

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002745.D
 Acq On : 21 May 2020 16:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 21 17:13:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	360399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	534409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	493581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	257567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	148827	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.72	113	158535	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
50) Toluene-d8	10.18	98	634382	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.48	95	215395	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	120593	46.696	ug/l	99
3) Chloromethane	2.12	50	138708	46.898	ug/l	100
4) Vinyl Chloride	2.26	62	149255	48.429	ug/l	99
5) Bromomethane	2.65	94	107658	47.131	ug/l	98
6) Chloroethane	2.80	64	94727	48.065	ug/l	98
7) Trichlorofluoromethane	3.13	101	247183	47.592	ug/l	97
8) Diethyl Ether	3.54	74	89437	50.620	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	152554	48.455	ug/l	98
10) Methyl Iodide	4.10	142	207958	47.988	ug/l	99
11) Tert butyl alcohol	4.97	59	73425	256.466	ug/l	99
12) 1,1-Dichloroethene	3.88	96	152532	48.251	ug/l	97
13) Acrolein	3.74	56	76817	228.762	ug/l	97
14) Allyl chloride	4.49	41	226732	49.959	ug/l	98
15) Acrylonitrile	5.18	53	209485	261.851	ug/l	100
16) Acetone	3.96	43	148301	255.190	ug/l	99
17) Carbon Disulfide	4.20	76	470491	47.448	ug/l	100
18) Methyl Acetate	4.48	43	86768	52.365	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	403585	51.470	ug/l	99
20) Methylene Chloride	4.72	84	172358	49.065	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	169139	48.117	ug/l	99
22) Diisopropyl ether	6.13	45	459690	51.053	ug/l	98
23) Vinyl Acetate	6.07	43	1499142	260.018	ug/l	99
24) 1,1-Dichloroethane	6.03	63	269954	50.174	ug/l	98
25) 2-Butanone	7.00	43	251946	262.028	ug/l	99
26) 2,2-Dichloropropane	6.99	77	235490	47.040	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	186615	49.132	ug/l	99
28) Bromochloromethane	7.34	49	107371	50.446	ug/l	99
29) Tetrahydrofuran	7.36	42	174475	266.695	ug/l	99
30) Chloroform	7.51	83	277154	49.632	ug/l	100
31) Cyclohexane	7.79	56	256950	47.086	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	252831	49.000	ug/l	100
36) 1,1-Dichloropropene	7.93	75	219668	48.556	ug/l	100
37) Ethyl Acetate	7.08	43	118073	53.063	ug/l	99
38) Carbon Tetrachloride	7.91	117	235006	48.333	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002745.D
 Acq On : 21 May 2020 16:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 21 17:13:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	291021	47.841	ug/l	98
40) Benzene	8.17	78	650329	49.267	ug/l	99
41) Methacrylonitrile	7.33	41	71185m	53.248	ug/l	
42) 1,2-Dichloroethane	8.24	62	172985	49.687	ug/l	99
43) Isopropyl Acetate	8.28	43	219294	53.030	ug/l	100
44) Trichloroethene	8.94	130	210772	50.093	ug/l	99
45) 1,2-Dichloropropane	9.22	63	157809	50.372	ug/l	99
46) Dibromomethane	9.31	93	90008	51.137	ug/l	99
47) Bromodichloromethane	9.50	83	218419	50.846	ug/l	98
48) Methyl methacrylate	9.30	41	100260	52.658	ug/l	99
49) 1,4-Dioxane	9.30	88	26016	1085.247	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	574798	269.222	ug/l	100
52) Toluene	10.24	92	417998	48.932	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	231984	50.596	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	268379	50.491	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	135644	51.764	ug/l	98
56) Ethyl methacrylate	10.51	69	185156	53.075	ug/l	99
57) 1,3-Dichloropropane	10.79	76	222511	50.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	474151	275.316	ug/l	99
59) 2-Hexanone	10.83	43	403614	271.342	ug/l	99
60) Dibromochloromethane	10.99	129	170807	51.022	ug/l	100
61) 1,2-Dibromoethane	11.09	107	133244	51.610	ug/l	99
64) Tetrachloroethene	10.72	164	232815	49.684	ug/l	98
65) Chlorobenzene	11.52	112	464295	48.679	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	176118	49.753	ug/l	99
67) Ethyl Benzene	11.59	91	810727	48.411	ug/l	99
68) m/p-Xylenes	11.70	106	629112	96.559	ug/l	100
69) o-Xylene	12.03	106	296698	48.519	ug/l	100
70) Styrene	12.04	104	517662	49.305	ug/l	99
71) Bromoform	12.20	173	112194	51.274	ug/l #	100
73) Isopropylbenzene	12.33	105	811529	48.219	ug/l	100
74) N-amyl acetate	12.14	43	205807	52.112	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	126852	51.185	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	106870m	50.510	ug/l	
77) Bromobenzene	12.61	156	205677	48.882	ug/l	100
78) n-propylbenzene	12.67	91	942566	48.143	ug/l	100
79) 2-Chlorotoluene	12.75	91	518915	47.787	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	675159	47.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56475	50.480	ug/l #	80
82) 4-Chlorotoluene	12.85	91	543968	47.823	ug/l	100
83) tert-Butylbenzene	13.07	119	599779	47.923	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	679977	48.113	ug/l	99
85) sec-Butylbenzene	13.25	105	819953	47.478	ug/l	100
86) p-Isopropyltoluene	13.37	119	770681	47.675	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	390191	48.097	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	385461	47.725	ug/l	100
89) n-Butylbenzene	13.69	91	698221	47.034	ug/l	100
90) Hexachloroethane	13.96	117	143343	47.875	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	349780	48.075	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24282	51.092	ug/l	99

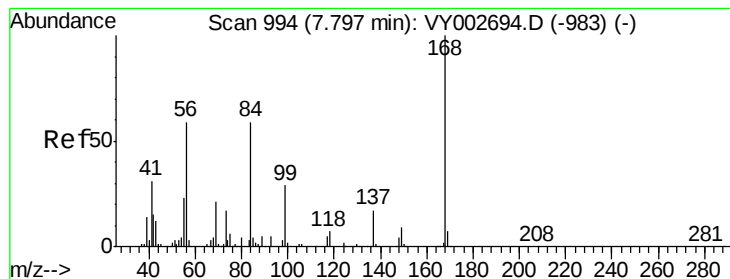
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
Data File : VY002745.D
Acq On : 21 May 2020 16:52
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: May 21 17:13:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	253502	48.243	ug/l	99
94) Hexachlorobutadiene	15.11	225	149297	47.521	ug/l	99
95) Naphthalene	15.23	128	475589	47.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	216982	48.512	ug/l	100

(#) = 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: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

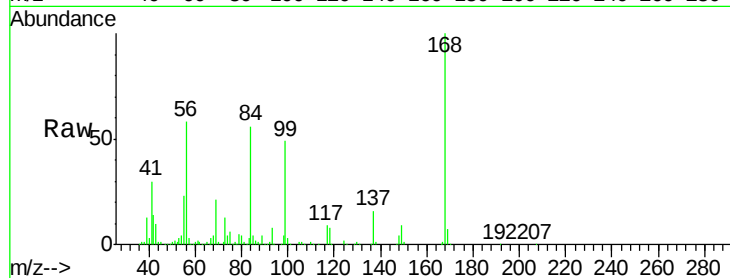
VSTDCCC050EC

Tot Ion:168 Resp: 360399

Ion Ratio Lower Upper

168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002694.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002694.D (-983) (-)

7.80

150000

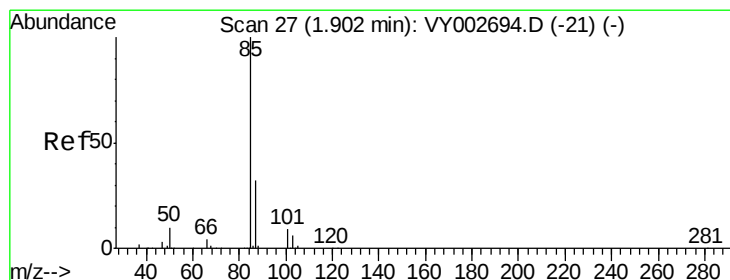
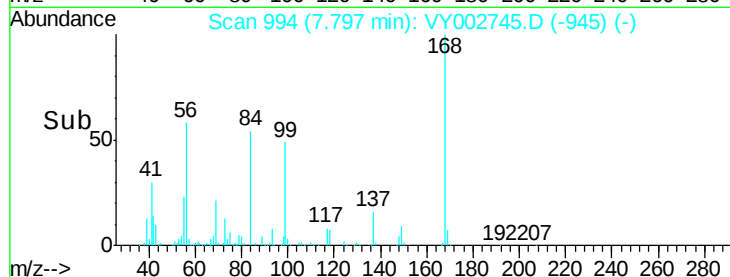
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.696 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY002745.D

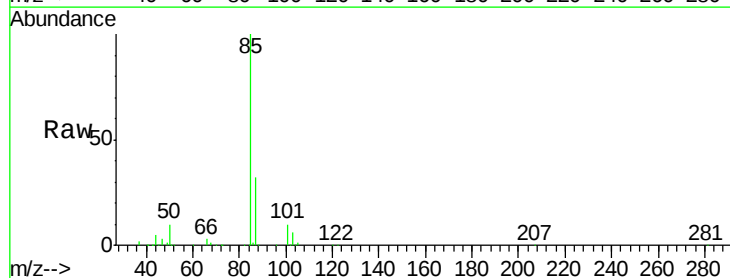
Acq: 21 May 2020 16:52

Tgt Ion: 85 Resp: 120593

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002694.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002694.D (-21) (-)

1.90

100000

80000

60000

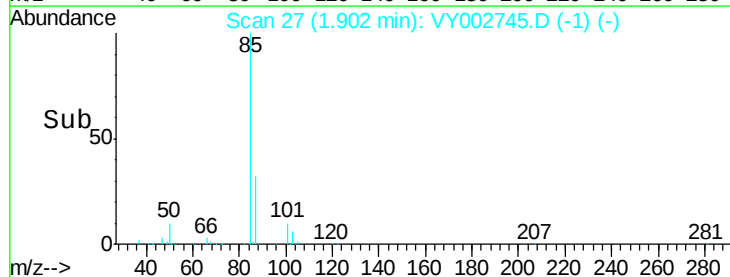
40000

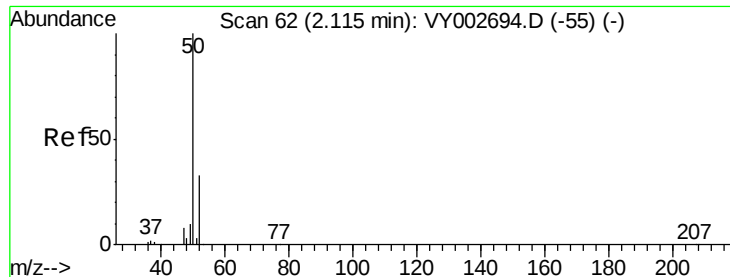
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.898 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

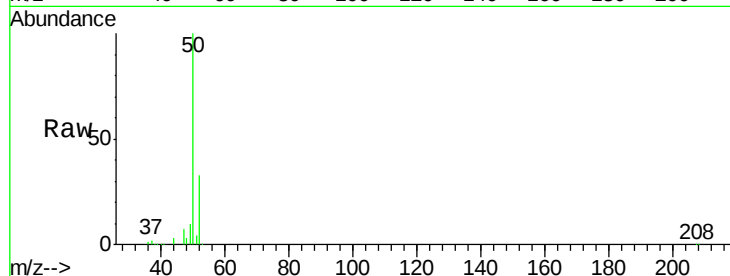
VSTDCCC050EC

Tot Ion: 50 Resp: 138708

Ion Ratio Lower Upper

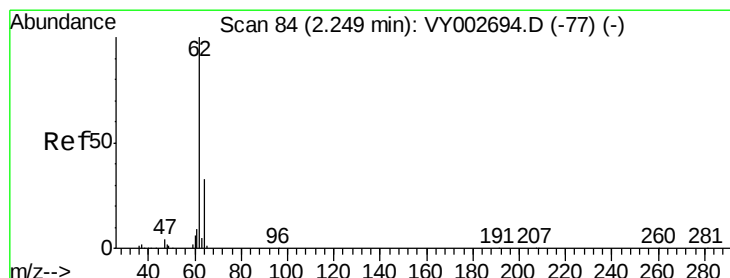
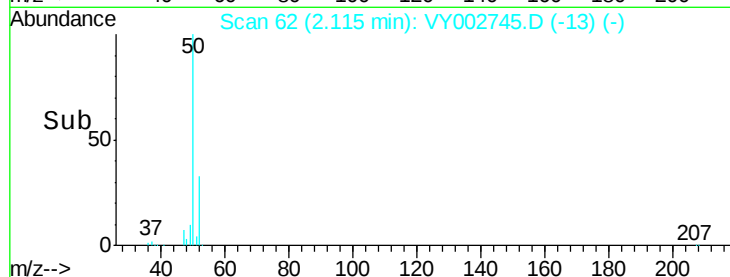
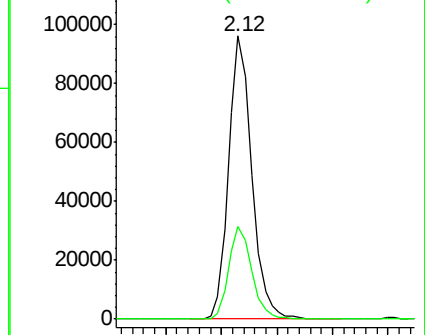
50 100

52 32.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 48.429 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002745.D

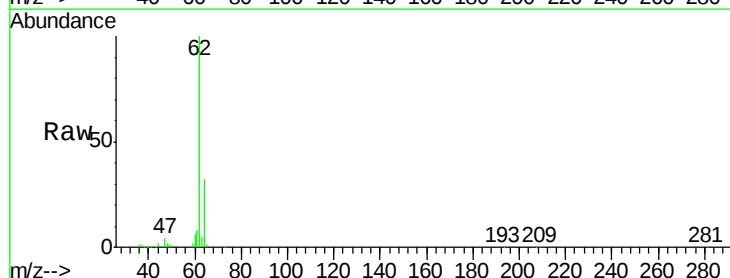
Acq: 21 May 2020 16:52

Tgt Ion: 62 Resp: 149255

Ion Ratio Lower Upper

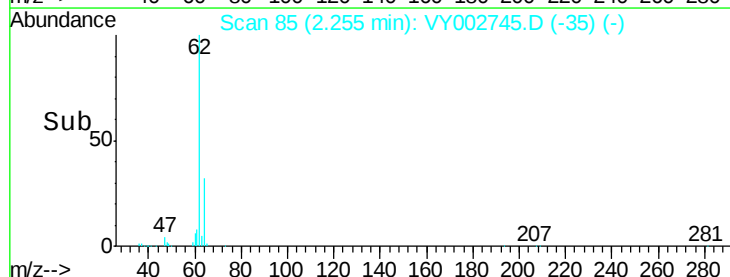
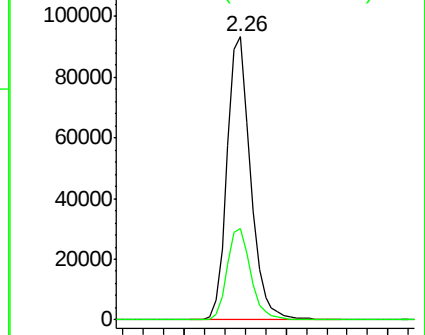
62 100

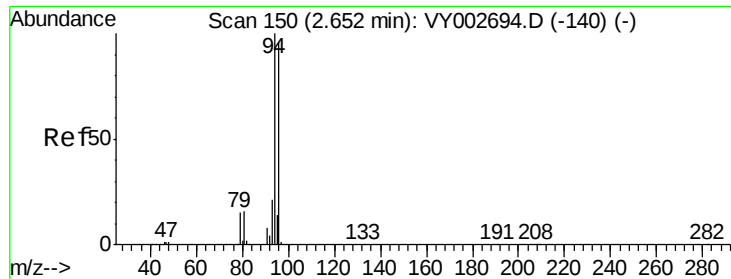
64 32.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 47.131 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

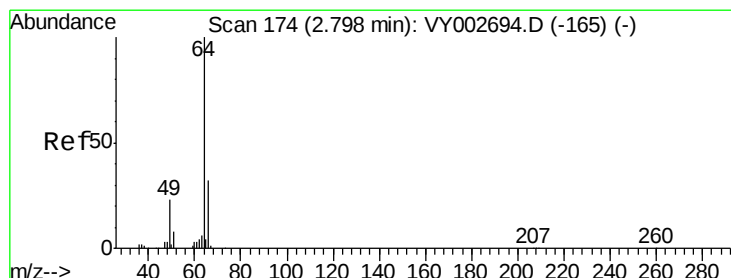
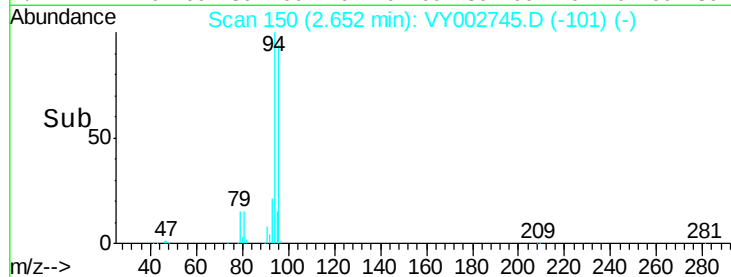
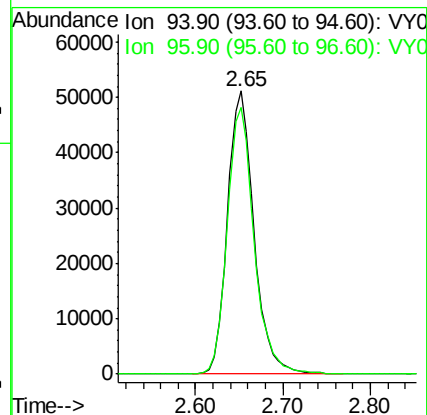
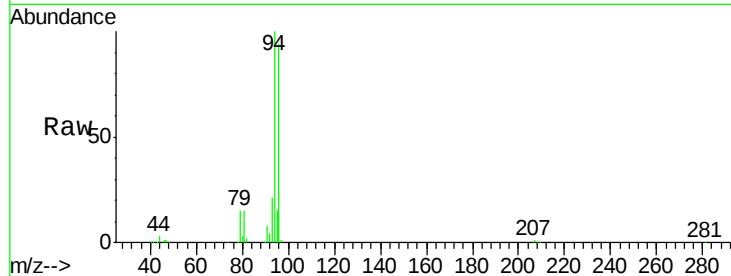
VSTDCCC050EC

Tot Ion: 94 Resp: 107658

Ion Ratio Lower Upper

94 100

96 94.1 76.8 115.2



#6

Chloroethane

Concen: 48.065 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002745.D

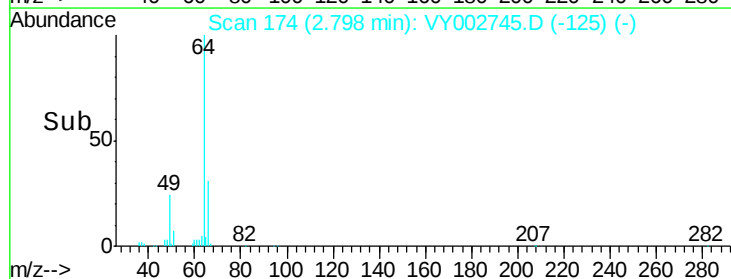
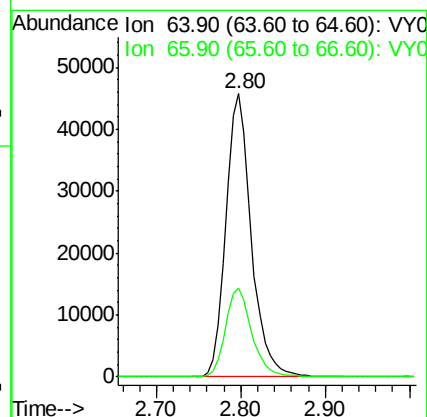
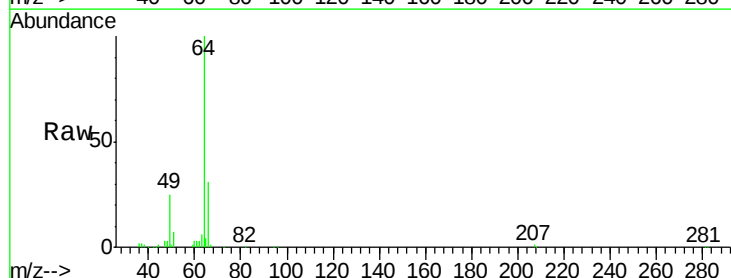
Acq: 21 May 2020 16:52

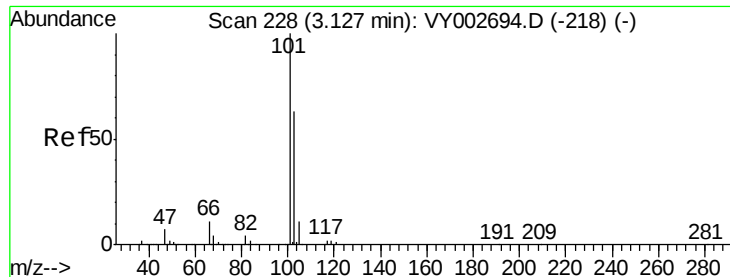
Tgt Ion: 64 Resp: 94727

Ion Ratio Lower Upper

64 100

66 31.4 25.9 38.9



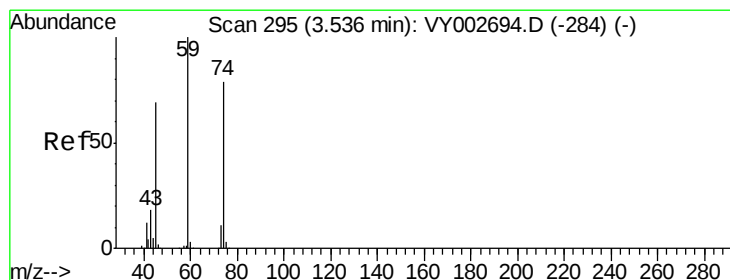
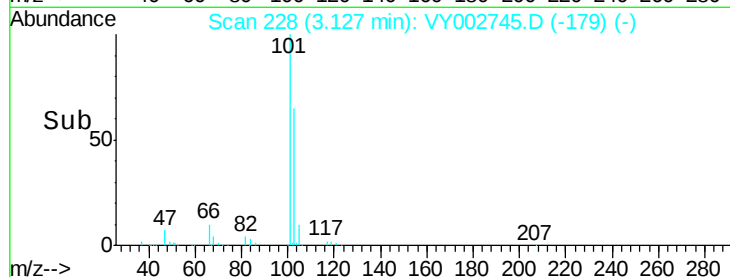
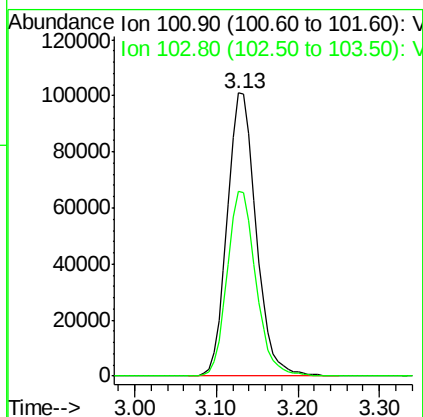
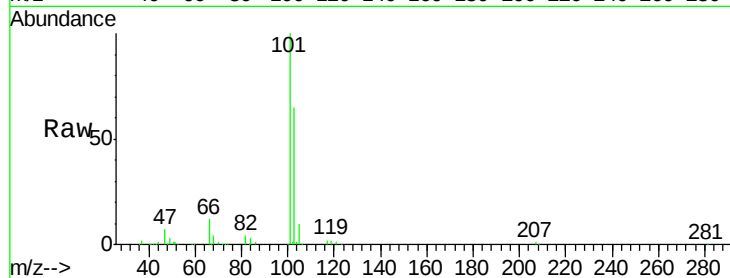


#7

Trichlorofluoromethane
 Concen: 47.592 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

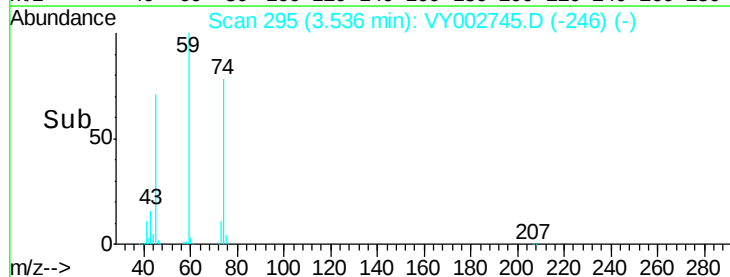
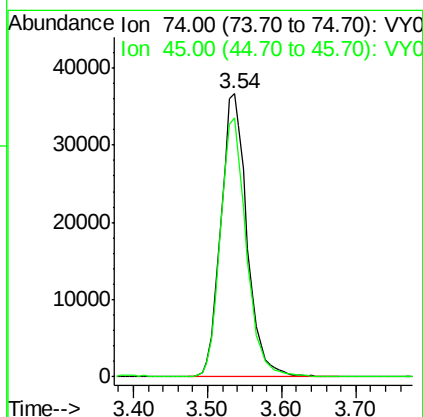
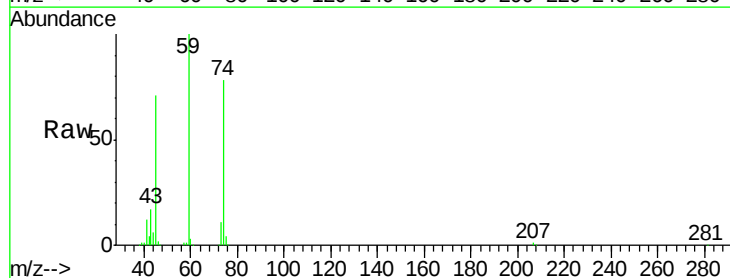
Tot Ion:101 Resp: 247183
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.6 75.8

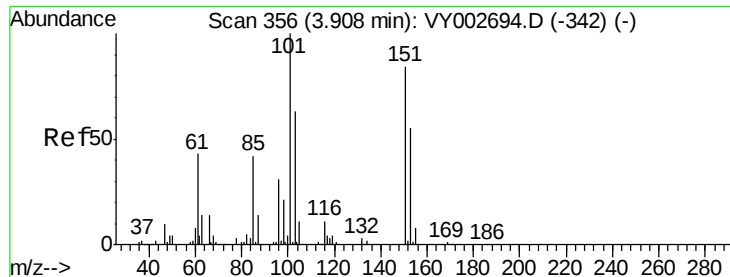


#8

Diethyl Ether
 Concen: 50.620 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Tgt Ion: 74 Resp: 89437
 Ion Ratio Lower Upper
 74 100
 45 90.9 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.455 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

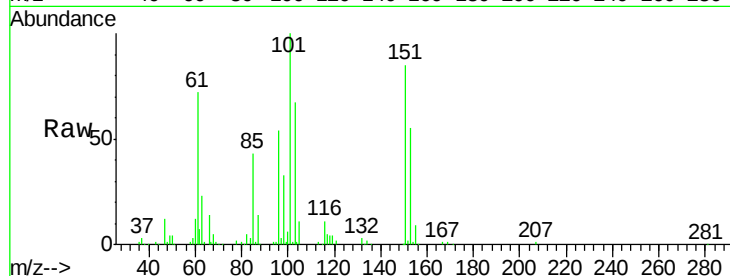
Tot Ion:101 Resp: 152554

Ion Ratio Lower Upper

101 100

85 41.4 33.5 50.3

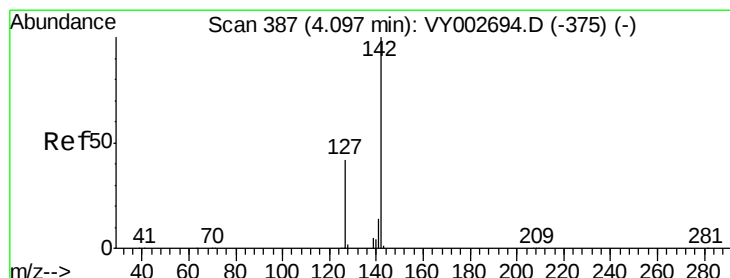
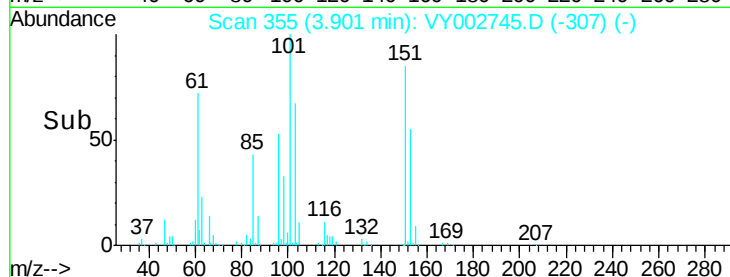
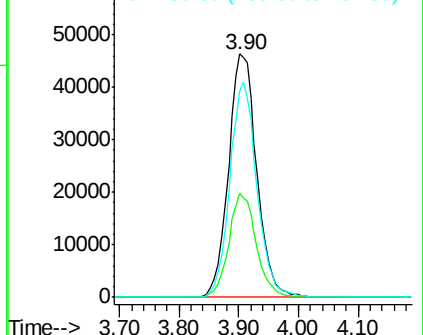
151 84.8 69.6 104.4



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: 47.988 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

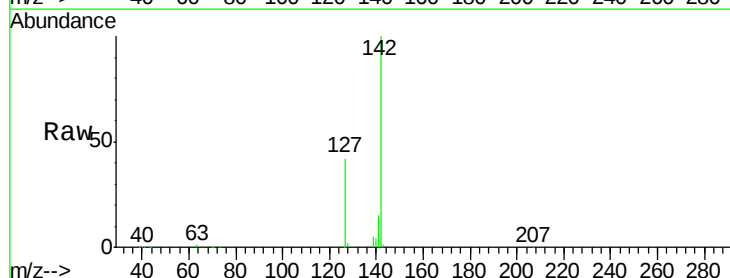
Tgt Ion:142 Resp: 207958

Ion Ratio Lower Upper

142 100

127 40.5 32.8 49.2

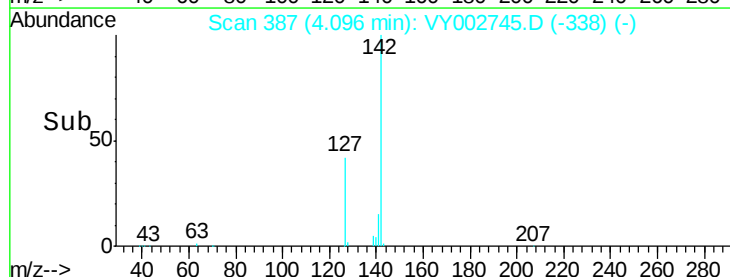
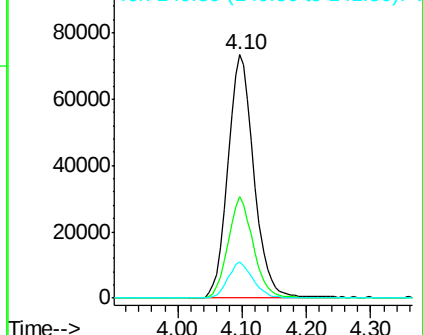
141 14.2 11.3 16.9

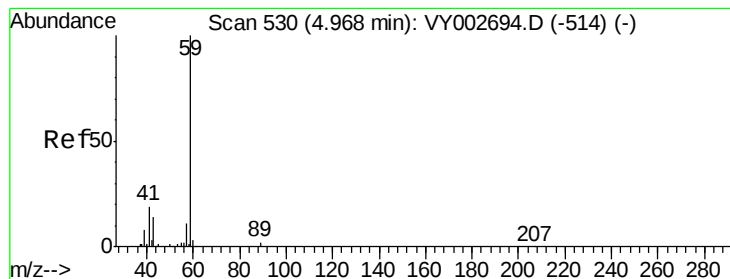


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



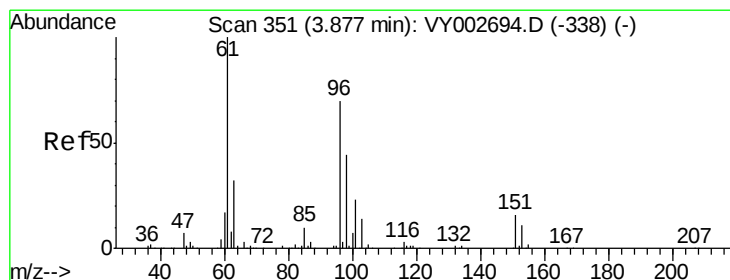
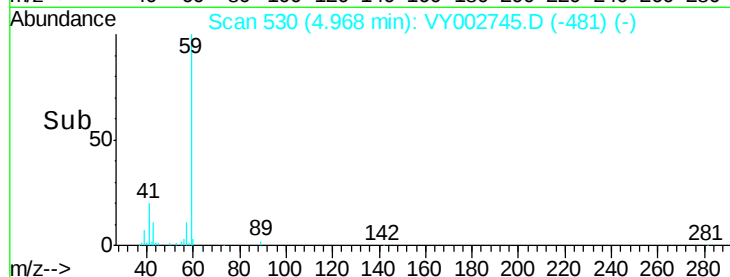
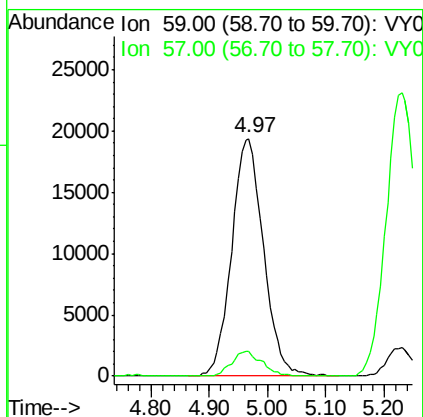
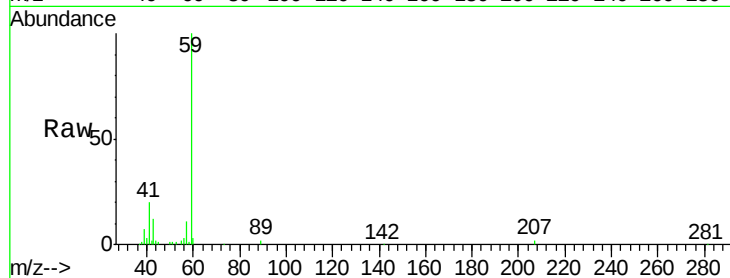


#11

Tert butyl alcohol
 Concen: 256.466 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

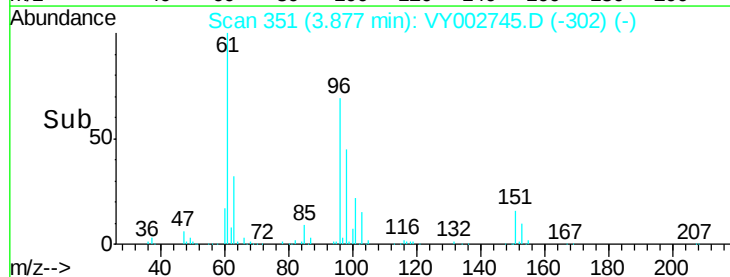
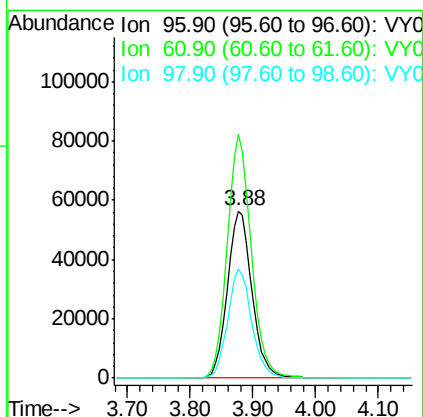
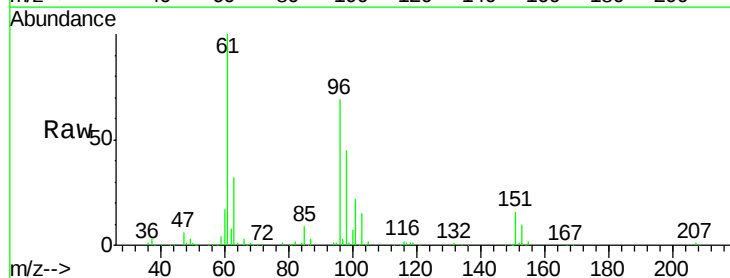
Tot Ion: 59 Resp: 73425
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.7 11.5

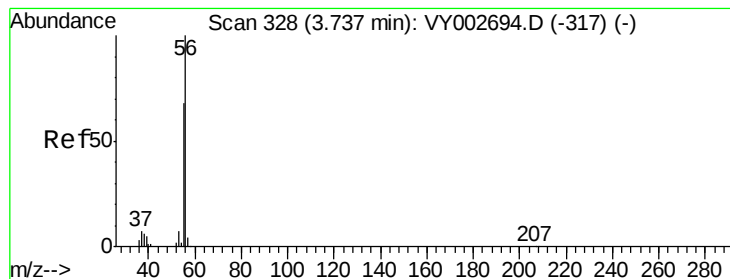


#12

1,1-Dichloroethene
 Concen: 48.251 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Tgt Ion: 96 Resp: 152532
 Ion Ratio Lower Upper
 96 100
 61 145.5 113.8 170.8
 98 65.1 50.4 75.6





#13

Acrolein

Concen: 228.762 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

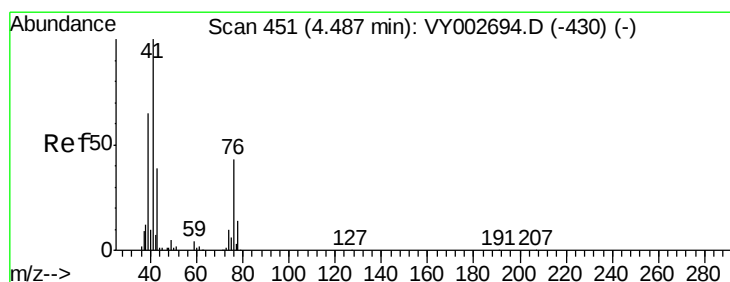
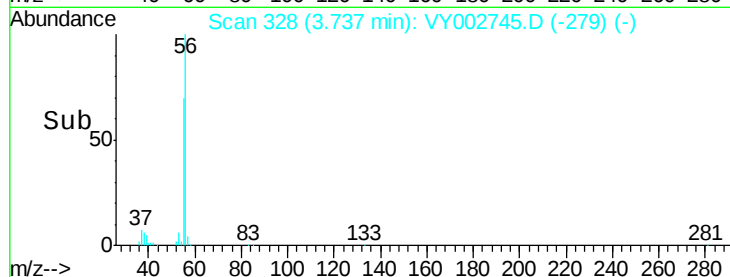
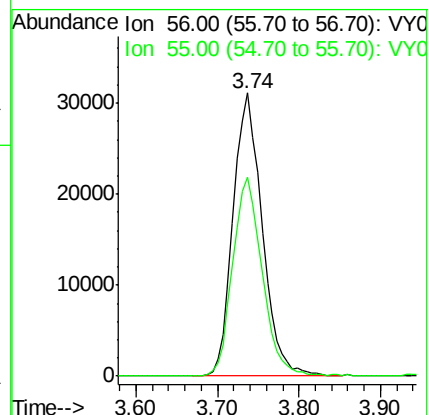
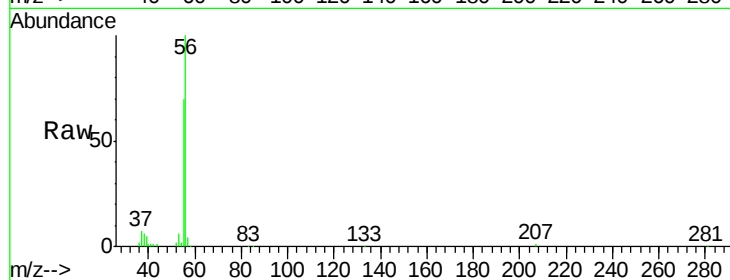
VSTDCCC050EC

Tot Ion: 56 Resp: 76817

Ion Ratio Lower Upper

56 100

55 70.8 54.8 82.2



#14

Allyl chloride

Concen: 49.959 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

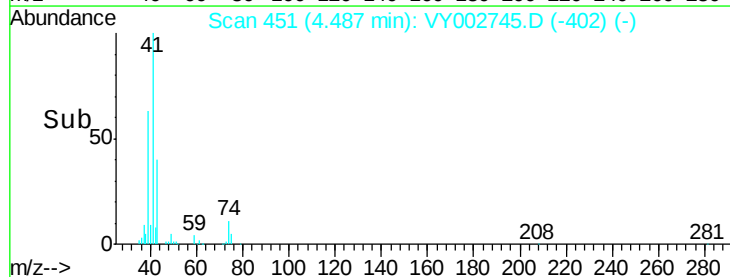
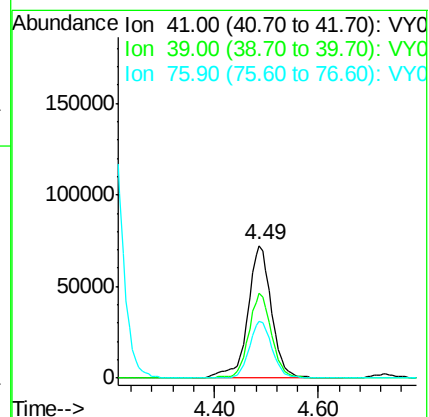
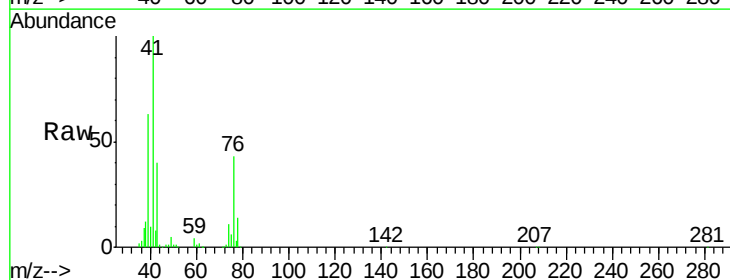
Tgt Ion: 41 Resp: 226732

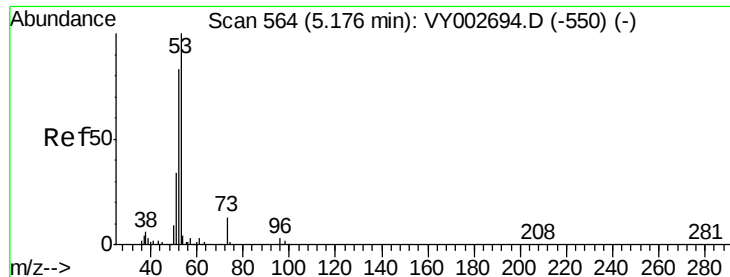
Ion Ratio Lower Upper

41 100

39 61.2 50.3 75.5

76 41.0 33.2 49.8





#15

Acrylonitrile

Concen: 261.851 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

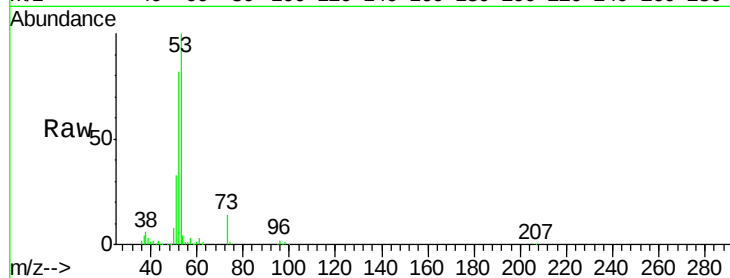
Tot Ion: 53 Resp: 209485

Ion Ratio Lower Upper

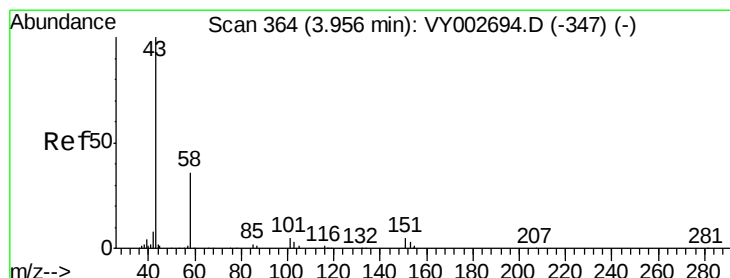
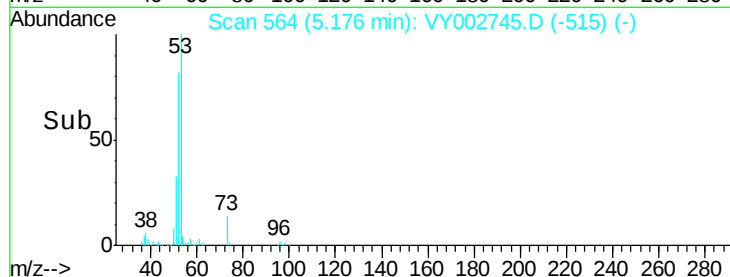
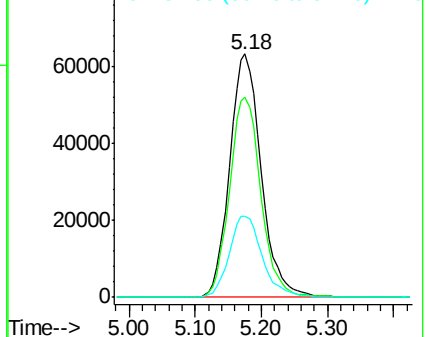
53 100

52 81.7 65.0 97.6

51 35.1 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 255.190 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002745.D

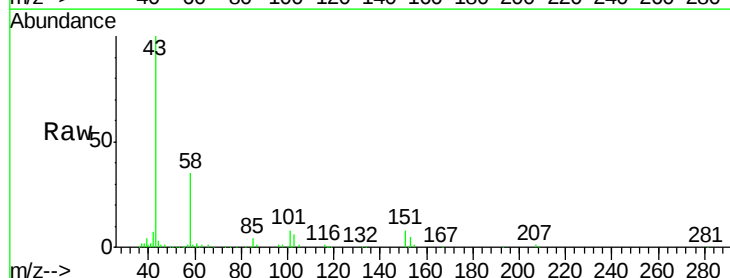
Acq: 21 May 2020 16:52

Tgt Ion: 43 Resp: 148301

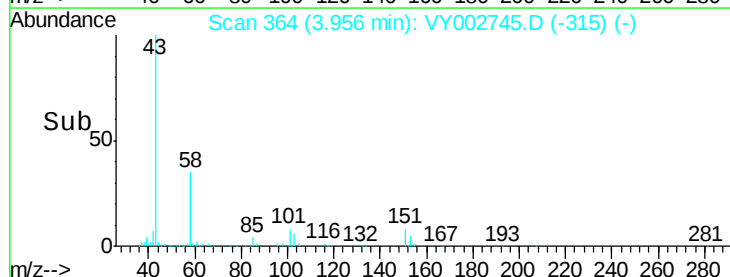
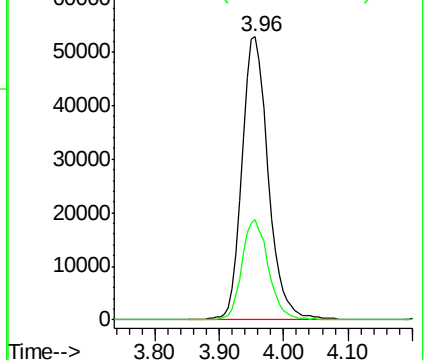
Ion Ratio Lower Upper

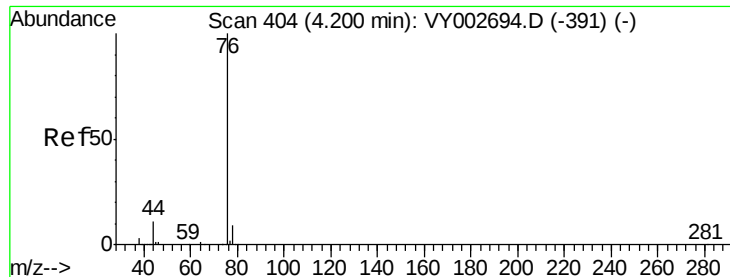
43 100

58 35.3 28.6 43.0



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





#17

Carbon Disulfide

Concen: 47.448 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

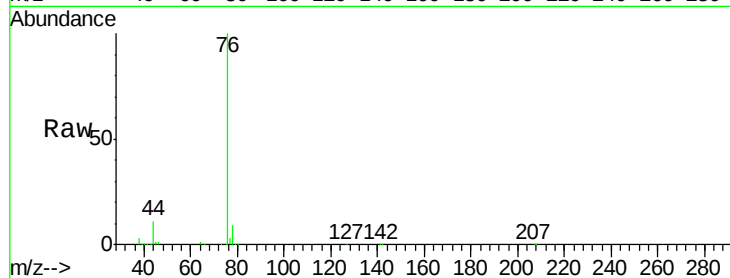
VSTDCCC050EC

Tot Ion: 76 Resp: 470491

Ion Ratio Lower Upper

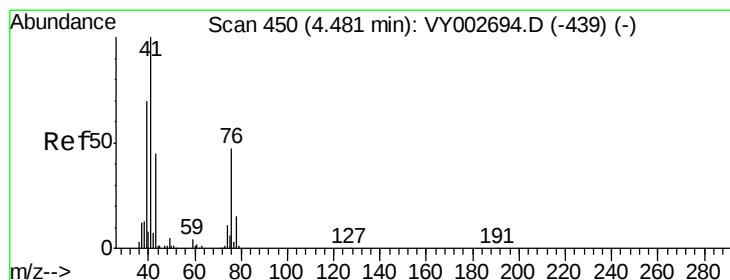
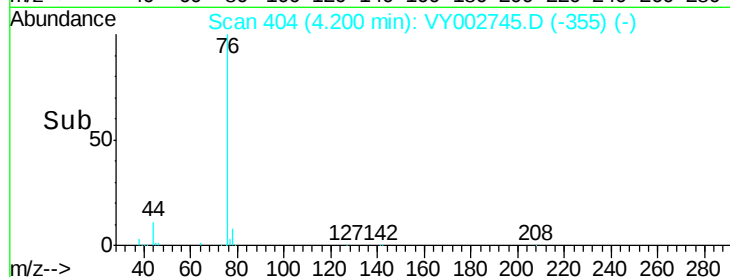
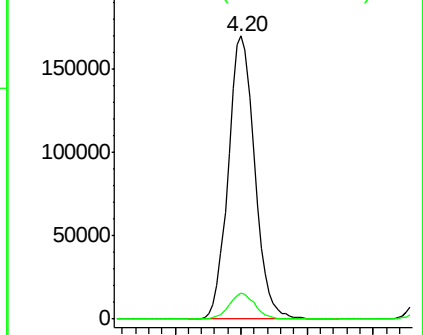
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 52.365 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY002745.D

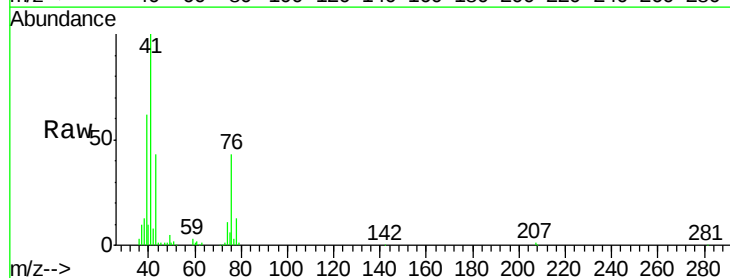
Acq: 21 May 2020 16:52

Tgt Ion: 43 Resp: 86768

Ion Ratio Lower Upper

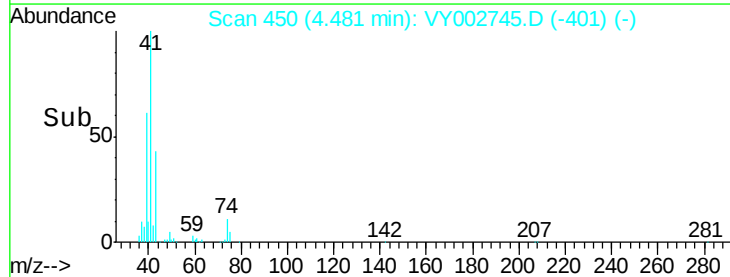
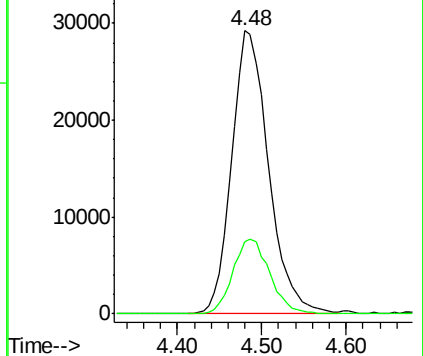
43 100

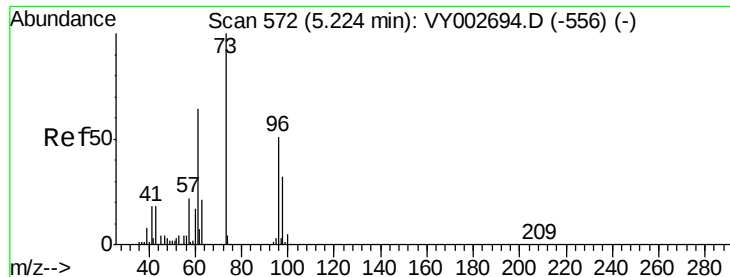
74 26.3 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

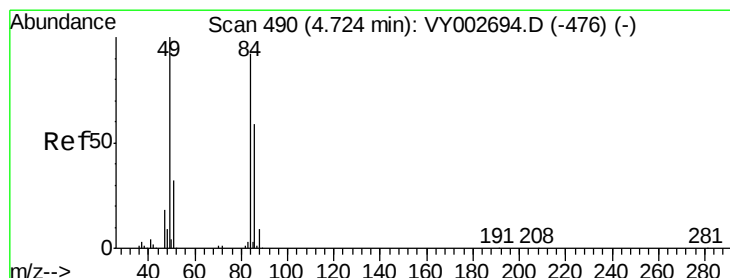
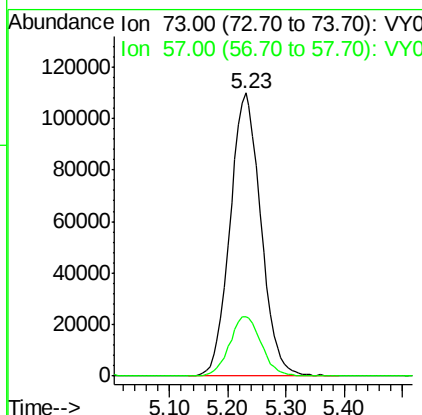
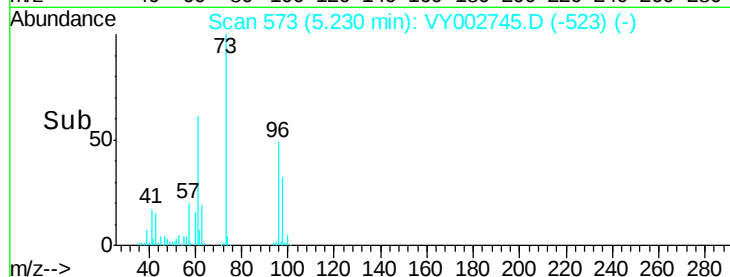
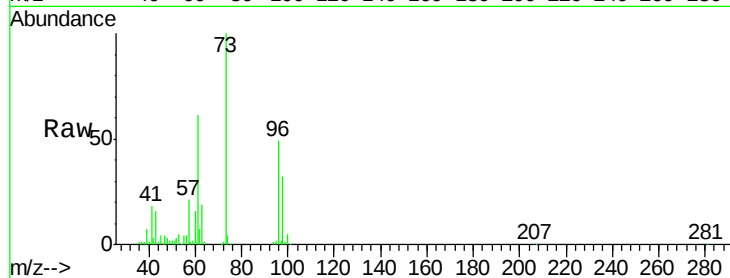




#19
Methvl tert-butvl Ether
Concen: 51.470 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

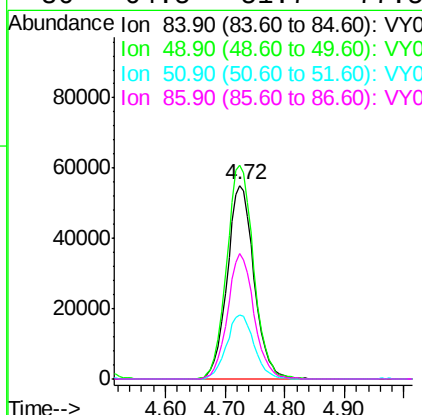
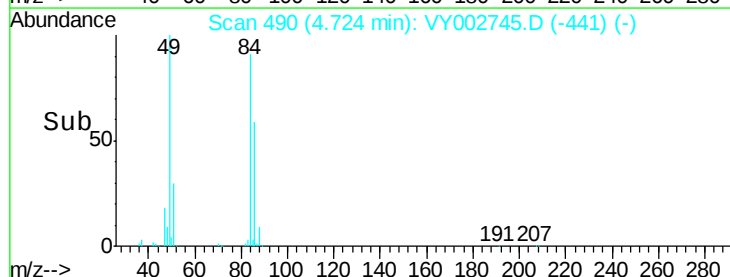
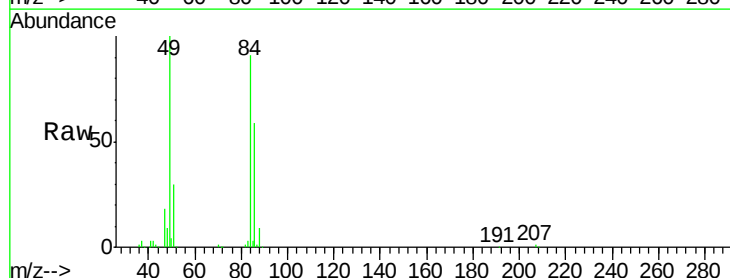
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

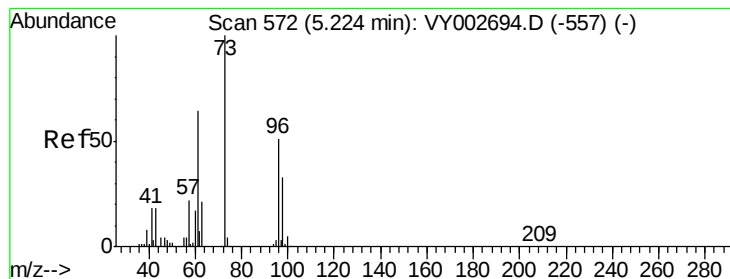
Tot Ion: 73 Resp: 403585
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 49.065 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion: 84 Resp: 172358
Ion Ratio Lower Upper
84 100
49 110.2 87.4 131.0
51 33.3 27.9 41.9
86 64.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.117 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

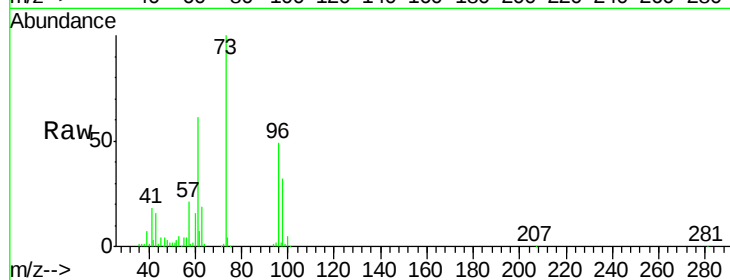
Tot Ion: 96 Resp: 169139

Ion Ratio Lower Upper

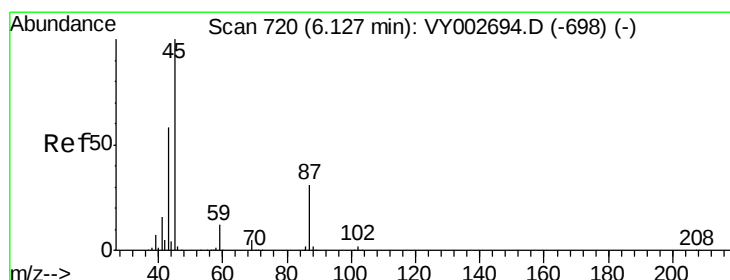
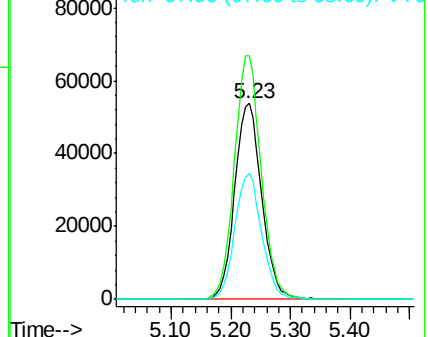
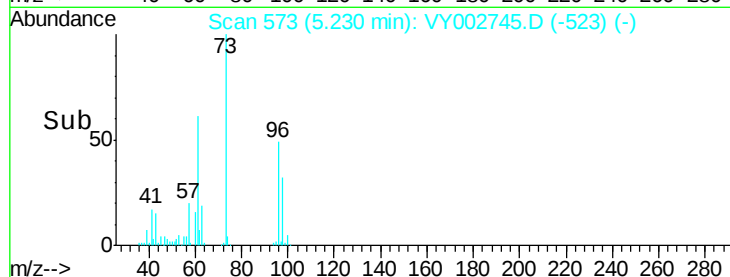
96 100

61 123.9 99.6 149.4

98 64.2 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VY002745.D (-523) (-)



#22

Diisopropyl ether

Concen: 51.053 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Tgt Ion: 45 Resp: 459690

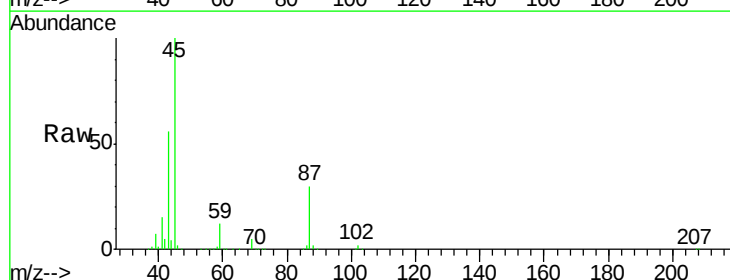
Ion Ratio Lower Upper

45 100

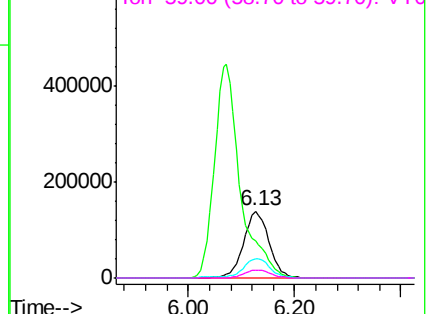
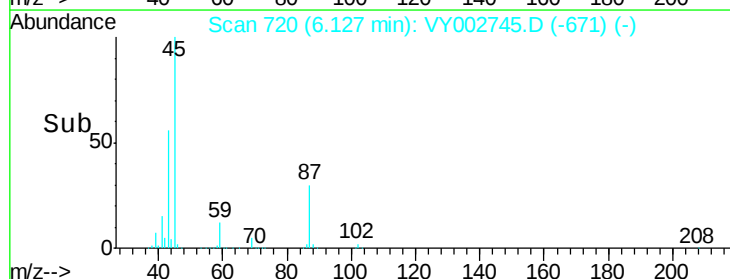
43 56.1 46.1 69.1

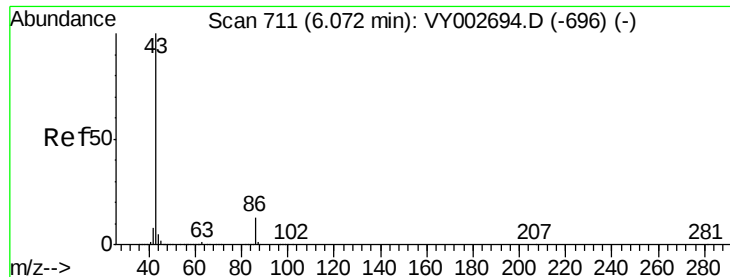
87 29.6 24.9 37.3

59 11.9 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY002745.D (-671) (-)

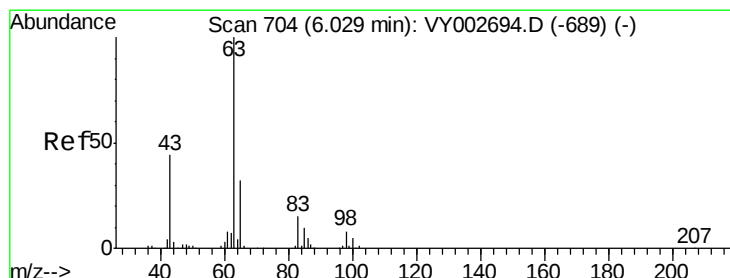
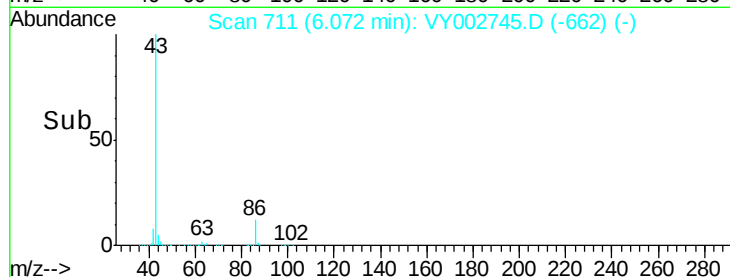
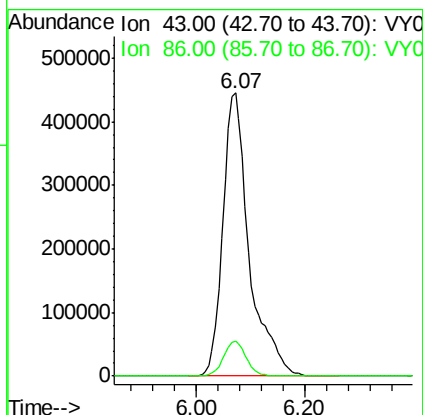
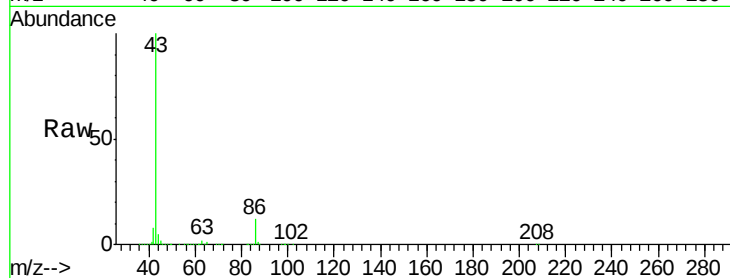




#23
 Vinyl Acetate
 Concen: 260.018 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

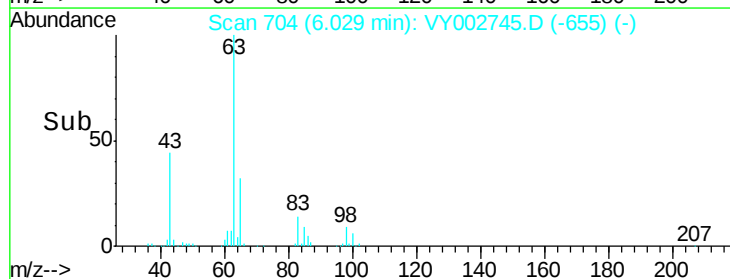
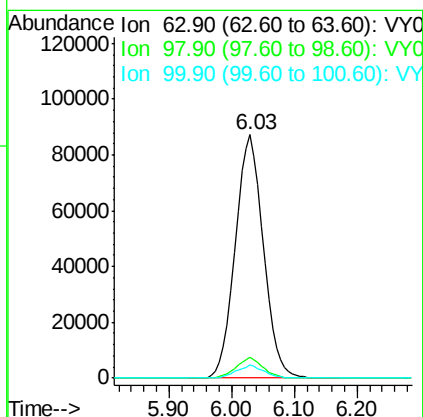
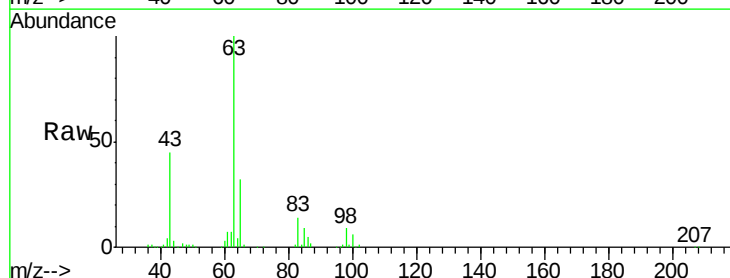
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1499142
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 50.174 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Tgt Ion: 63 Resp: 269954
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 11.9
 100 5.5 2.5 7.6





#25

2-Butanone

Concen: 262.028 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

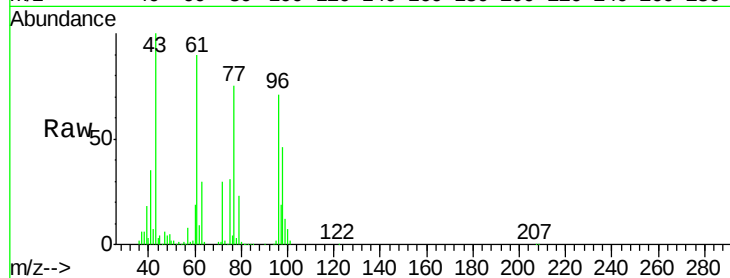
VSTDCCC050EC

Tot Ion: 43 Resp: 251946

Ion Ratio Lower Upper

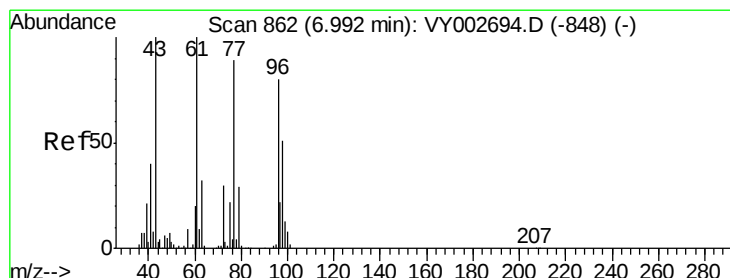
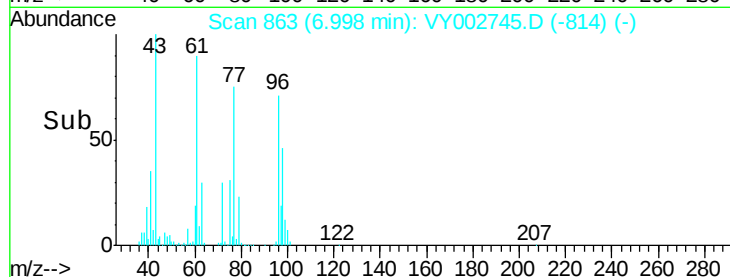
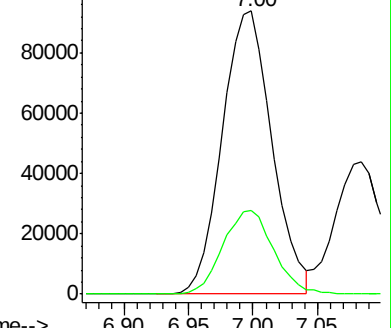
43 100

72 29.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 47.040 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002745.D

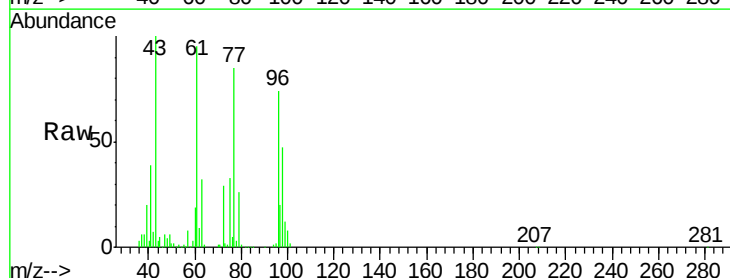
Acq: 21 May 2020 16:52

Tgt Ion: 77 Resp: 235490

Ion Ratio Lower Upper

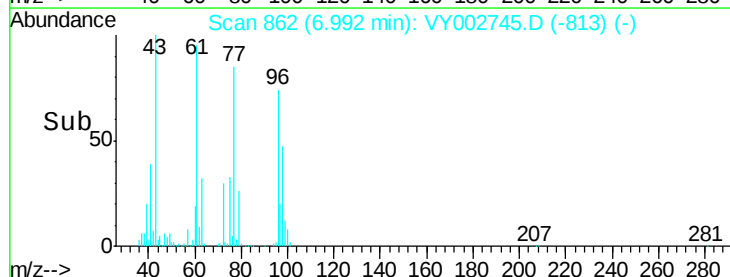
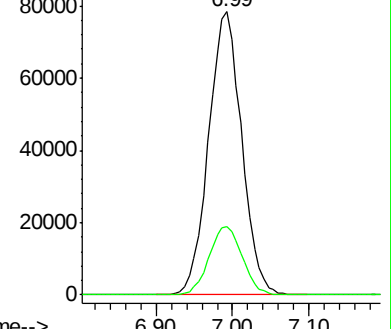
77 100

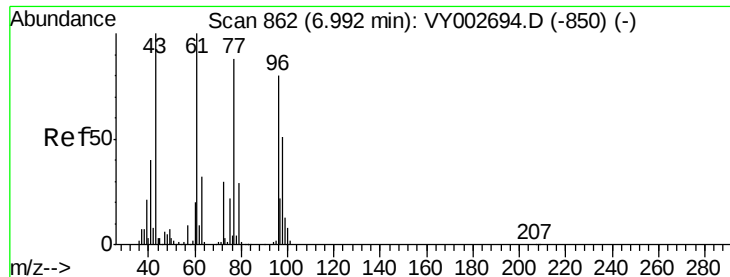
97 24.3 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



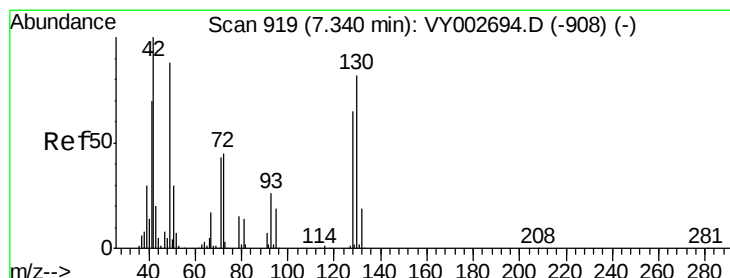
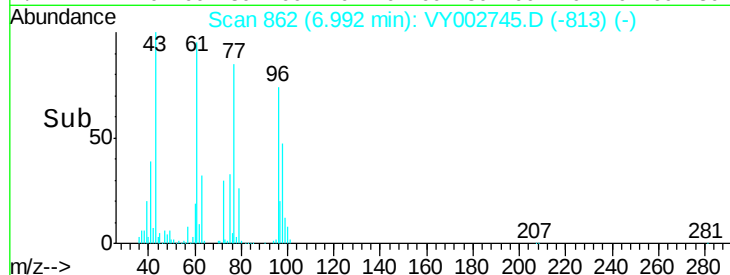
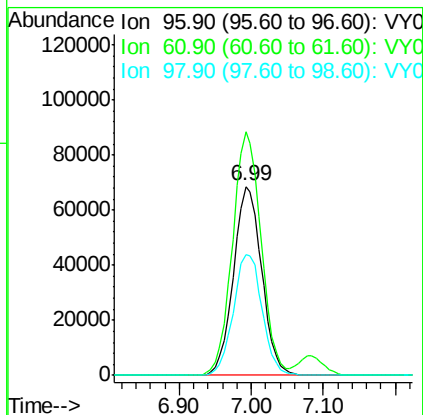
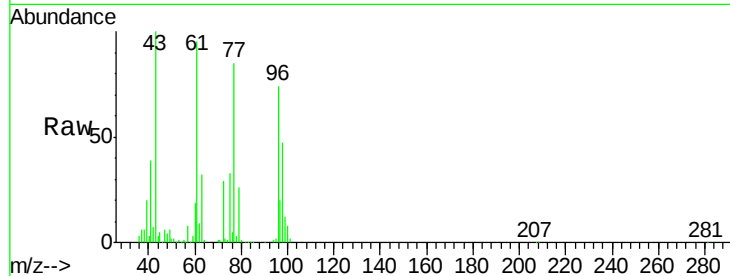


#27

cis-1,2-Dichloroethene
 Concen: 49.132 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

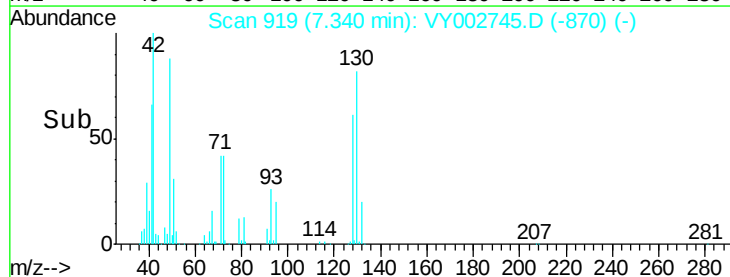
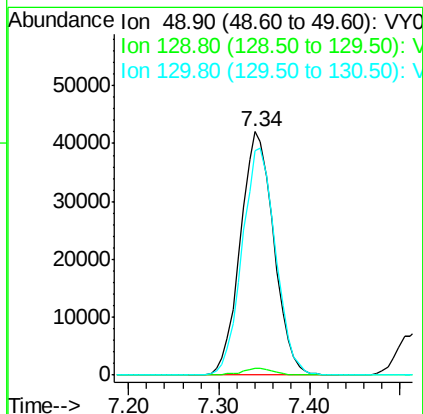
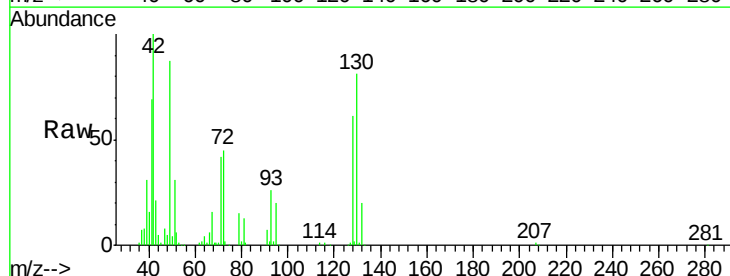
Tot Ion	96	Resp	186615
Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	258.0
98	65.0	0.0	128.4

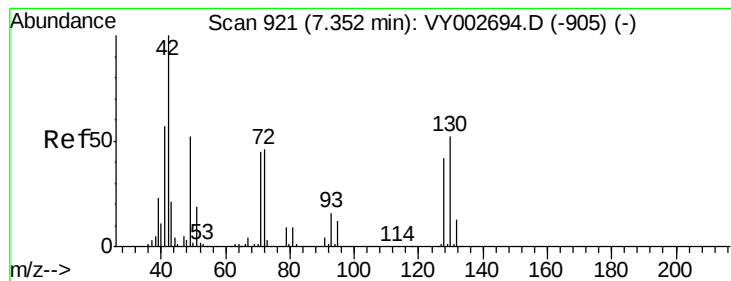


#28

Bromochloromethane
 Concen: 50.446 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Tgt Ion	49	Resp	107371
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	93.1	75.3	112.9





#29

Tetrahydrofuran

Concen: 266.695 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

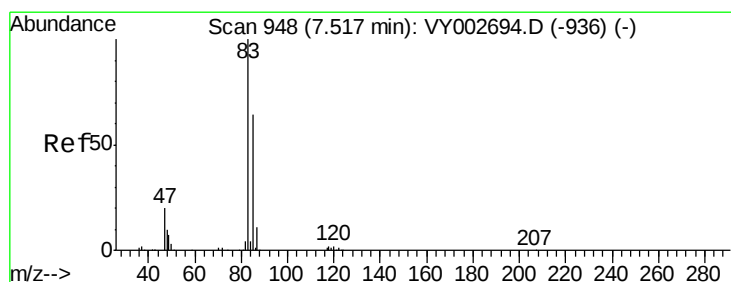
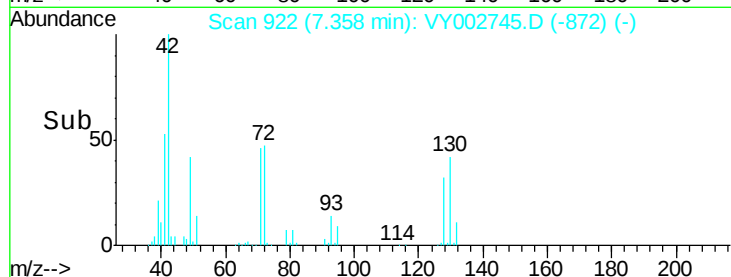
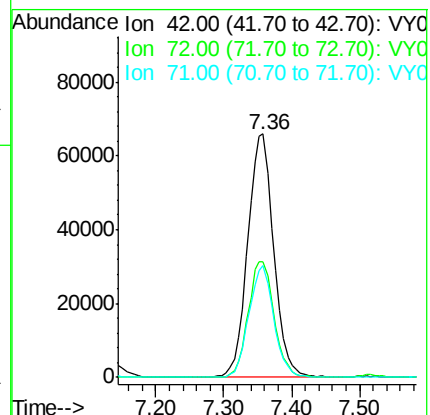
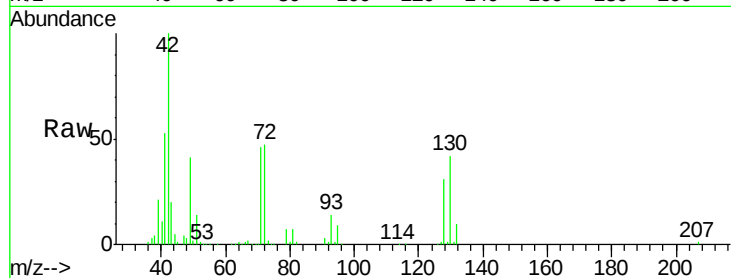
Tot Ion: 42 Resp: 174475

Ion Ratio Lower Upper

42 100

72 47.5 38.2 57.2

71 44.2 35.8 53.8



#30

Chloroform

Concen: 49.632 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002745.D

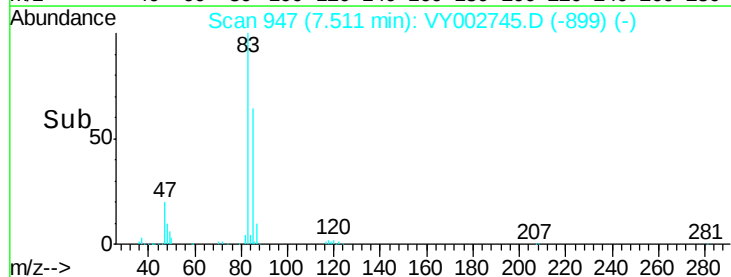
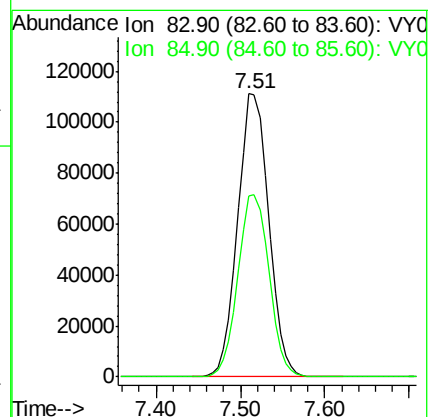
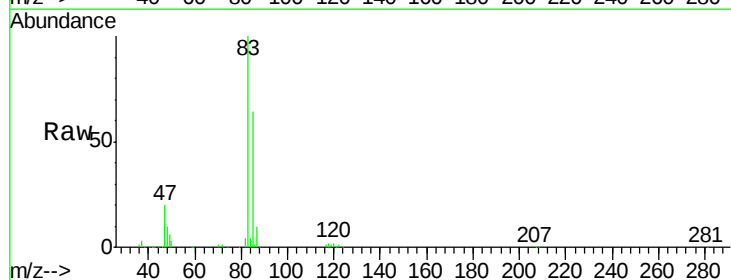
Acq: 21 May 2020 16:52

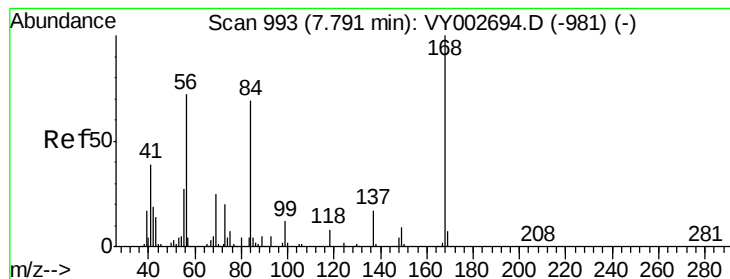
Tgt Ion: 83 Resp: 277154

Ion Ratio Lower Upper

83 100

85 64.2 51.5 77.3





#31

Cyclohexane

Concen: 47.086 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

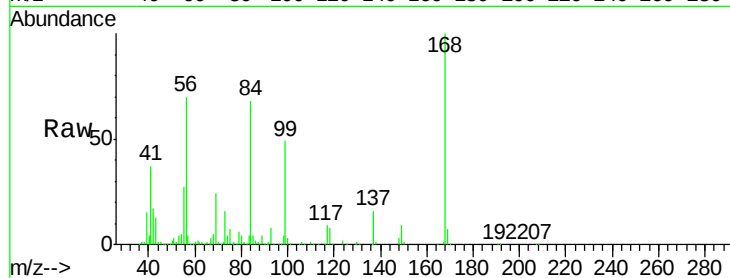
Tot Ion: 56 Resp: 256950

Ion Ratio Lower Upper

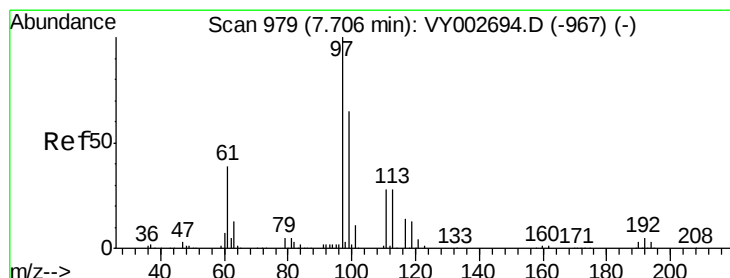
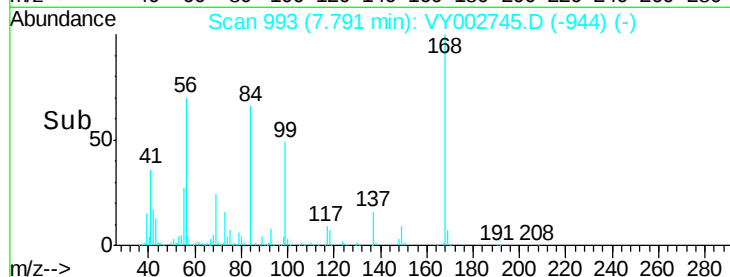
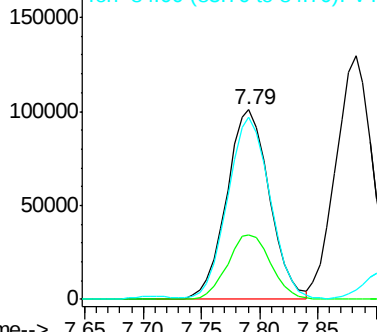
56 100

69 33.8 27.7 41.5

84 94.8 77.0 115.4



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



#32

1,1,1-Trichloroethane

Concen: 49.000 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

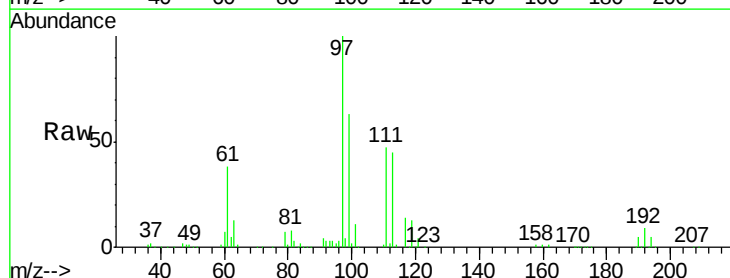
Tgt Ion: 97 Resp: 252831

Ion Ratio Lower Upper

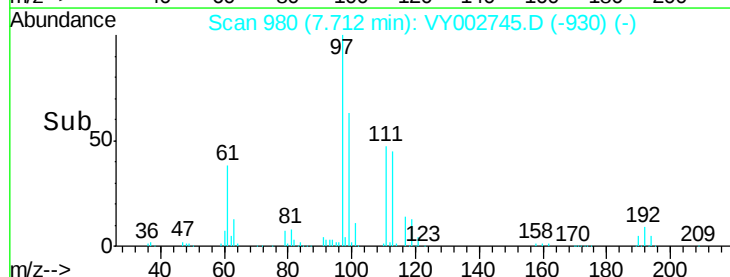
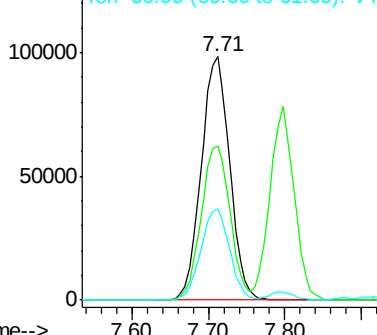
97 100

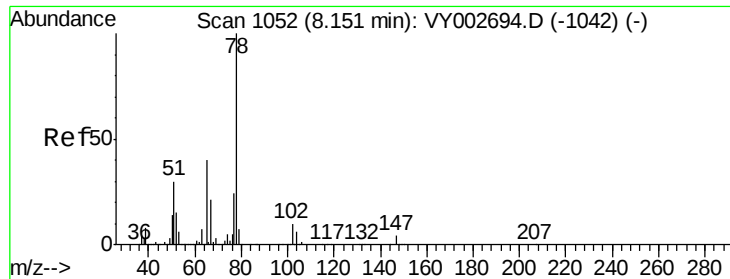
99 64.3 51.6 77.4

61 37.7 30.6 45.8



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

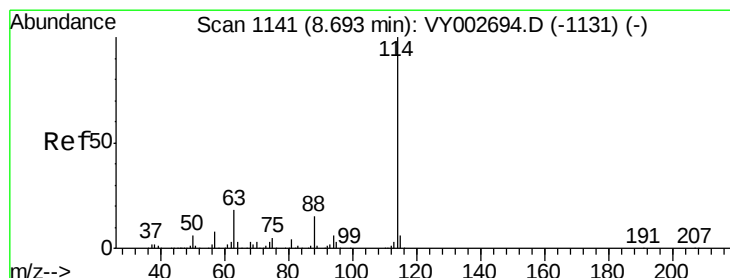
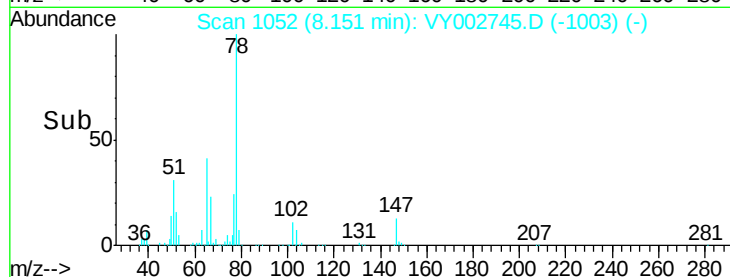
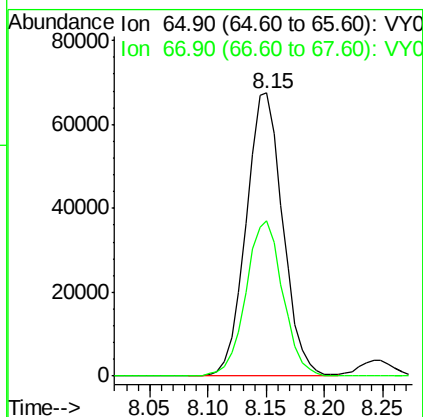
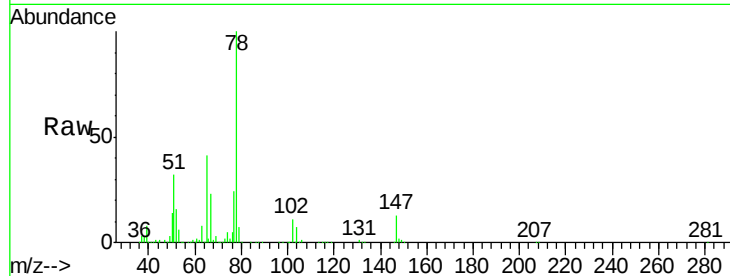




#33
 1,2-Dichloroethane-d4
 Concen: 52.793 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

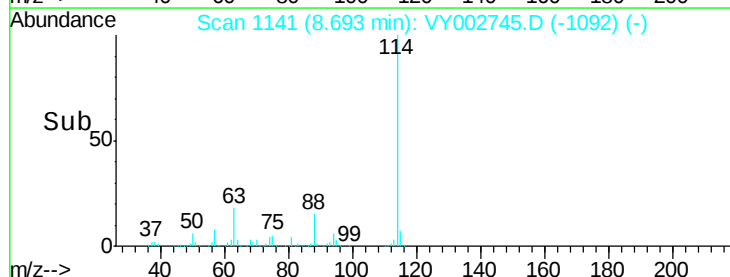
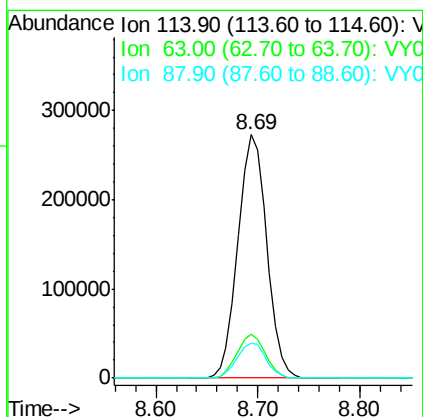
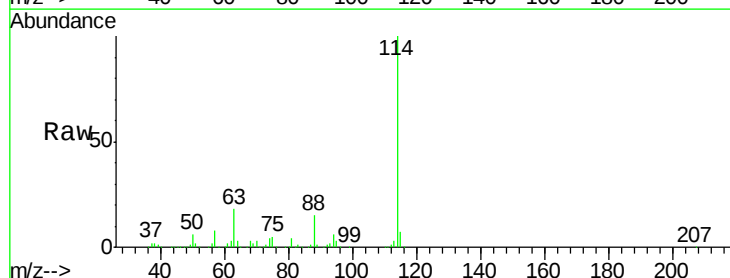
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

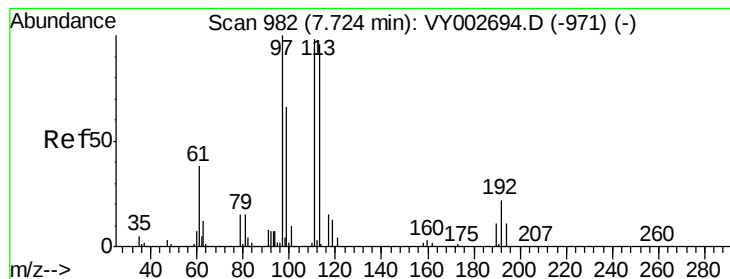
Tot Ion: 65 Resp: 148827
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Tgt Ion: 114 Resp: 534409
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.4
 88 14.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 53.754 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

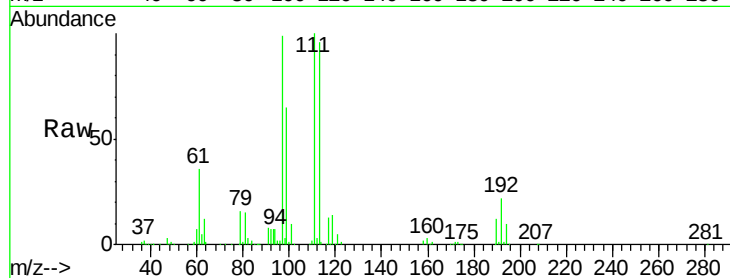
Tot Ion:113 Resp: 158535

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

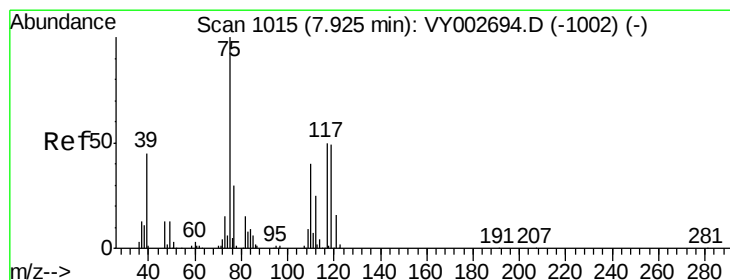
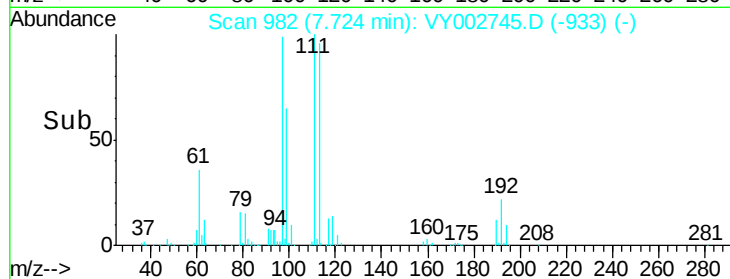
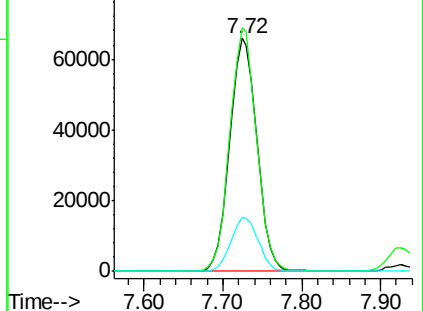
192 23.2 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.556 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

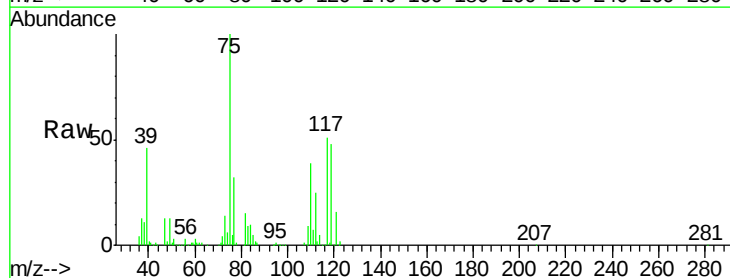
Tgt Ion: 75 Resp: 219668

Ion Ratio Lower Upper

75 100

110 38.6 19.4 58.4

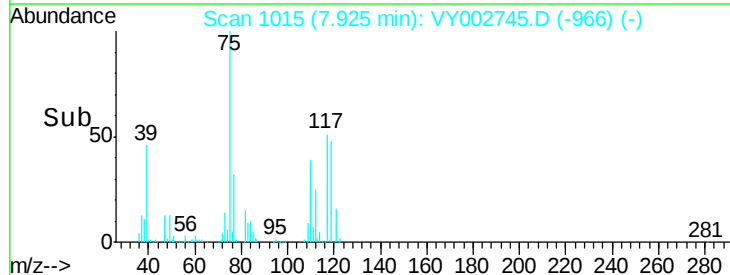
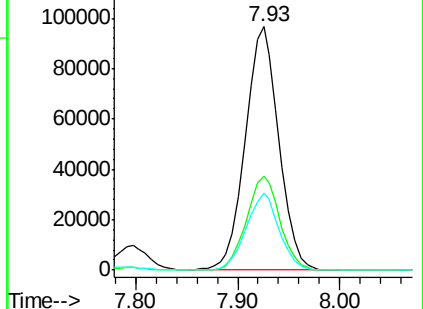
77 31.4 25.0 37.4

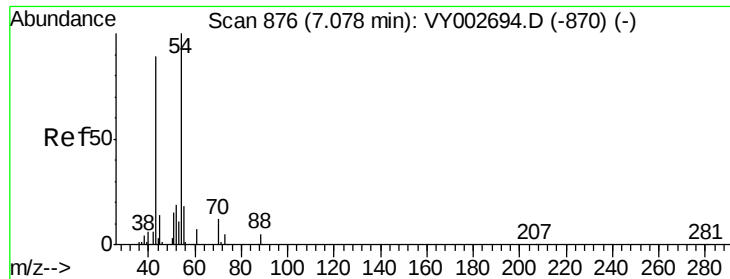


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

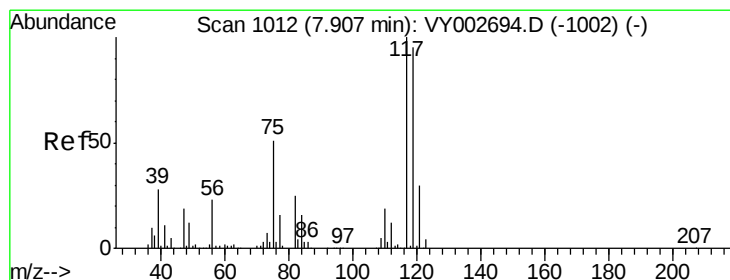
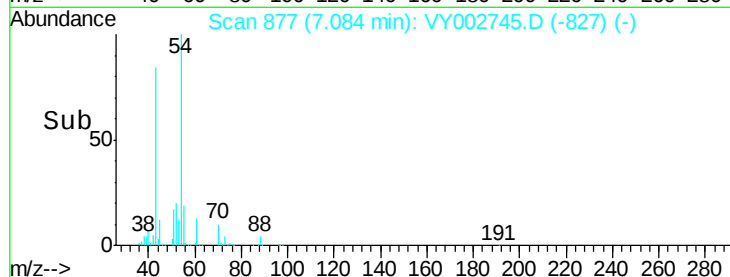
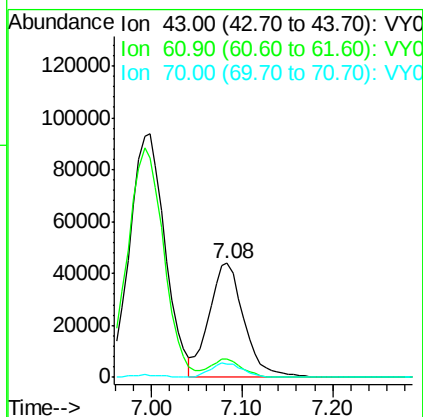
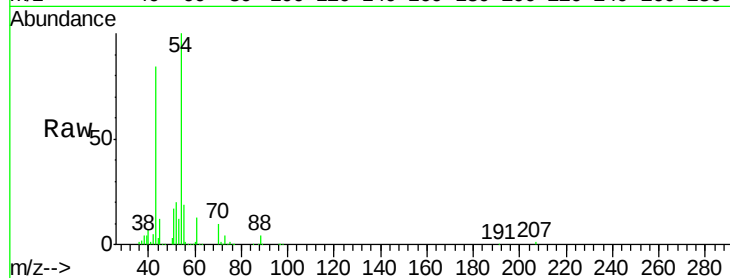




#37
Ethyl Acetate
Concen: 53.063 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

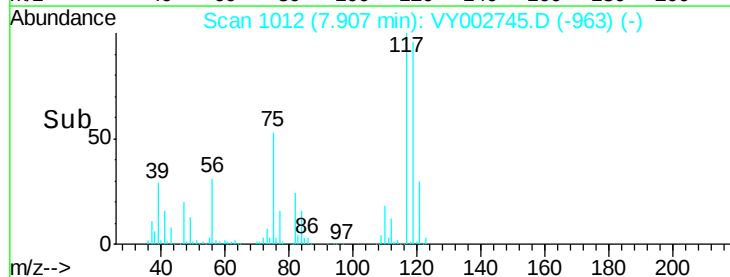
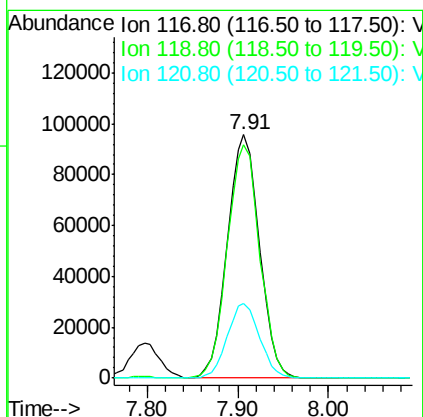
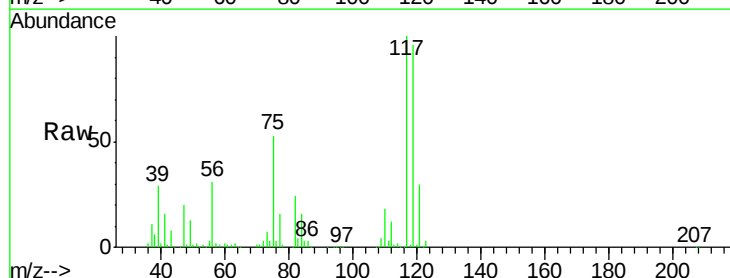
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

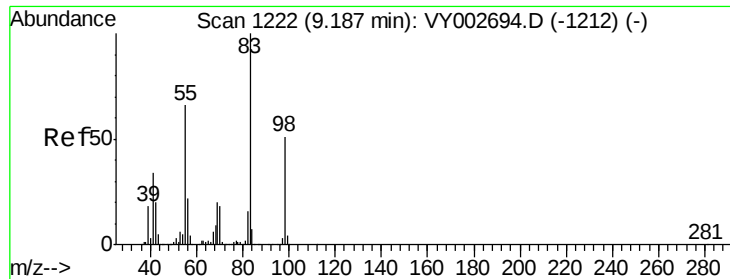
Tot Ion: 43 Resp: 118073
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.8
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 48.333 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion: 117 Resp: 235006
Ion Ratio Lower Upper
117 100
119 95.7 76.3 114.5
121 30.4 24.2 36.2

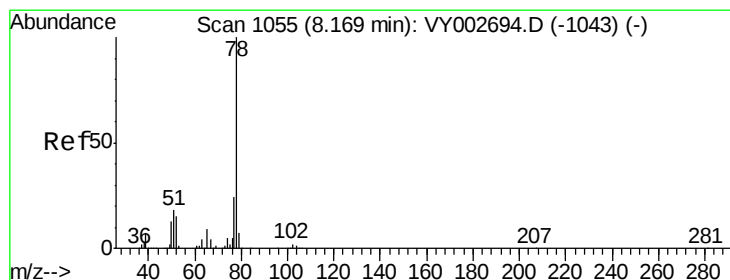
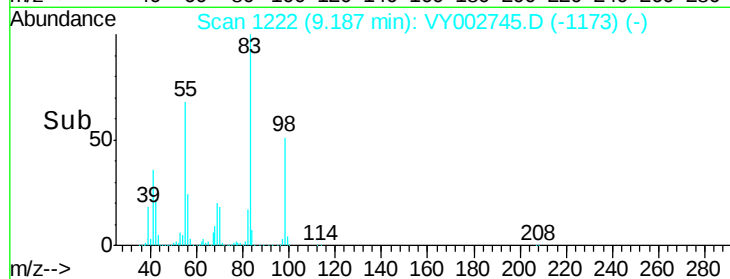
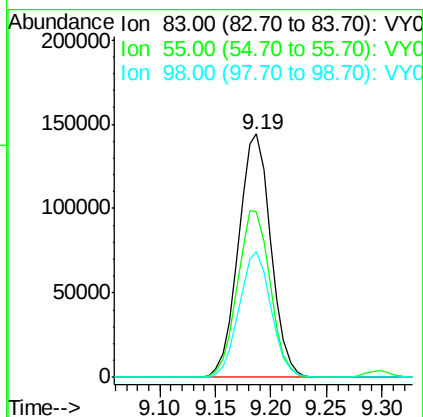
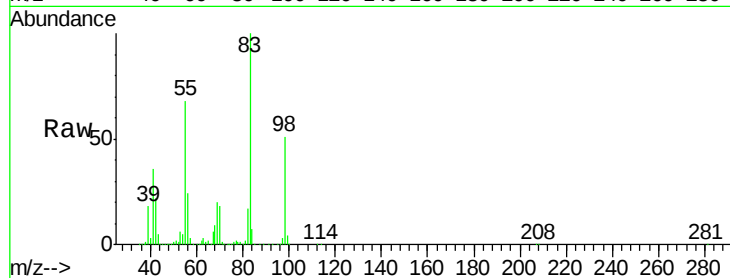




#39
Methvlcvclohexane
Concen: 47.841 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

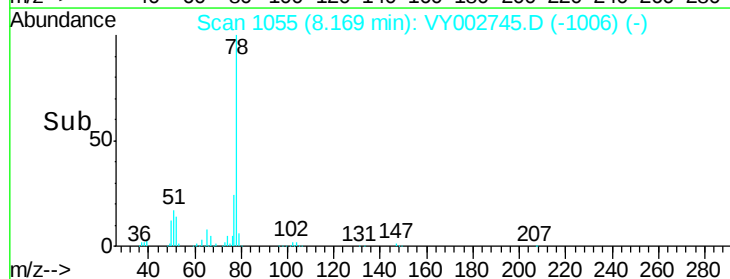
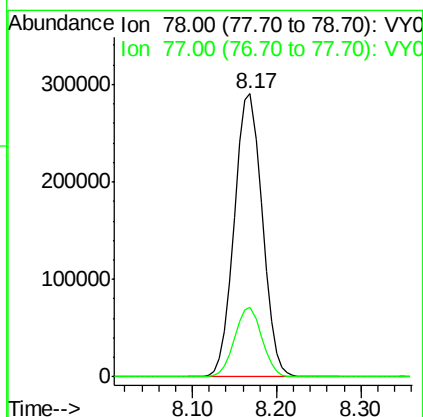
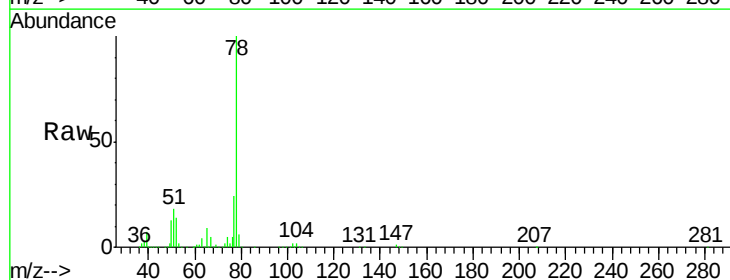
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

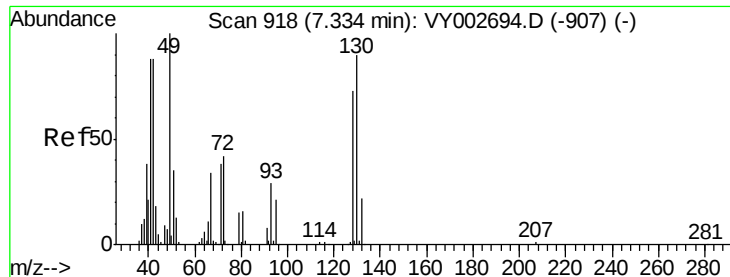
Tot Ion: 83 Resp: 291021
Ion Ratio Lower Upper
83 100
55 68.0 53.0 79.6
98 51.4 40.8 61.2



#40
Benzene
Concen: 49.267 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion: 78 Resp: 650329
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8





#41

Methacrylonitrile

Concen: 53.248 ug/l

RT: 7.33 min Scan# 918

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 71185

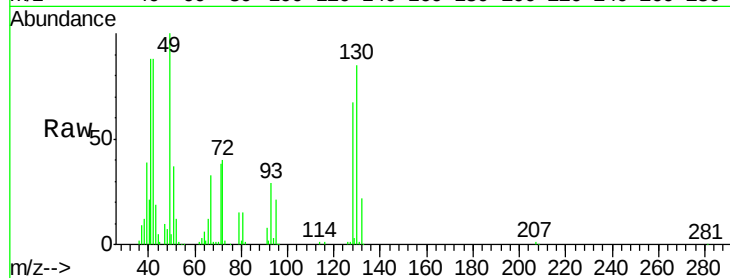
Ion Ratio Lower Upper

41 100

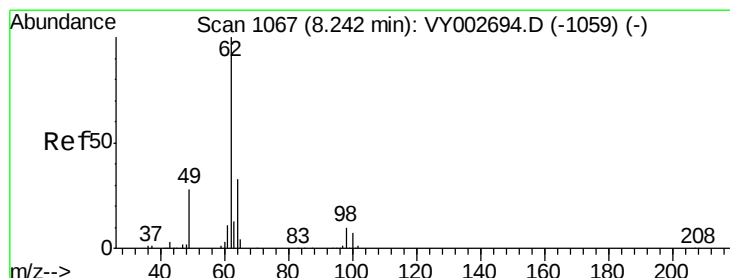
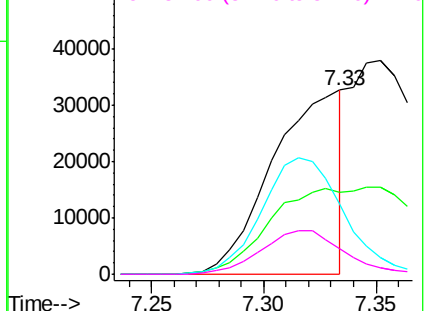
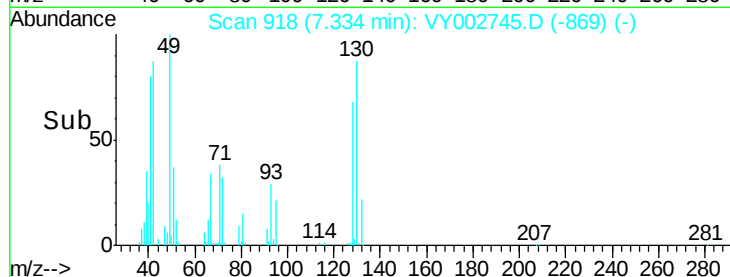
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.687 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY002745.D

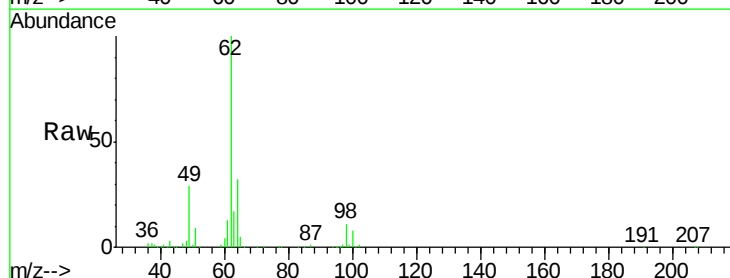
Acq: 21 May 2020 16:52

Tgt Ion: 62 Resp: 172985

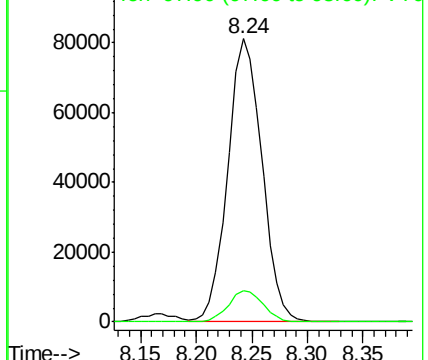
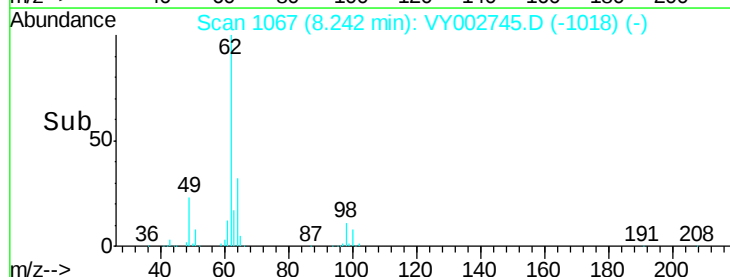
Ion Ratio Lower Upper

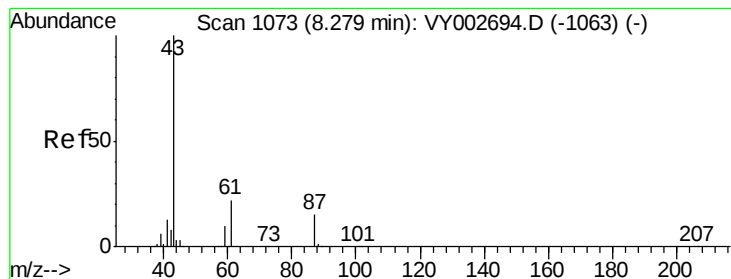
62 100

98 11.2 0.0 21.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 53.030 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

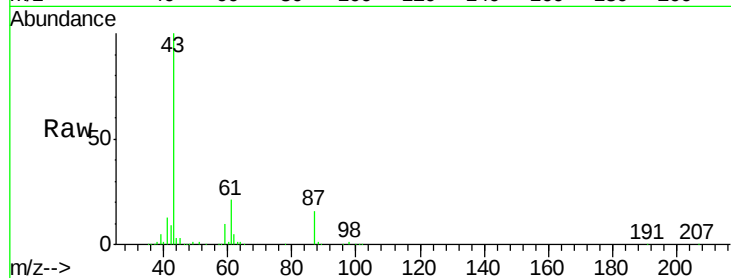
Tot Ion: 43 Resp: 219294

Ion Ratio Lower Upper

43 100

61 30.9 24.9 37.3

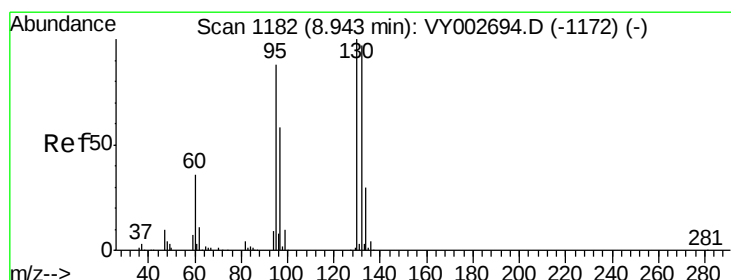
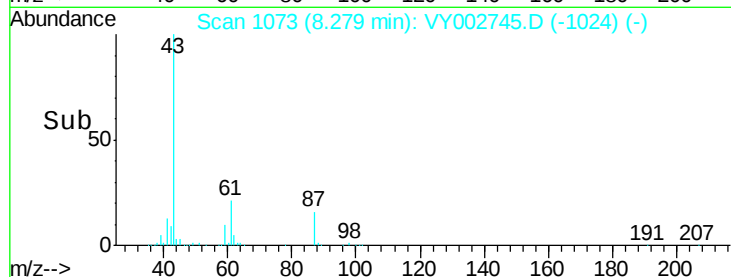
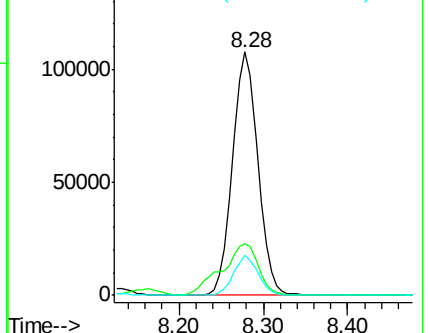
87 15.7 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY002745.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002745.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002745.D (-1063) (-)



#44

Trichloroethene

Concen: 50.093 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002745.D

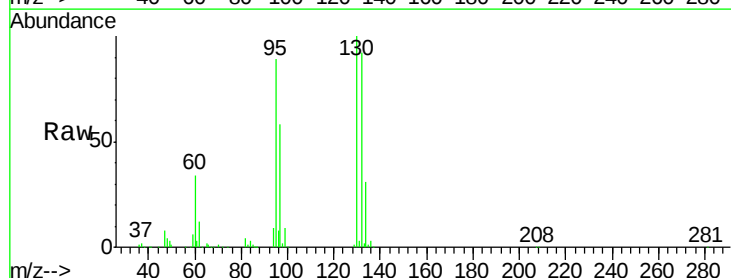
Acq: 21 May 2020 16:52

Tgt Ion:130 Resp: 210772

Ion Ratio Lower Upper

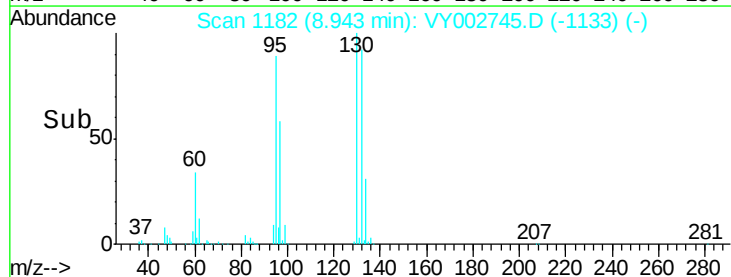
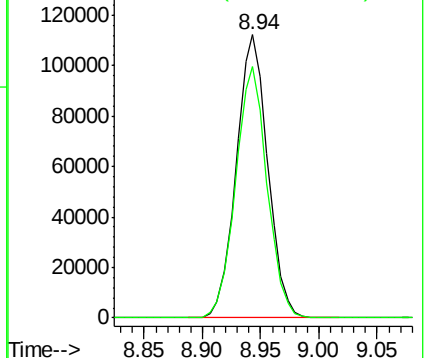
130 100

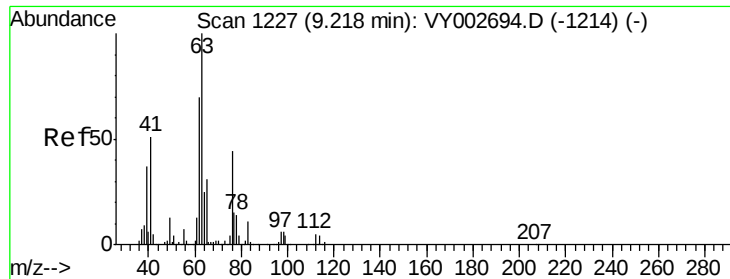
95 88.8 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002745.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002745.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 50.372 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

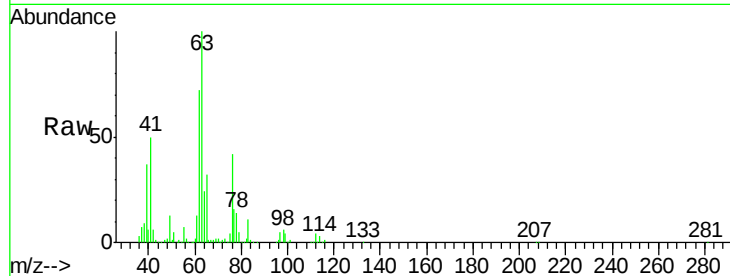
VSTDCCC050EC

Tot Ion: 63 Resp: 157809

Ion Ratio Lower Upper

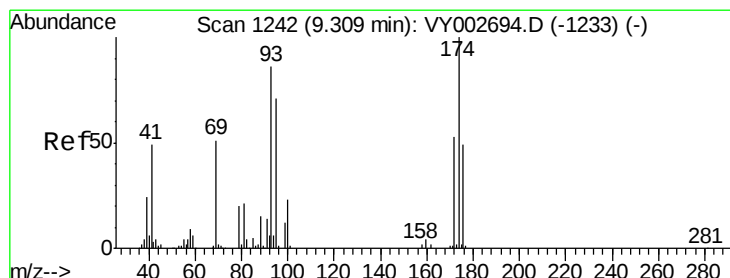
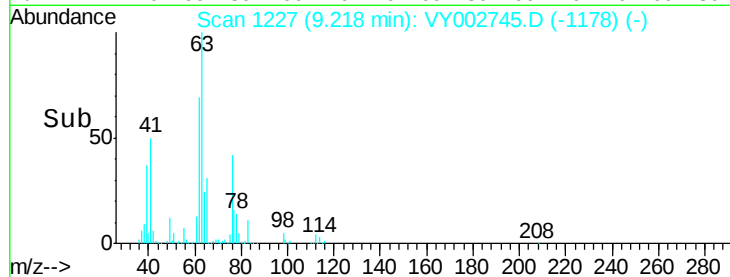
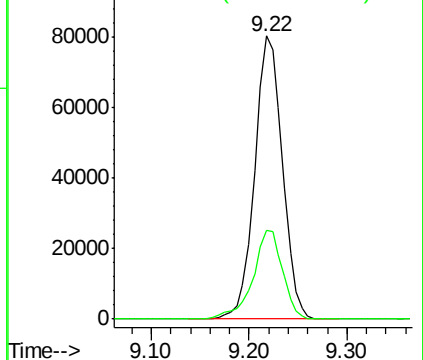
63 100

65 31.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 51.137 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

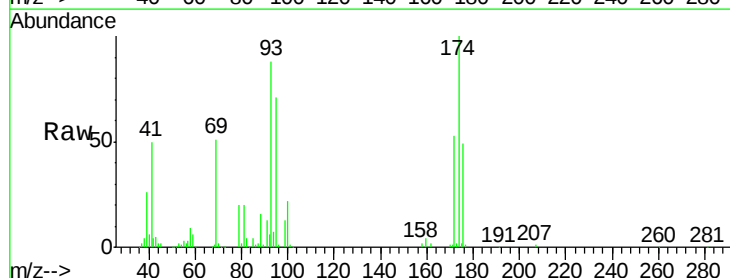
Tgt Ion: 93 Resp: 90008

Ion Ratio Lower Upper

93 100

95 82.6 66.5 99.7

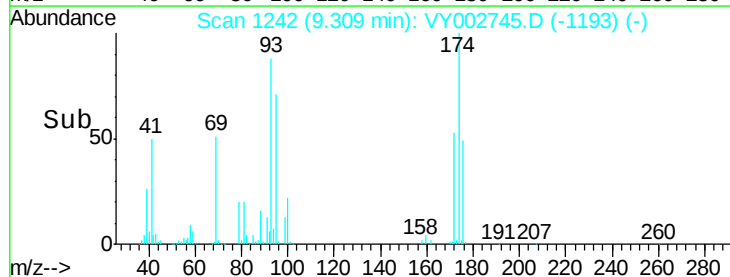
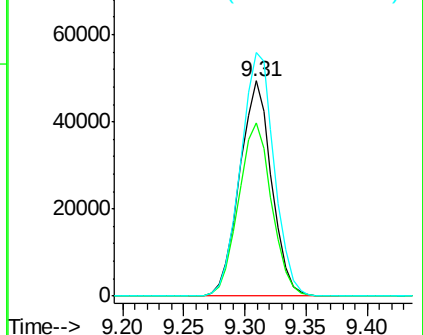
174 118.2 95.6 143.4

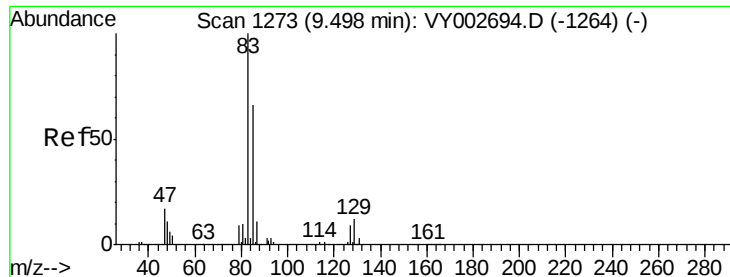


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.846 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

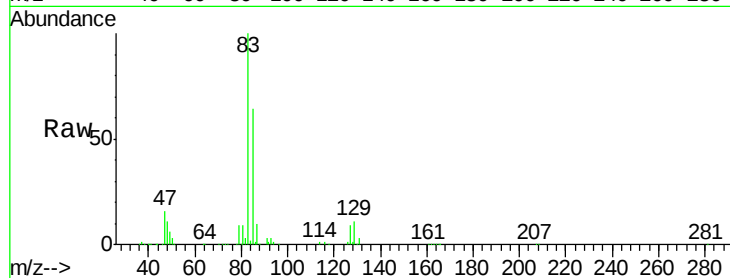
Tot Ion: 83 Resp: 218419

Ion Ratio Lower Upper

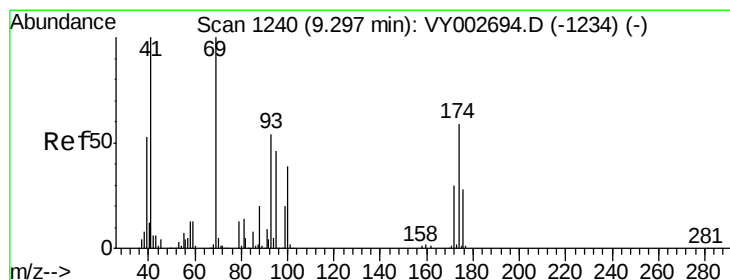
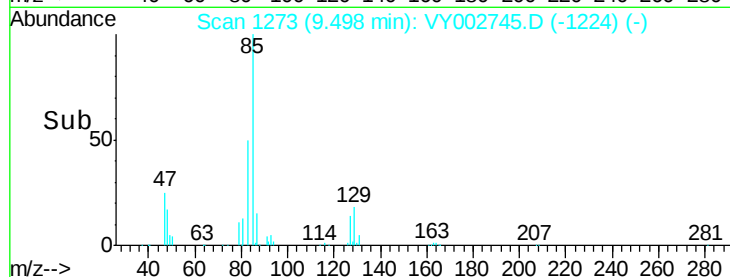
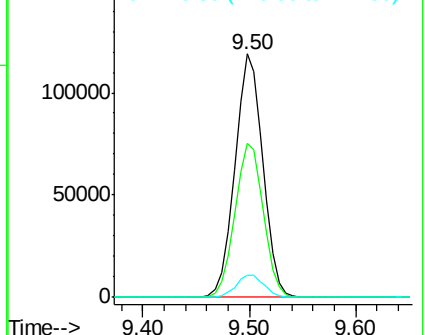
83 100

85 63.5 52.4 78.6

127 9.0 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 52.658 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

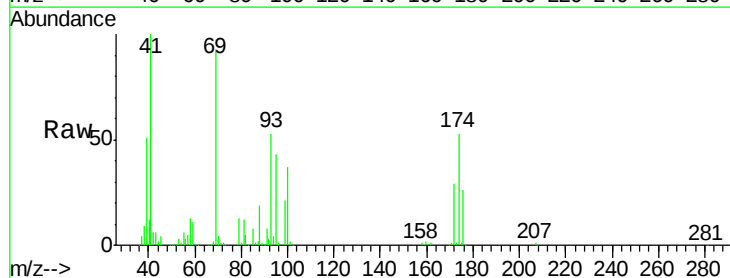
Tgt Ion: 41 Resp: 100260

Ion Ratio Lower Upper

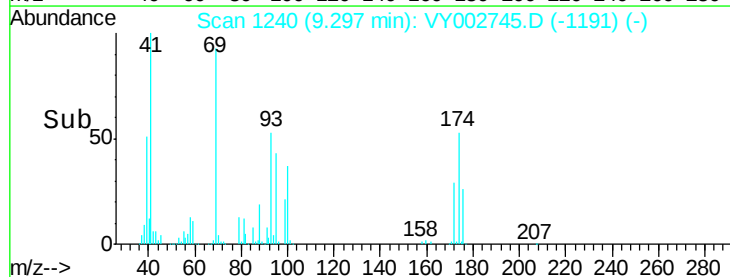
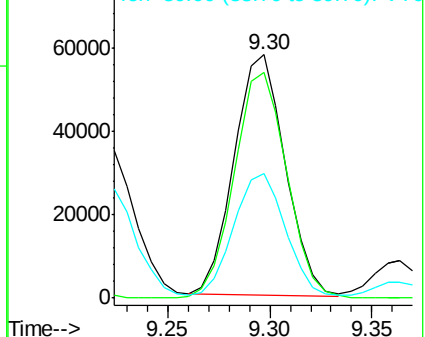
41 100

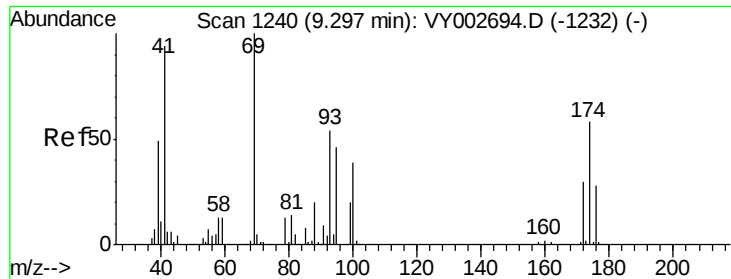
69 96.6 78.7 118.1

39 53.4 42.9 64.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

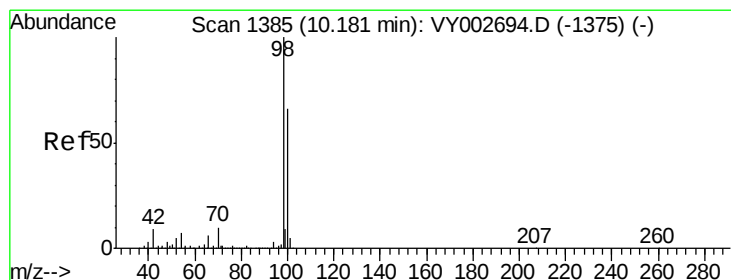
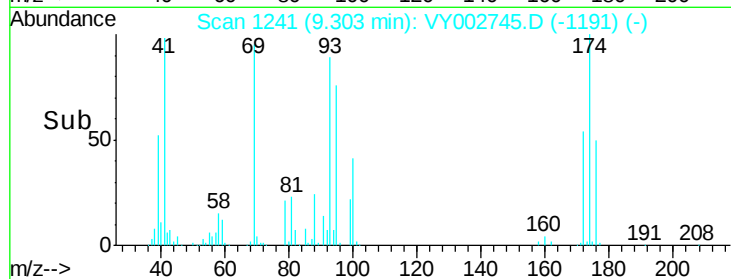
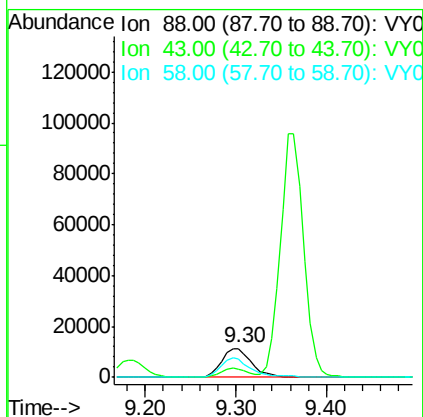
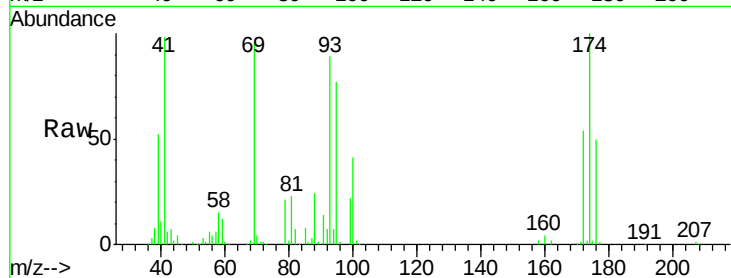




#49
 1,4-Dioxane
 Concen: 1085.247 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

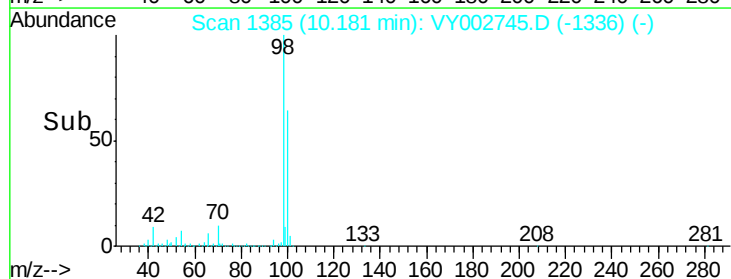
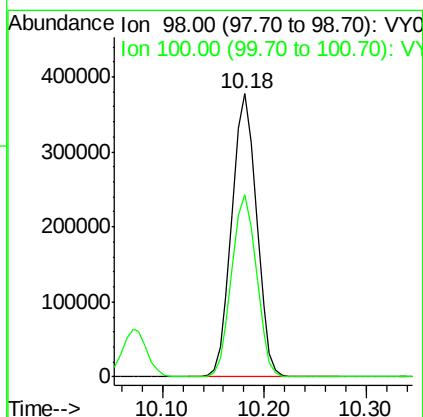
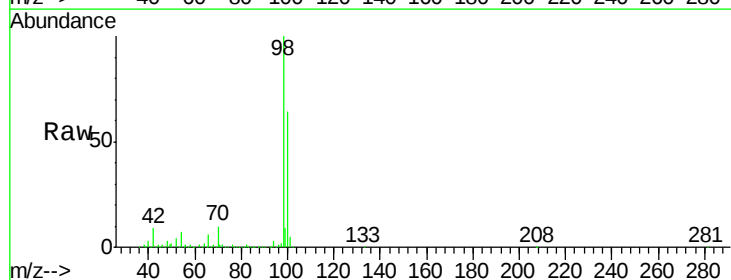
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

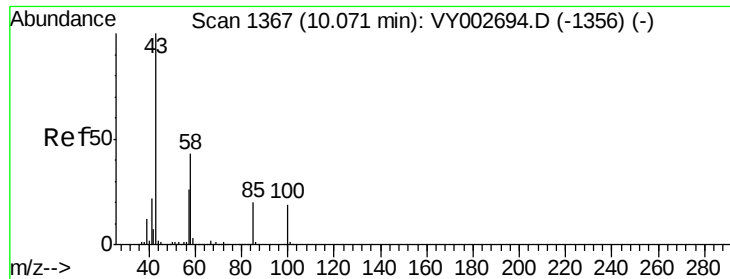
Tot Ion: 88 Resp: 26016
 Ion Ratio Lower Upper
 88 100
 43 28.1 23.4 35.0
 58 64.5 54.5 81.7



#50
 Toluene-d8
 Concen: 53.426 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Tgt Ion: 98 Resp: 634382
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 269.222 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

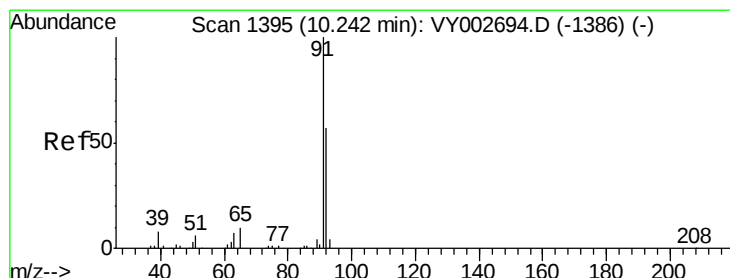
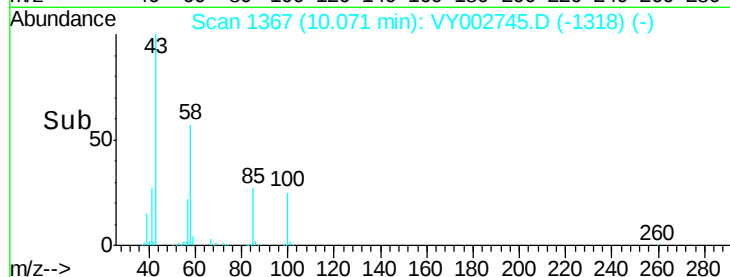
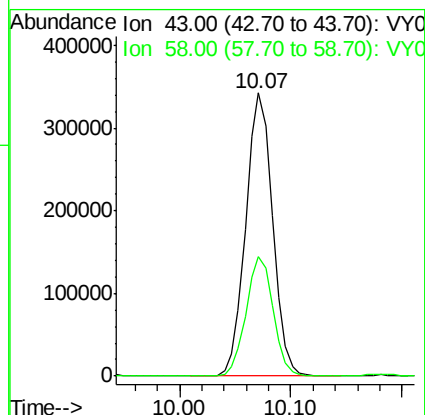
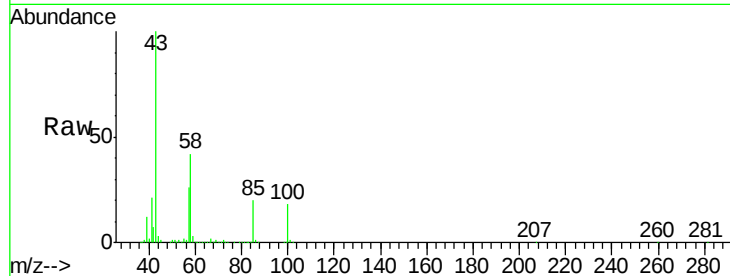
VSTDCCC050EC

Tot Ion: 43 Resp: 574798

Ion Ratio Lower Upper

43 100

58 42.4 34.1 51.1



#52

Toluene

Concen: 48.932 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002745.D

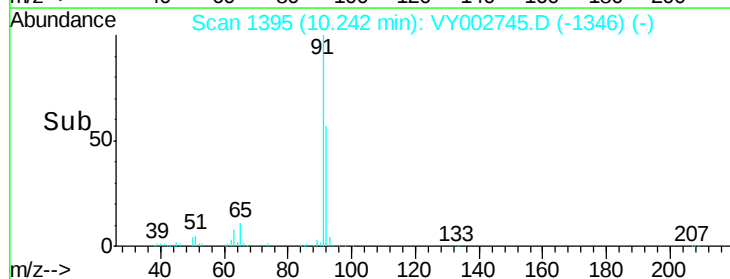
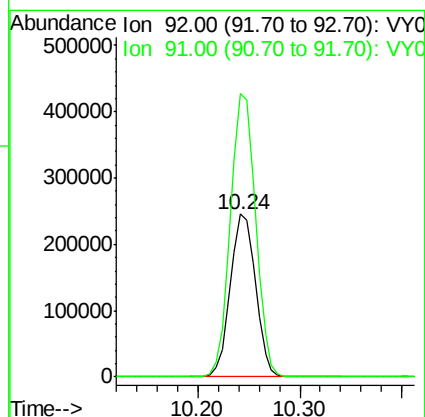
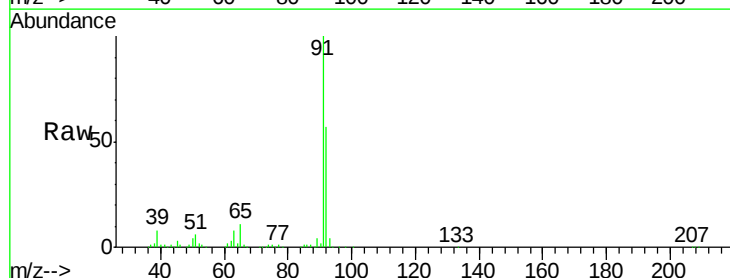
Acq: 21 May 2020 16:52

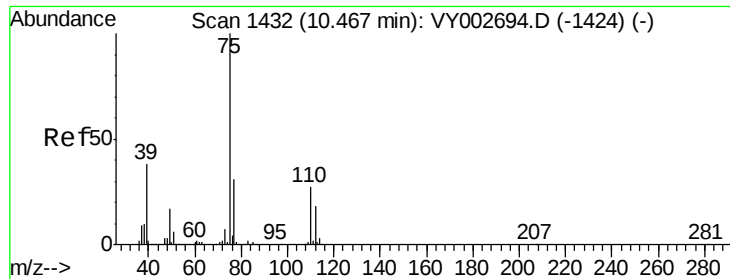
Tgt Ion: 92 Resp: 417998

Ion Ratio Lower Upper

92 100

91 173.8 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 50.596 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

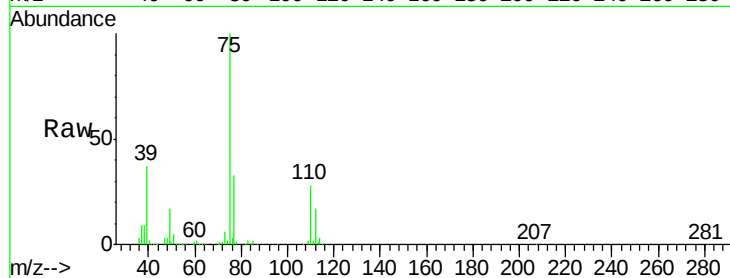
VSTDCCC050EC

Tot Ion: 75 Resp: 231984

Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

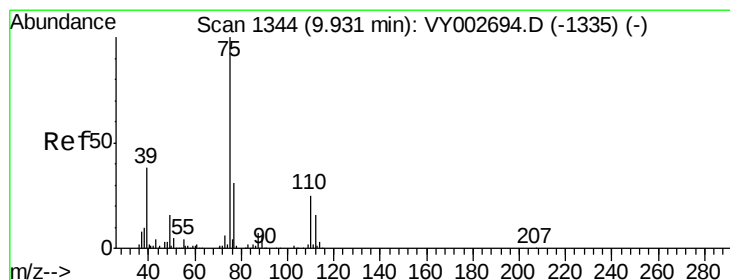
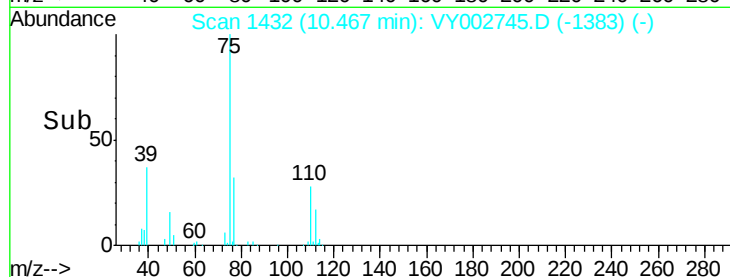
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.491 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

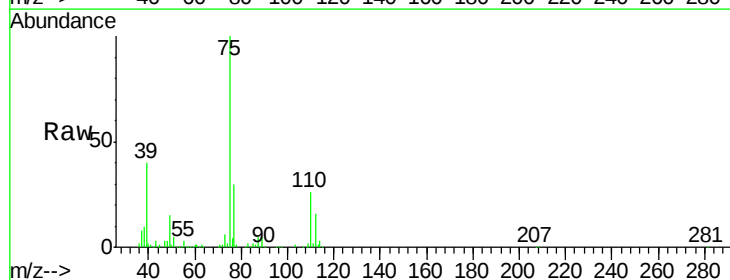
Tgt Ion: 75 Resp: 268379

Ion Ratio Lower Upper

75 100

77 30.4 24.8 37.2

39 40.5 30.7 46.1



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

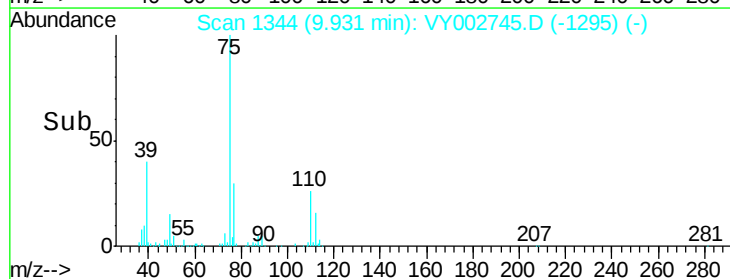
150000

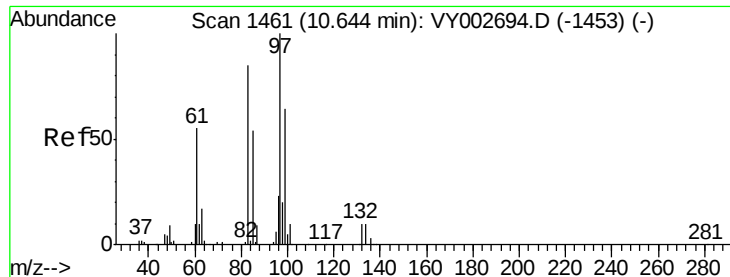
100000

50000

0

Time-->



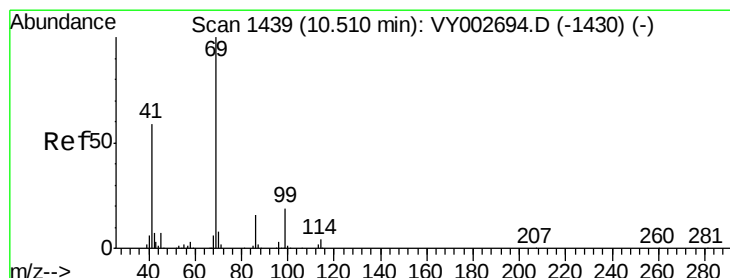
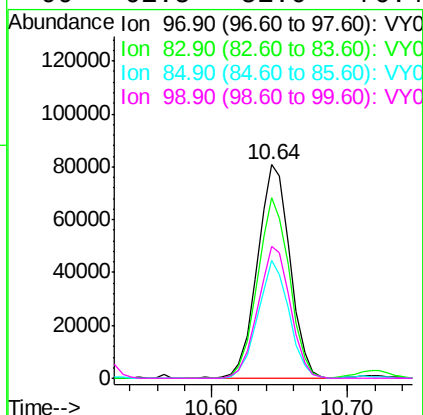
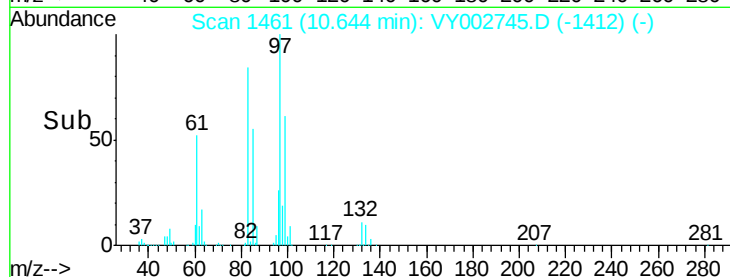
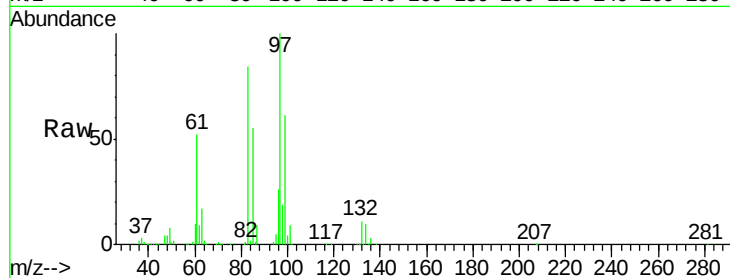


#55
 1,1,2-Trichloroethane
 Concen: 51.764 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 135644

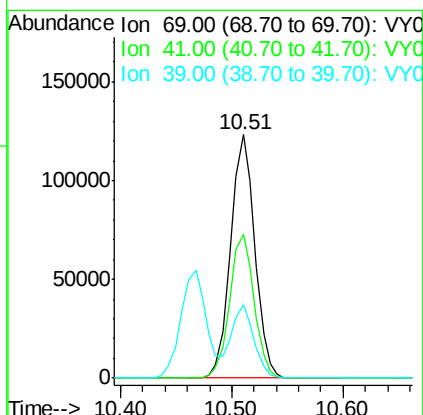
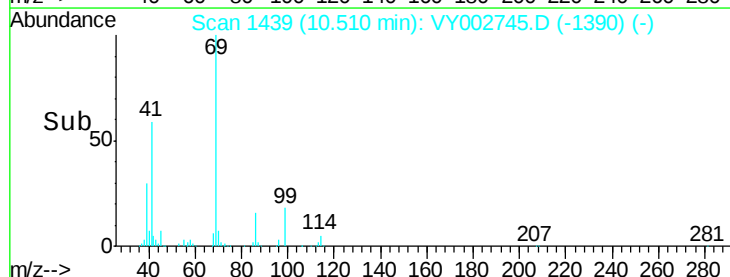
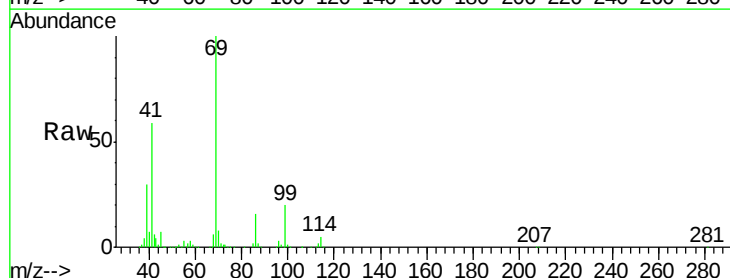
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.1	102.1
85	54.9	43.1	64.7
99	61.5	51.0	76.4

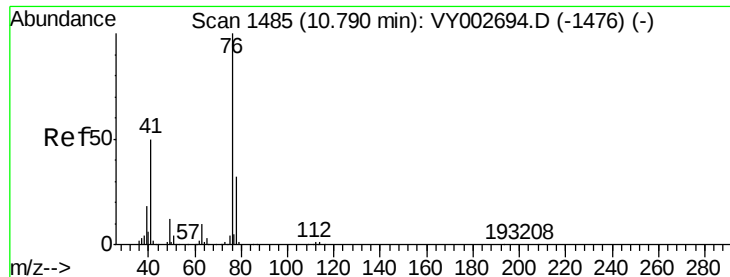


#56
 Ethyl methacrylate
 Concen: 53.075 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Tgt Ion: 69 Resp: 185156

Ion	Ratio	Lower	Upper
69	100		
41	59.5	48.0	72.0
39	27.1	22.1	33.1





#57

1,3-Dichloropropane

Concen: 50.671 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

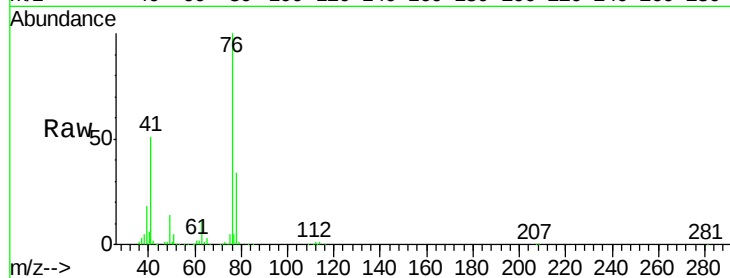
VSTDCCC050EC

Tot Ion: 76 Resp: 222511

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

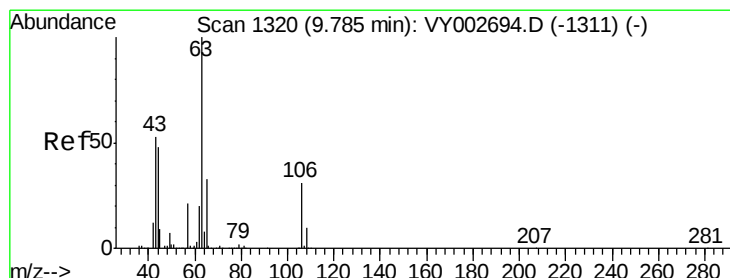
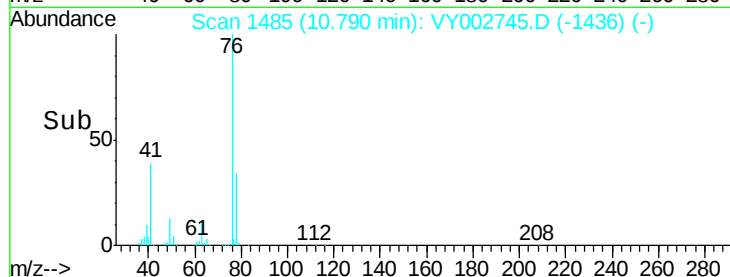
150000

100000

50000

0

Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 275.316 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002745.D

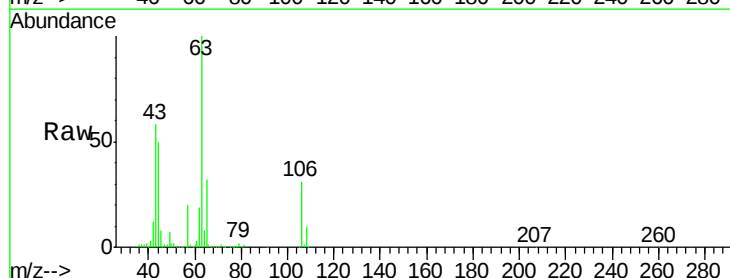
Acq: 21 May 2020 16:52

Tgt Ion: 63 Resp: 474151

Ion Ratio Lower Upper

63 100

106 31.0 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

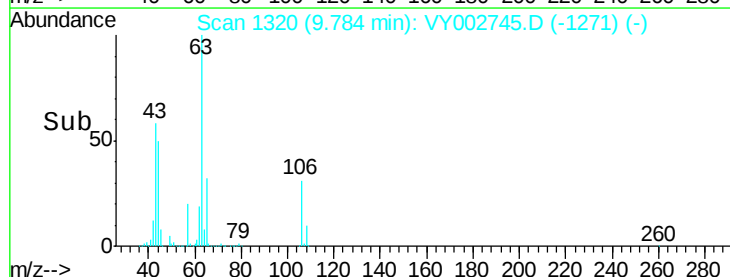
300000

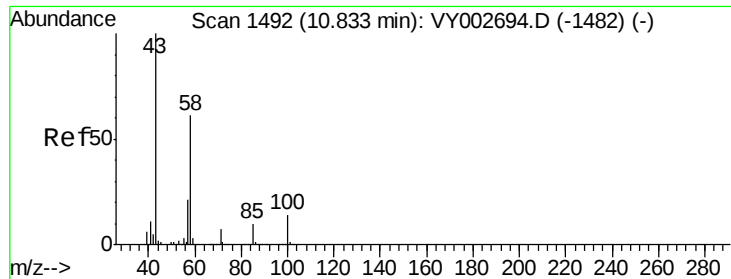
200000

100000

0

Time--> 9.70 9.80 9.90

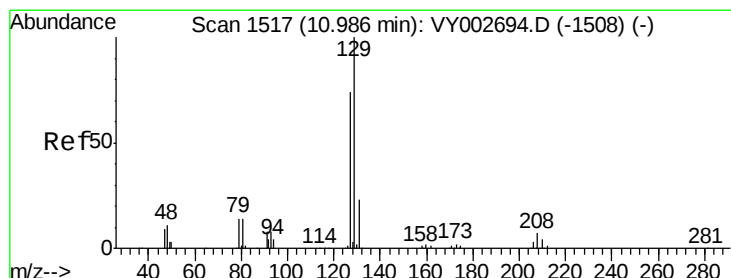
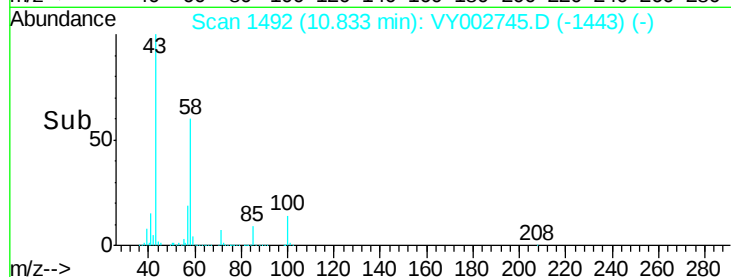
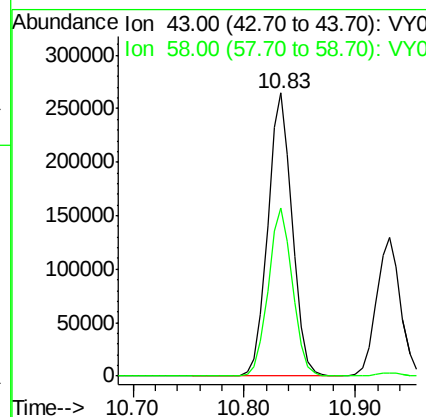
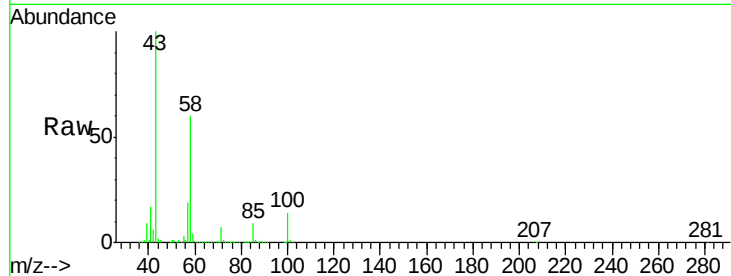




#59
2-Hexanone
Concen: 271.342 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

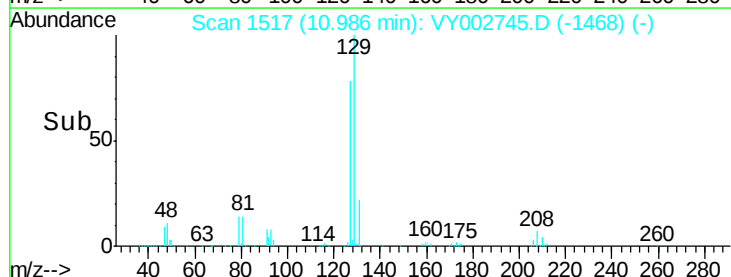
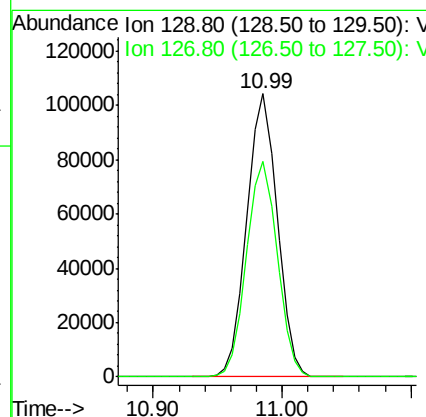
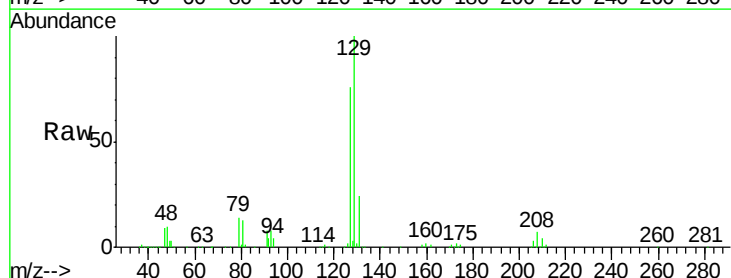
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

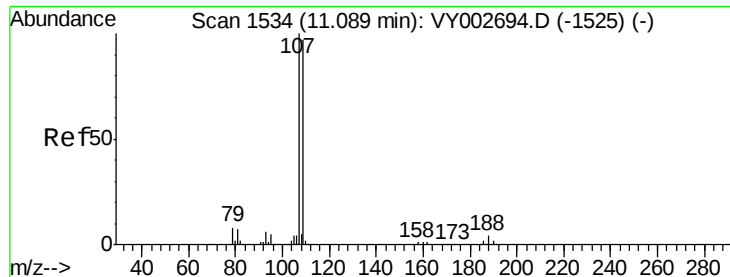
Tot Ion: 43 Resp: 403614
Ion Ratio Lower Upper
43 100
58 59.2 29.8 89.4



#60
Dibromochloromethane
Concen: 51.022 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion: 129 Resp: 170807
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

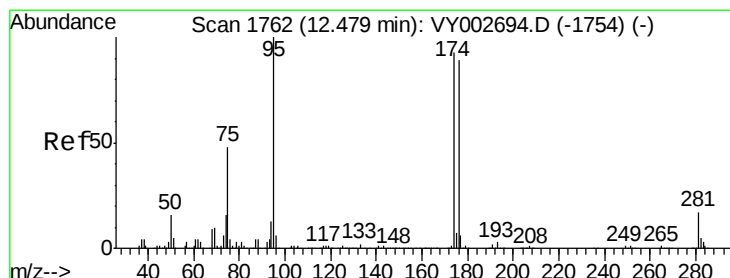
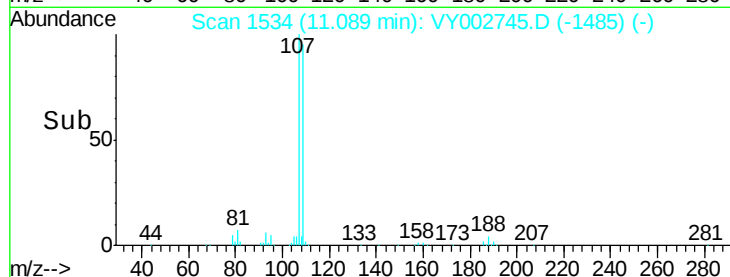
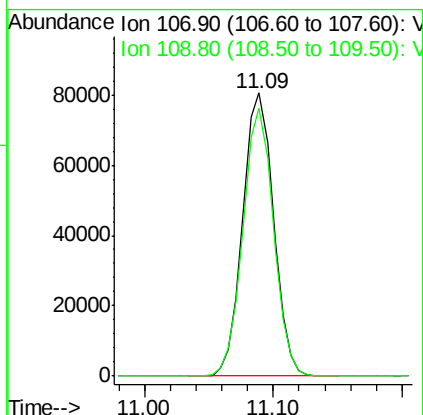
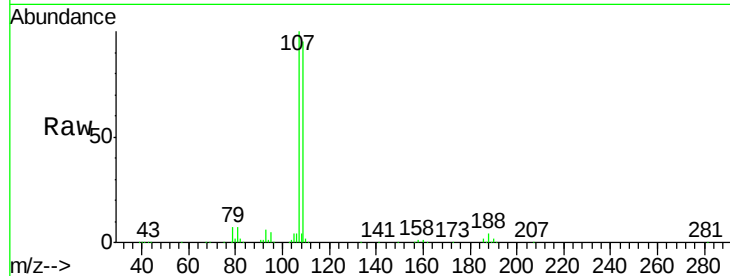




#61
1,2-Dibromoethane
Concen: 51.610 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

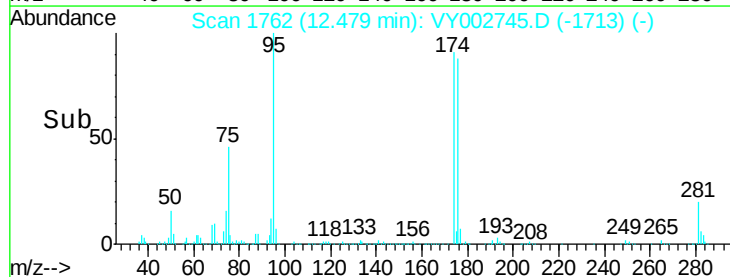
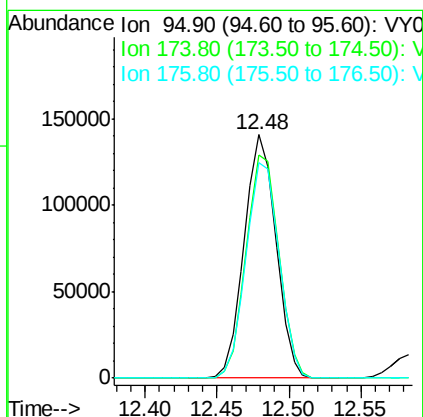
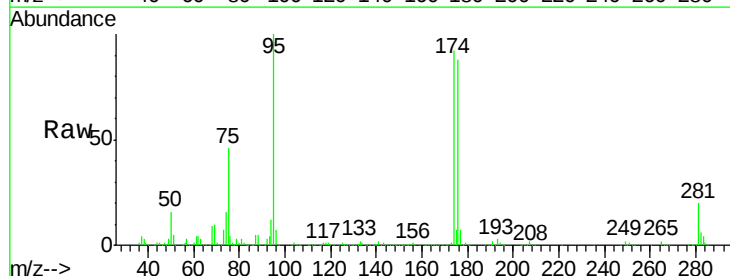
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

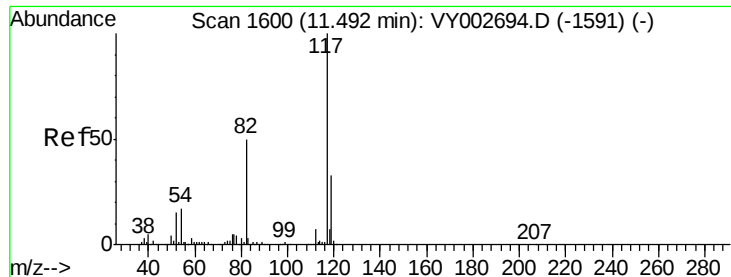
Tot Ion: 107 Resp: 133244
Ion Ratio Lower Upper
107 100
109 93.7 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 52.778 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion: 95 Resp: 215395
Ion Ratio Lower Upper
95 100
174 94.4 0.0 191.4
176 91.8 0.0 186.0

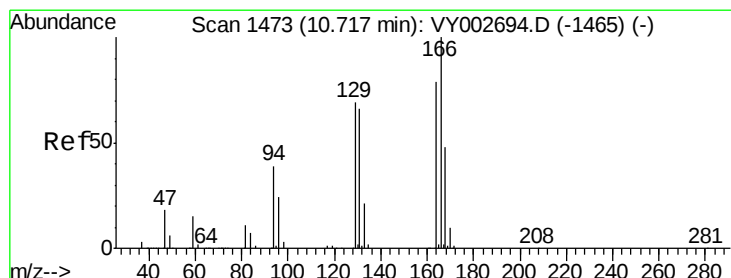
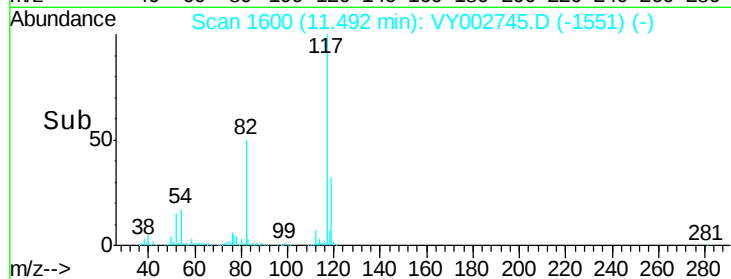
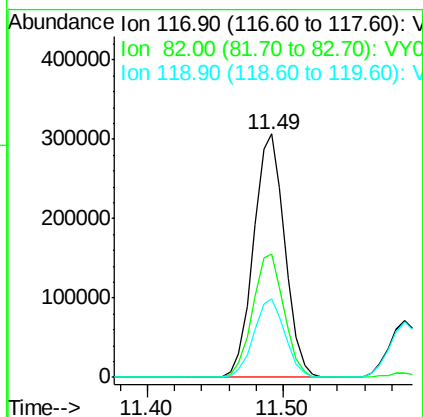
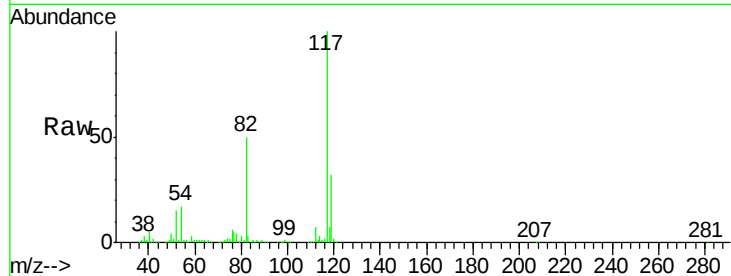




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

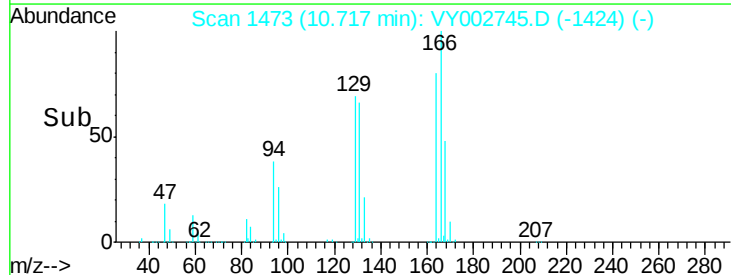
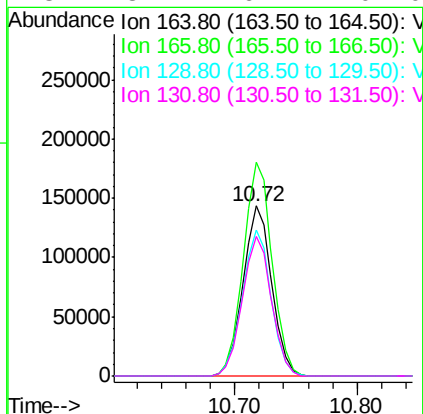
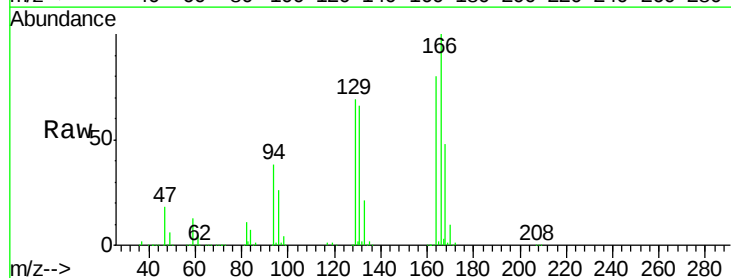
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

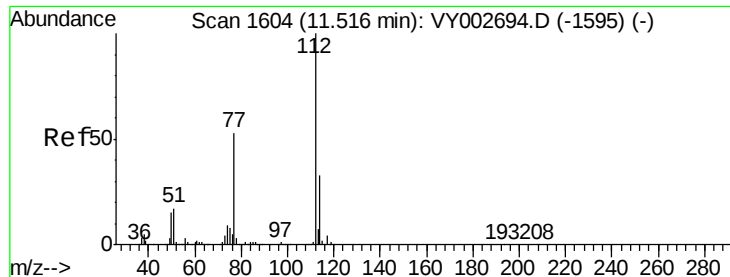
Tot Ion:117 Resp: 493581
Ion Ratio Lower Upper
117 100
82 50.4 40.3 60.5
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 49.684 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion:164 Resp: 232815
Ion Ratio Lower Upper
164 100
166 125.7 101.6 152.4
129 86.1 70.2 105.4
131 82.4 67.4 101.0

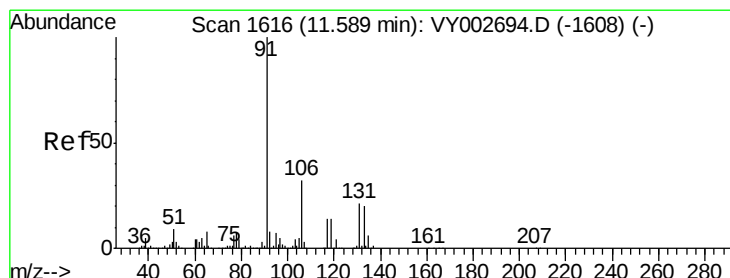
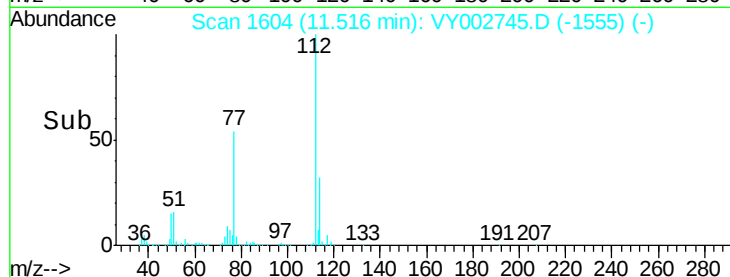
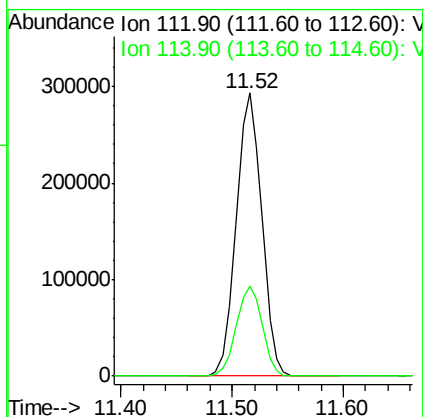
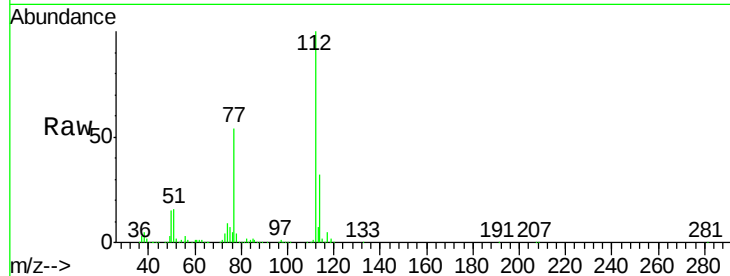




#65
Chlorobenzene
Concen: 48.679 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

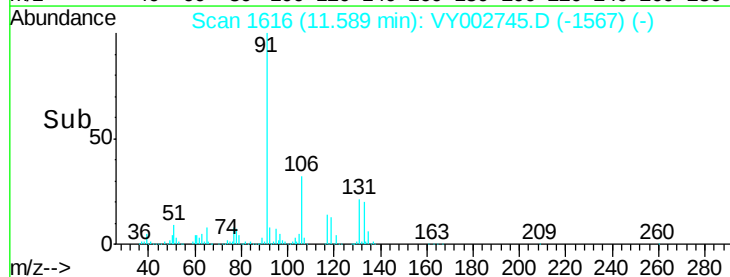
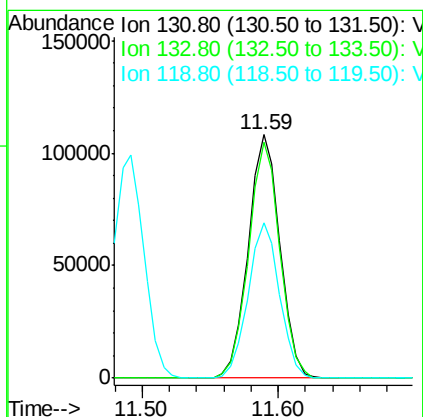
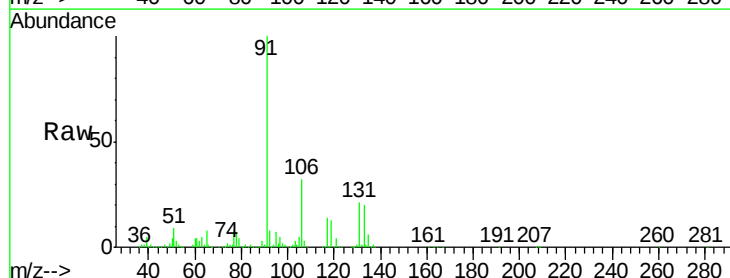
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

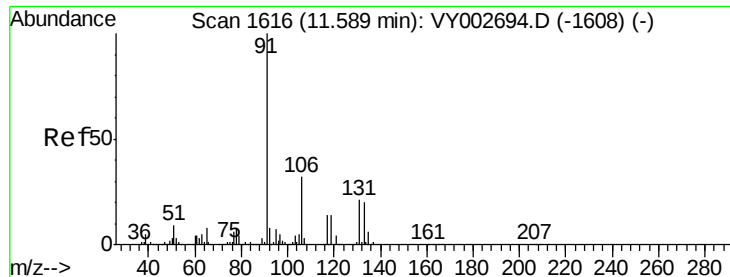
Tot Ion:112 Resp: 464295
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.753 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion:131 Resp: 176118
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.3
119 63.4 31.6 94.8

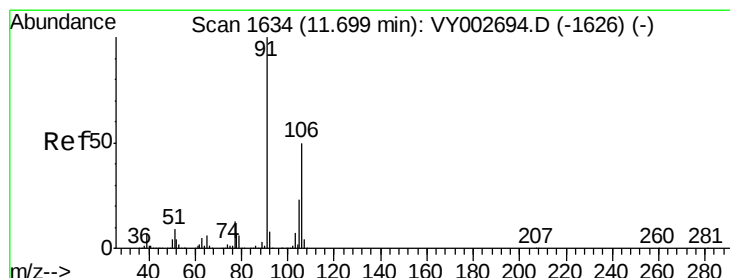
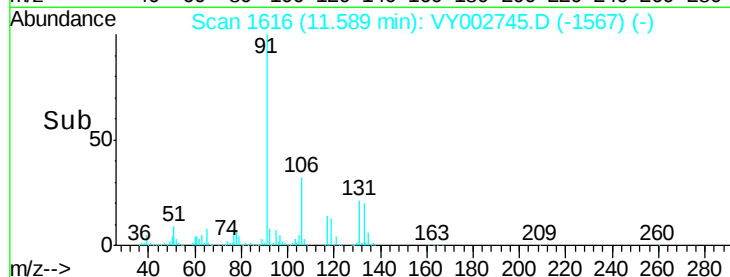
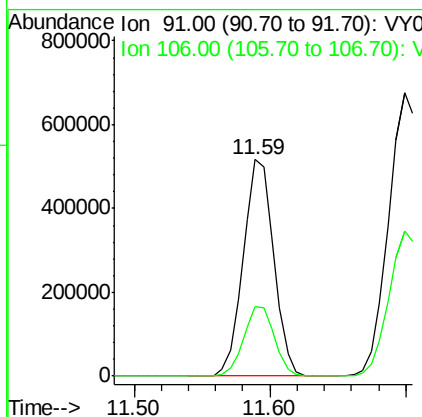
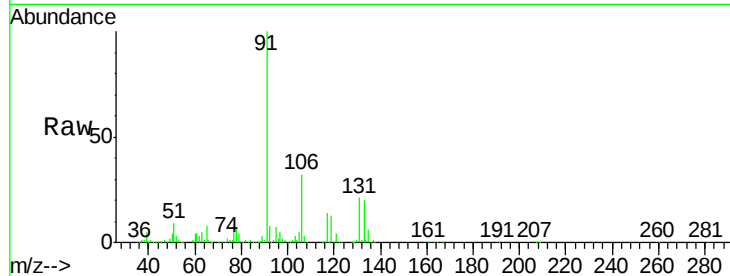




#67
Ethyl Benzene
Concen: 48.411 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

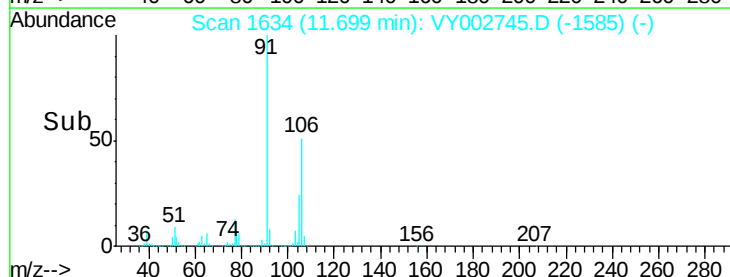
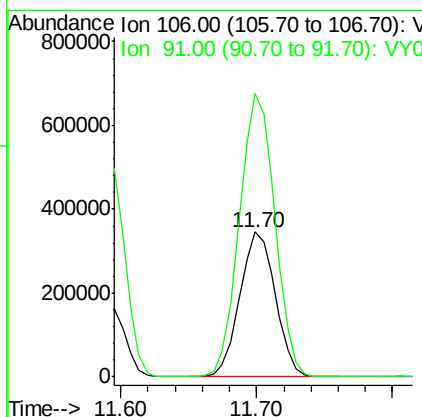
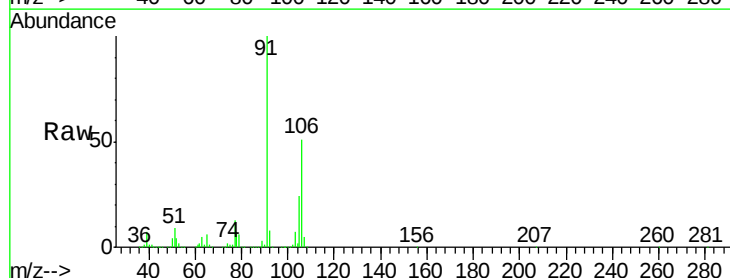
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

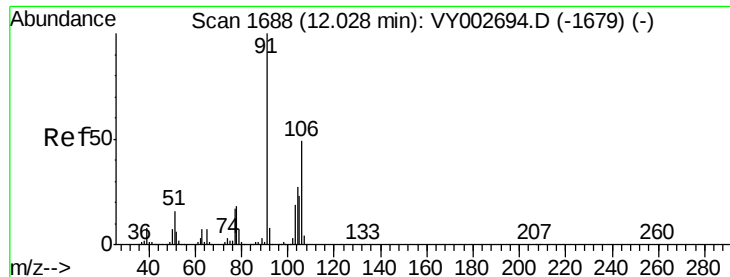
Tot Ion: 91 Resp: 810727
Ion Ratio Lower Upper
91 100
106 31.9 26.0 39.0



#68
m/p-Xylenes
Concen: 96.559 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion: 106 Resp: 629112
Ion Ratio Lower Upper
106 100
91 195.4 156.2 234.4

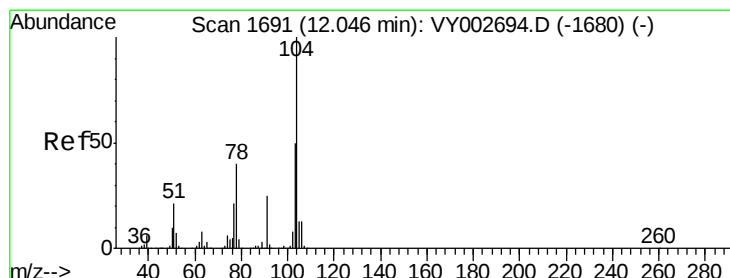
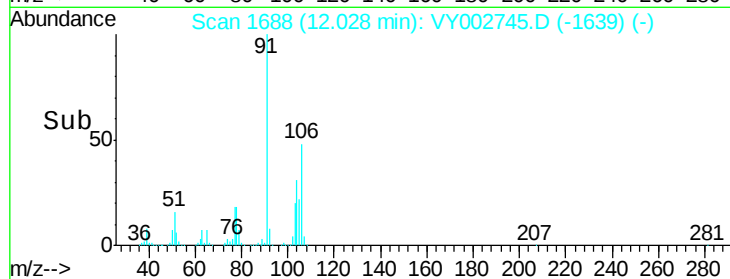
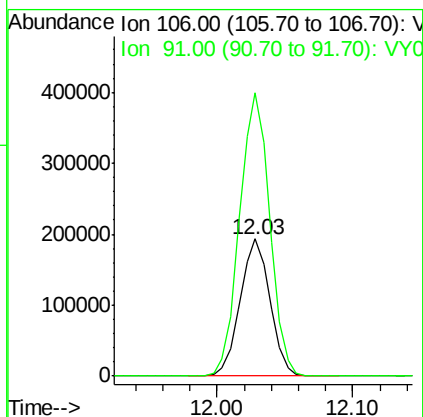
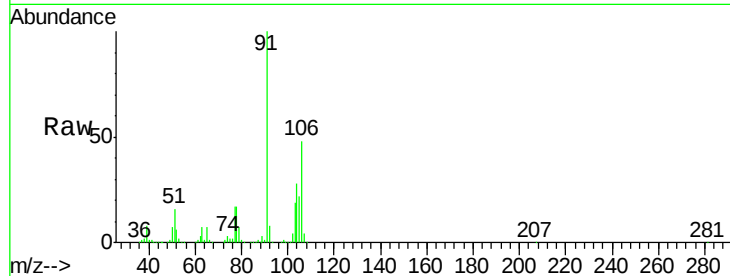




#69
o-Xylene
Concen: 48.519 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

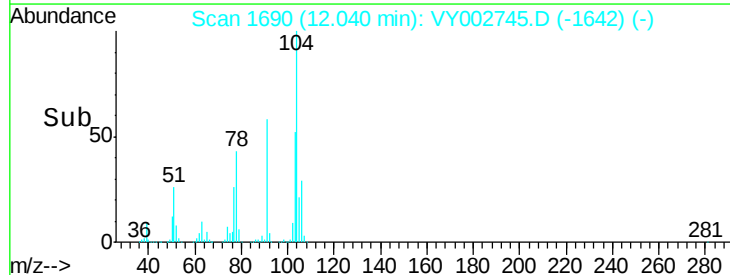
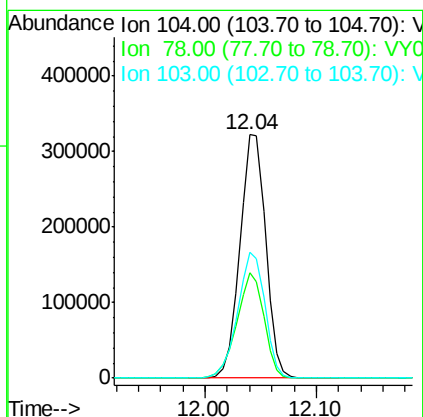
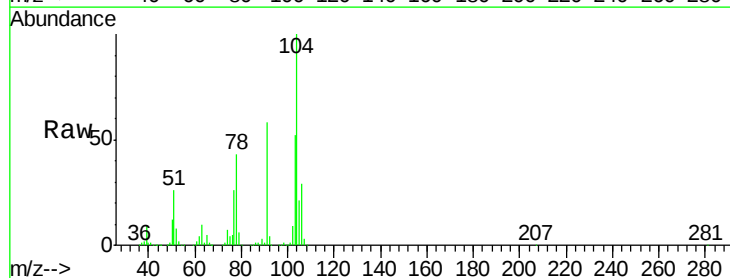
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

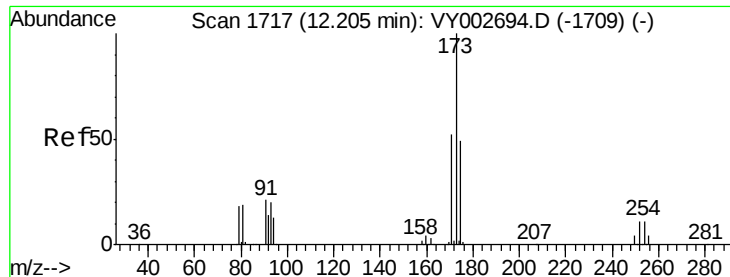
Tot Ion:106 Resp: 296698
Ion Ratio Lower Upper
106 100
91 207.5 103.5 310.3



#70
Styrene
Concen: 49.305 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion:104 Resp: 517662
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 54.6 44.1 66.1





#71

Bromoform

Concen: 51.274 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

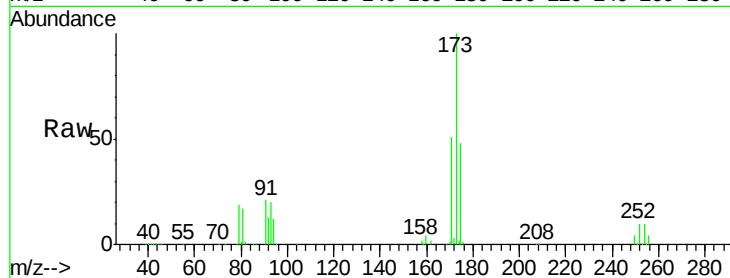
Tot Ion:173 Resp: 112194

Ion Ratio Lower Upper

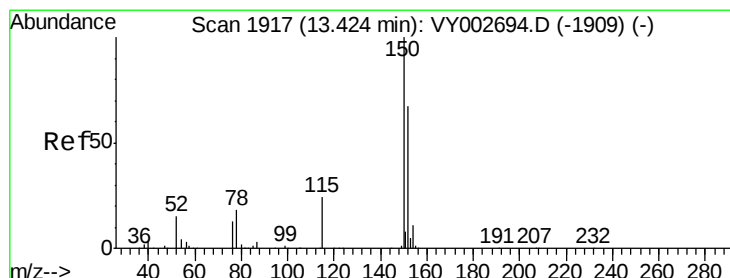
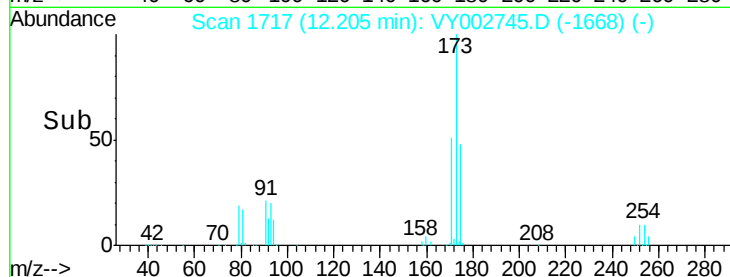
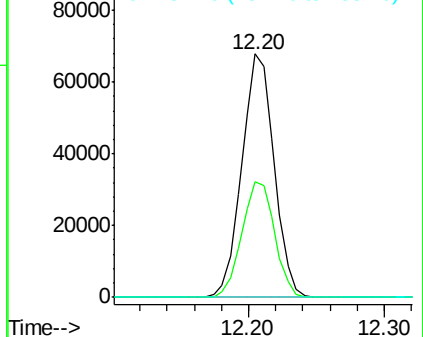
173 100

175 48.5 24.1 72.4

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: VY002745.D

Acq: 21 May 2020 16:52

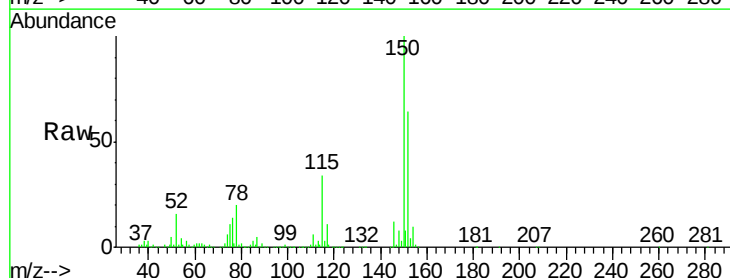
Tgt Ion:152 Resp: 257567

Ion Ratio Lower Upper

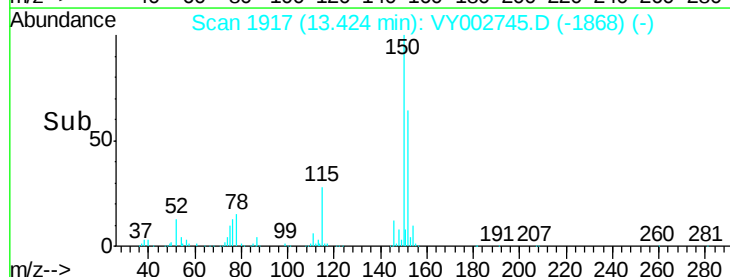
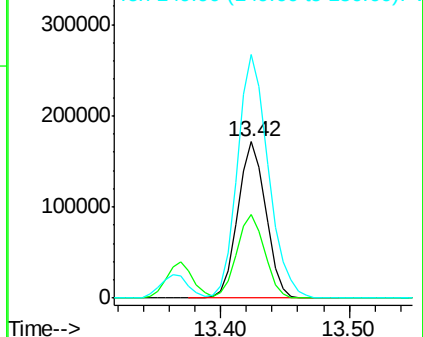
152 100

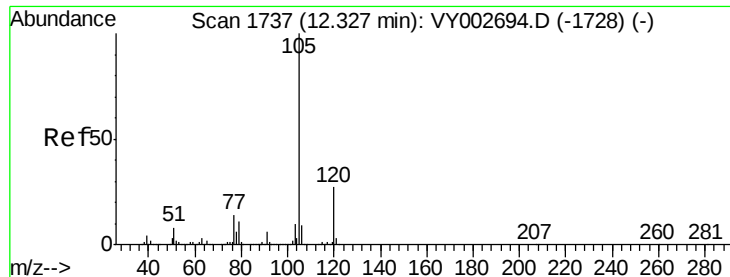
115 53.3 27.2 81.6

150 171.7 0.0 343.8



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: 48.219 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

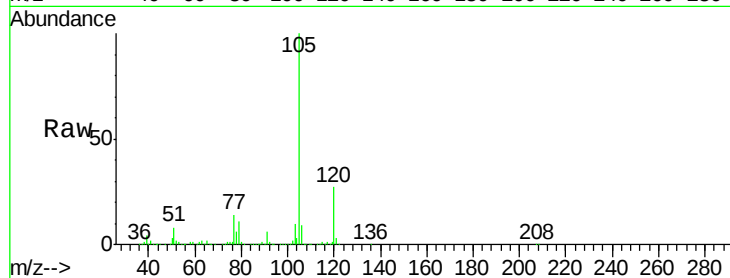
VSTDCCC050EC

Tot Ion:105 Resp: 811529

Ion Ratio Lower Upper

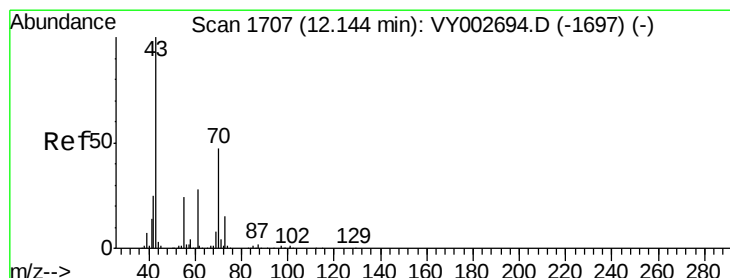
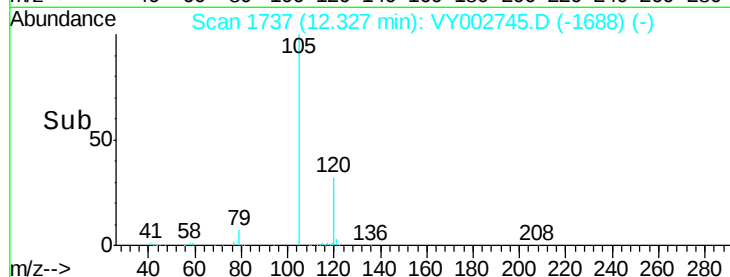
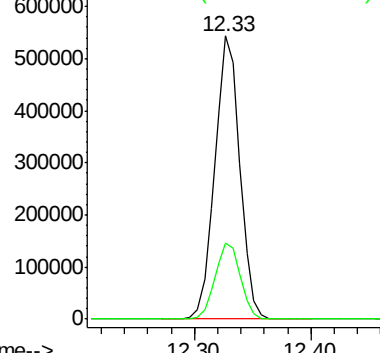
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.112 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Tgt Ion: 43 Resp: 205807

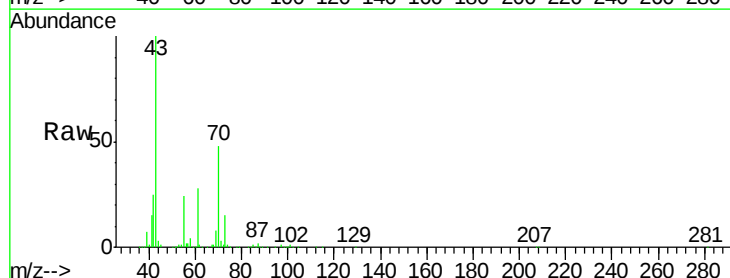
Ion Ratio Lower Upper

43 100

70 47.4 37.7 56.5

55 24.5 19.4 29.0

61 27.0 21.3 31.9

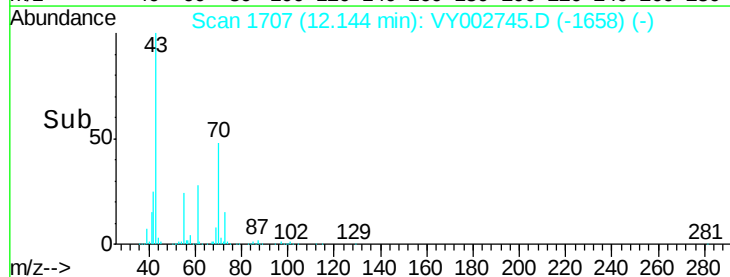
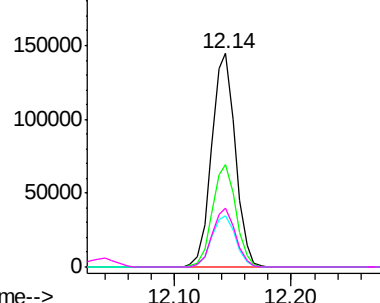


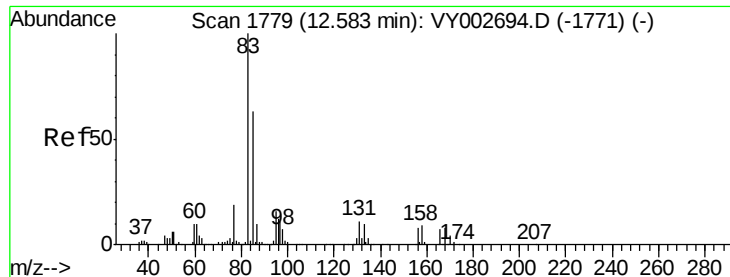
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.185 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

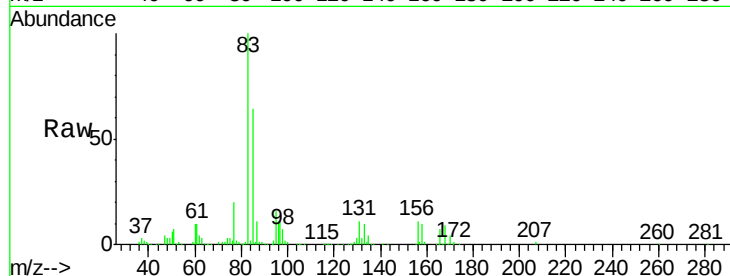
Tot Ion: 83 Resp: 126852

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.3

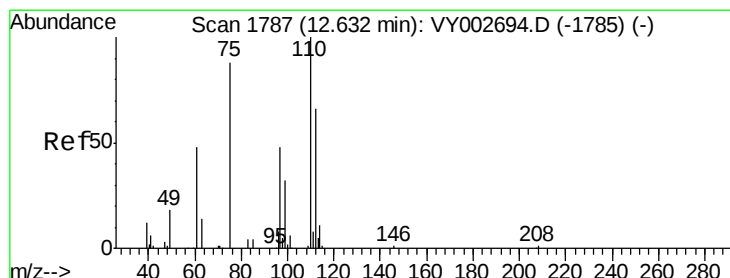
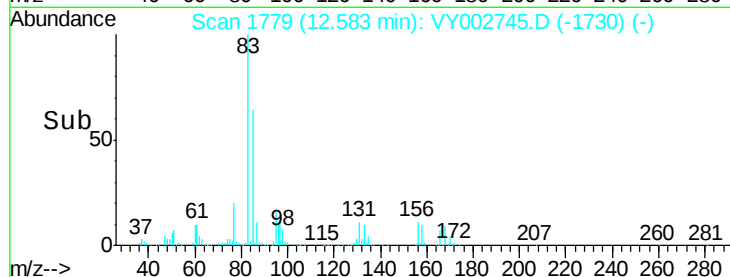
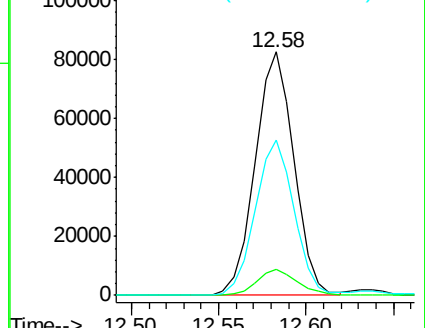
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002745.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002745.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002745.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 50.510 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002745.D

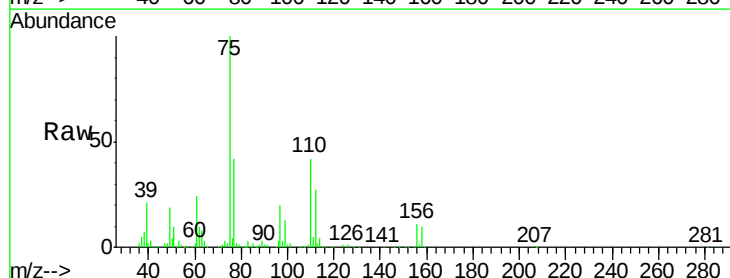
Acq: 21 May 2020 16:52

Tgt Ion: 75 Resp: 106870

Ion Ratio Lower Upper

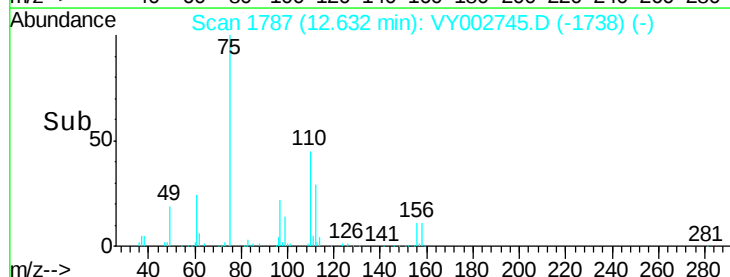
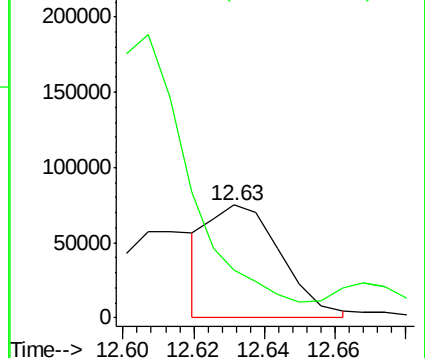
75 100

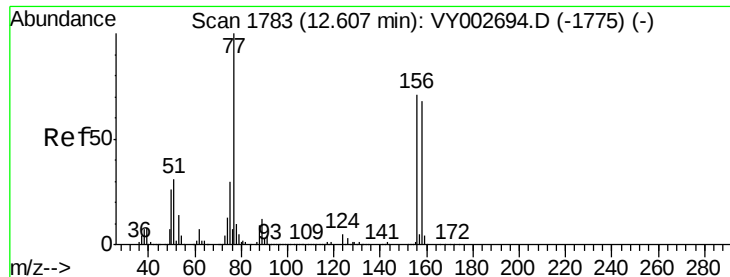
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002745.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002745.D (-1738) (-)





#77

Bromobenzene

Concen: 48.882 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

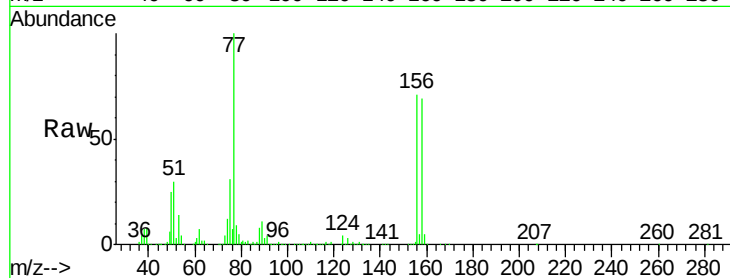
Tot Ion:156 Resp: 205677

Ion Ratio Lower Upper

156 100

77 161.4 80.8 242.3

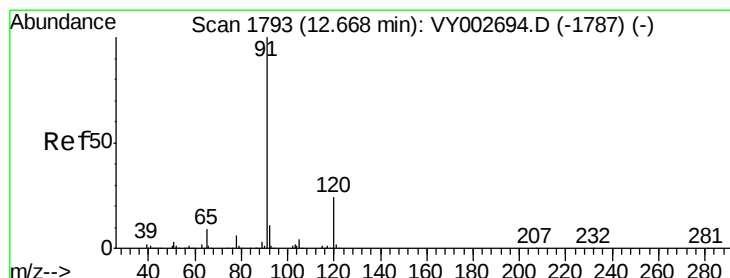
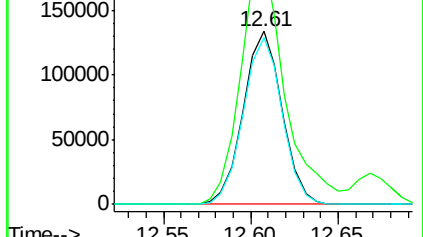
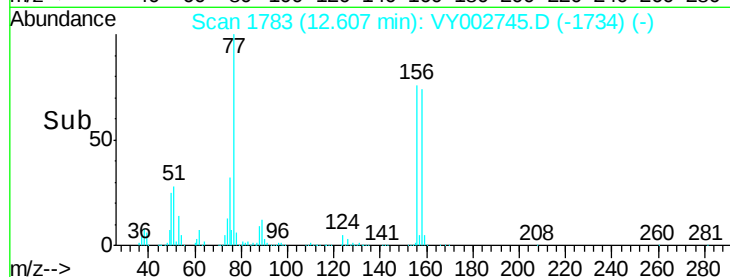
158 97.4 49.0 147.0



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: 48.143 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002745.D

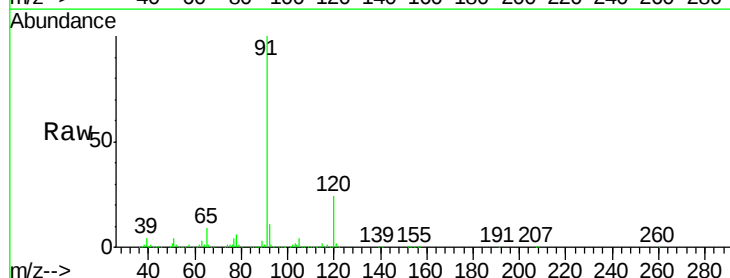
Acq: 21 May 2020 16:52

Tgt Ion: 91 Resp: 942566

Ion Ratio Lower Upper

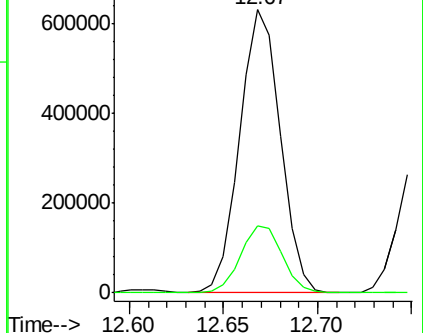
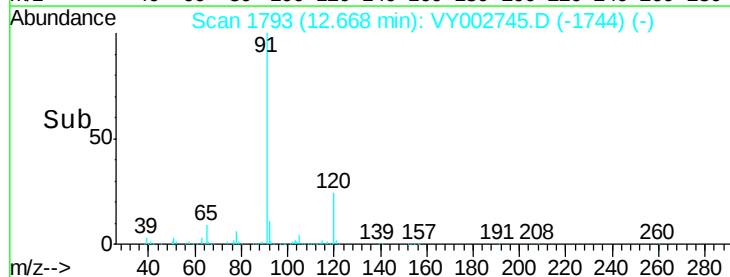
91 100

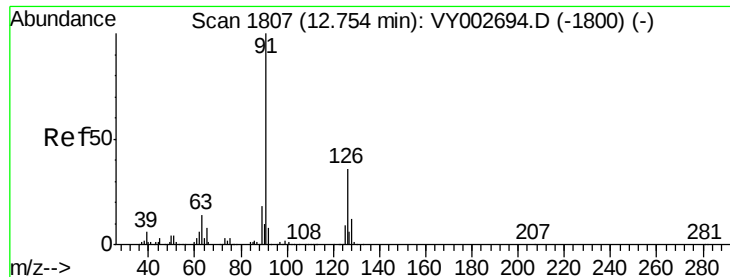
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.787 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

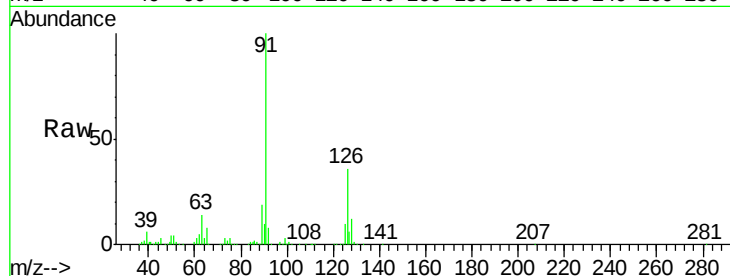
VSTDCCC050EC

Tot Ion: 91 Resp: 518915

Ion Ratio Lower Upper

91 100

126 36.7 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VY002745.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY002745.D (-1758) (-)

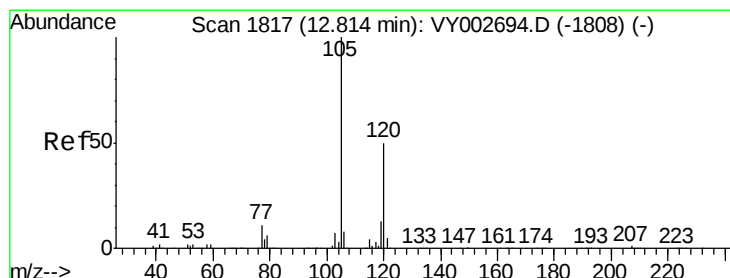
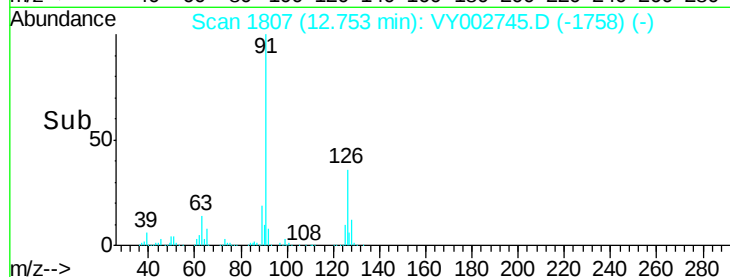
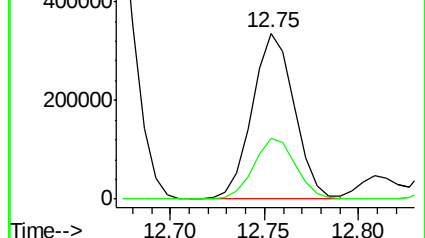
600000

400000

200000

0

12.70 12.75 12.80



#80

1,3,5-Trimethylbenzene

Concen: 47.743 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002745.D

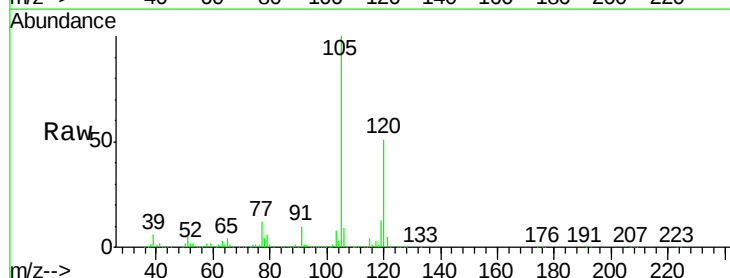
Acq: 21 May 2020 16:52

Tgt Ion: 105 Resp: 675159

Ion Ratio Lower Upper

105 100

120 51.3 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY002745.D (-1768) (-)

Ion 120.00 (119.70 to 120.70): VY002745.D (-1768) (-)

500000

400000

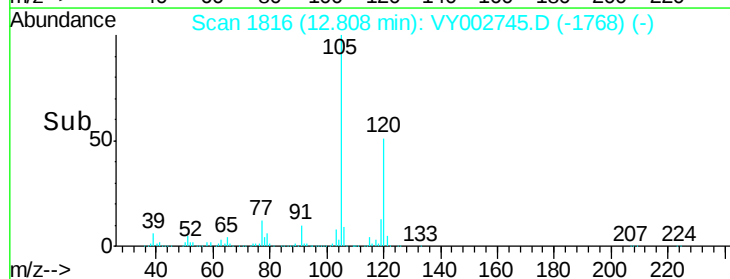
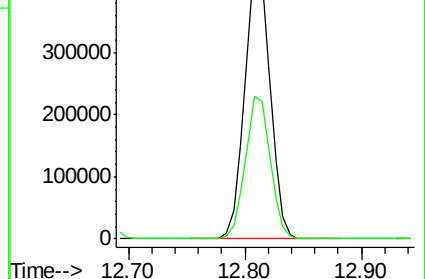
300000

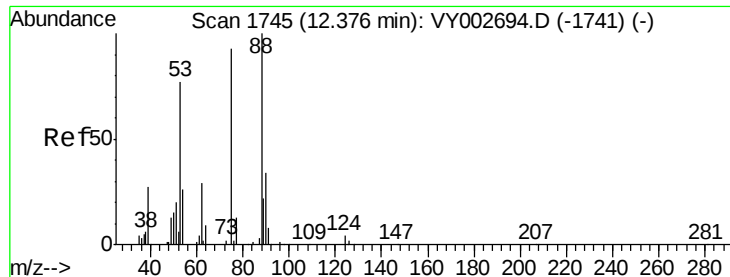
200000

100000

0

12.70 12.80 12.90





#81

trans-1,4-Dichloro-2-butene

Concen: 50.480 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

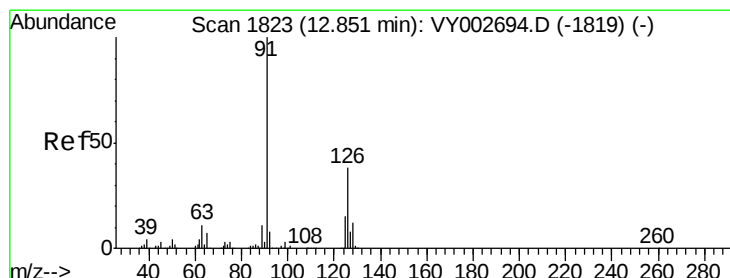
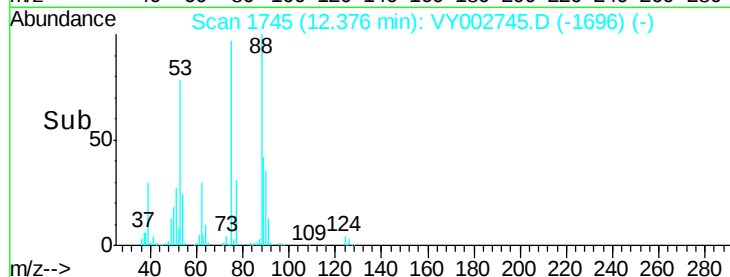
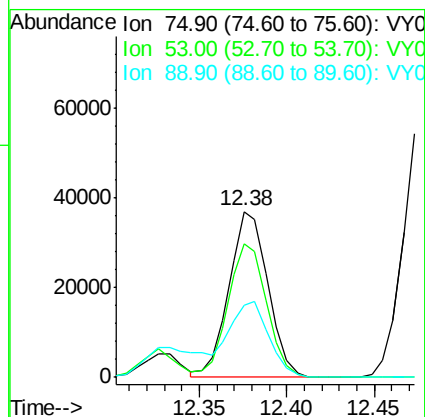
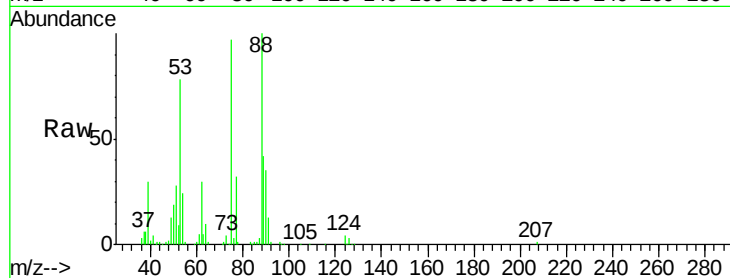
Tot Ion: 75 Resp: 56475

Ion Ratio Lower Upper

75 100

53 81.1 65.0 97.6

89 46.8 66.6 99.8#



#82

4-Chlorotoluene

Concen: 47.823 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002745.D

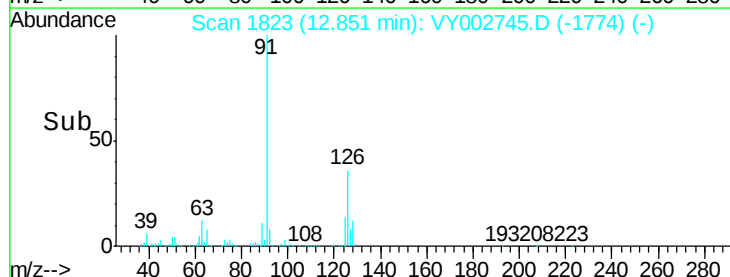
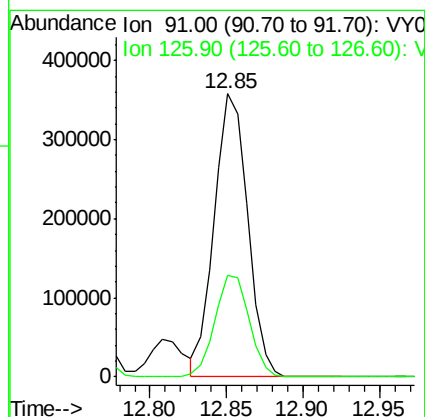
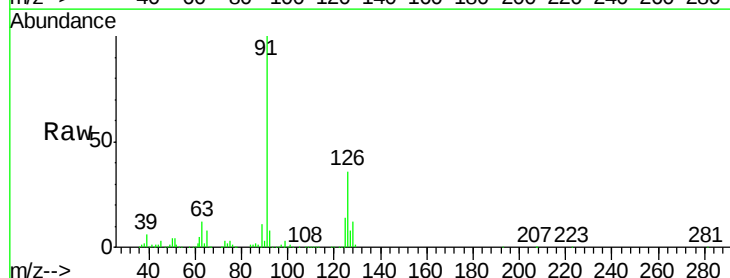
Acq: 21 May 2020 16:52

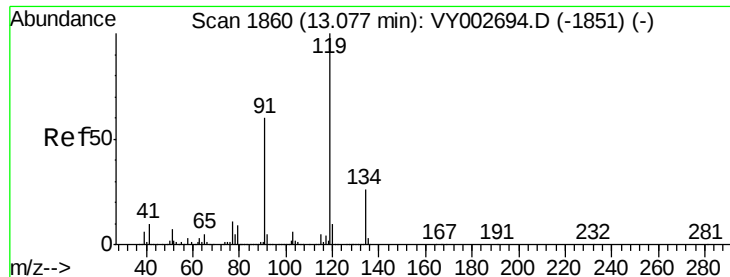
Tgt Ion: 91 Resp: 543968

Ion Ratio Lower Upper

91 100

126 37.0 18.6 56.0

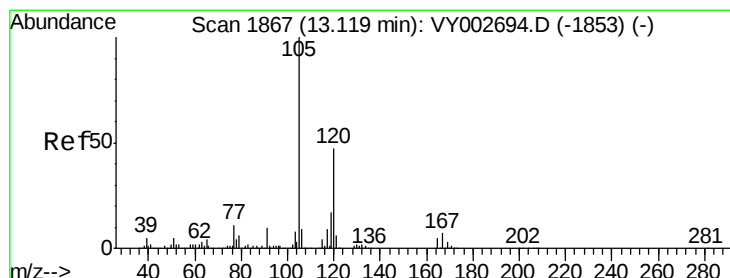
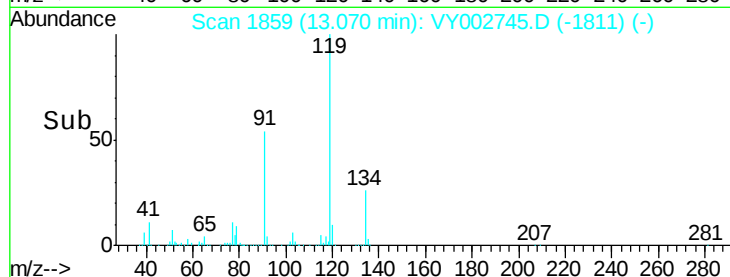
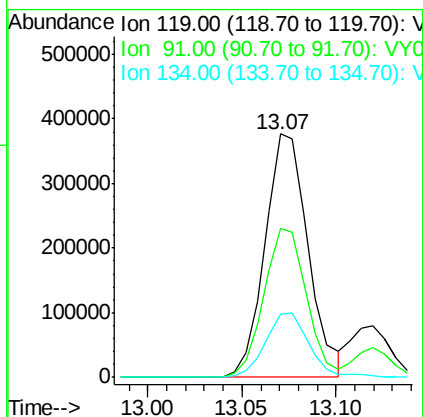
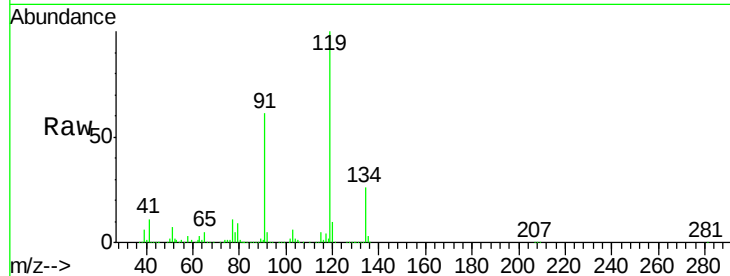




#83
tert-Butylbenzene
Concen: 47.923 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

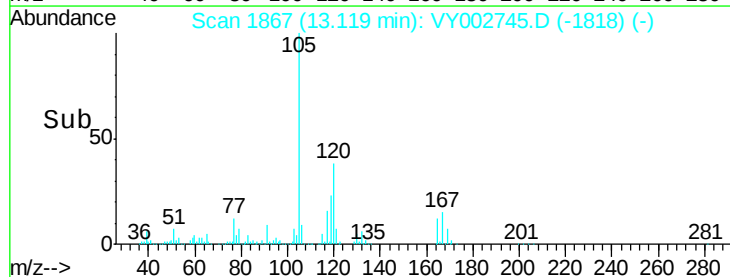
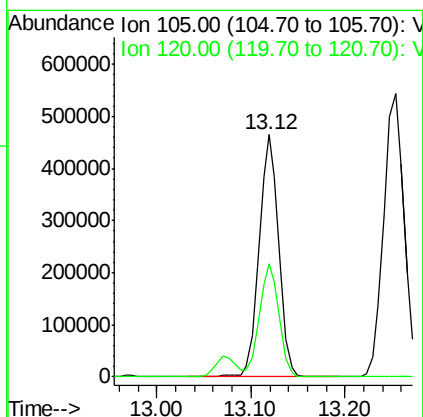
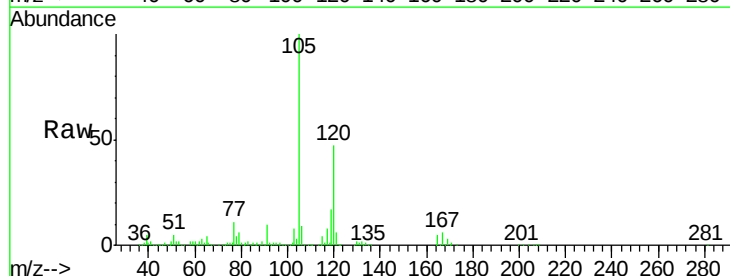
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

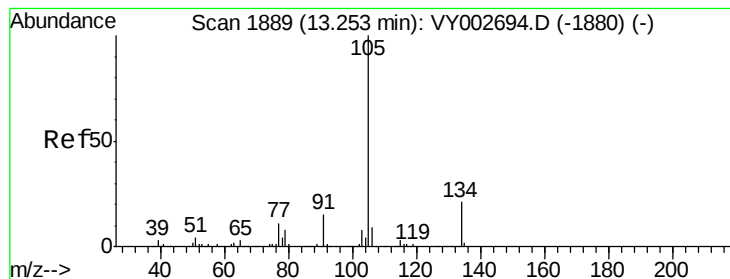
Tot Ion:119 Resp: 599779
Ion Ratio Lower Upper
119 100
91 60.3 30.4 91.2
134 26.8 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 48.113 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion:105 Resp: 679977
Ion Ratio Lower Upper
105 100
120 46.3 23.5 70.5





#85

sec-Butylbenzene

Concen: 47.478 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

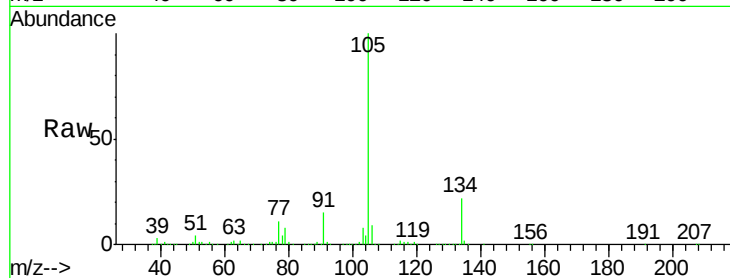
VSTDCCC050EC

Tot Ion:105 Resp: 819953

Ion Ratio Lower Upper

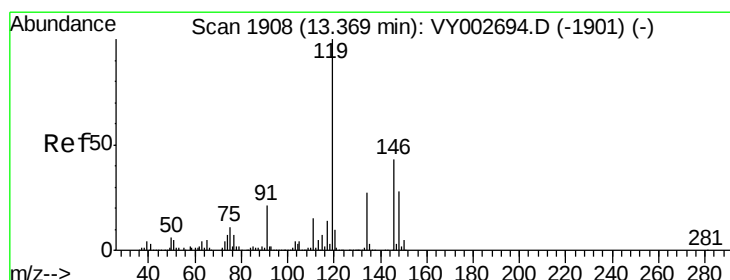
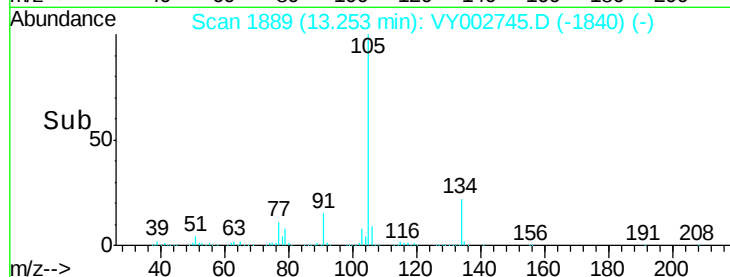
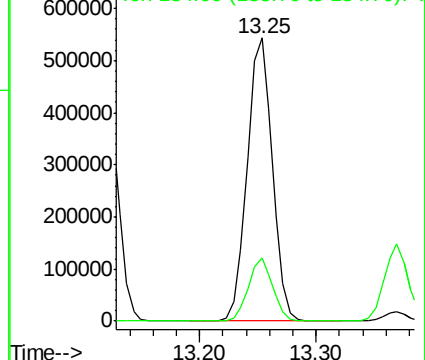
105 100

134 21.6 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.675 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

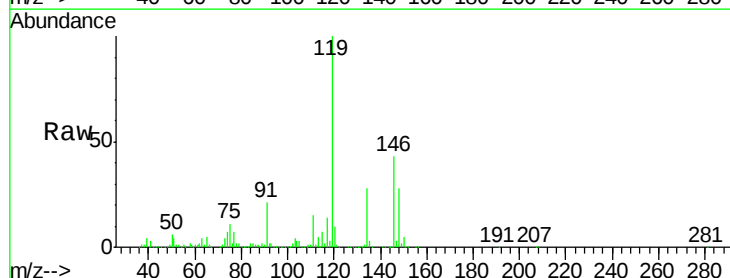
Tgt Ion:119 Resp: 770681

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

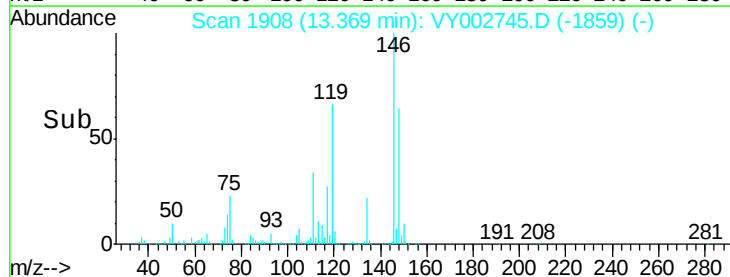
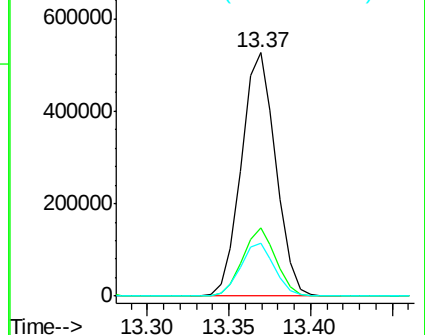
91 21.3 10.8 32.3

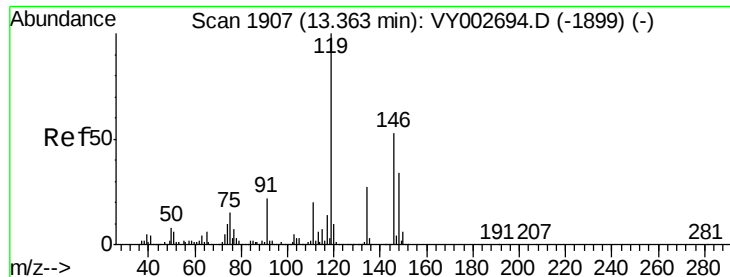


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

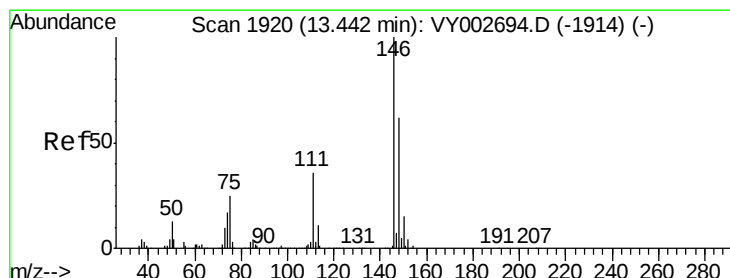
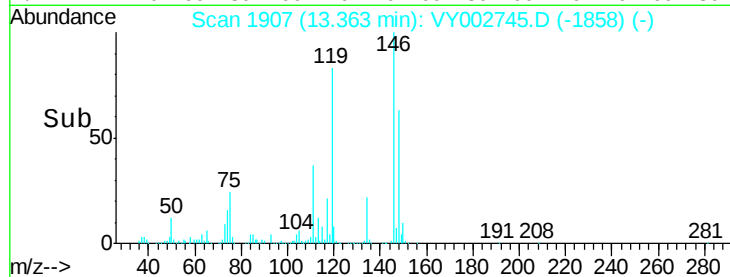
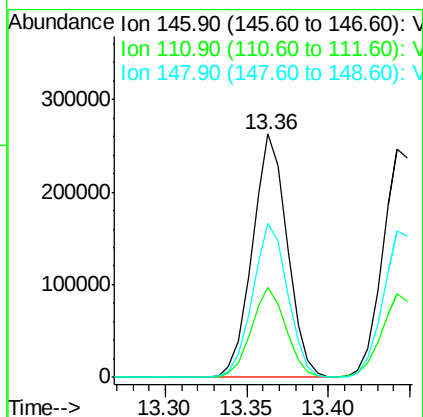
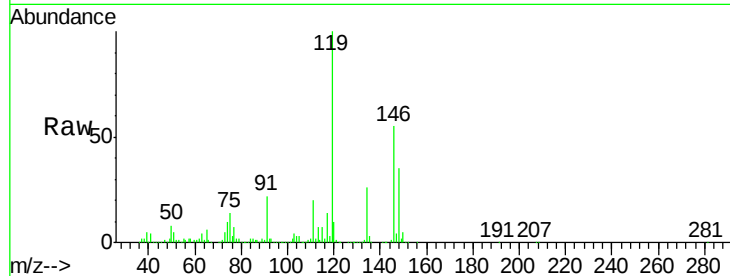




#87
 1,3-Dichlorobenzene
 Concen: 48.097 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

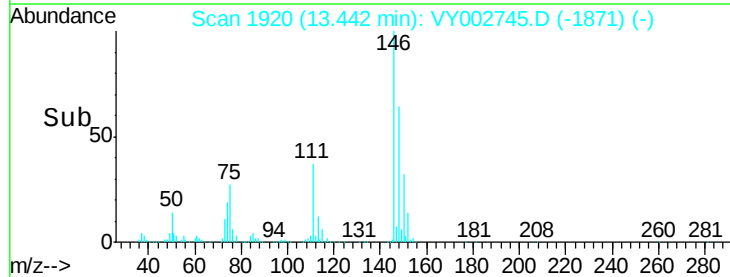
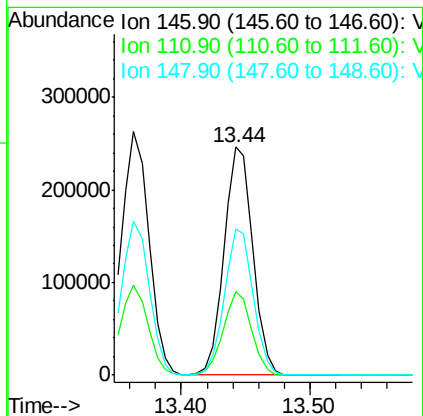
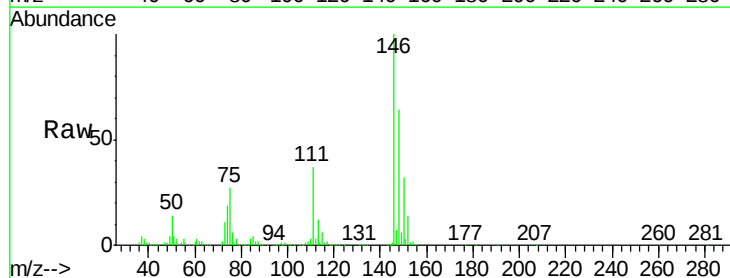
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

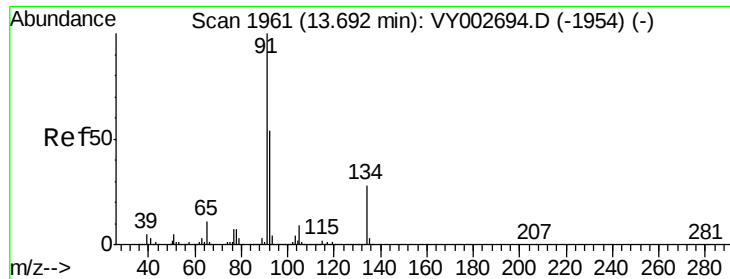
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.5	55.5
148	63.6	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.725 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.4
148	64.0	31.8	95.3

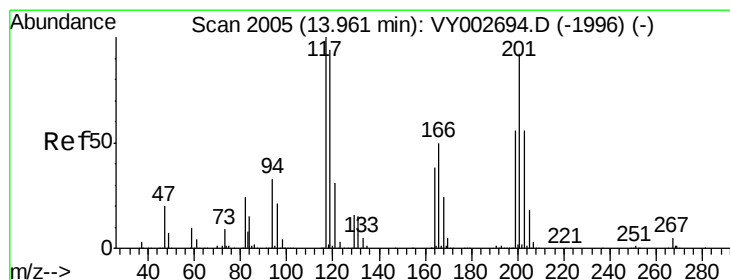
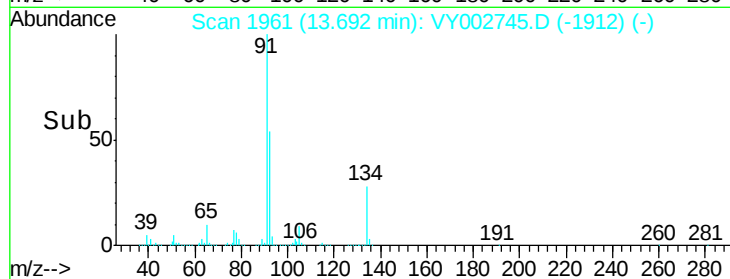
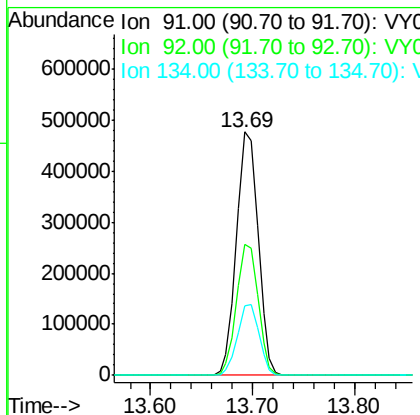
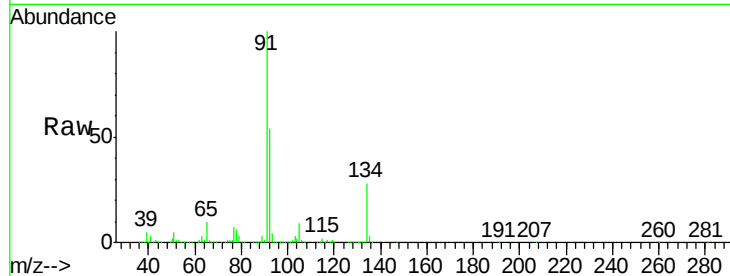




#89
n-Butylbenzene
Concen: 47.034 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

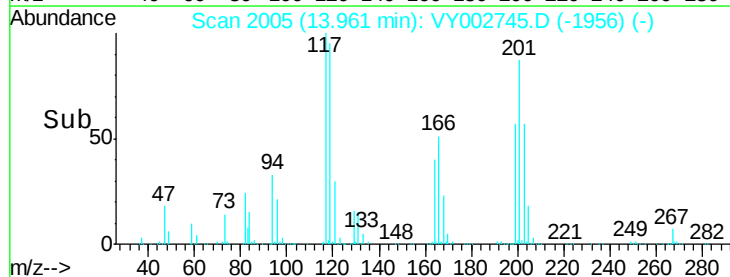
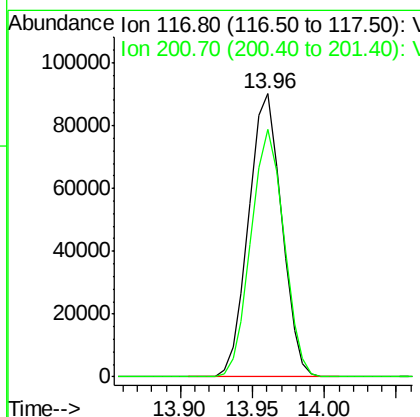
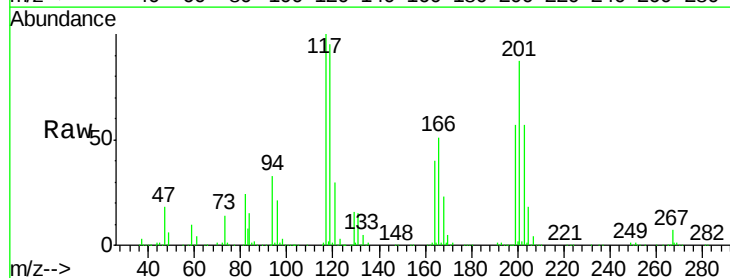
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

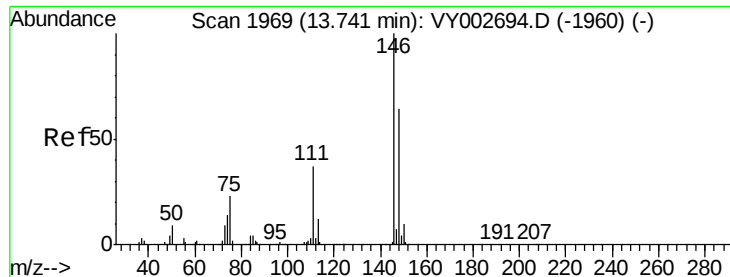
Tot Ion: 91 Resp: 698221
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.4
134 28.9 14.5 43.5



#90
Hexachloroethane
Concen: 47.875 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002745.D
Acq: 21 May 2020 16:52

Tgt Ion: 117 Resp: 143343
Ion Ratio Lower Upper
117 100
201 87.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 48.075 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

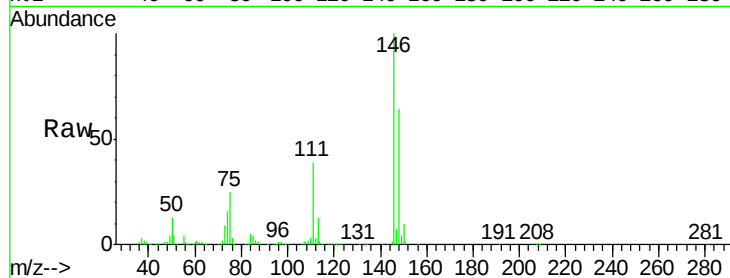
Tot Ion:146 Resp: 349780

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

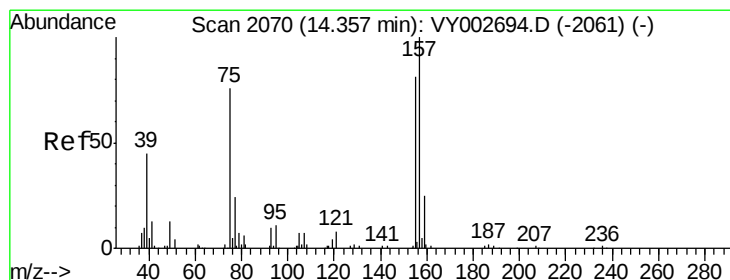
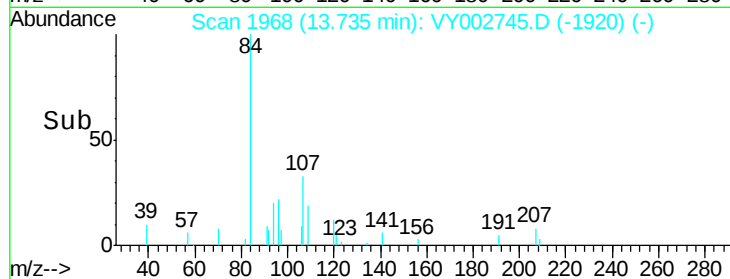
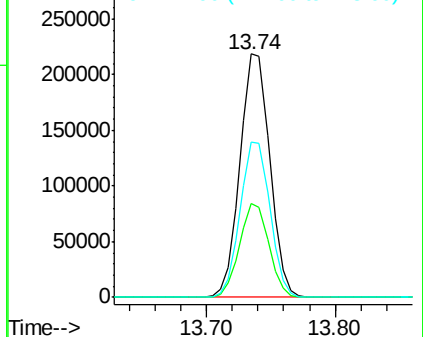
148 63.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.092 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

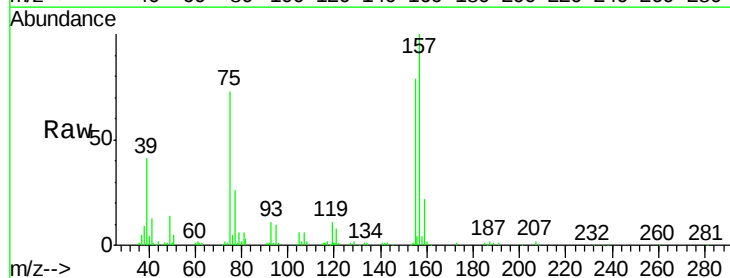
Tgt Ion: 75 Resp: 24282

Ion Ratio Lower Upper

75 100

155 104.9 53.5 160.7

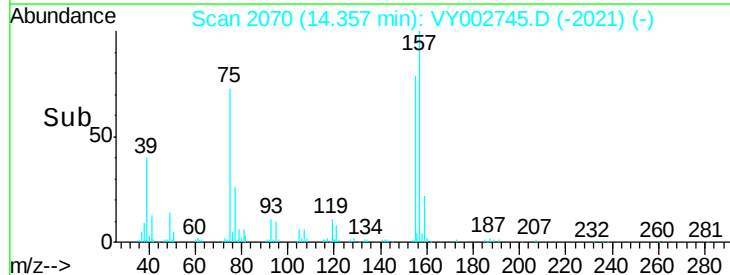
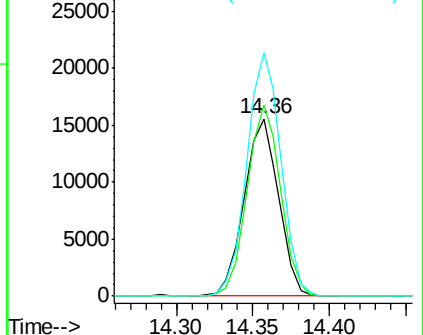
157 136.2 67.9 203.7

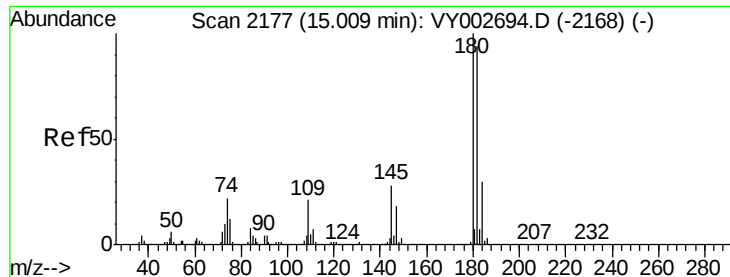


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

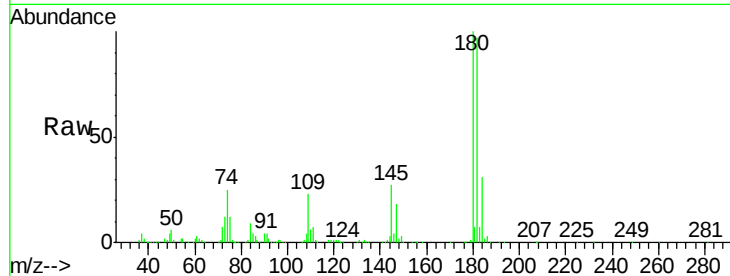




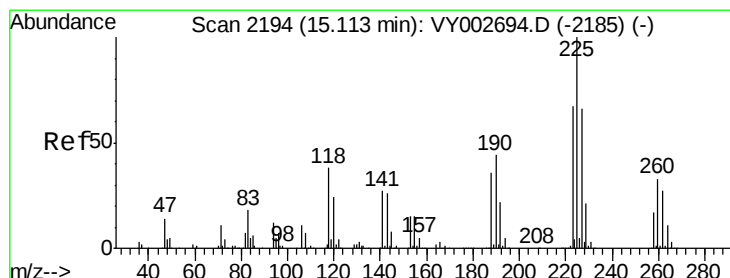
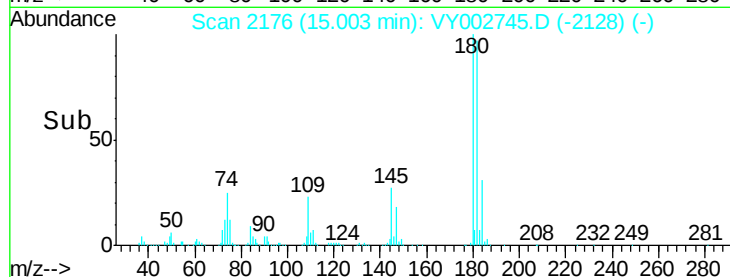
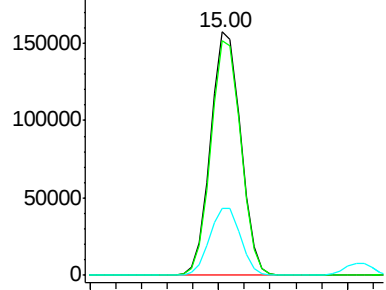
#93
 1,2,4-Trichlorobenzene
 Concen: 48.243 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	28.4	14.1	42.2

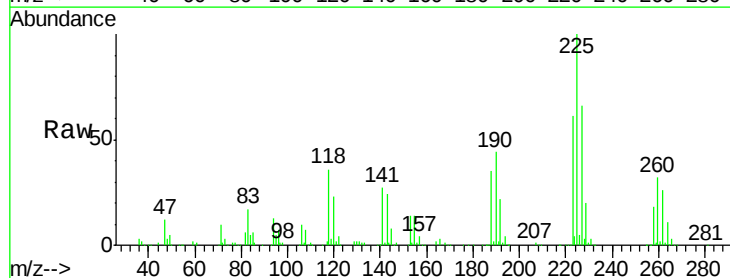


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

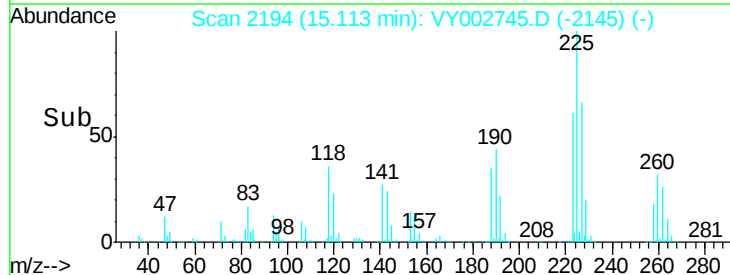
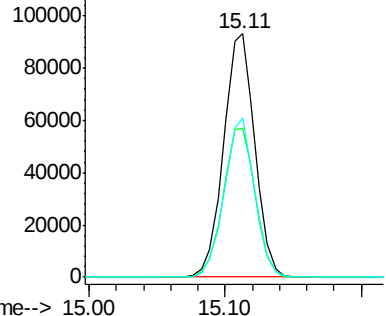


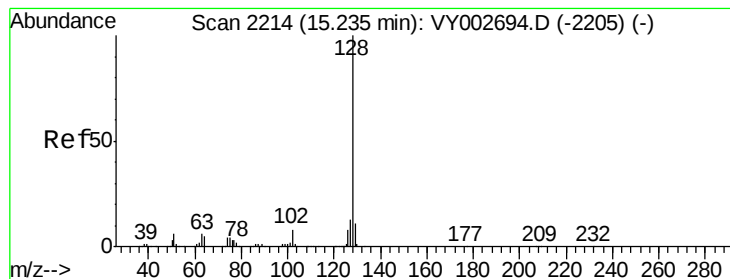
#94
 Hexachlorobutadiene
 Concen: 47.521 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002745.D
 Acq: 21 May 2020 16:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.6	94.8
227	64.1	32.2	96.6



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: 47.463 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

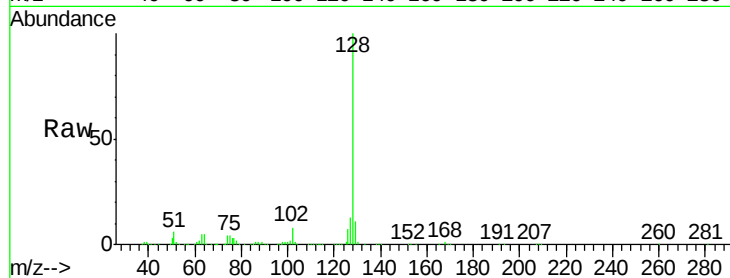
Tot Ion:128 Resp: 475589

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

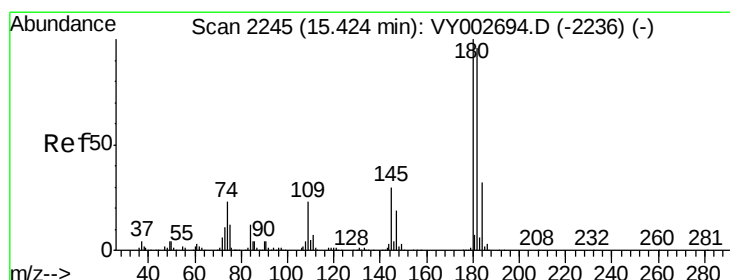
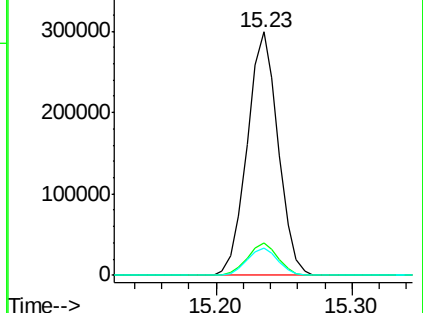
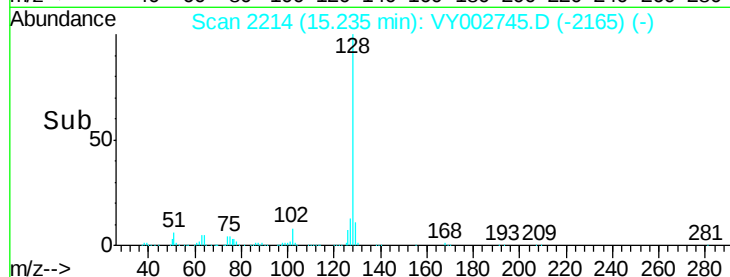
129 11.3 8.7 13.1



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: 48.512 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002745.D

Acq: 21 May 2020 16:52

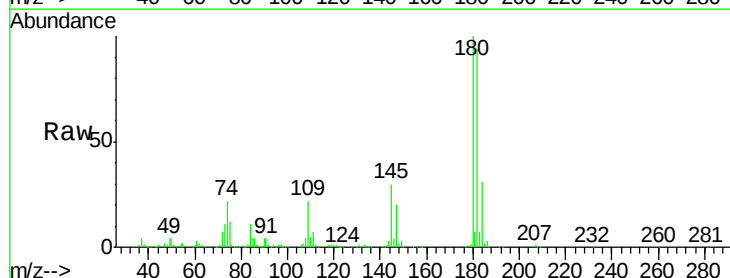
Tgt Ion:180 Resp: 216982

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 30.5 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

