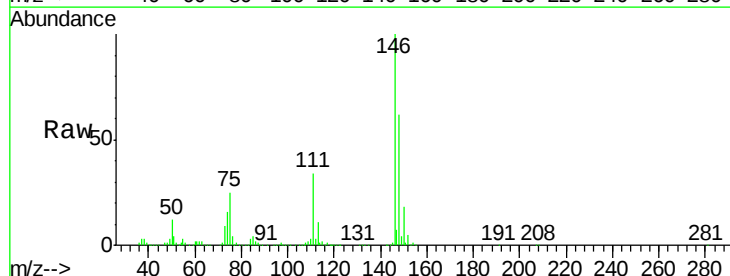
Delta R.T. 0.01 min

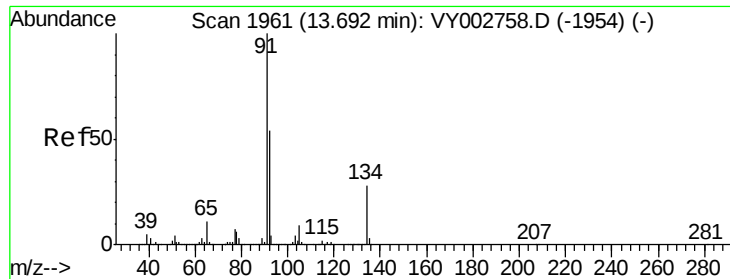
Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Tgt Ion:146 Resp: 393160

Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.3
148	62.9	32.1	96.3

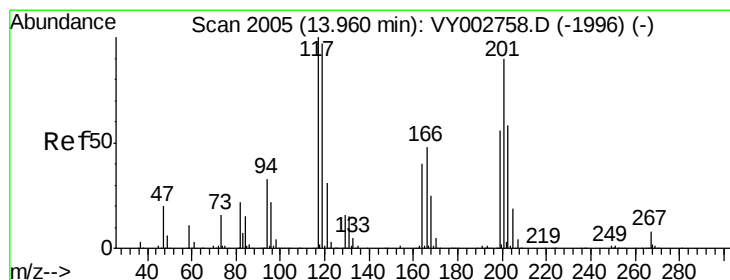
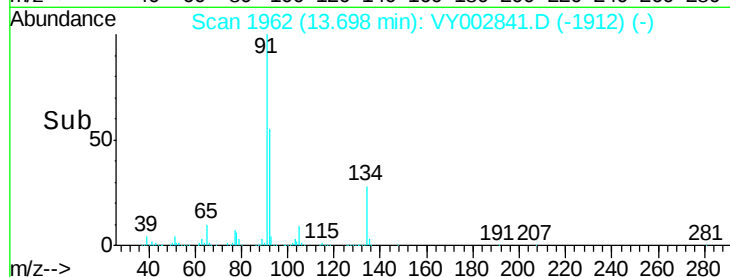
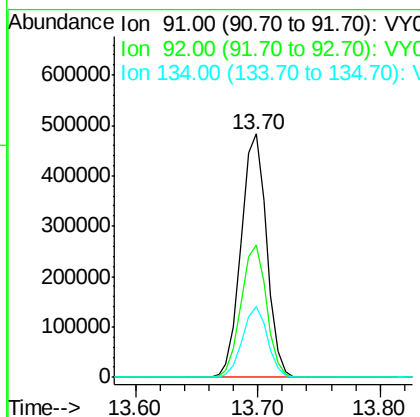
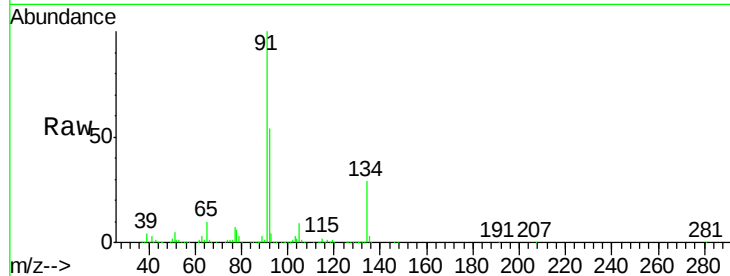




#89
n-Butylbenzene
Concen: 50.198 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

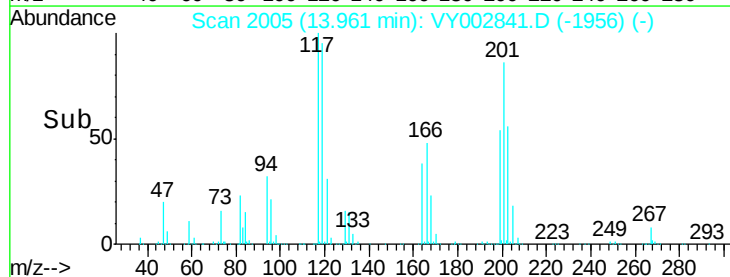
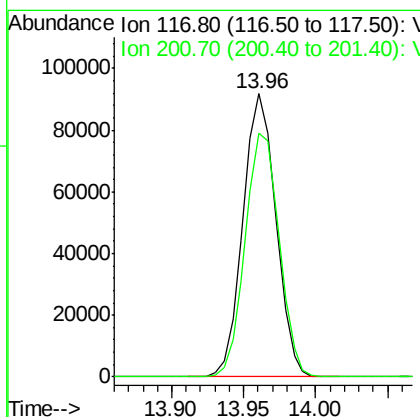
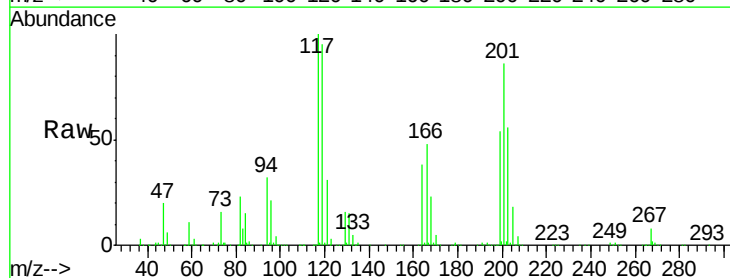
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

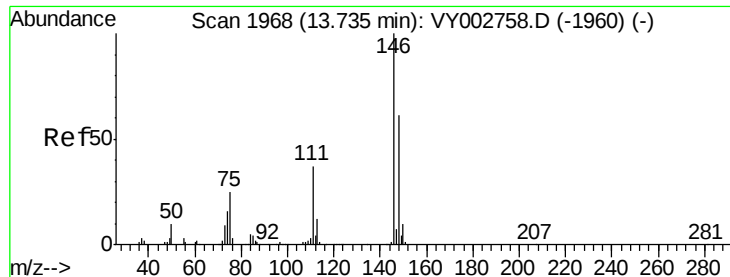
Tot Ion: 91 Resp: 694787
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.2
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 50.958 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002841.D
Acq: 04 Jun 2020 16:18

Tgt Ion: 117 Resp: 145435
Ion Ratio Lower Upper
117 100
201 88.8 43.9 131.6

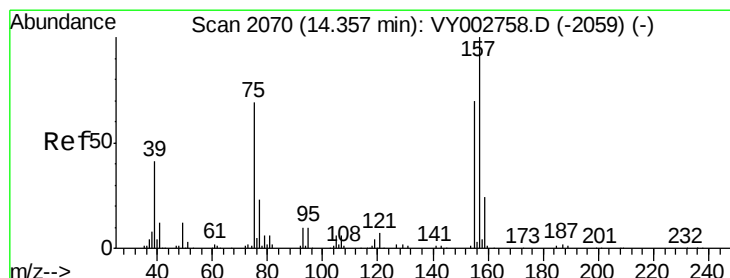
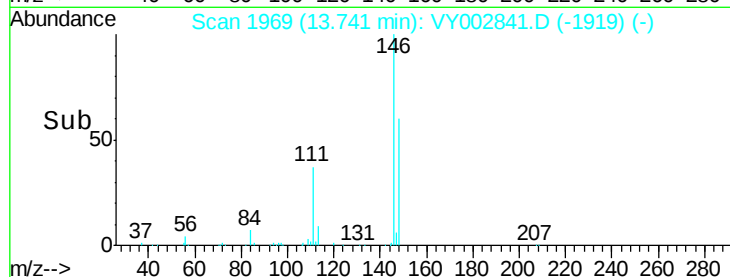
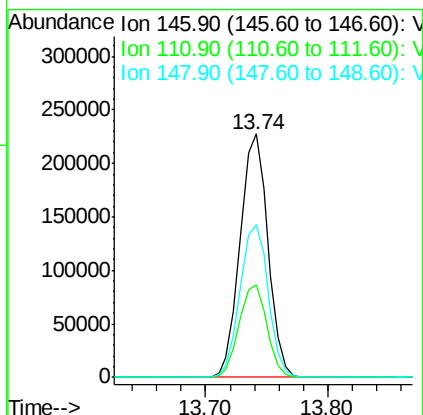
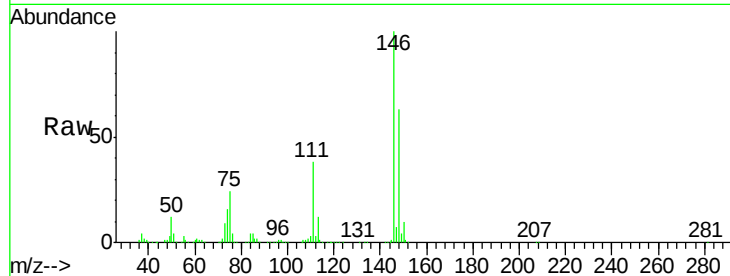




#91
 1,2-Dichlorobenzene
 Concen: 49.862 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

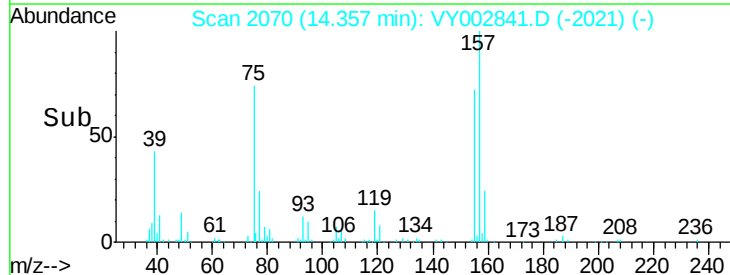
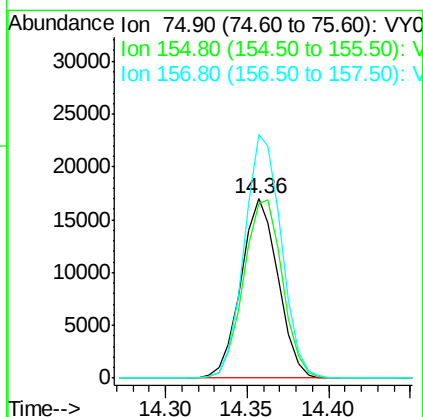
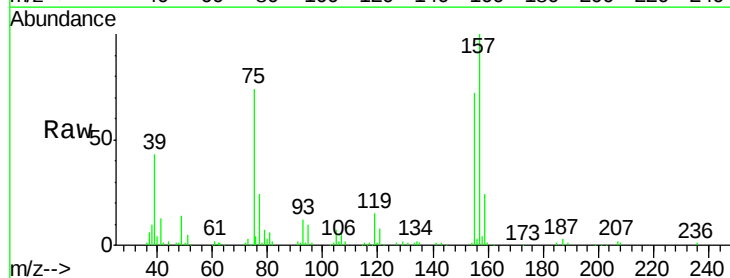
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

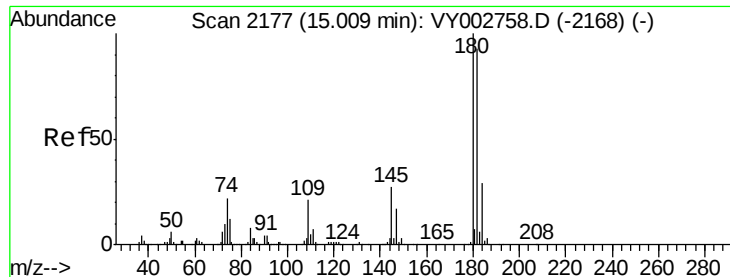
Tot Ion:146 Resp: 358824
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 63.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.331 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Tgt Ion: 75 Resp: 26791
 Ion Ratio Lower Upper
 75 100
 155 104.0 53.5 160.5
 157 135.2 69.9 209.7

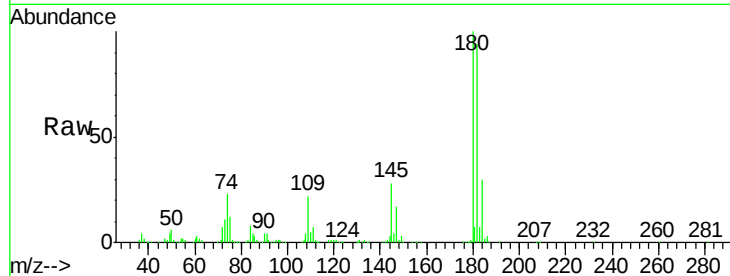




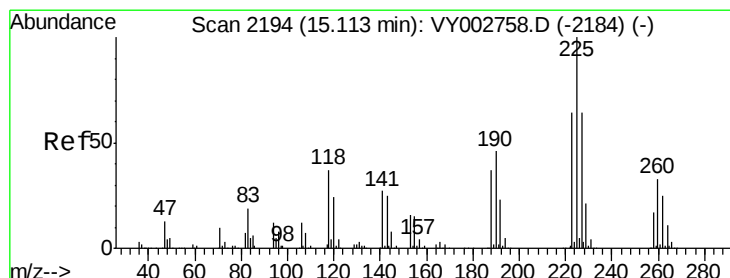
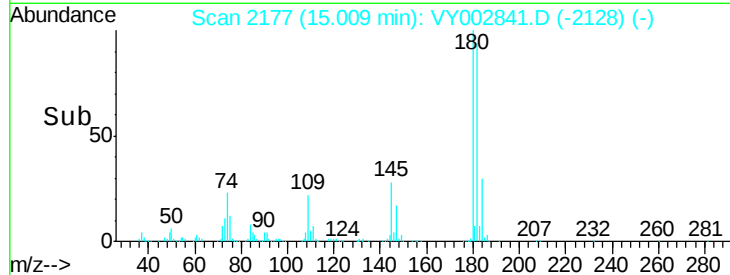
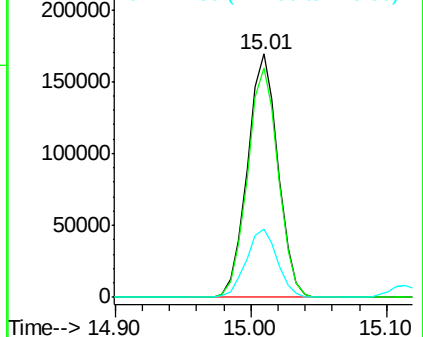
#93
 1,2,4-Trichlorobenzene
 Concen: 49.044 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 266027
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 141.9
 145 28.5 14.1 42.3

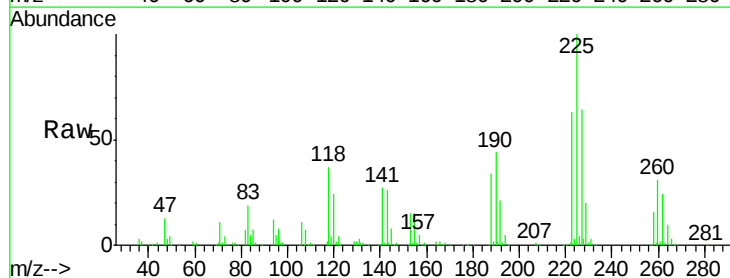


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

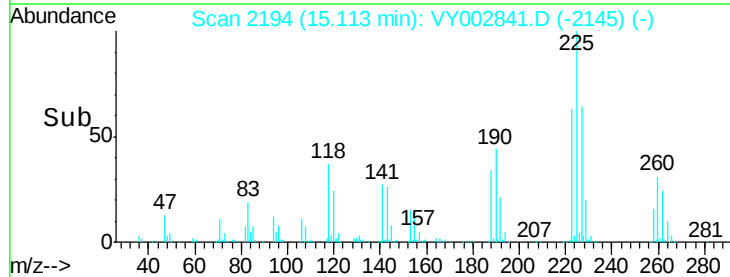
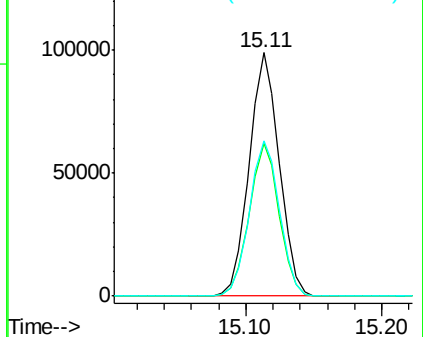


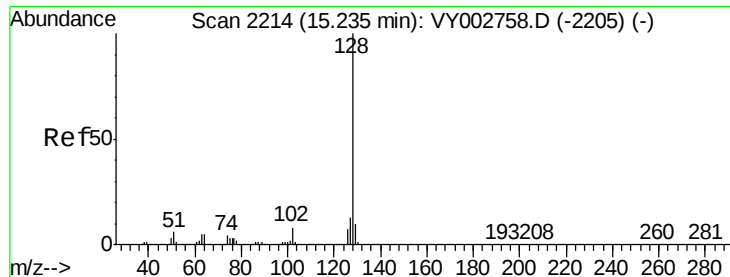
#94
 Hexachlorobutadiene
 Concen: 49.864 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002841.D
 Acq: 04 Jun 2020 16:18

Tgt Ion:225 Resp: 153409
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.0 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.390 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

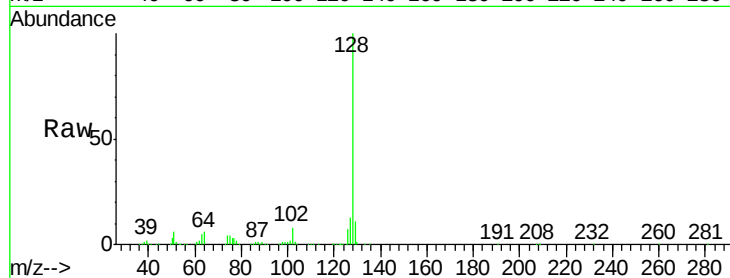
Tot Ion:128 Resp: 526282

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

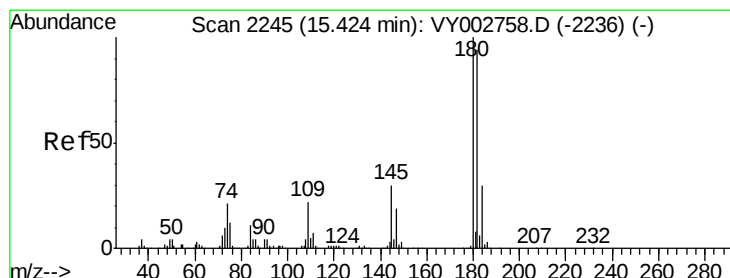
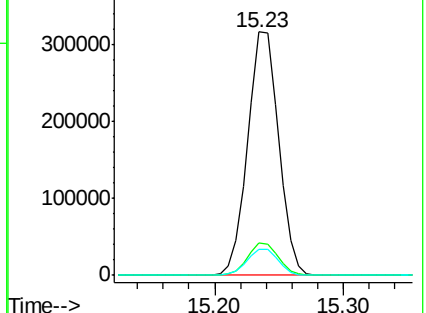
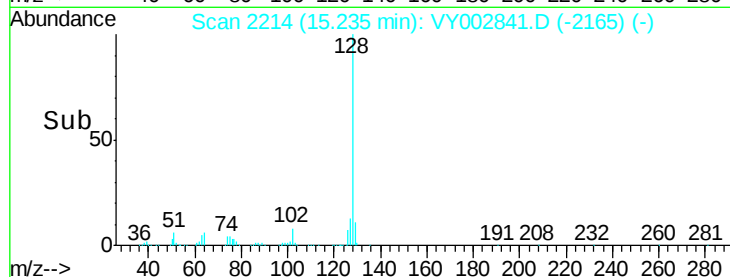
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.084 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002841.D

Acq: 04 Jun 2020 16:18

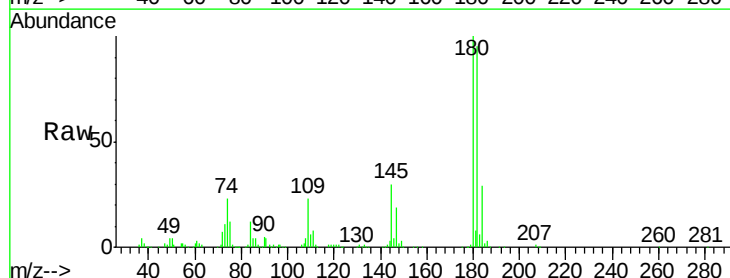
Tgt Ion:180 Resp: 237755

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.4

145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

