

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
 Data File : VY002508.D
 Acq On : 29 Apr 2020 15:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 30 04:55:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	233495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	341290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	316002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	162902	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	95169	46.63	ug/l	0.00
Spiked Amount			Recovery	=	93.26%	
35) Dibromofluoromethane	7.74	113	89512	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
50) Toluene-d8	10.19	98	349168	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	12.49	95	116344	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	95279	55.719	ug/l	99
3) Chloromethane	2.13	50	114703	52.720	ug/l	96
4) Vinyl Chloride	2.26	62	71365	45.659	ug/l	98
5) Bromomethane	2.66	94	41491	47.298	ug/l	95
6) Chloroethane	2.81	64	30499	37.865	ug/l	97
7) Trichlorofluoromethane	3.14	101	124750	44.017	ug/l	96
8) Diethyl Ether	3.55	74	31765	27.191	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.92	101	103238	52.918	ug/l	99
10) Methyl Iodide	4.11	142	159717	53.069	ug/l	98
11) Tert butyl alcohol	4.99	59	42654	222.063	ug/l	98
12) 1,1-Dichloroethene	3.90	96	103355	51.708	ug/l	95
13) Acrolein	3.75	56	22264	144.796	ug/l	98
14) Allyl chloride	4.51	41	135769	46.220	ug/l	95
15) Acrylonitrile	5.20	53	126902	227.036	ug/l	98
16) Acetone	3.97	43	98427	230.779	ug/l	98
17) Carbon Disulfide	4.22	76	302467	48.529	ug/l	99
18) Methyl Acetate	4.51	43	57772	42.095	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	274932	50.973	ug/l	98
20) Methylene Chloride	4.74	84	113657	46.676	ug/l	94
21) trans-1,2-Dichloroethene	5.25	96	112618	50.044	ug/l	96
22) Diisopropyl ether	6.14	45	268553	46.239	ug/l	98
23) Vinyl Acetate	6.09	43	857072	232.233	ug/l	99
24) 1,1-Dichloroethane	6.05	63	173694	49.396	ug/l	99
25) 2-Butanone	7.01	43	143658	219.862	ug/l	100
26) 2,2-Dichloropropane	7.01	77	175549	52.202	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	126832	51.818	ug/l	97
28) Bromochloromethane	7.36	49	57365	41.817	ug/l	87
29) Tetrahydrofuran	7.37	42	89961	207.664	ug/l	94
30) Chloroform	7.53	83	196135	52.386	ug/l	99
31) Cyclohexane	7.80	56	153668	43.703	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	192148	54.314	ug/l	99
36) 1,1-Dichloropropene	7.94	75	145106	49.585	ug/l	100
37) Ethyl Acetate	7.10	43	64228	43.687	ug/l	99
38) Carbon Tetrachloride	7.93	117	182551	54.246	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	187272	49.057	ug/l	99
40) Benzene	8.18	78	429401	50.767	ug/l	98
41) Methacrylonitrile	7.33	41	27398m	30.248	ug/l	
42) 1,2-Dichloroethane	8.26	62	127282	51.803	ug/l	99
43) Isopropyl Acetate	8.29	43	123159	44.789	ug/l	97
44) Trichloroethene	8.96	130	137061	51.823	ug/l	92
45) 1,2-Dichloropropane	9.24	63	93065	47.740	ug/l	97
46) Dibromomethane	9.32	93	57067	50.036	ug/l	97
47) Bromodichloromethane	9.51	83	149179	52.304	ug/l	99
48) Methyl methacrylate	9.31	41	57015	45.420	ug/l	97
49) 1,4-Dioxane	9.31	88	14998	1031.856	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	318897	223.279	ug/l	99
52) Toluene	10.25	92	281754	51.749	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	155384	51.876	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	173737	50.677	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	83446	49.484	ug/l	99
56) Ethyl methacrylate	10.52	69	110722	48.053	ug/l	97
57) 1,3-Dichloropropane	10.80	76	138414	48.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	248235	222.781	ug/l	97
59) 2-Hexanone	10.84	43	214879	215.842	ug/l	99
60) Dibromochloromethane	10.99	129	115357	52.206	ug/l	100
61) 1,2-Dibromoethane	11.10	107	80701	48.261	ug/l	98
64) Tetrachloroethene	10.73	164	151519	52.317	ug/l	98
65) Chlorobenzene	11.52	112	316575	51.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	122547	53.611	ug/l	98
67) Ethyl Benzene	11.60	91	552962	50.929	ug/l	100
68) m/p-Xylenes	11.71	106	427701	102.328	ug/l	99
69) o-Xylene	12.03	106	200499	51.801	ug/l	100
70) Styrene	12.05	104	349901	51.918	ug/l	100
71) Bromoform	12.22	173	72515	50.358	ug/l	99
73) Isopropylbenzene	12.33	105	556709	51.118	ug/l	99
74) N-amyl acetate	12.15	43	111567	43.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	72529	43.362	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	66374m	48.073	ug/l	
77) Bromobenzene	12.61	156	139865	51.206	ug/l	96
78) n-propylbenzene	12.67	91	634638	50.189	ug/l	99
79) 2-Chlorotoluene	12.76	91	349749	50.547	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	477537	51.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	32971	44.190	ug/l	96
82) 4-Chlorotoluene	12.86	91	371016	51.880	ug/l	99
83) tert-Butylbenzene	13.08	119	422971	52.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	474725	53.531	ug/l	99
85) sec-Butylbenzene	13.26	105	559045	52.014	ug/l	99
86) p-Isopropyltoluene	13.38	119	540522	52.735	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	264090	52.275	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	263757	52.506	ug/l	99
89) n-Butylbenzene	13.70	91	471369	49.851	ug/l	99
90) Hexachloroethane	13.97	117	95407	51.498	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	236232	54.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15099	45.469	ug/l	98

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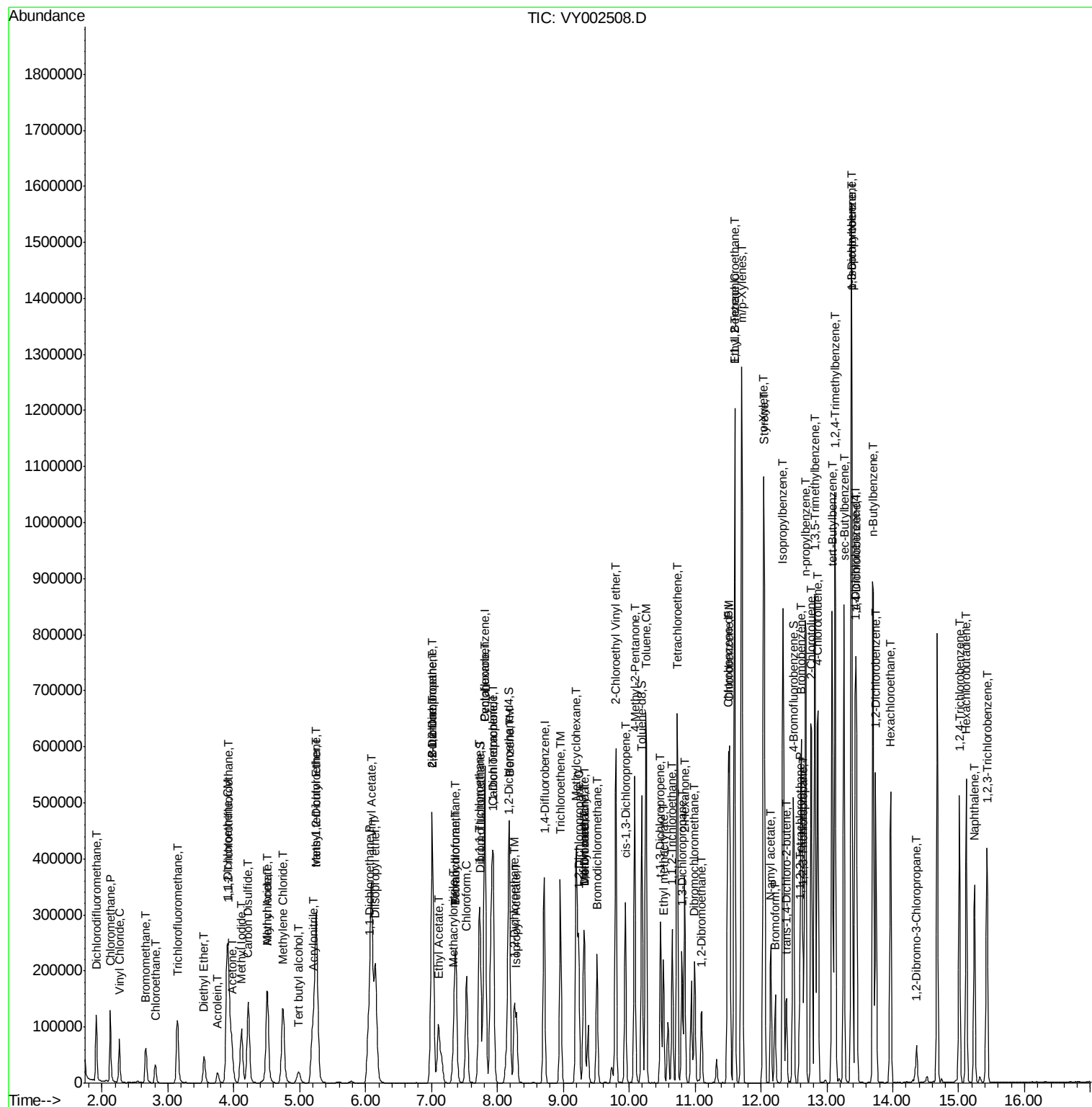
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	171466	49.937	ug/l	100
94) Hexachlorobutadiene	15.12	225	109339	52.763	ug/l	99
95) Naphthalene	15.24	128	299865	47.087	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	144972	49.776	ug/l	100

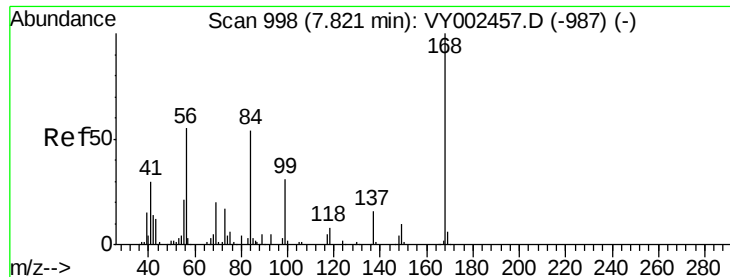
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

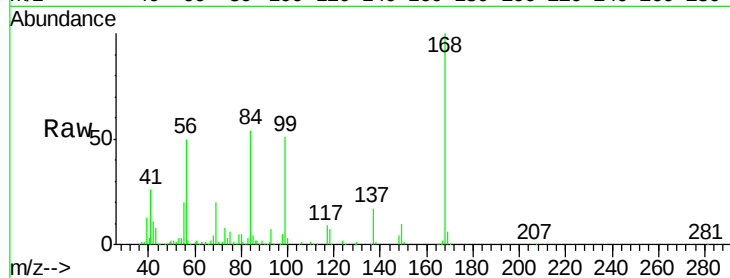
VSTDCCC050EC

Tot Ion:168 Resp: 233495

Ion Ratio Lower Upper

168 100

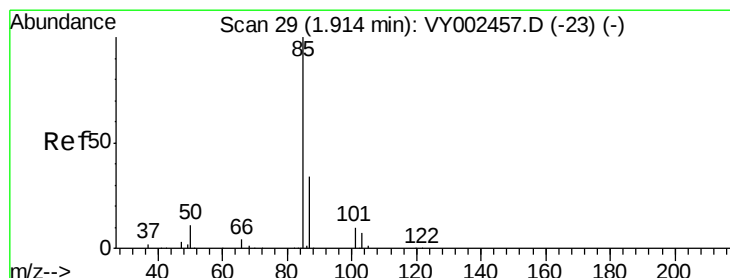
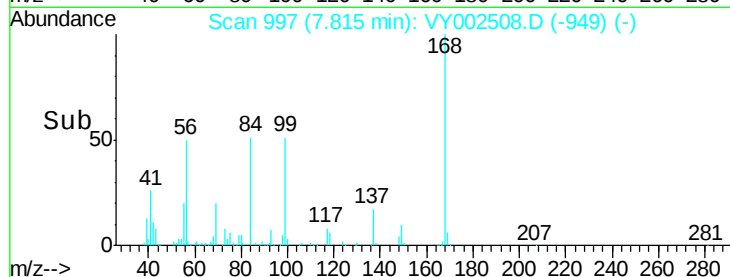
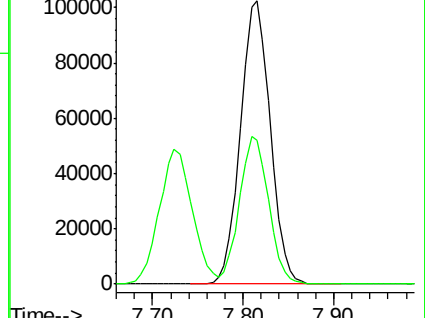
99 51.0 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.82



#2

Dichlorodifluoromethane

Concen: 55.719 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002508.D

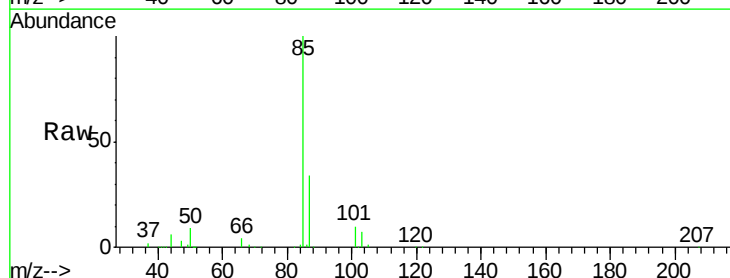
Acq: 29 Apr 2020 15:35

Tgt Ion: 85 Resp: 95279

Ion Ratio Lower Upper

85 100

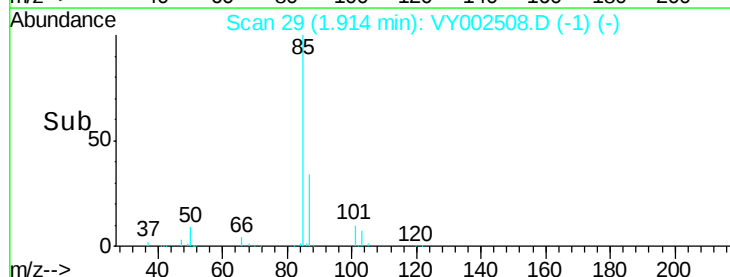
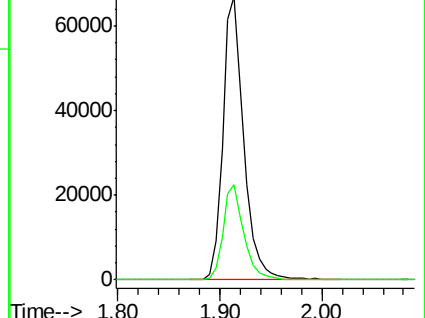
87 33.8 17.1 51.3

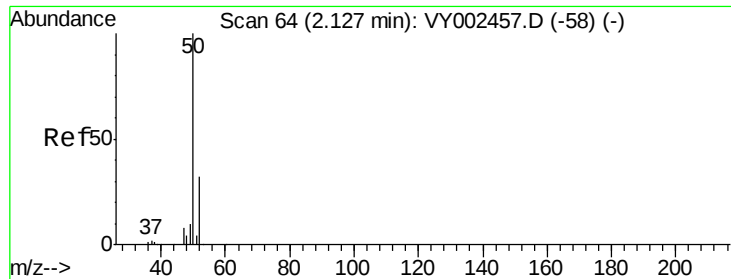


Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)

1.91





#3

Chloromethane

Concen: 52.720 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

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ClientSampleId :

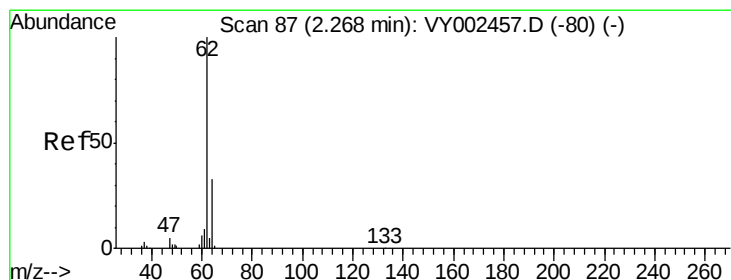
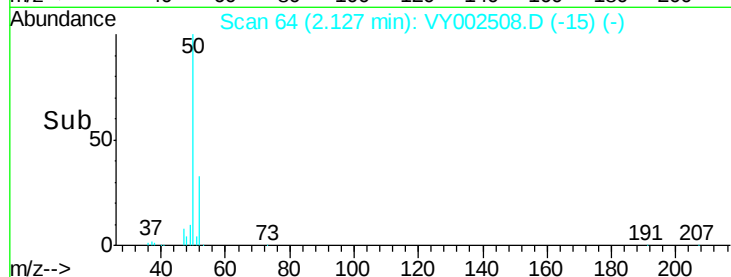
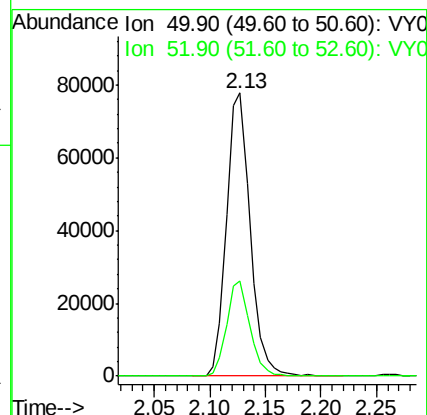
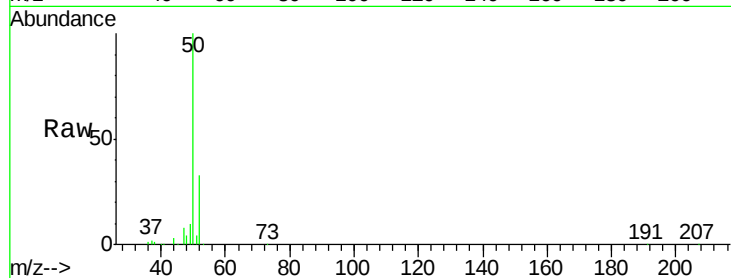
VSTDCCC050EC

Tot Ion: 50 Resp: 114703

Ion Ratio Lower Upper

50 100

52 33.4 25.2 37.8



#4

Vinyl Chloride

Concen: 45.659 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002508.D

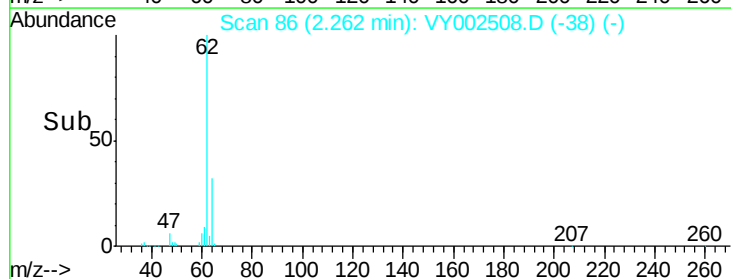
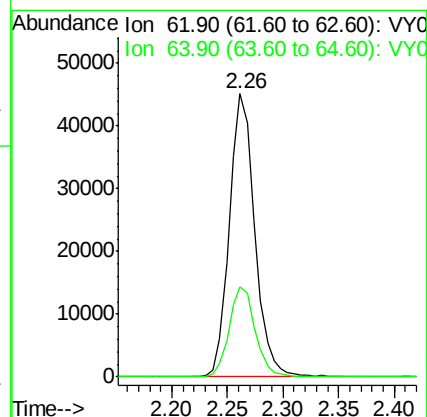
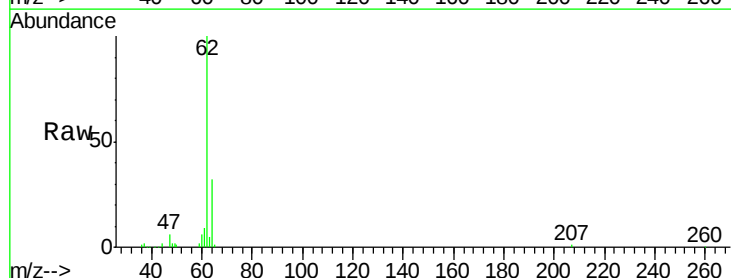
Acq: 29 Apr 2020 15:35

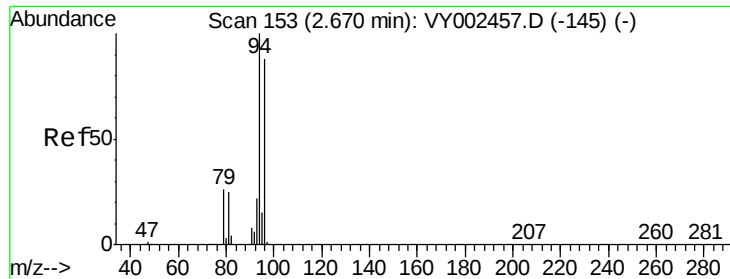
Tgt Ion: 62 Resp: 71365

Ion Ratio Lower Upper

62 100

64 31.9 26.6 39.8





#5

Bromomethane

Concen: 47.298 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

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ClientSampleId :

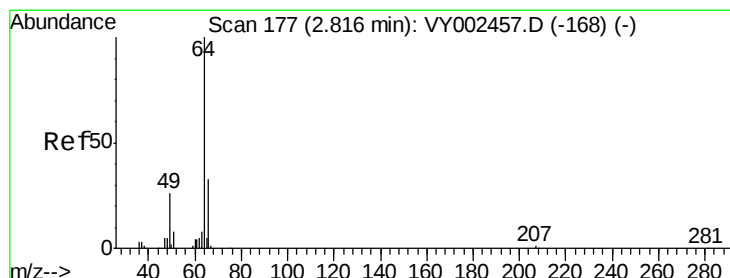
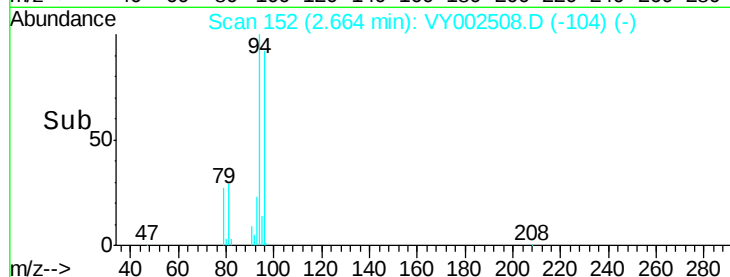
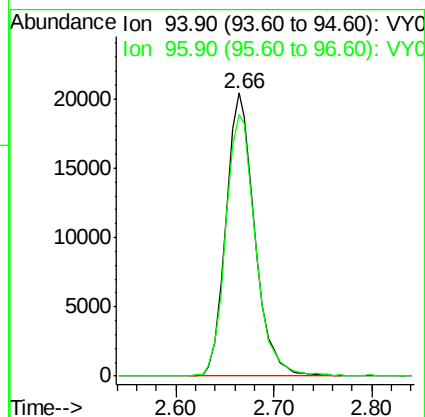
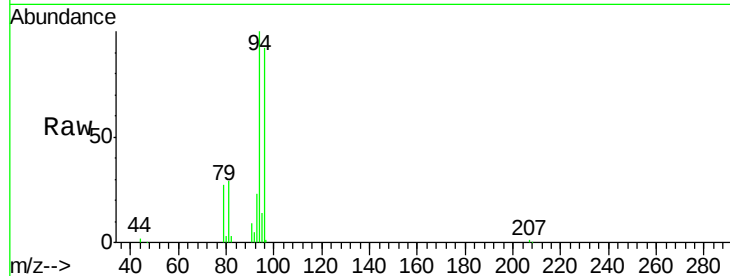
VSTDCCC050EC

Tot Ion: 94 Resp: 41491

Ion Ratio Lower Upper

94 100

96 92.4 70.2 105.4



#6

Chloroethane

Concen: 37.865 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY002508.D

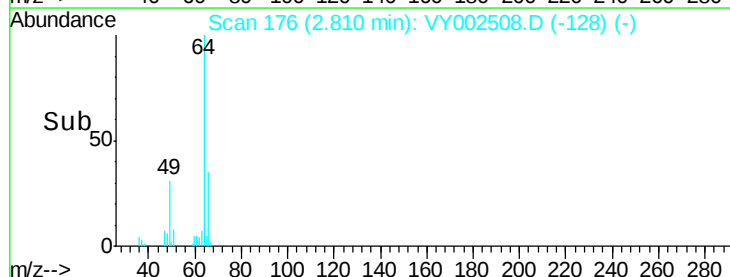
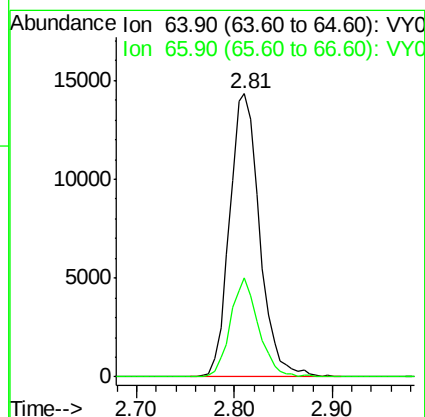
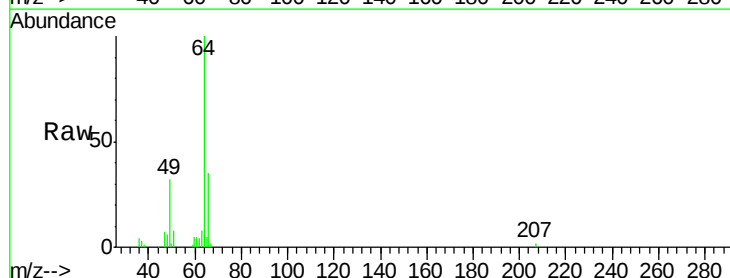
Acq: 29 Apr 2020 15:35

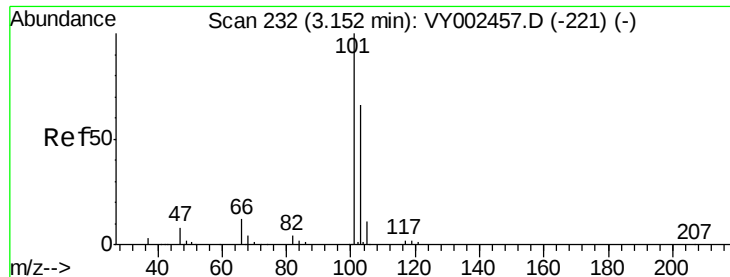
Tgt Ion: 64 Resp: 30499

Ion Ratio Lower Upper

64 100

66 34.8 26.6 40.0



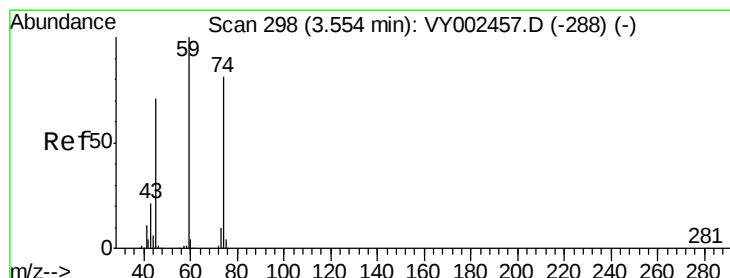
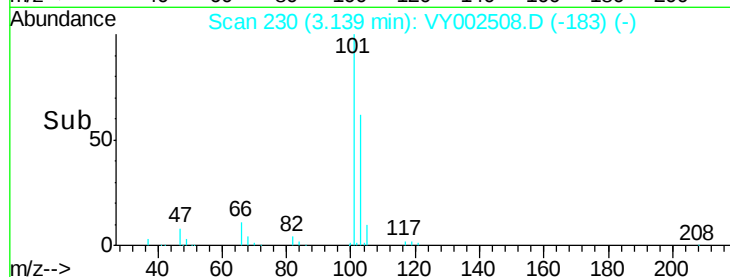
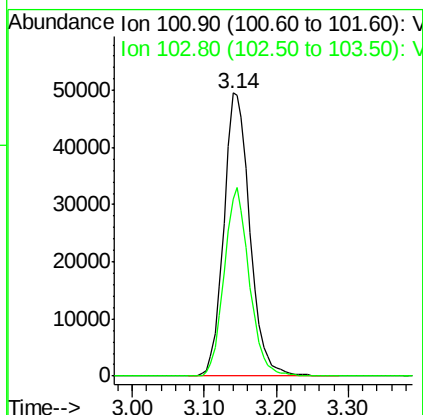
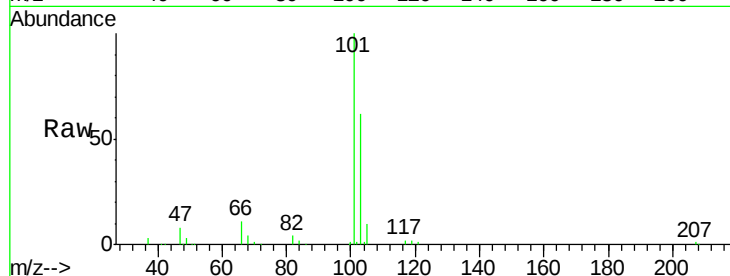


#7

Trichlorofluoromethane
 Concen: 44.017 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY002508.D
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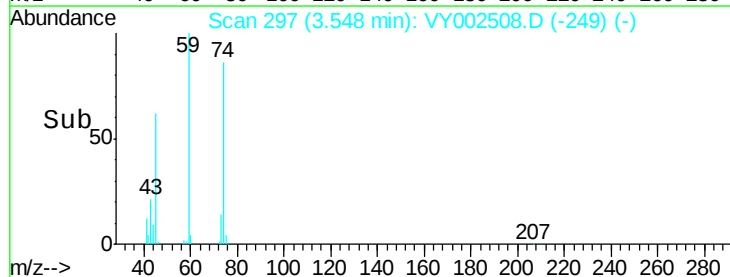
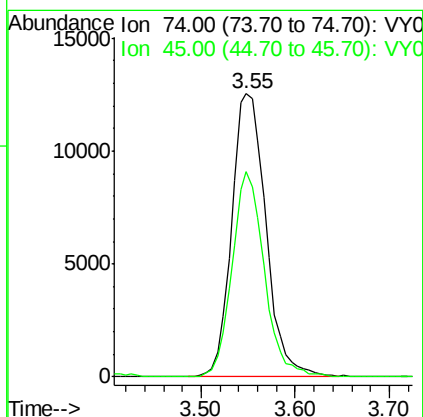
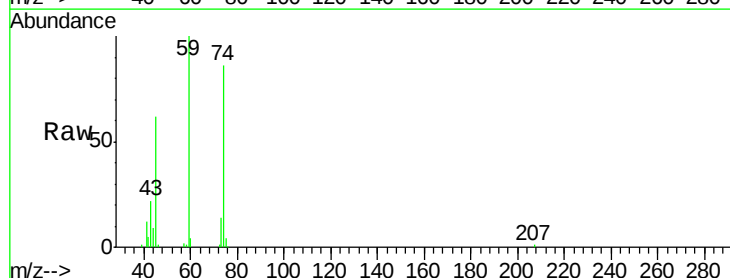
Tot Ion:101 Resp: 124750
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.5 78.7

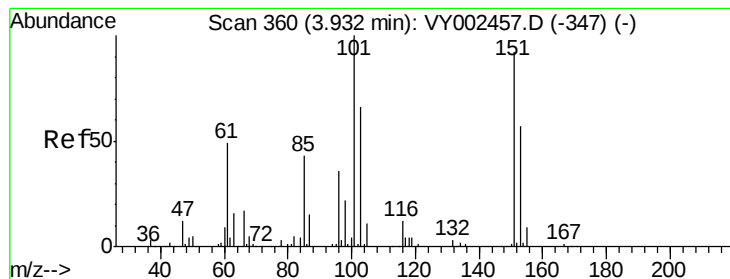


#8

Diethyl Ether
 Concen: 27.191 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion: 74 Resp: 31765
 Ion Ratio Lower Upper
 74 100
 45 68.1 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.918 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

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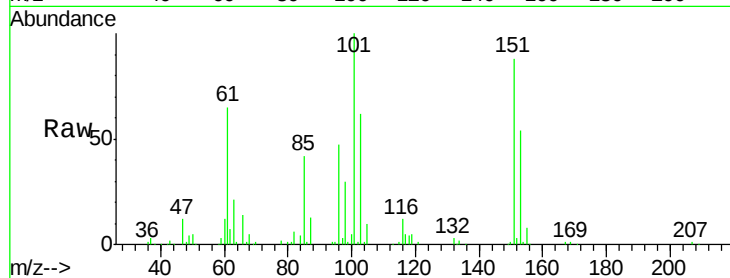
Tot Ion:101 Resp: 103238

Ion Ratio Lower Upper

101 100

85 42.5 34.1 51.1

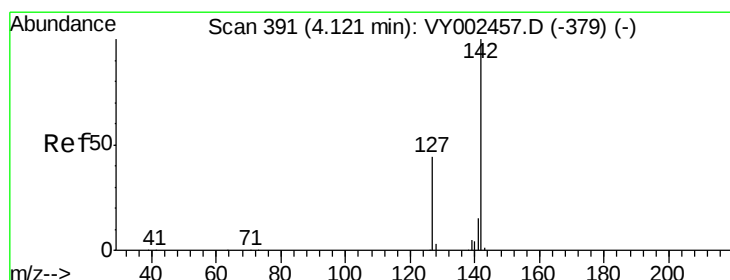
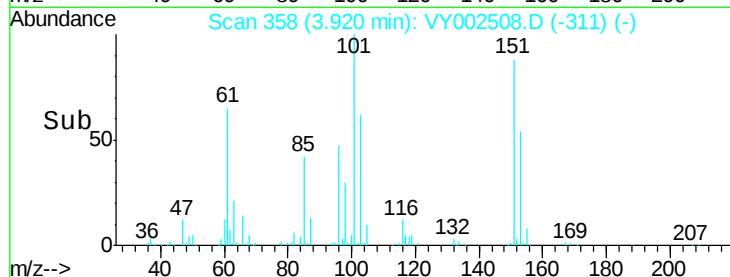
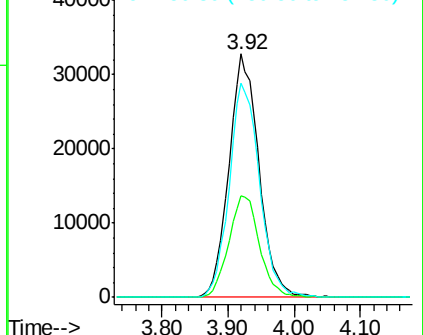
151 88.9 70.3 105.5



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: 53.069 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

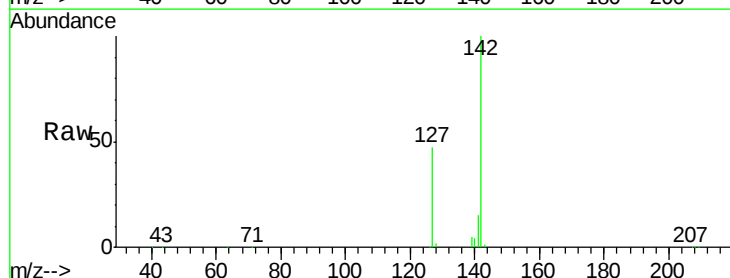
Tgt Ion:142 Resp: 159717

Ion Ratio Lower Upper

142 100

127 46.4 35.8 53.8

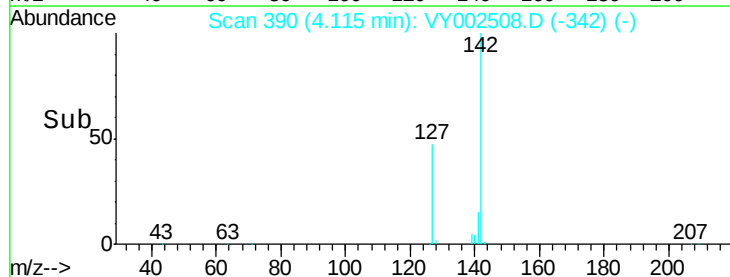
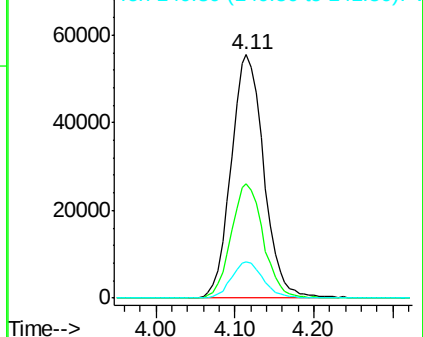
141 14.6 11.6 17.4

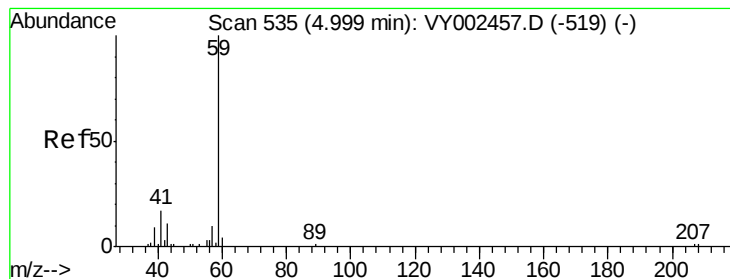


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



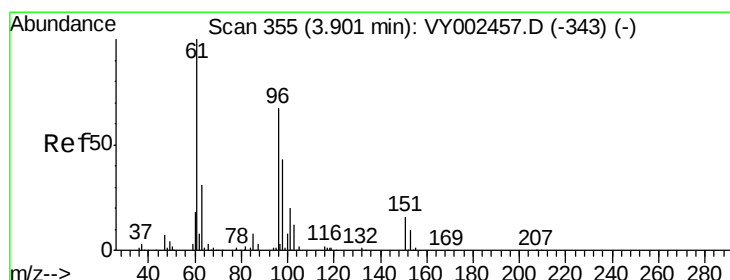
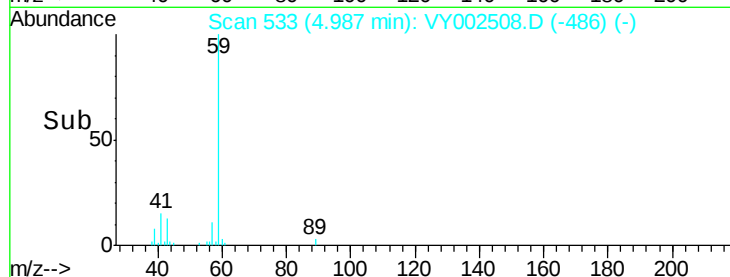
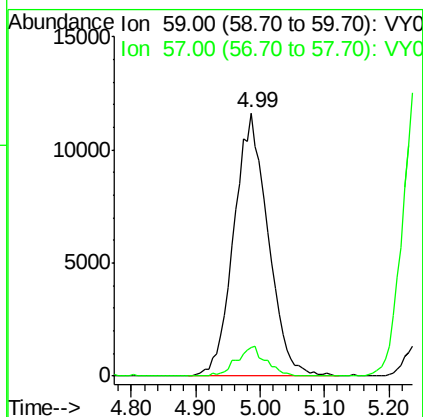
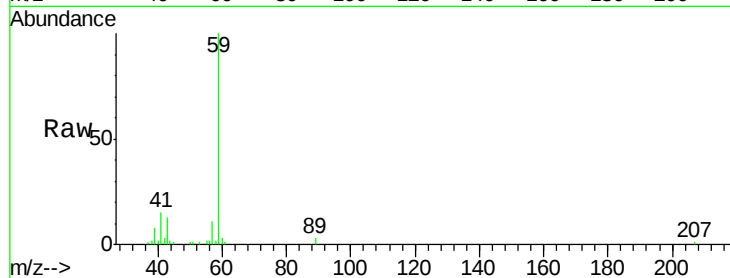


#11

Tert butyl alcohol
 Concen: 222.063 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

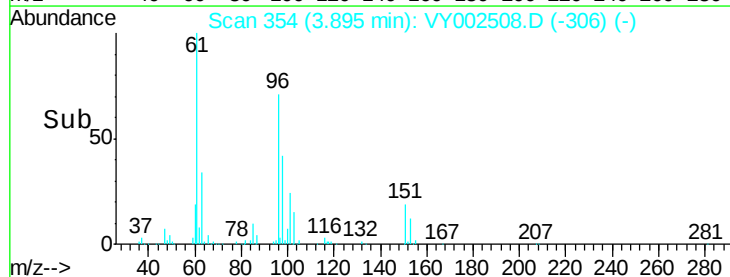
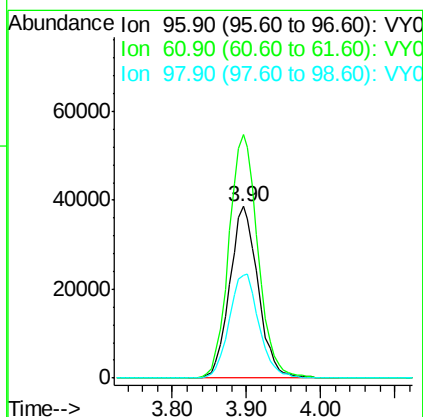
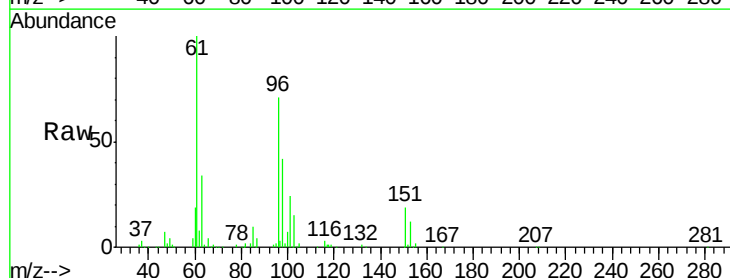
Tot Ion: 59 Resp: 42654
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.4 12.6

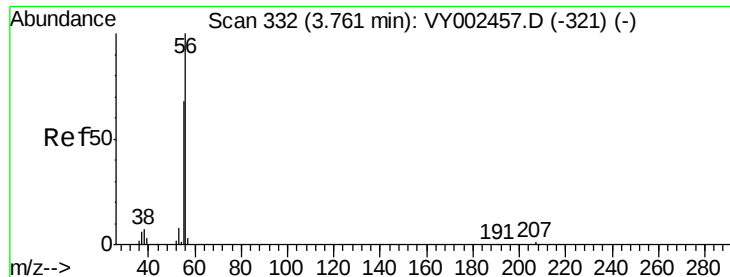


#12

1,1-Dichloroethene
 Concen: 51.708 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion: 96 Resp: 103355
 Ion Ratio Lower Upper
 96 100
 61 141.8 119.0 178.6
 98 60.2 51.4 77.2





#13

Acrolein

Concen: 144.796 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

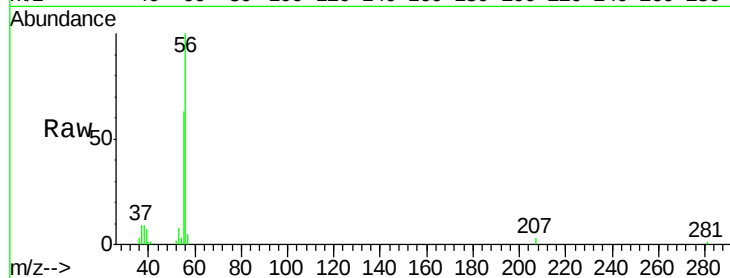
VSTDCCC050EC

Tot Ion: 56 Resp: 22264

Ion Ratio Lower Upper

56 100

55 68.3 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.75

8000

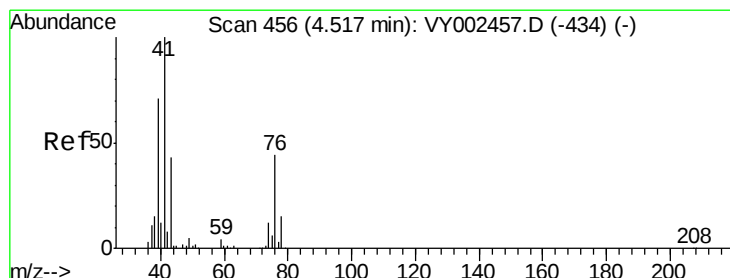
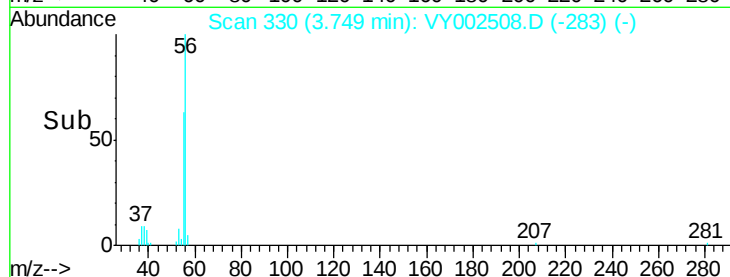
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 46.220 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

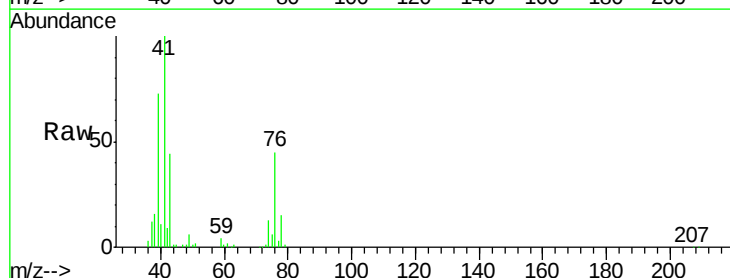
Tgt Ion: 41 Resp: 135769

Ion Ratio Lower Upper

41 100

39 73.2 55.1 82.7

76 45.6 34.3 51.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.51

60000

50000

40000

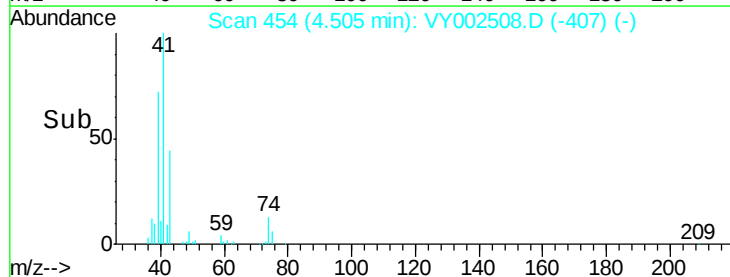
30000

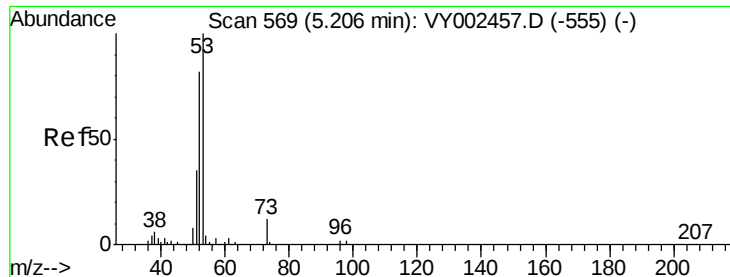
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 227.036 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

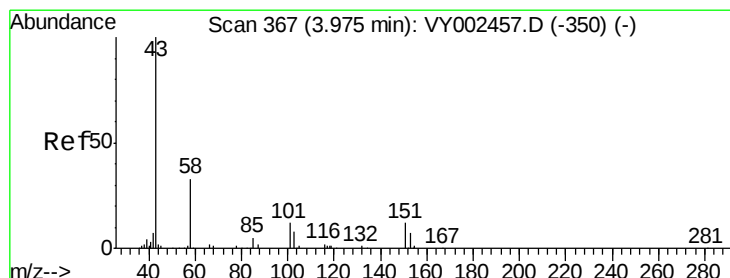
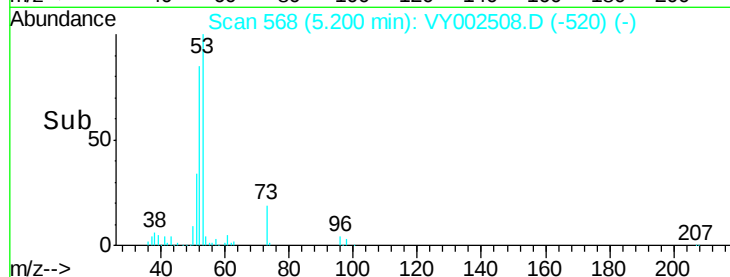
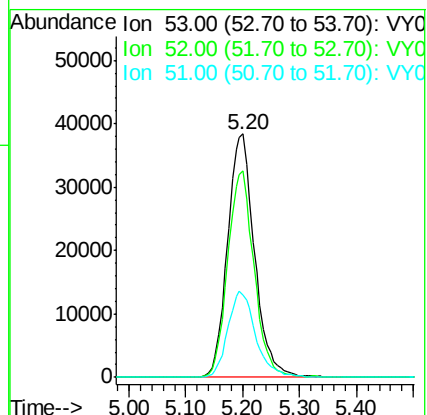
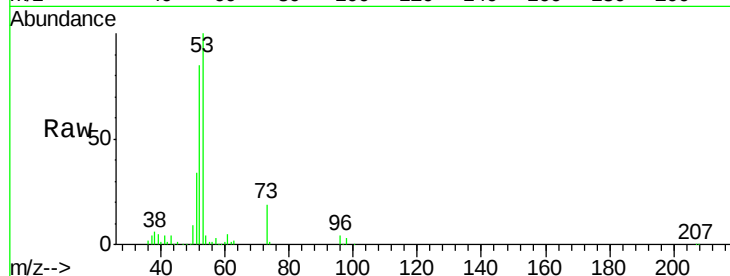
Tot Ion: 53 Resp: 126902

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.2

51 36.7 28.3 42.5



#16

Acetone

Concen: 230.779 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002508.D

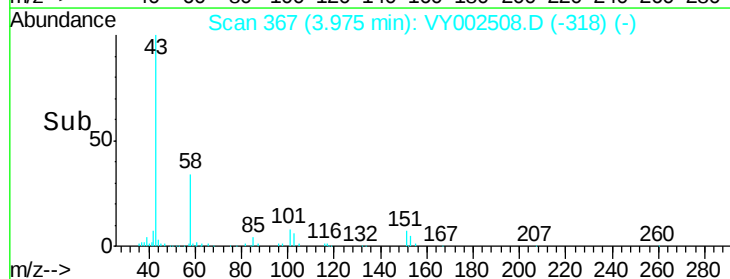
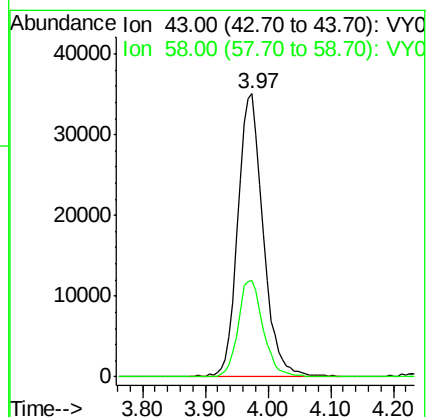
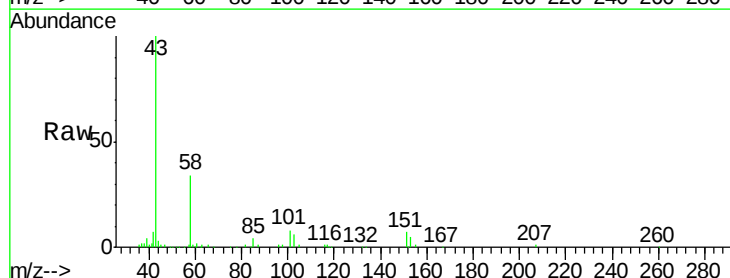
Acq: 29 Apr 2020 15:35

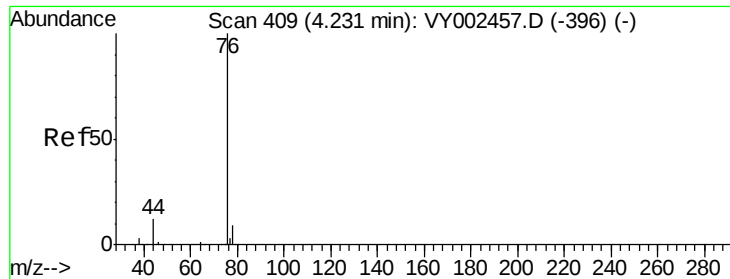
Tgt Ion: 43 Resp: 98427

Ion Ratio Lower Upper

43 100

58 33.9 26.4 39.6

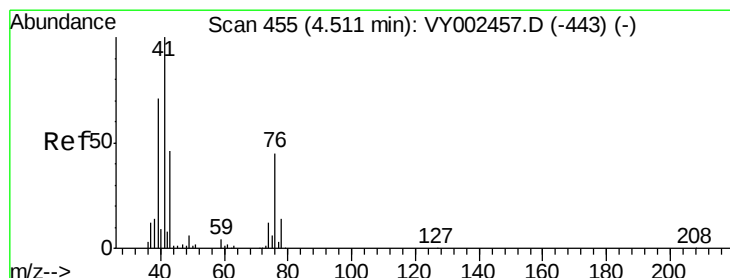
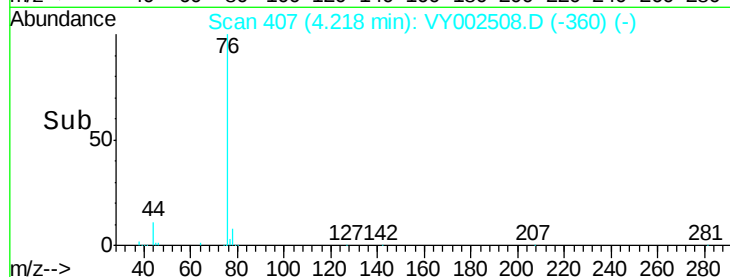
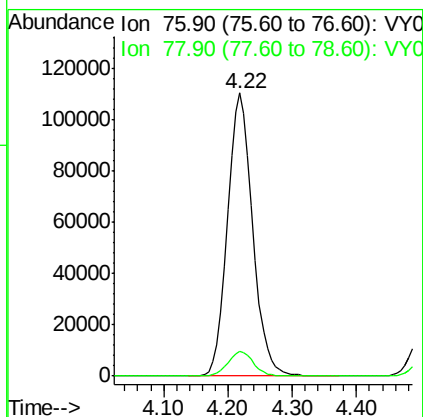
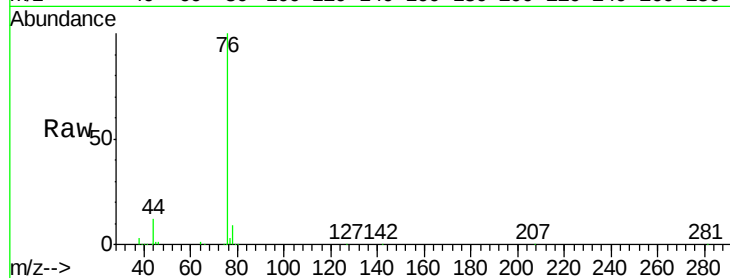




#17
Carbon Disulfide
Concen: 48.529 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

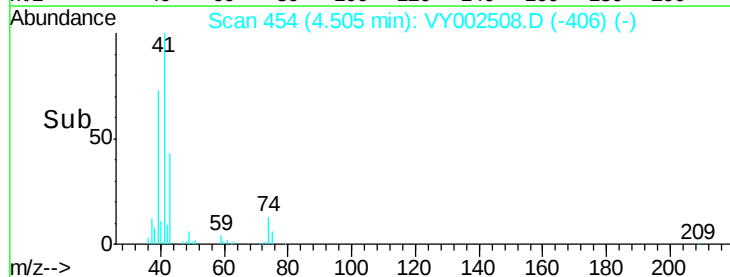
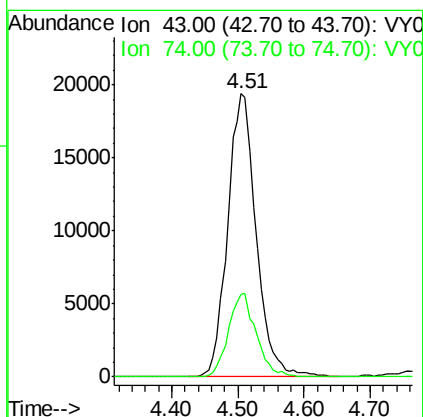
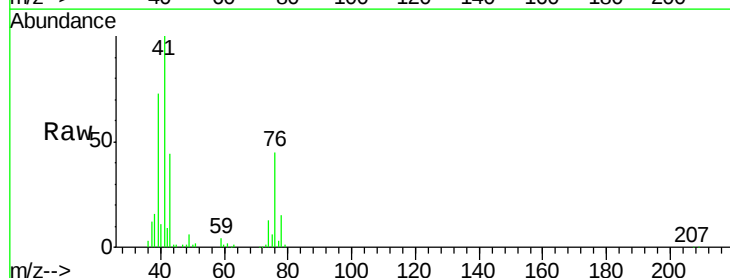
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

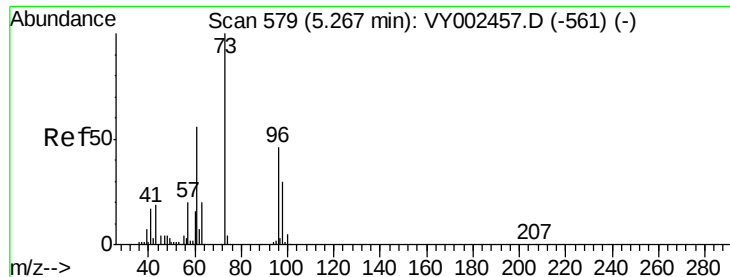
Tot Ion: 76 Resp: 302467
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 42.095 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion: 43 Resp: 57772
Ion Ratio Lower Upper
43 100
74 28.8 22.0 33.0

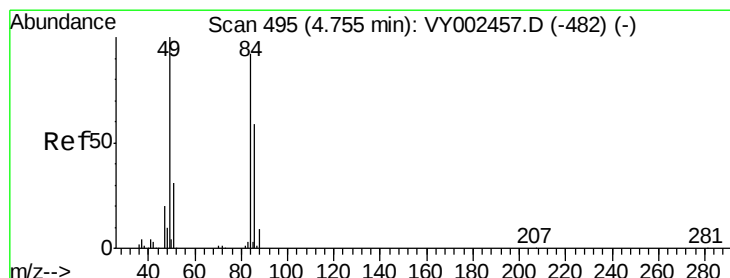
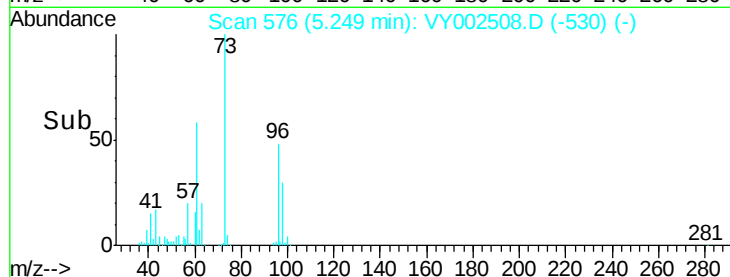
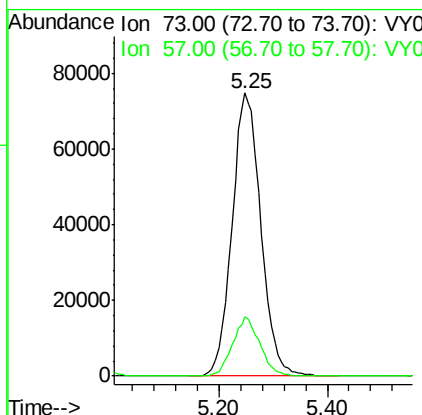
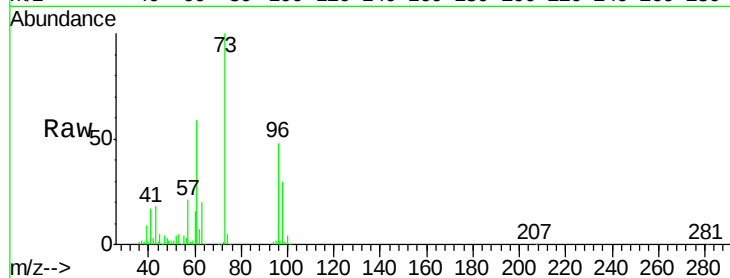




#19
Methvl tert-butvl Ether
Concen: 50.973 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

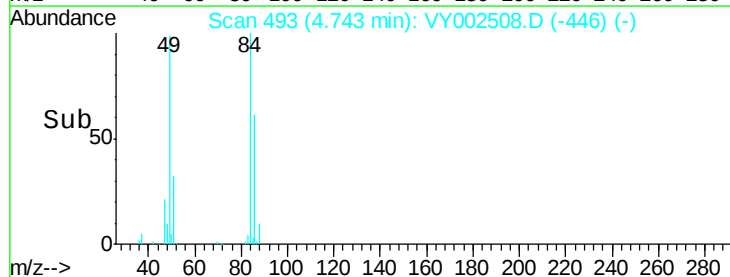
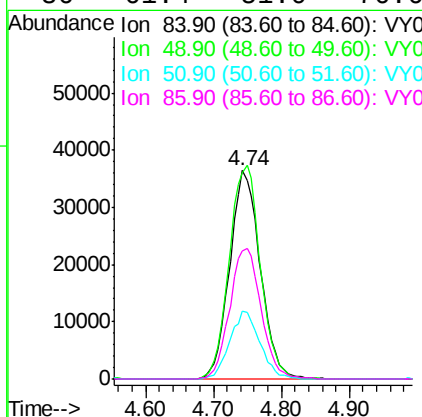
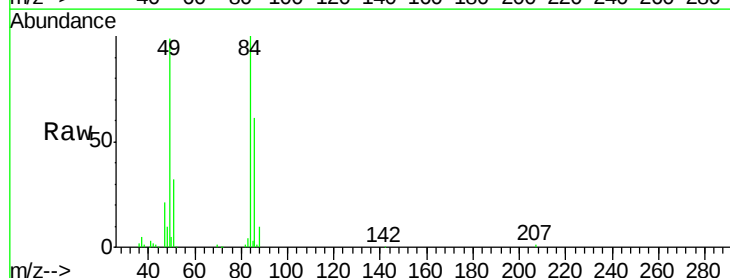
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

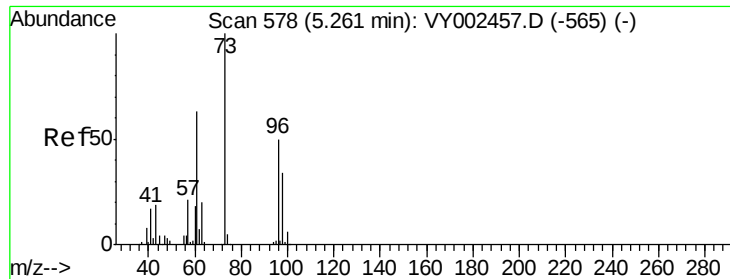
Tot Ion: 73 Resp: 274932
Ion Ratio Lower Upper
73 100
57 20.9 16.0 24.0



#20
Methylene Chloride
Concen: 46.676 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion: 84 Resp: 113657
Ion Ratio Lower Upper
84 100
49 99.2 86.9 130.3
51 32.3 27.3 40.9
86 61.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.044 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

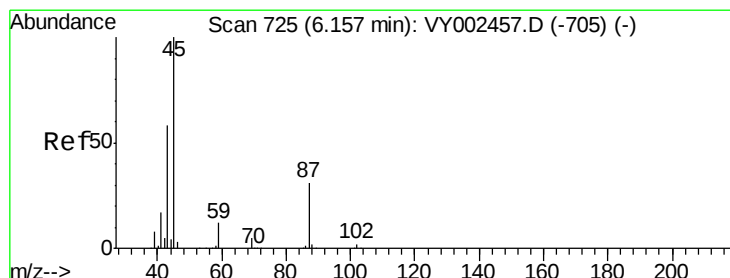
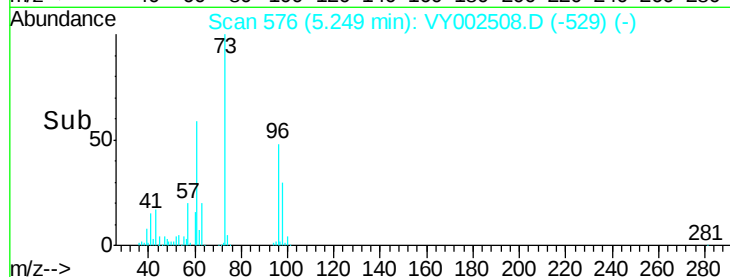
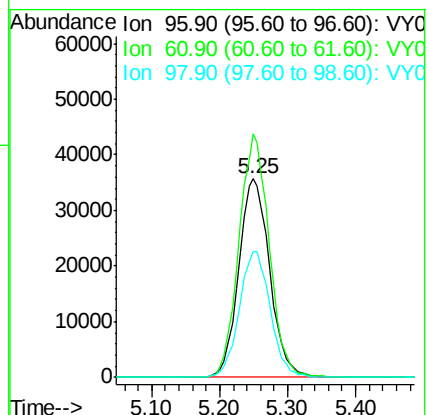
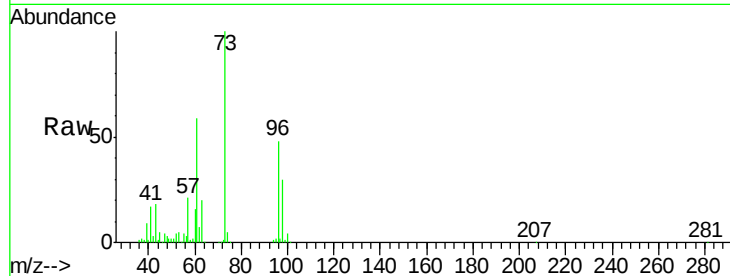
Tot Ion: 96 Resp: 112618

Ion Ratio Lower Upper

96 100

61 122.8 101.4 152.0

98 63.6 53.6 80.4



#22

Diisopropyl ether

Concen: 46.239 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Tgt Ion: 45 Resp: 268553

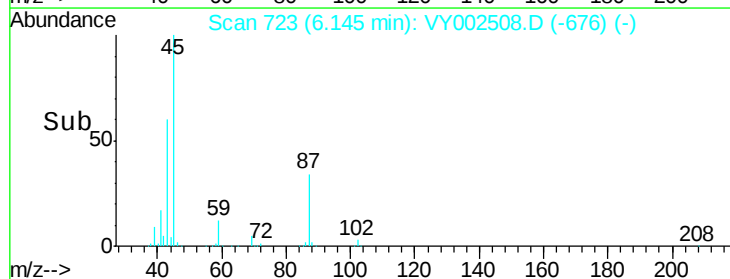
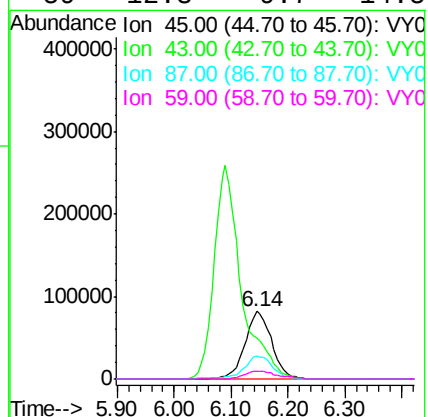
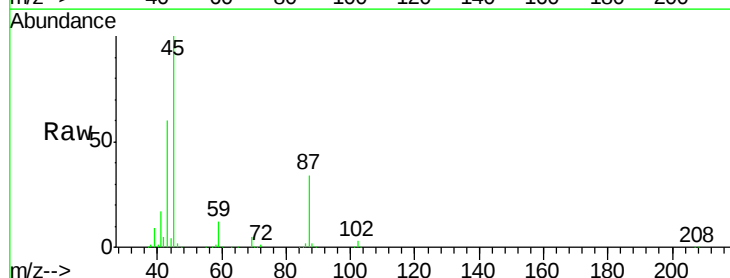
Ion Ratio Lower Upper

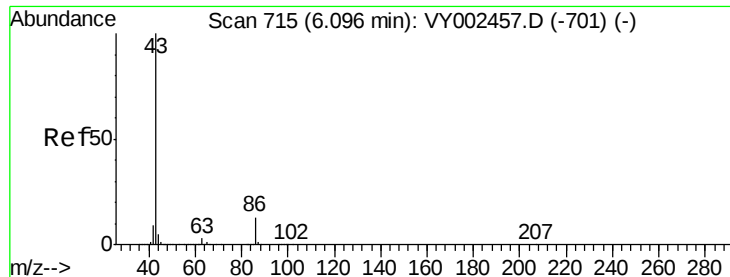
45 100

43 59.6 47.1 70.7

87 34.2 25.0 37.6

59 12.3 9.7 14.5





#23

Vinyl Acetate

Concen: 232.233 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

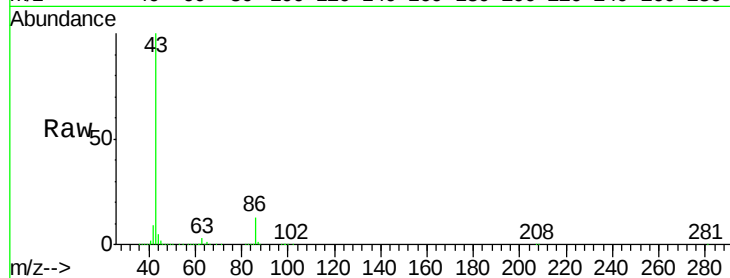
VSTDCCC050EC

Tot Ion: 43 Resp: 857072

Ion Ratio Lower Upper

43 100

86 12.6 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

250000

200000

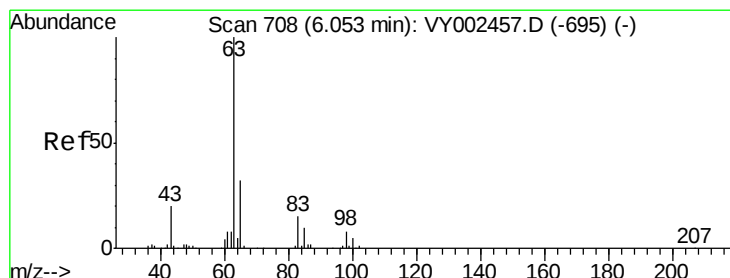
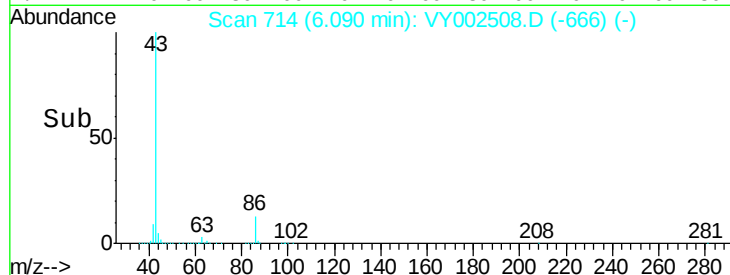
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.396 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

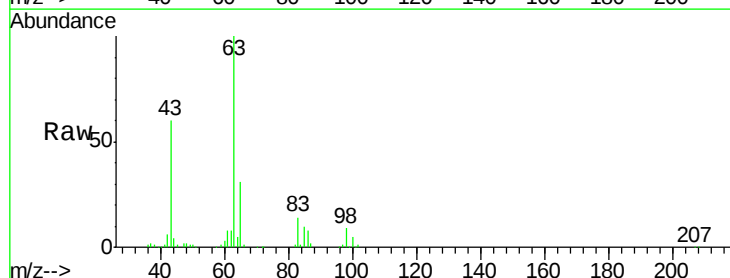
Tgt Ion: 63 Resp: 173694

Ion Ratio Lower Upper

63 100

98 8.8 4.1 12.3

100 5.0 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

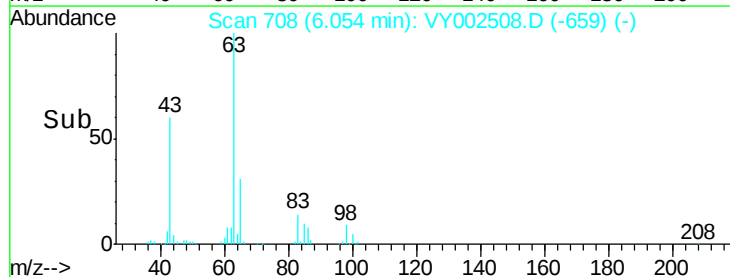
60000

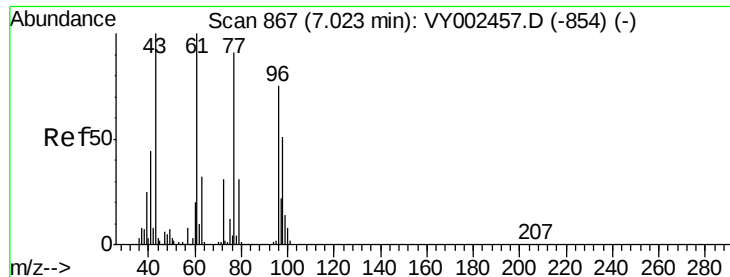
40000

20000

0

Time-->

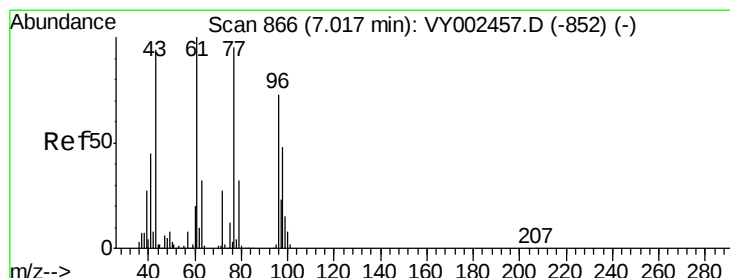
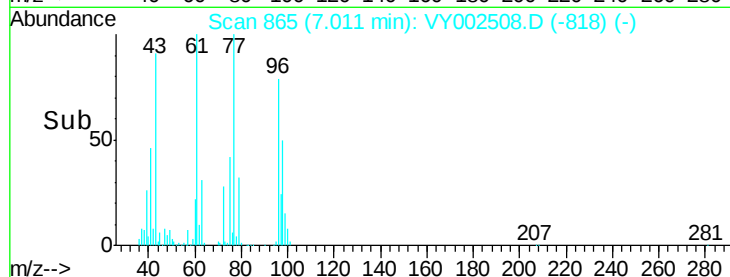
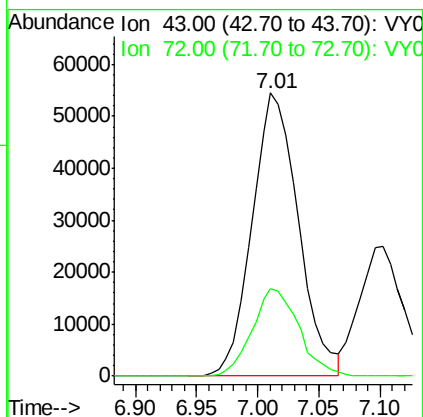
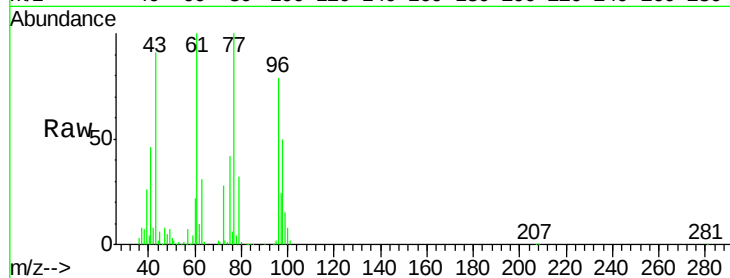




#25
 2-Butanone
 Concen: 219.862 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

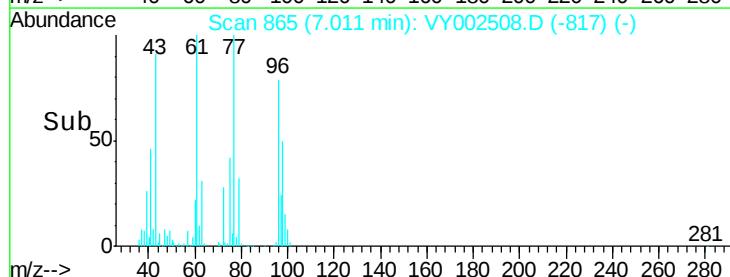
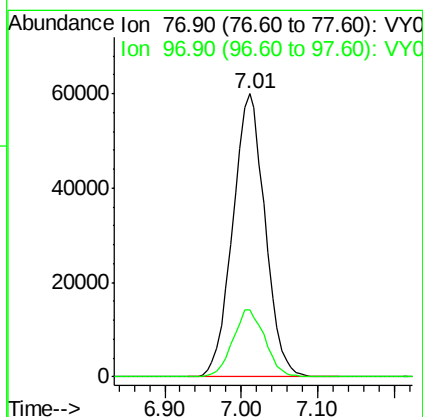
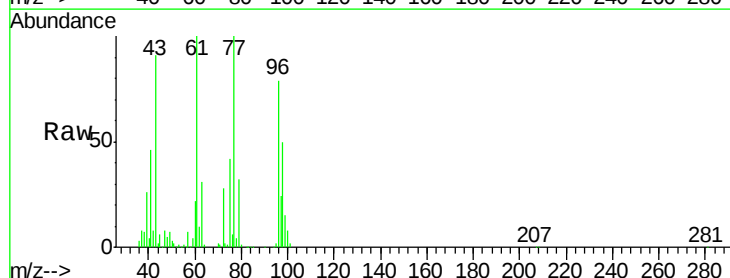
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

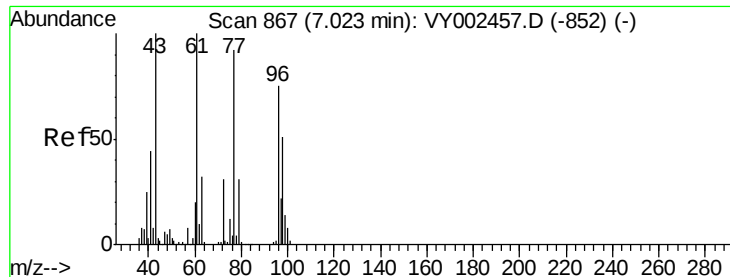
Tot Ion: 43 Resp: 143658
 Ion Ratio Lower Upper
 43 100
 72 31.1 24.8 37.2



#26
 2,2-Dichloropropane
 Concen: 52.202 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion: 77 Resp: 175549
 Ion Ratio Lower Upper
 77 100
 97 23.6 12.0 36.0



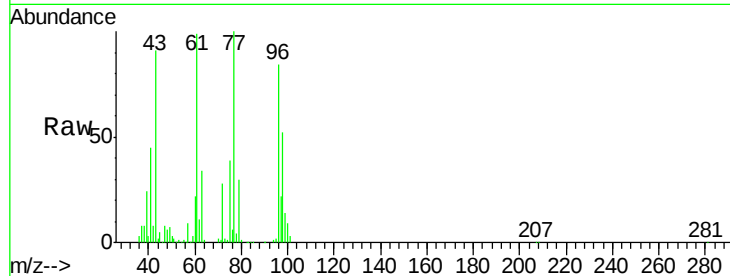


#27

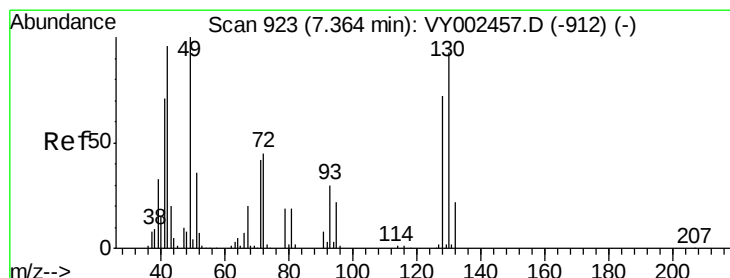
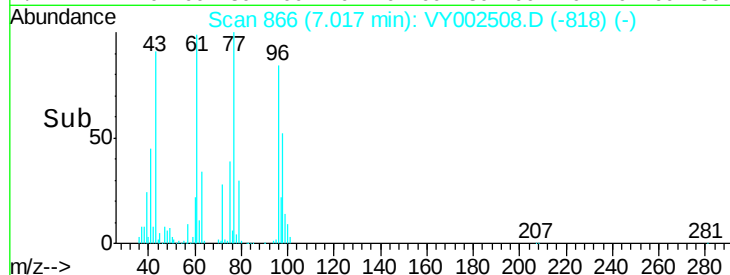
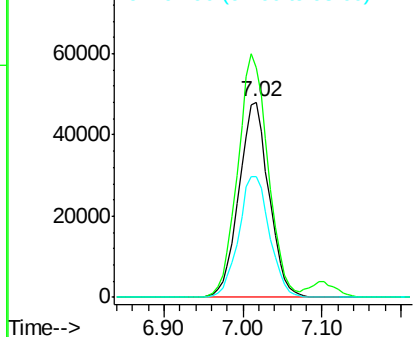
cis-1,2-Dichloroethene
 Concen: 51.818 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 126832
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 262.6
 98 64.1 0.0 131.0



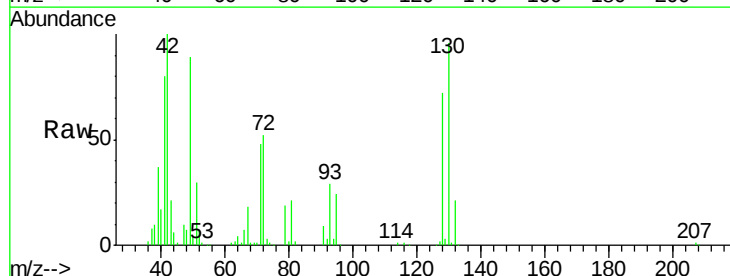
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



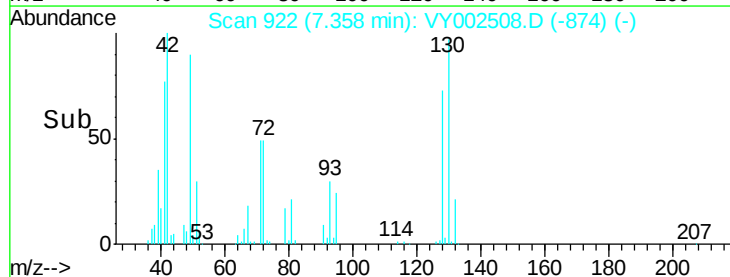
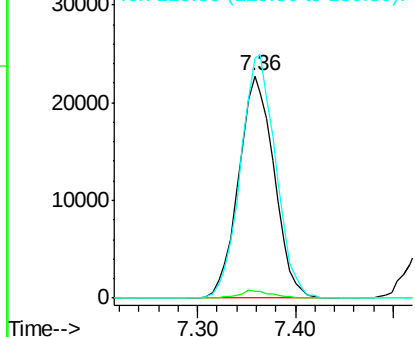
#28

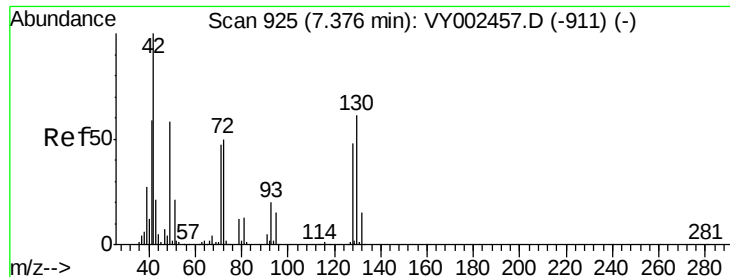
Bromochloromethane
 Concen: 41.817 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion: 49 Resp: 57365
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 5.6
 130 108.2 76.3 114.5



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 207.664 ug/l

RT: 7.37 min Scan# 924

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

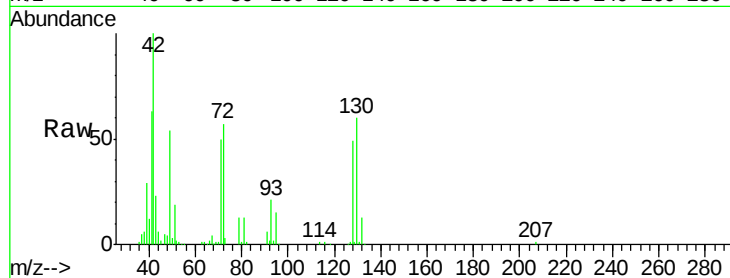
Tot Ion: 42 Resp: 89961

Ion Ratio Lower Upper

42 100

72 54.6 39.5 59.3

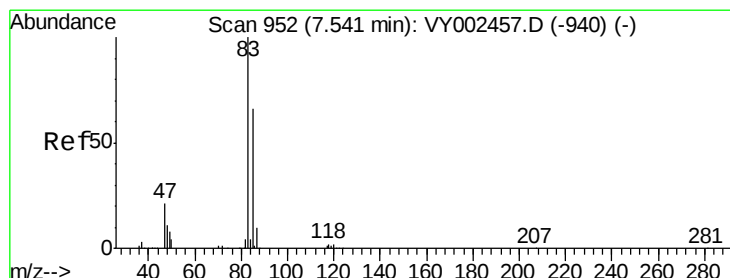
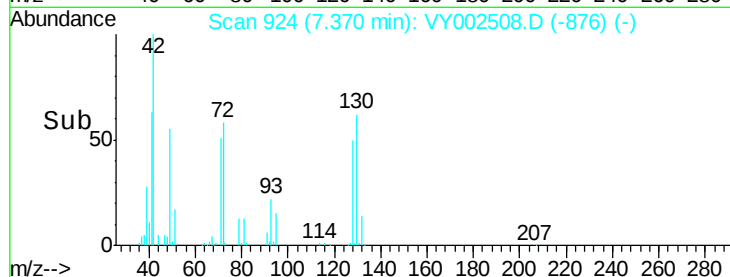
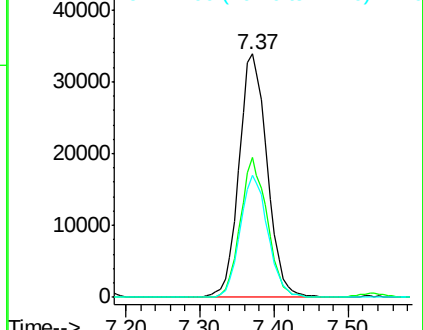
71 49.4 37.6 56.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 52.386 ug/l

RT: 7.53 min Scan# 951

Delta R.T. -0.01 min

Lab File: VY002508.D

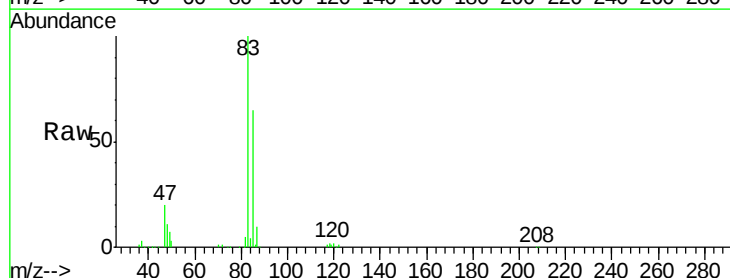
Acq: 29 Apr 2020 15:35

Tgt Ion: 83 Resp: 196135

Ion Ratio Lower Upper

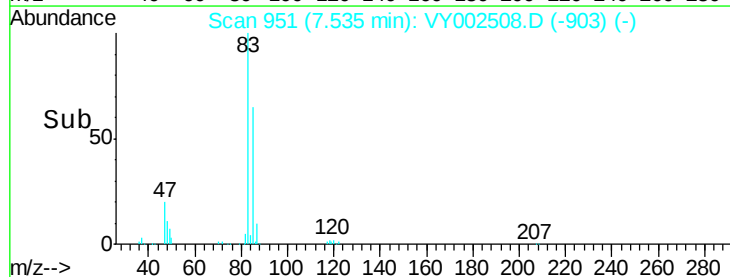
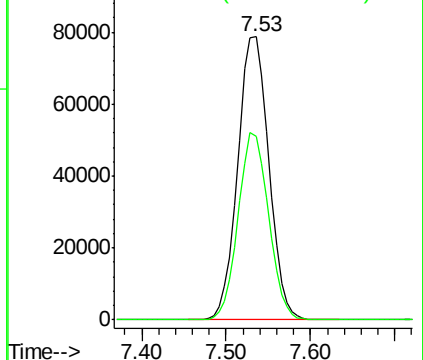
83 100

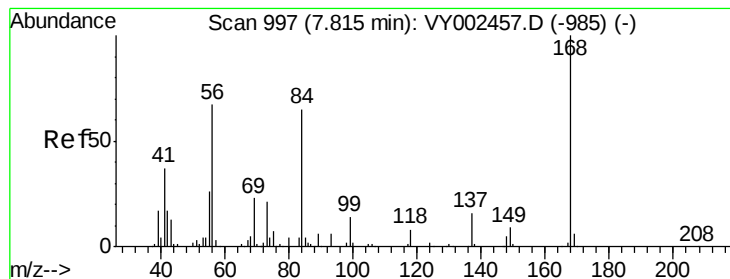
85 64.9 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 43.703 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

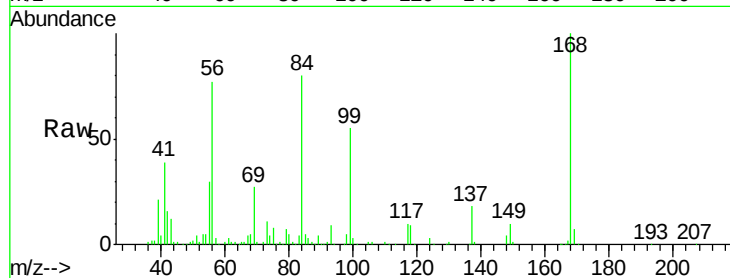
Tot Ion: 56 Resp: 153668

Ion Ratio Lower Upper

56 100

69 35.3 27.0 40.6

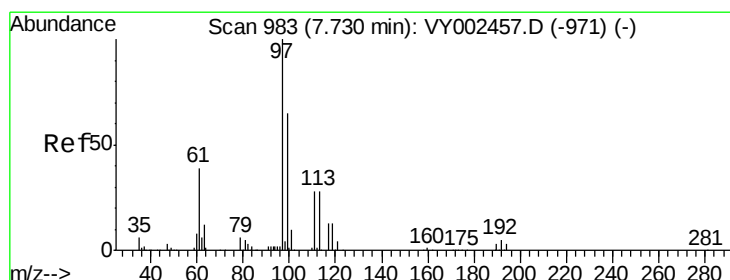
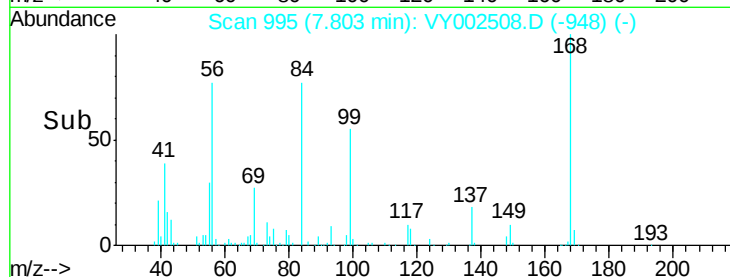
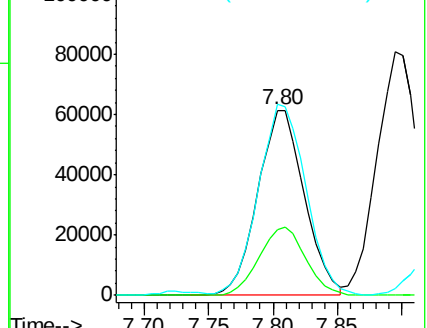
84 101.6 77.4 116.2



Abundance Ion 56.00 (55.70 to 56.70): VY002508.D (-948) (-)

Ion 69.00 (68.70 to 69.70): VY002508.D (-948) (-)

Ion 84.00 (83.70 to 84.70): VY002508.D (-948) (-)



#32

1,1,1-Trichloroethane

Concen: 54.314 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

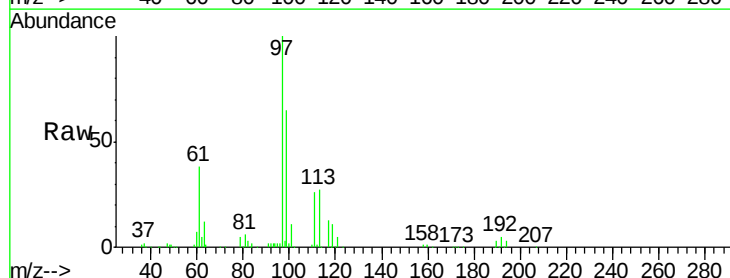
Tgt Ion: 97 Resp: 192148

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

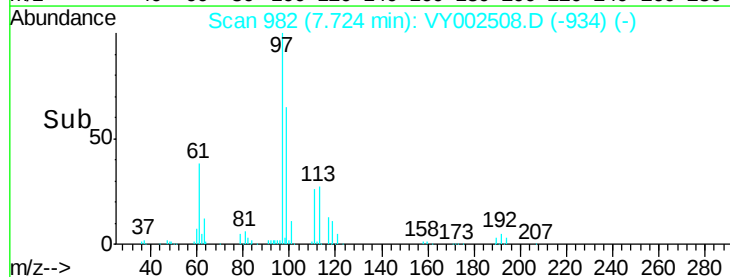
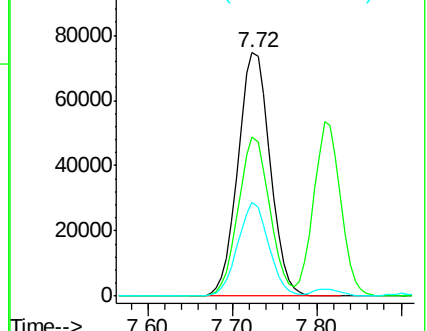
61 37.2 30.6 45.8

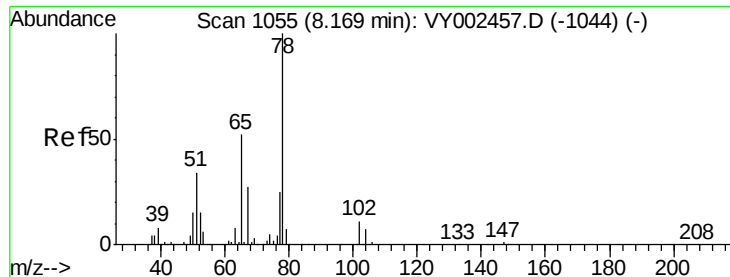


Abundance Ion 96.90 (96.60 to 97.60): VY002508.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY002508.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY002508.D (-934) (-)





#33

1,2-Dichloroethane-d4

Concen: 46.633 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

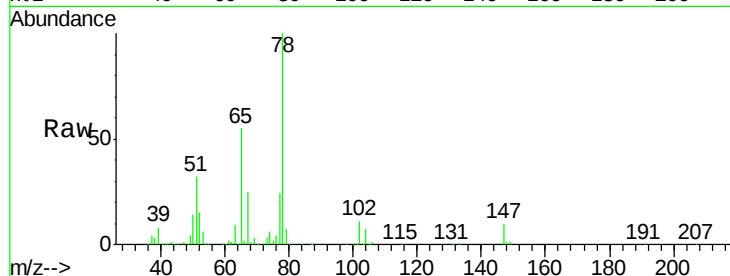
VSTDCCC050EC

Tot Ion: 65 Resp: 95169

Ion Ratio Lower Upper

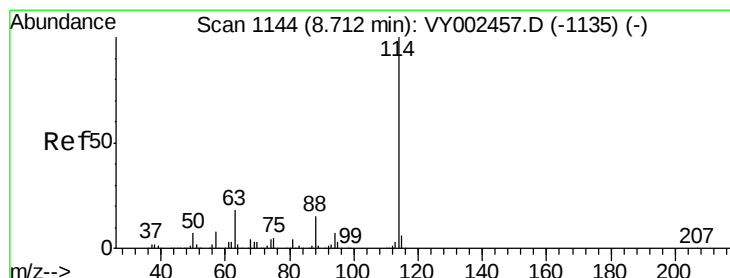
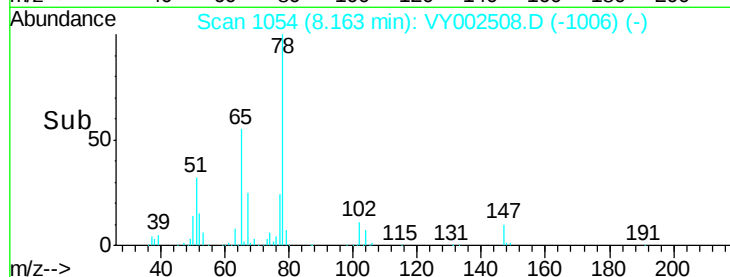
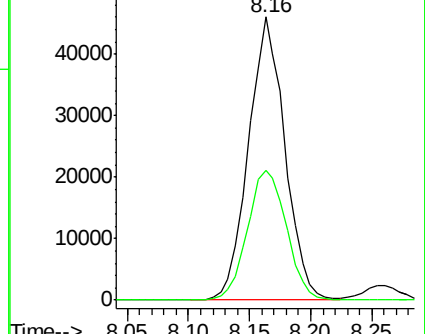
65 100

67 49.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

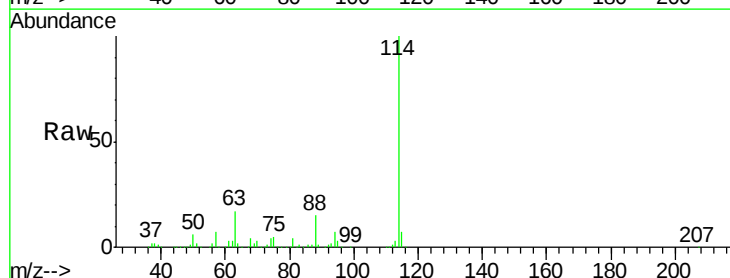
Tgt Ion: 114 Resp: 341290

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.6

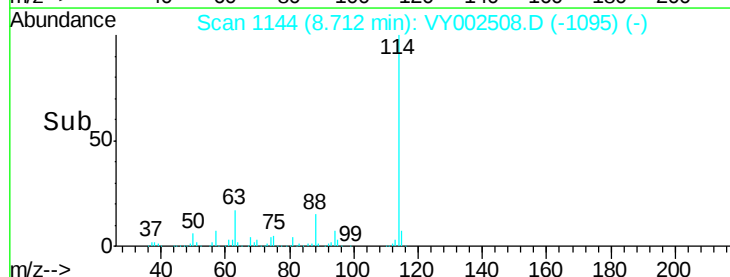
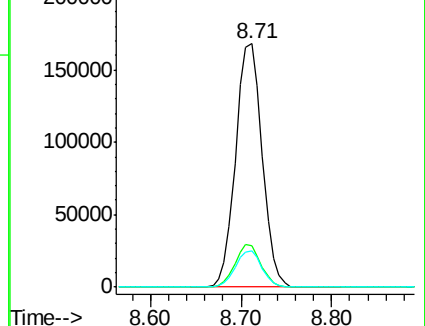
88 15.0 0.0 29.4

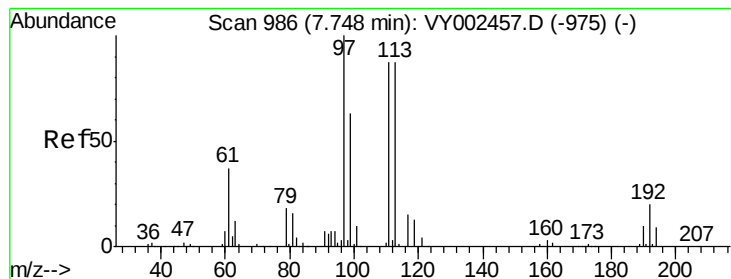


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 46.498 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

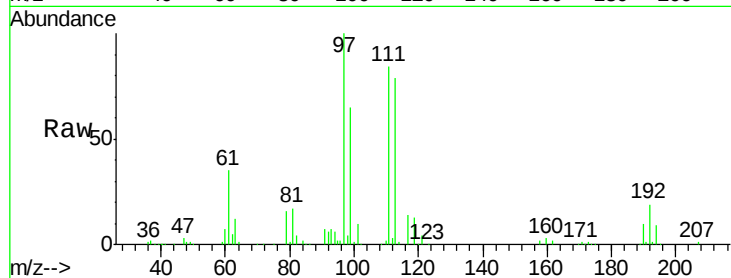
Tot Ion:113 Resp: 89512

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

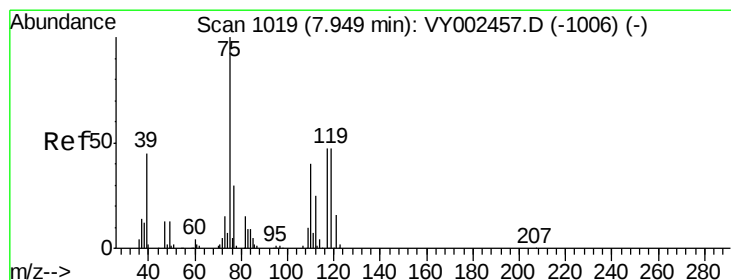
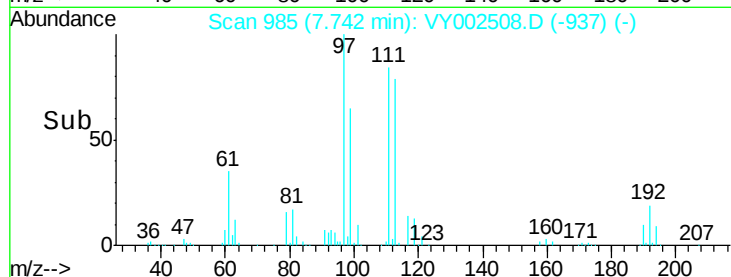
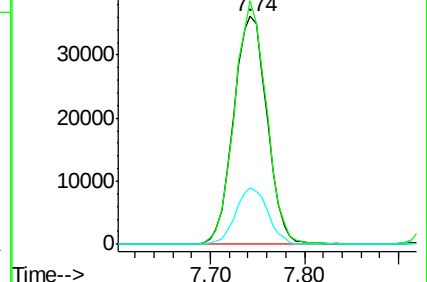
192 23.9 18.6 27.8



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: 49.585 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

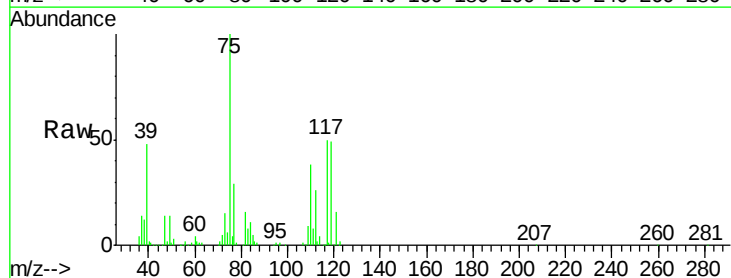
Tgt Ion: 75 Resp: 145106

Ion Ratio Lower Upper

75 100

110 39.1 19.4 58.4

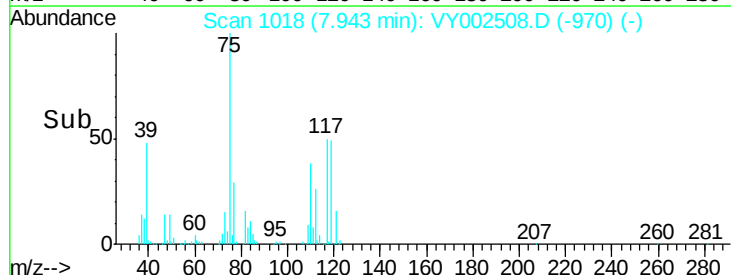
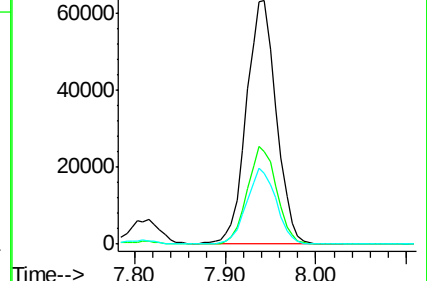
77 30.6 24.7 37.1

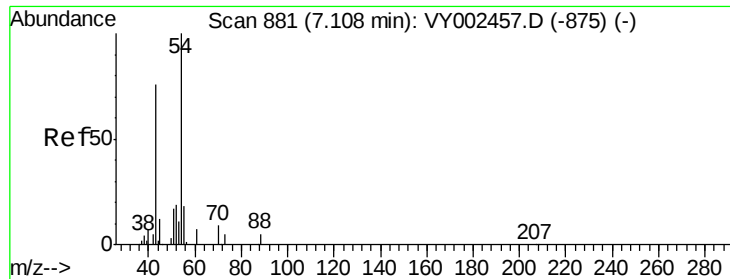


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

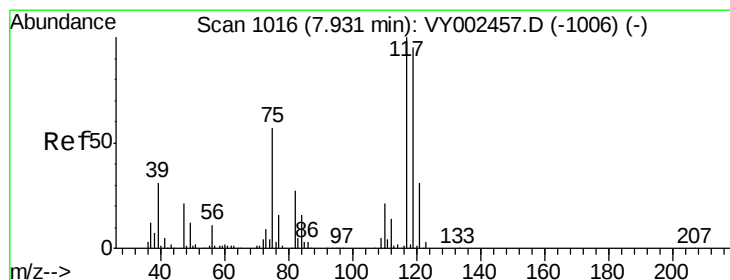
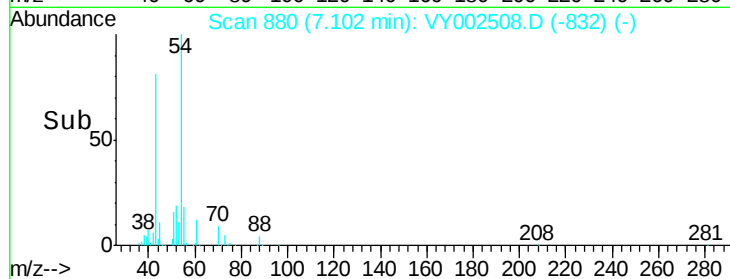
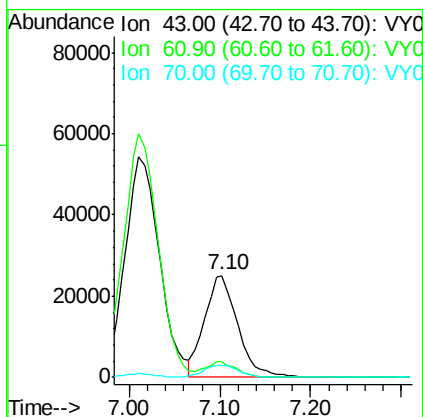
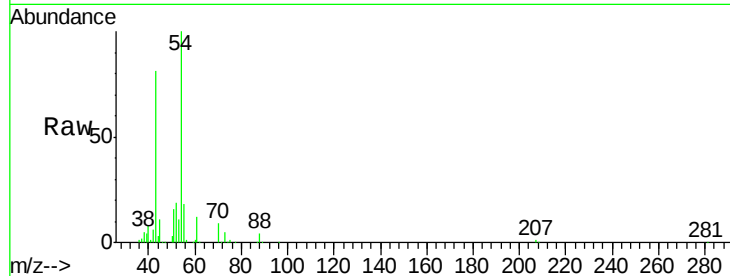




#37
Ethyl Acetate
Concen: 43.687 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

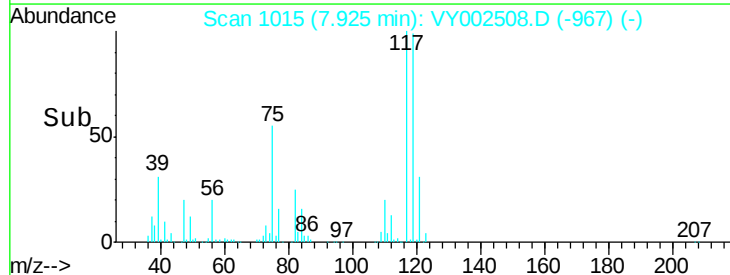
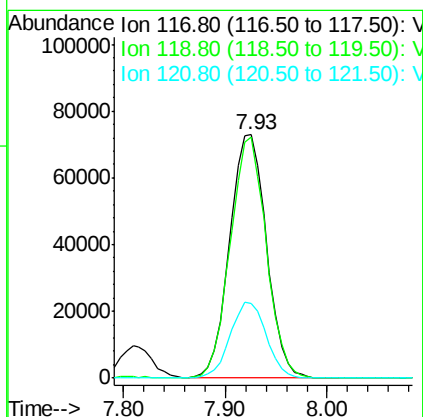
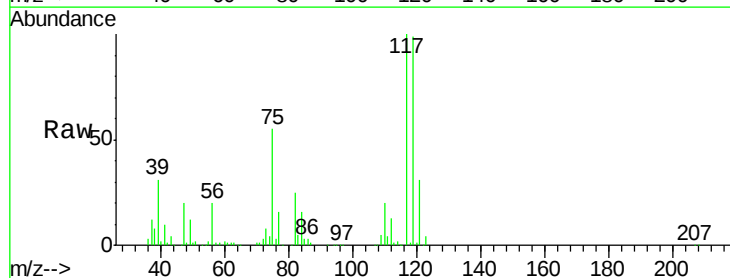
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

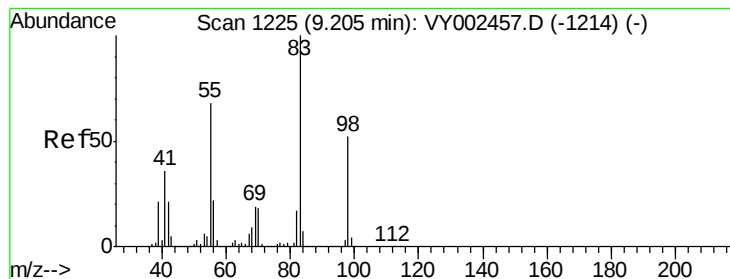
Tot Ion: 43 Resp: 64228
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 12.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 54.246 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion: 117 Resp: 182551
Ion Ratio Lower Upper
117 100
119 99.0 75.9 113.9
121 30.5 24.5 36.7

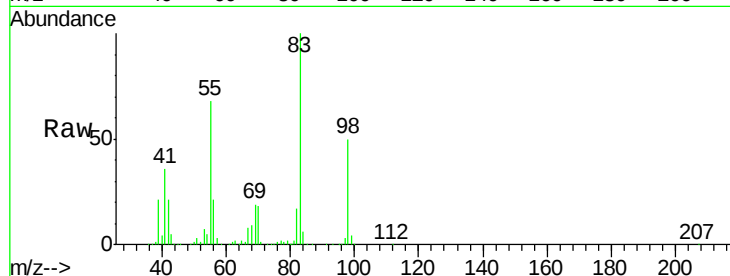




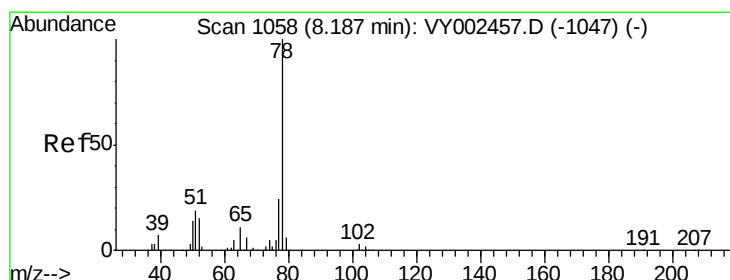
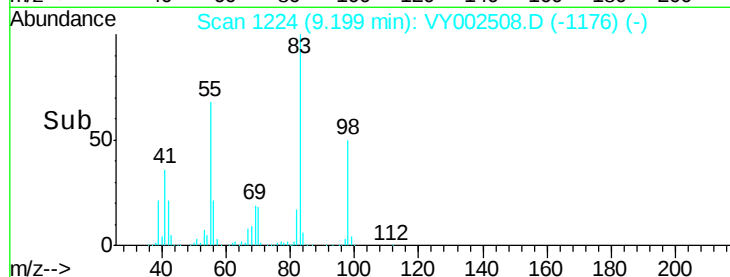
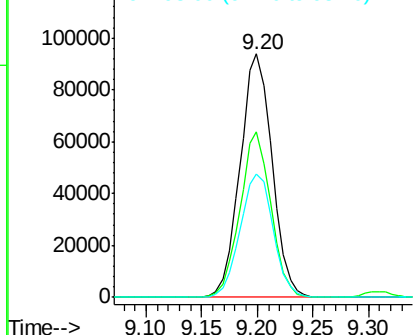
#39
Methvlcvclohexane
Concen: 49.057 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 187272
Ion Ratio Lower Upper
83 100
55 67.8 54.2 81.2
98 50.5 41.9 62.9

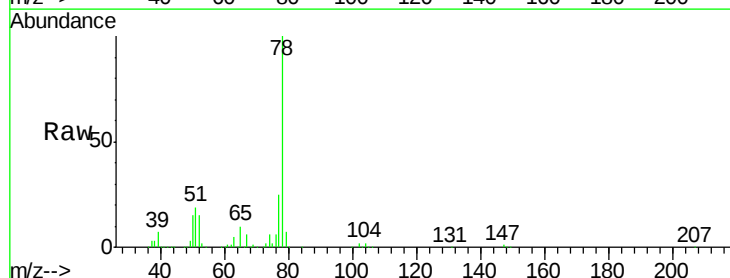


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

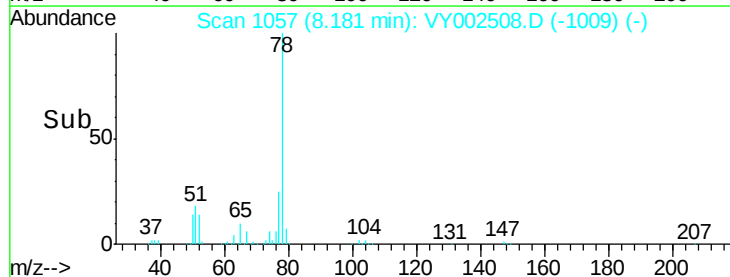
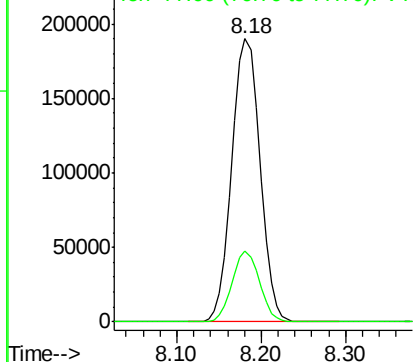


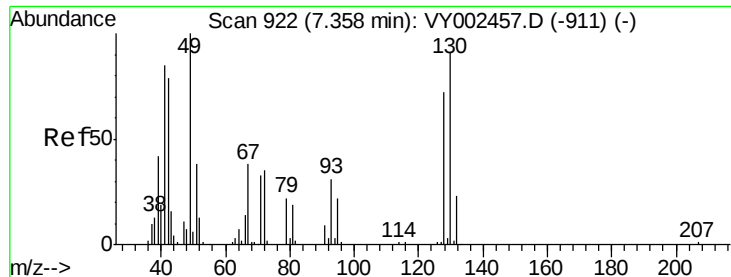
#40
Benzene
Concen: 50.767 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion: 78 Resp: 429401
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0



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





#41

Methacrylonitrile

Concen: 30.248 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.02 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 27398

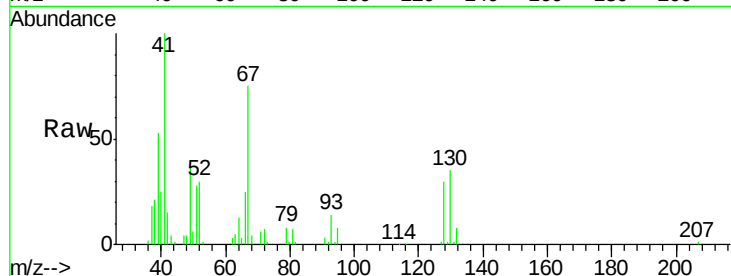
Ion Ratio Lower Upper

41 100

39 162.1 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

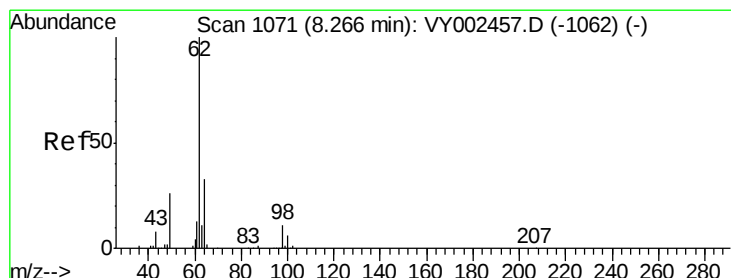
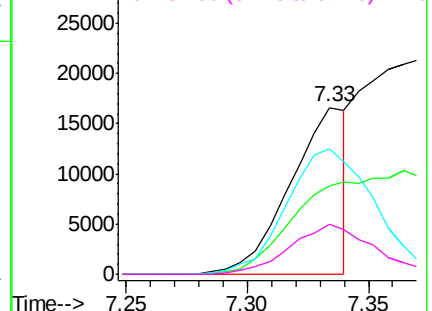
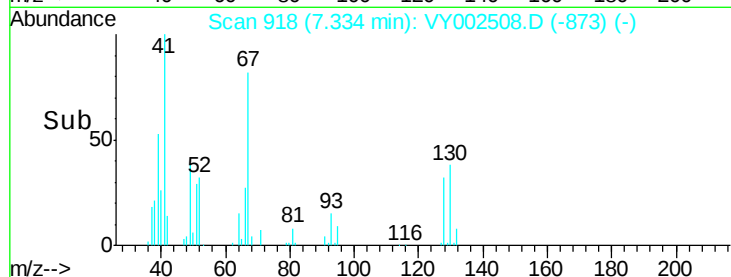


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 51.803 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VY002508.D

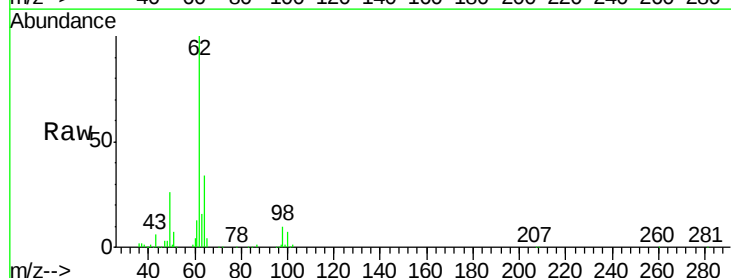
Acq: 29 Apr 2020 15:35

Tgt Ion: 62 Resp: 127282

Ion Ratio Lower Upper

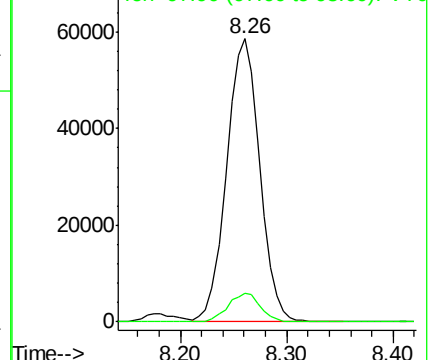
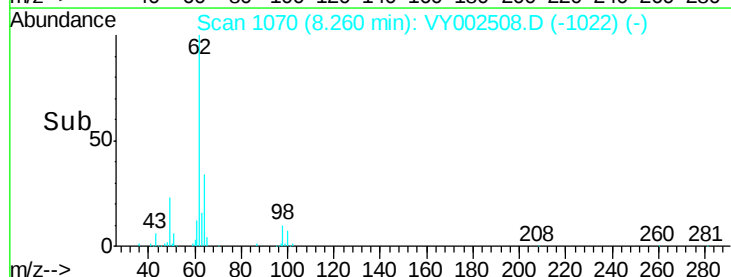
62 100

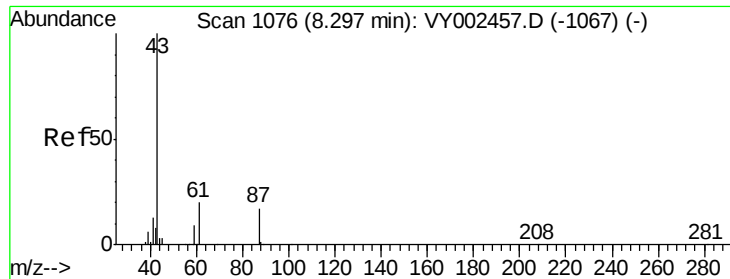
98 9.9 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



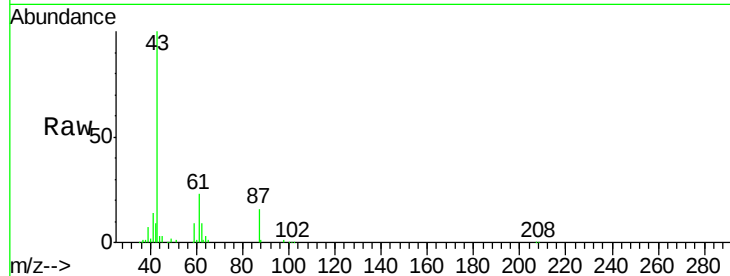


#43

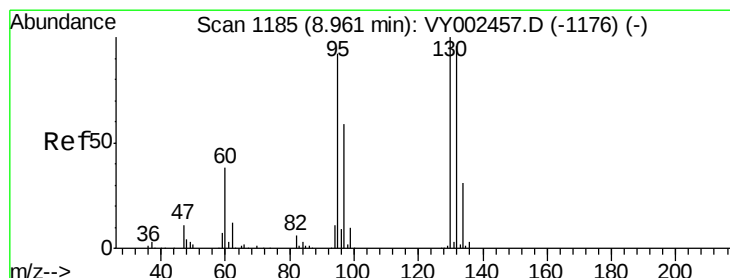
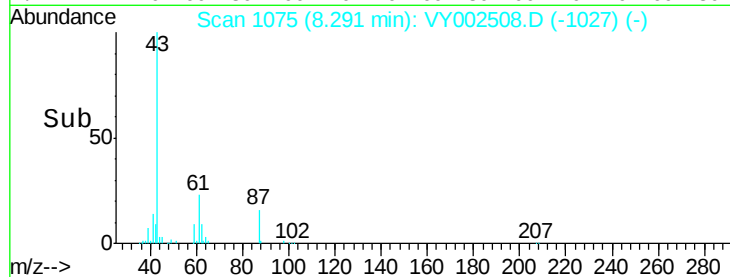
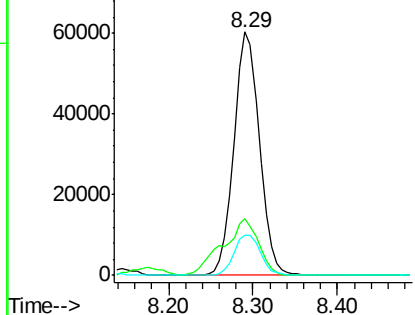
Isopropyl Acetate
 Concen: 44.789 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	123159
Ion	Ratio	Lower	Upper
43	100		
61	32.8	25.0	37.4
87	17.1	13.0	19.4



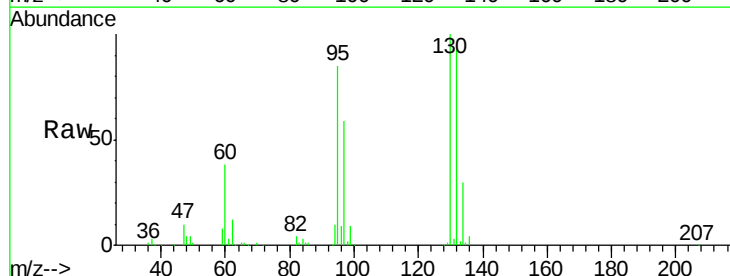
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



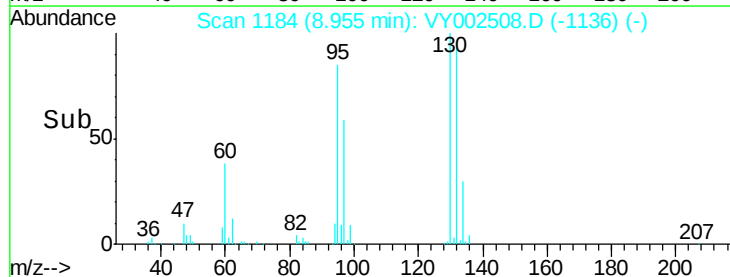
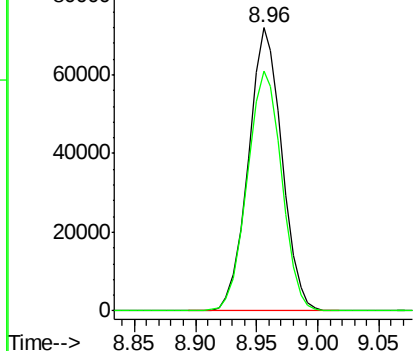
#44

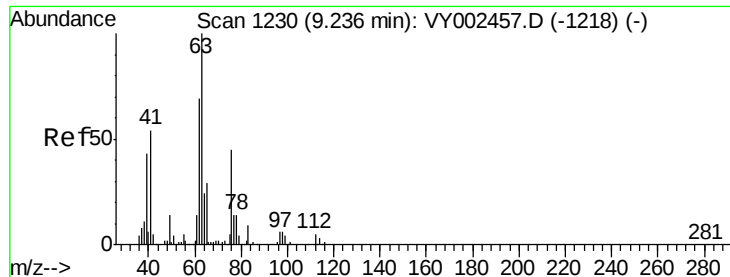
Trichloroethene
 Concen: 51.823 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion:	130	Resp:	137061
Ion	Ratio	Lower	Upper
130	100		
95	84.5	0.0	184.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 47.740 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

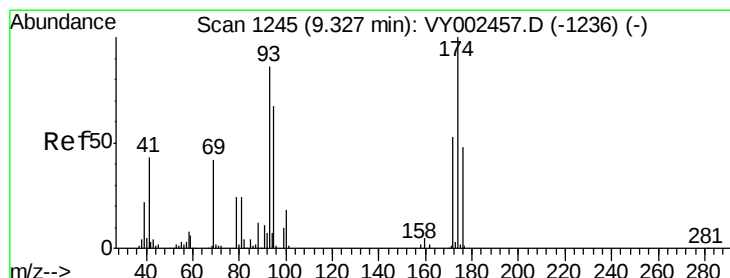
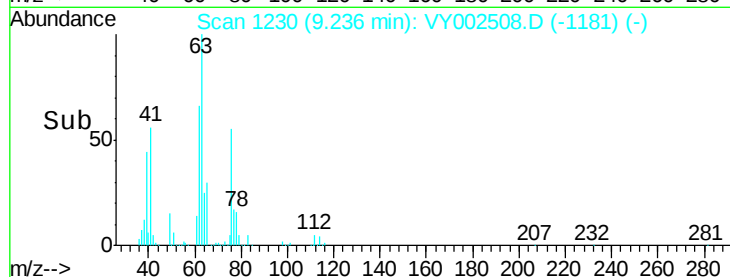
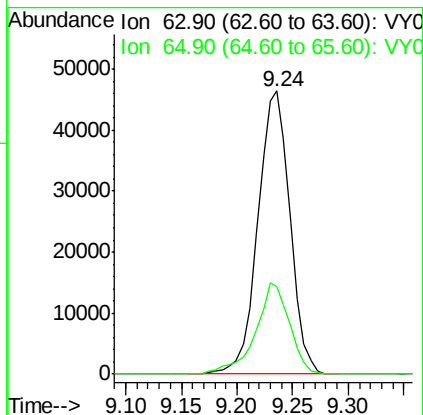
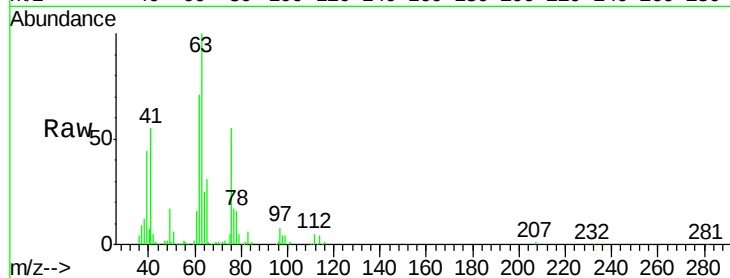
VSTDCCC050EC

Tot Ion: 63 Resp: 93065

Ion Ratio Lower Upper

63 100

65 31.0 23.4 35.0



#46

Dibromomethane

Concen: 50.036 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

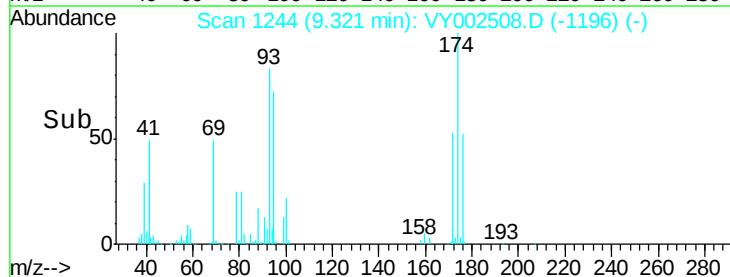
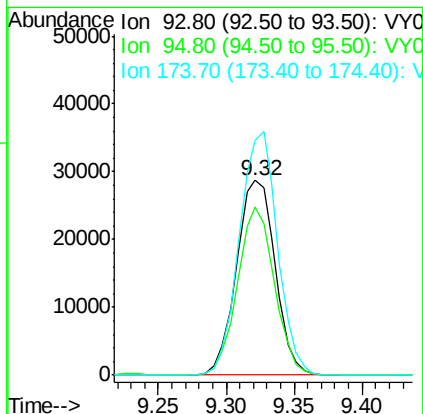
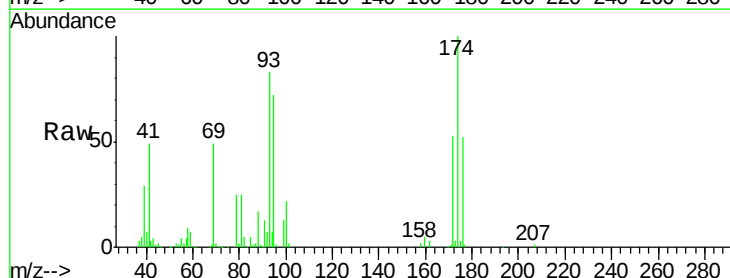
Tgt Ion: 93 Resp: 57067

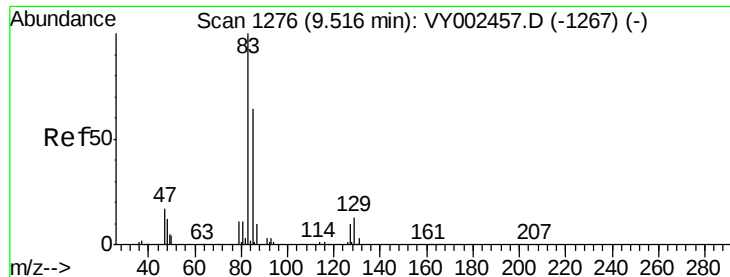
Ion Ratio Lower Upper

93 100

95 82.1 65.4 98.0

174 123.4 94.8 142.2





#47

Bromodichloromethane

Concen: 52.304 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

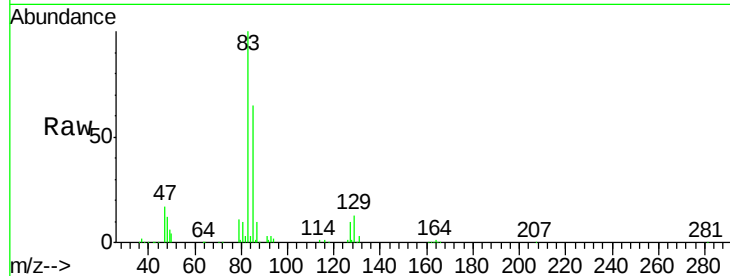
Tot Ion: 83 Resp: 149179

Ion Ratio Lower Upper

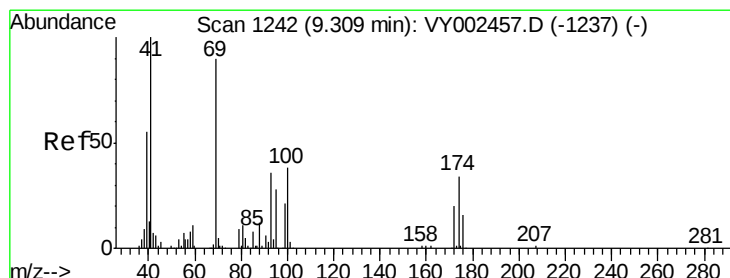
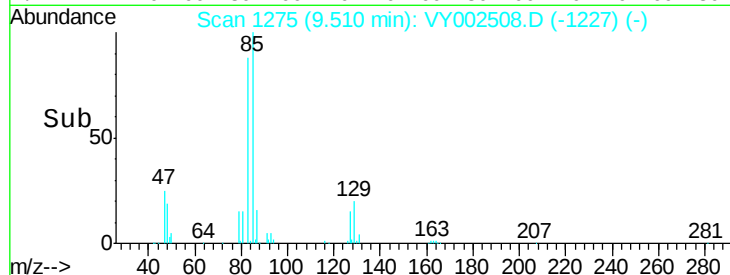
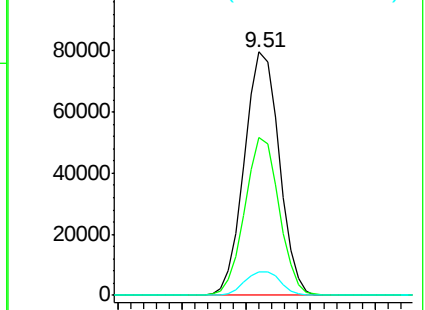
83 100

85 65.1 51.2 76.8

127 9.8 7.7 11.5



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: 45.420 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

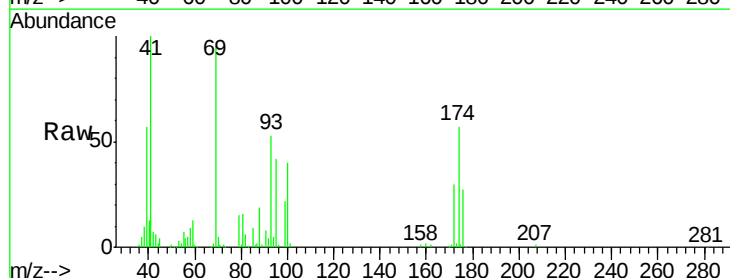
Tgt Ion: 41 Resp: 57015

Ion Ratio Lower Upper

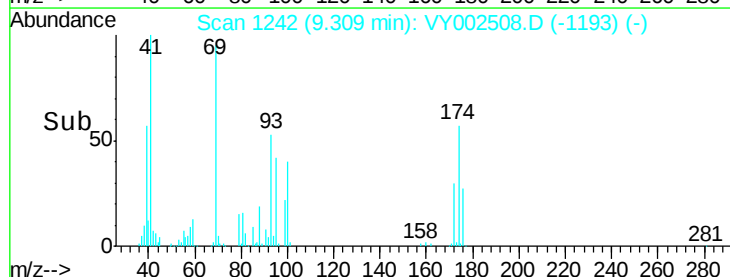
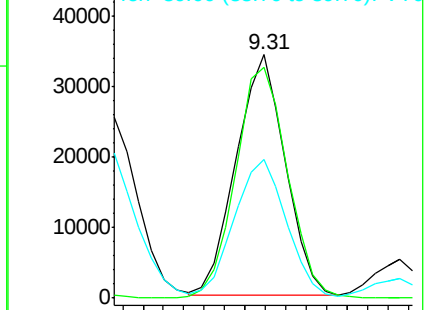
41 100

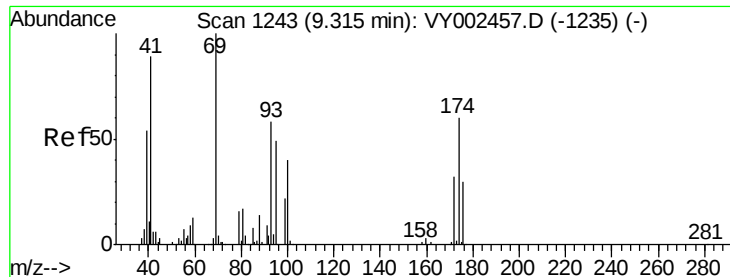
69 101.4 77.9 116.9

39 61.7 47.9 71.9



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

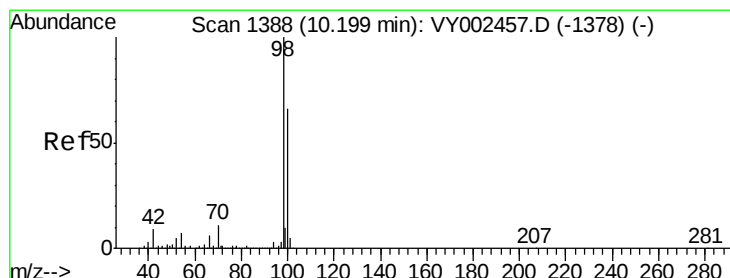
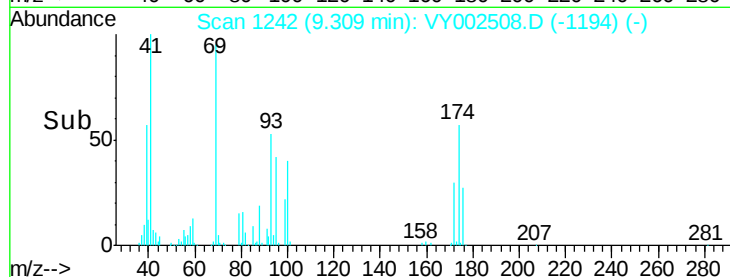
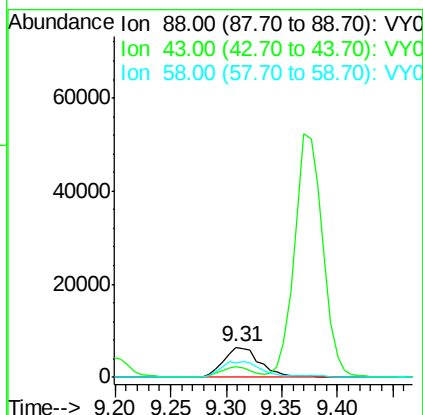
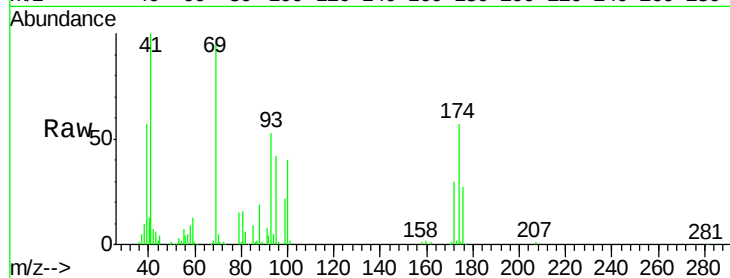




#49
1,4-Dioxane
Concen: 1031.856 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

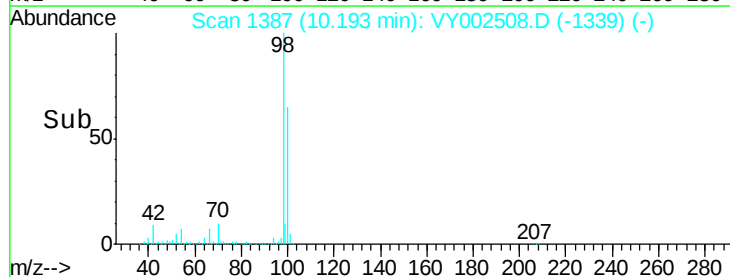
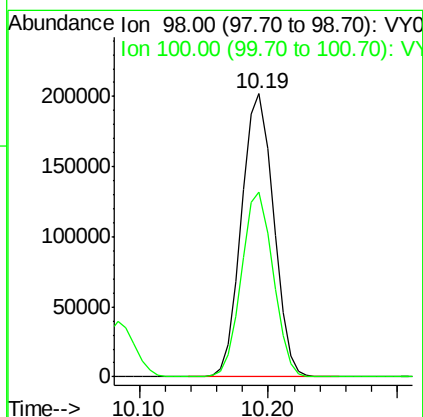
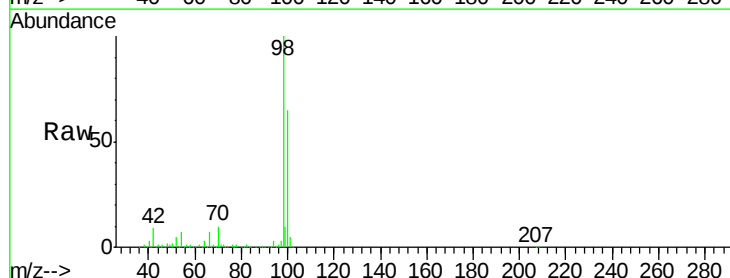
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

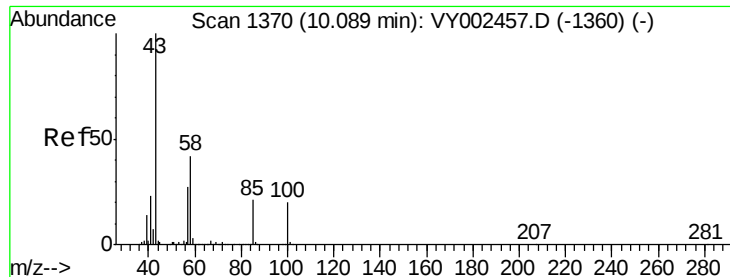
Tot Ion: 88 Resp: 14998
Ion Ratio Lower Upper
88 100
43 29.8 22.9 34.3
58 55.8 49.5 74.3



#50
Toluene-d8
Concen: 45.128 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion: 98 Resp: 349168
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 223.279 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

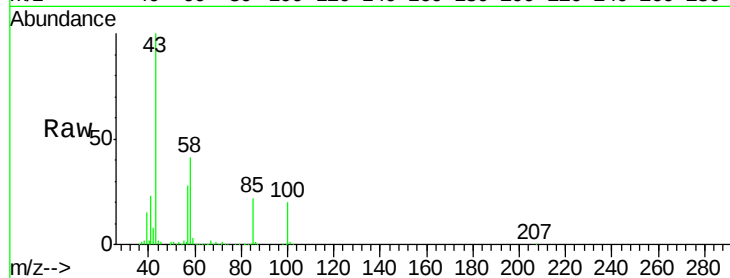
VSTDCCC050EC

Tot Ion: 43 Resp: 318897

Ion Ratio Lower Upper

43 100

58 42.3 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-1360) (-)

10.08

200000

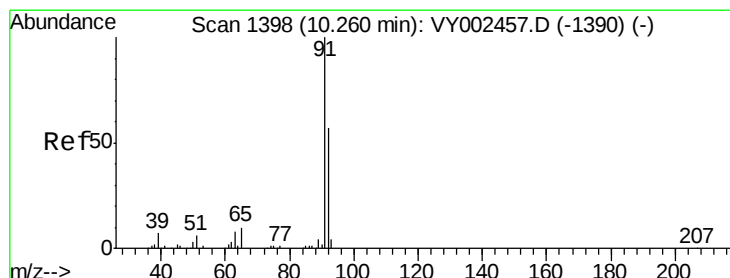
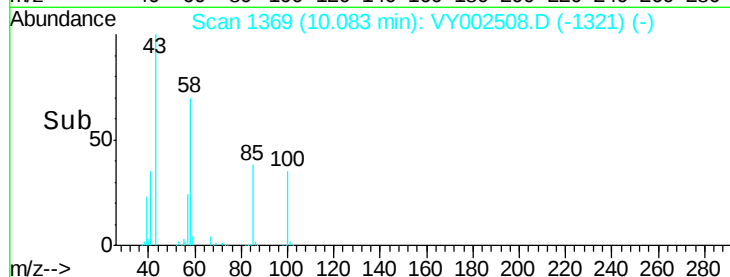
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 51.749 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY002508.D

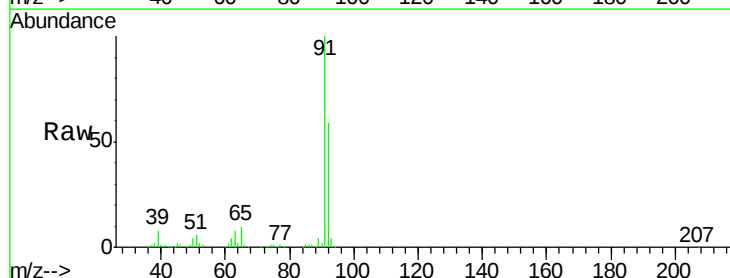
Acq: 29 Apr 2020 15:35

Tgt Ion: 92 Resp: 281754

Ion Ratio Lower Upper

92 100

91 173.8 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VY002457.D (-1390) (-)

Ion 91.00 (90.70 to 91.70): VY002457.D (-1390) (-)

10.25

300000

250000

200000

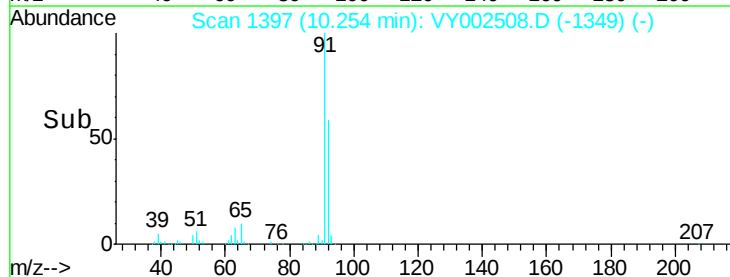
150000

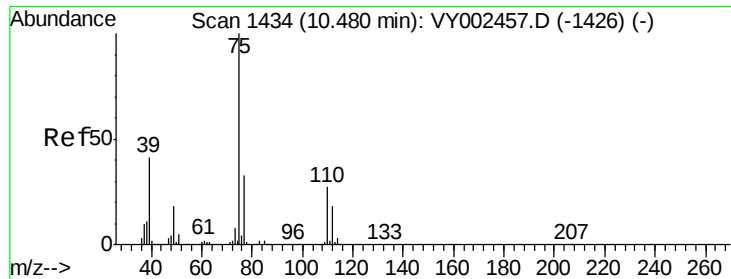
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.876 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

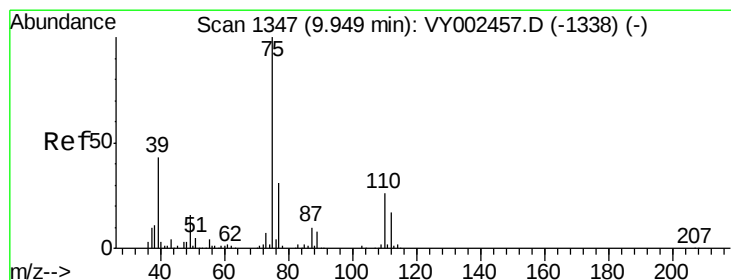
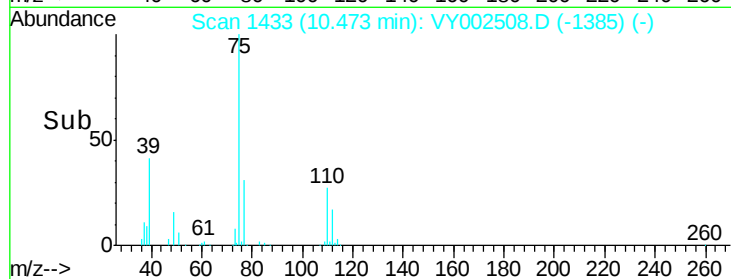
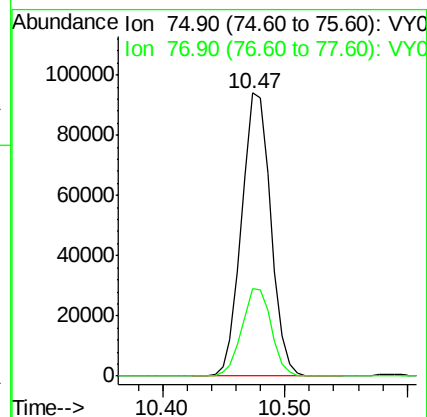
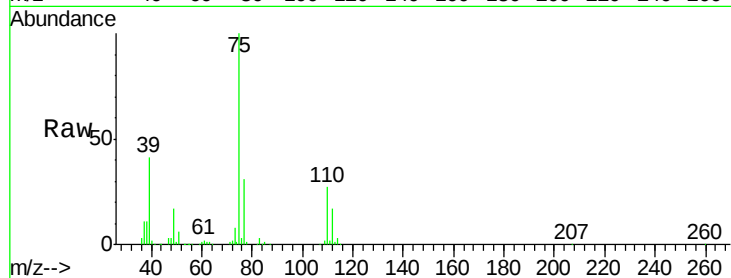
VSTDCCC050EC

Tot Ion: 75 Resp: 155384

Ion Ratio Lower Upper

75 100

77 31.0 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 50.677 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

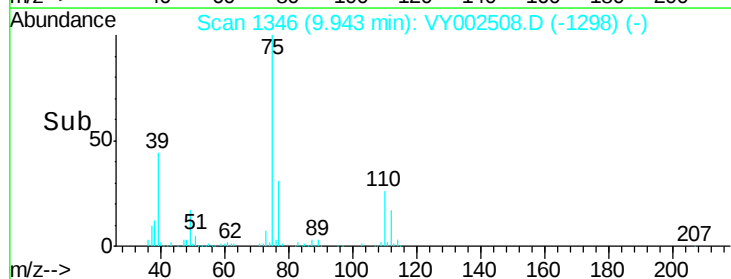
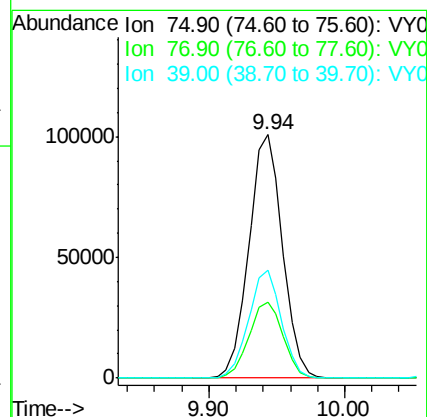
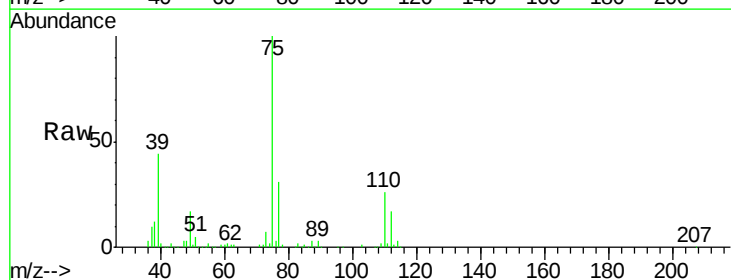
Tgt Ion: 75 Resp: 173737

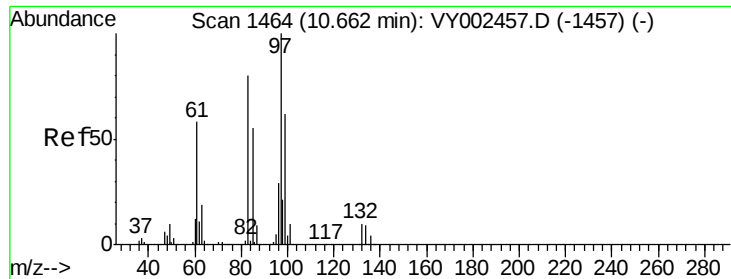
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 44.2 34.2 51.2

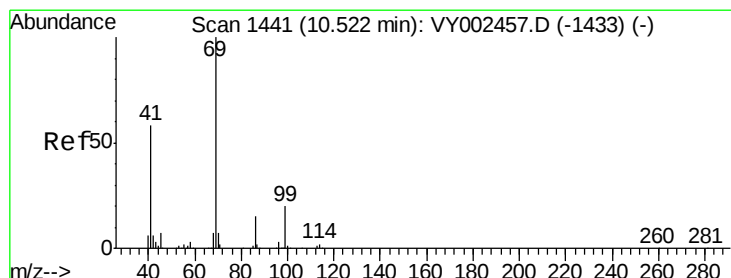
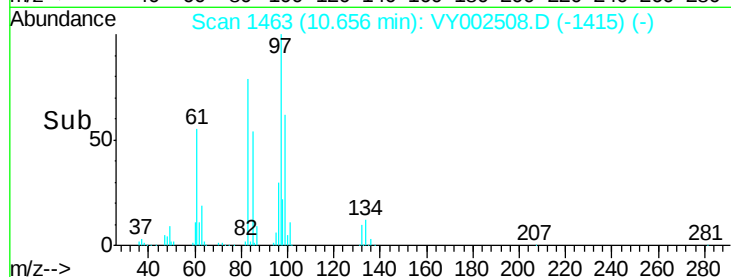
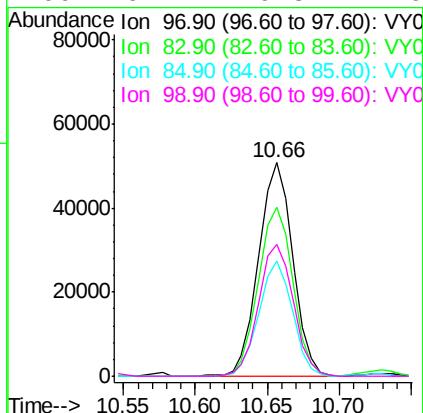
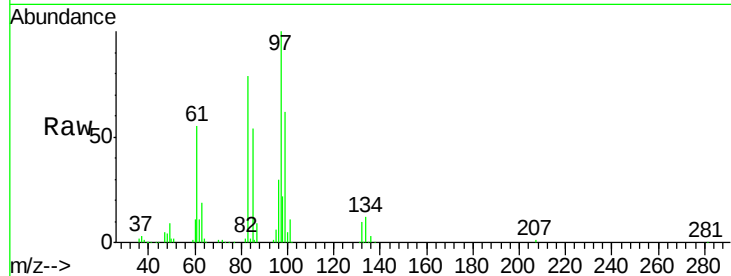




#55
 1,1,2-Trichloroethane
 Concen: 49.484 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

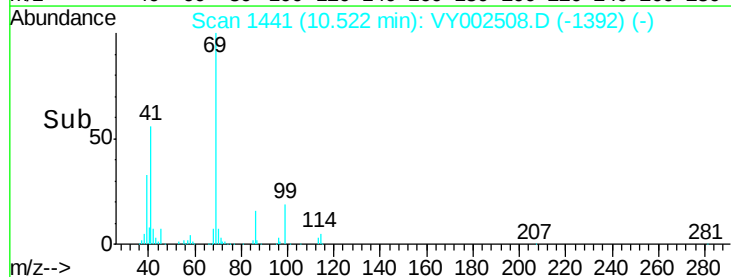
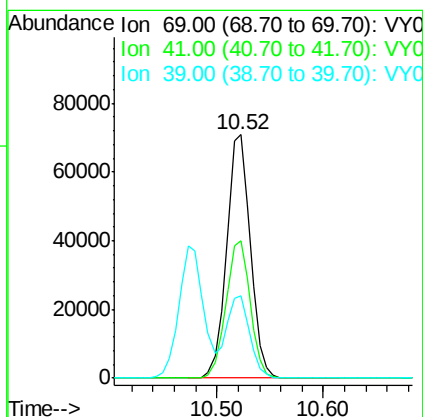
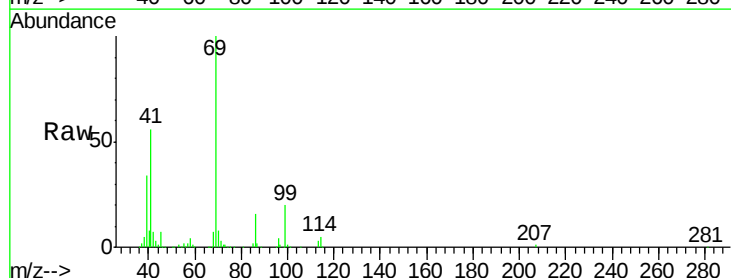
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

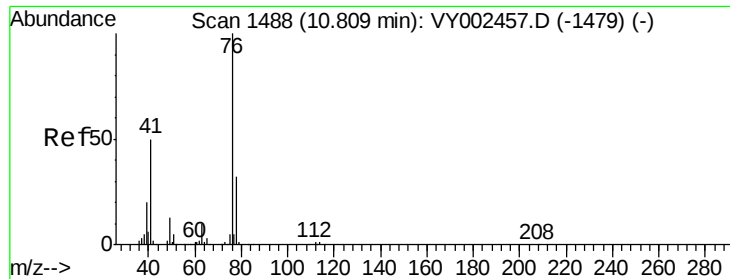
Tot Ion:	97	Resp:	83446
Ion	Ratio	Lower	Upper
97	100		
83	79.0	63.8	95.8
85	53.7	43.9	65.9
99	61.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 48.053 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion:	69	Resp:	110722
Ion	Ratio	Lower	Upper
69	100		
41	57.3	47.5	71.3
39	33.5	25.7	38.5





#57

1,3-Dichloropropane

Concen: 48.617 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

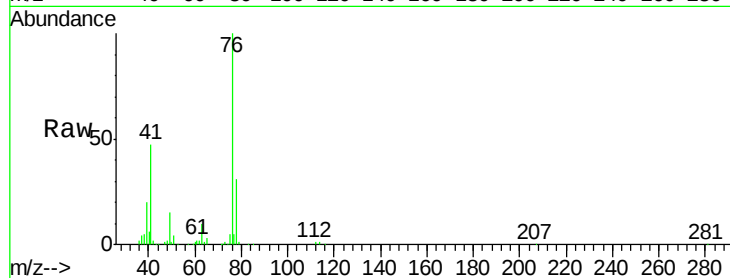
VSTDCCC050EC

Tot Ion: 76 Resp: 138414

Ion Ratio Lower Upper

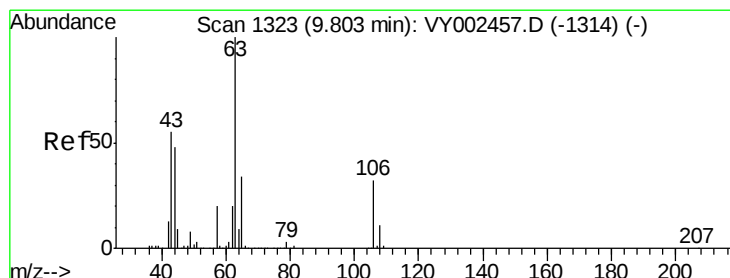
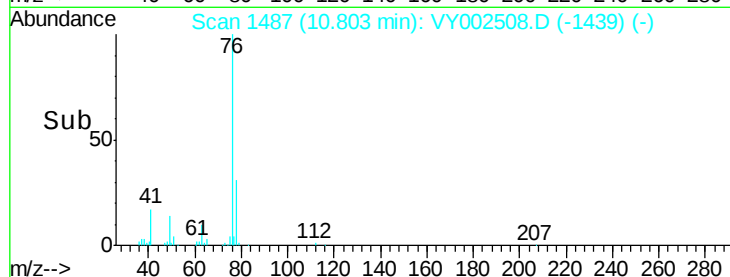
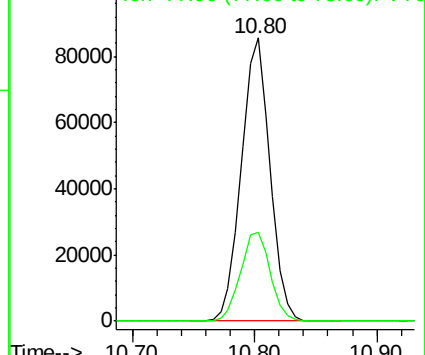
76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 222.781 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY002508.D

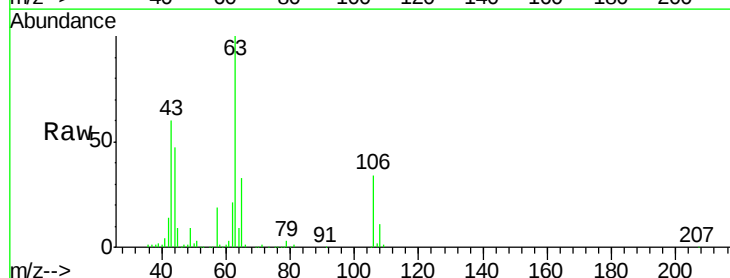
Acq: 29 Apr 2020 15:35

Tgt Ion: 63 Resp: 248235

Ion Ratio Lower Upper

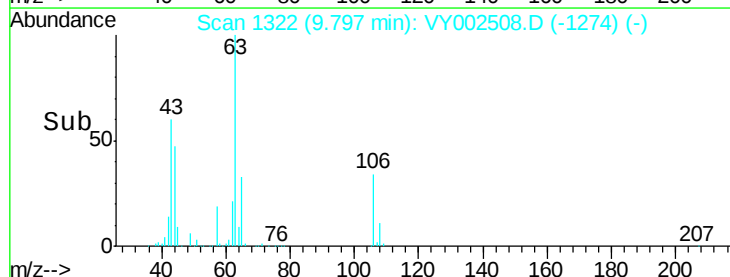
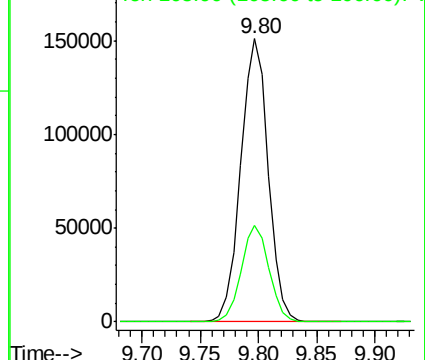
63 100

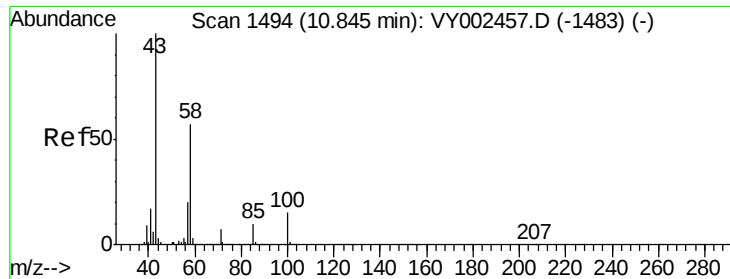
106 34.3 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 215.842 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

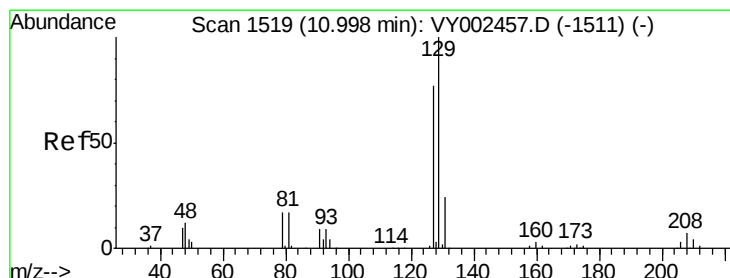
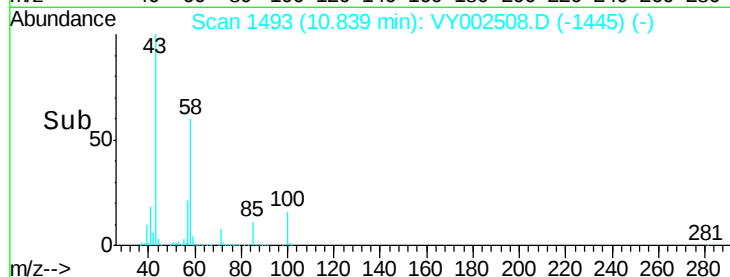
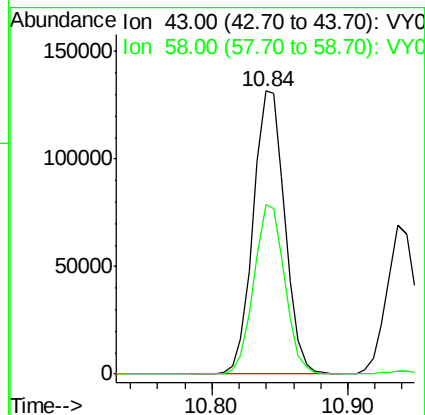
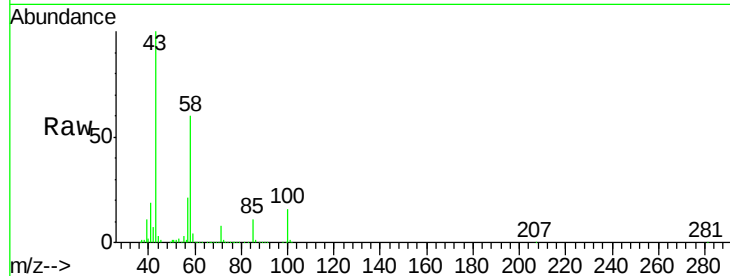
VSTDCCC050EC

Tot Ion: 43 Resp: 214879

Ion Ratio Lower Upper

43 100

58 58.5 28.8 86.4



#60

Dibromochloromethane

Concen: 52.206 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.01 min

Lab File: VY002508.D

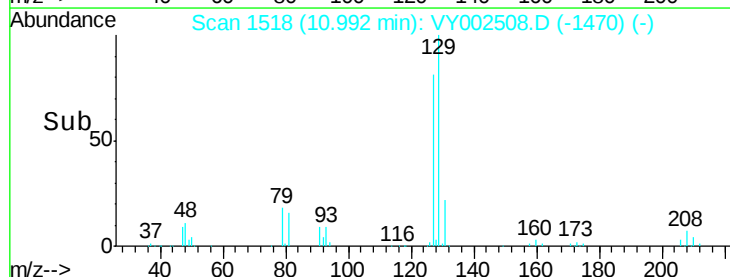
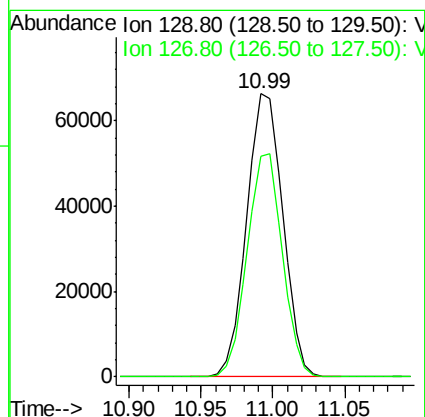
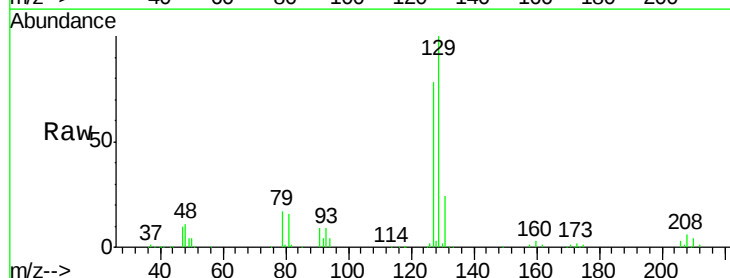
Acq: 29 Apr 2020 15:35

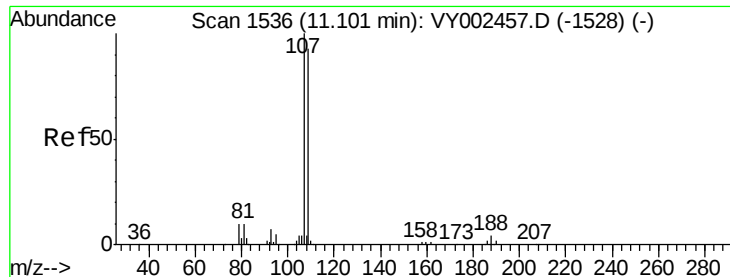
Tgt Ion: 129 Resp: 115357

Ion Ratio Lower Upper

129 100

127 76.7 38.3 114.9

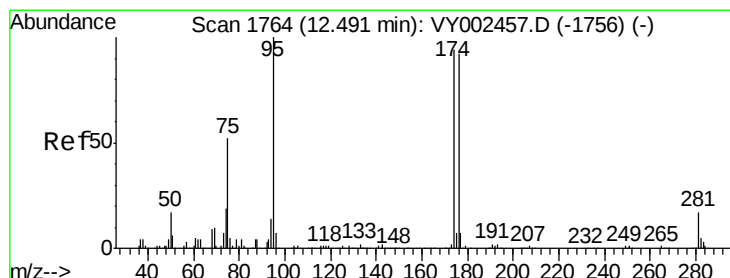
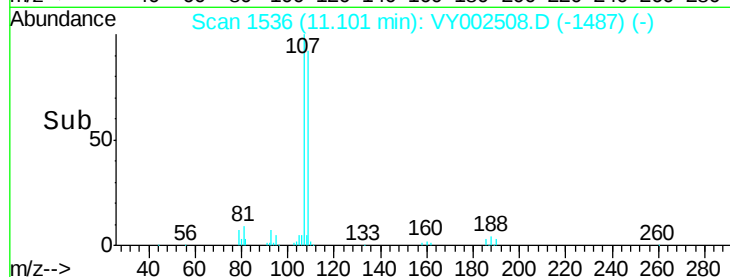
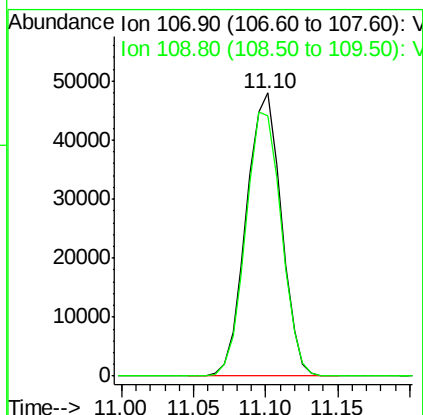
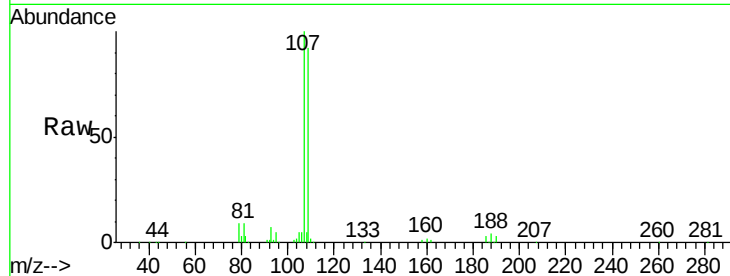




#61
 1,2-Dibromoethane
 Concen: 48.261 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

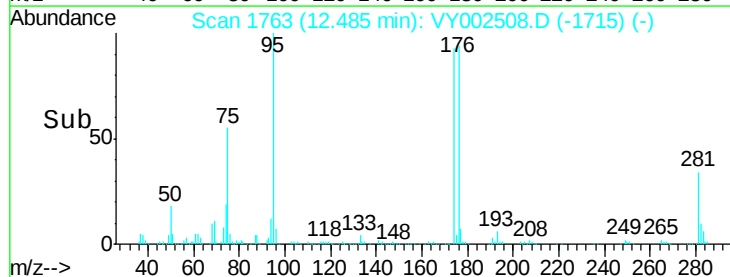
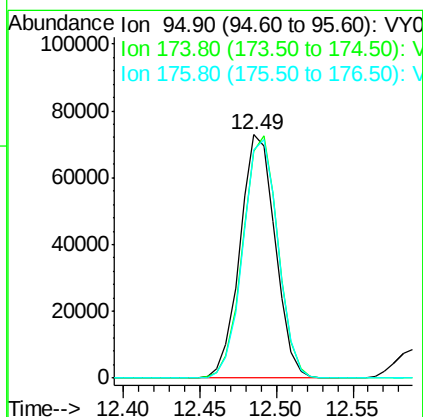
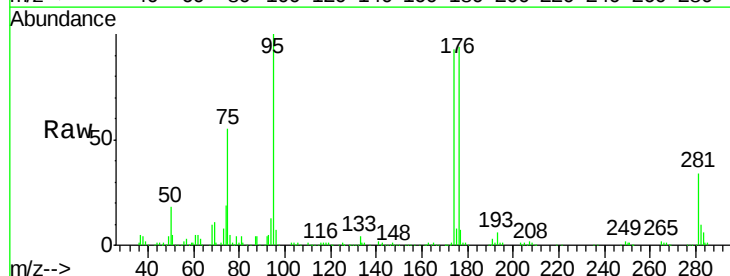
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

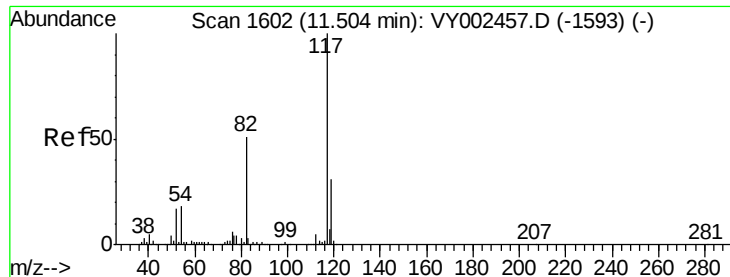
Tot Ion: 107 Resp: 80701
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 44.814 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion: 95 Resp: 116344
 Ion Ratio Lower Upper
 95 100
 174 98.7 0.0 193.0
 176 97.8 0.0 190.4

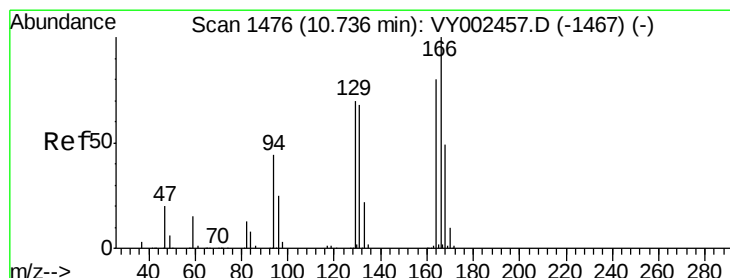
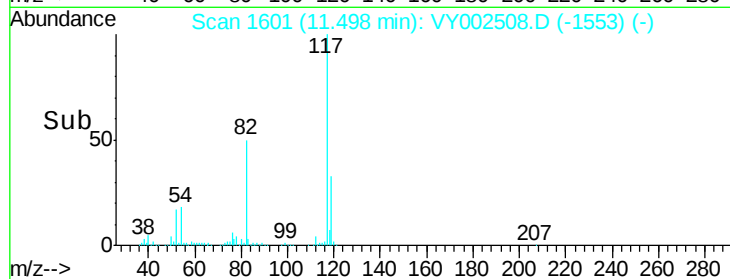
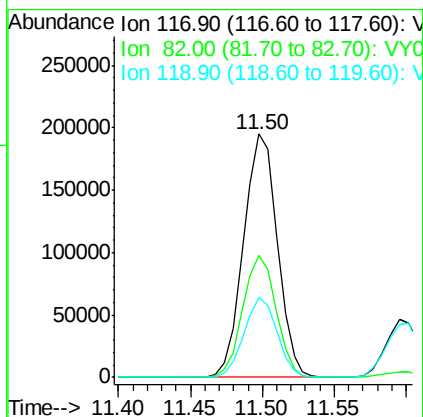
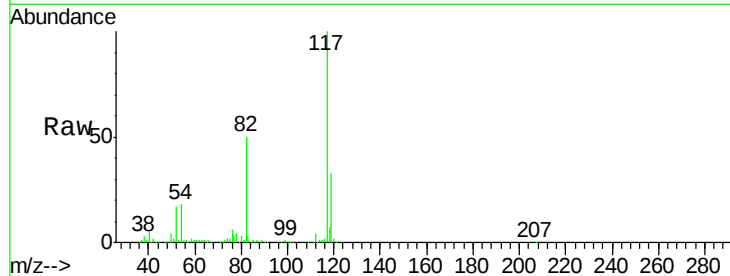




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

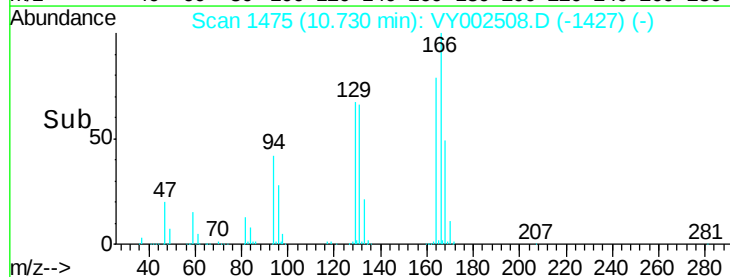
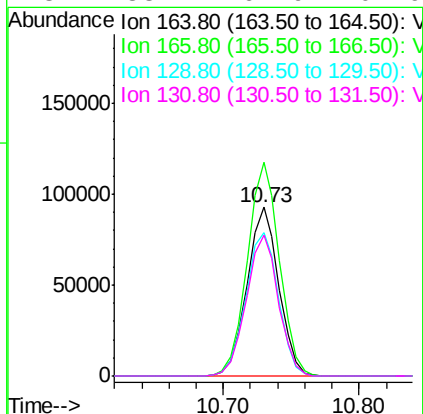
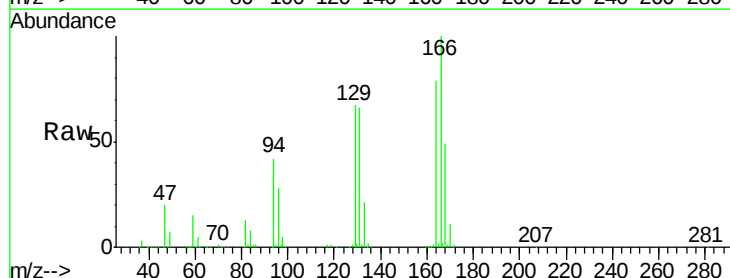
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

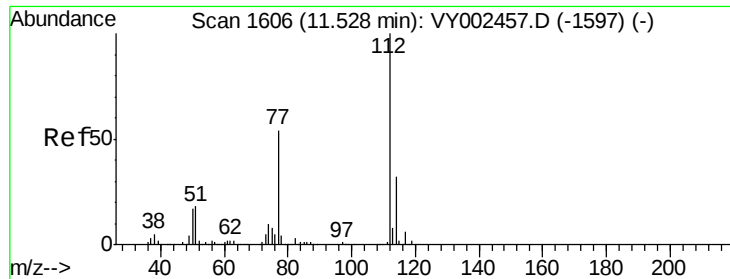
Tot Ion:117 Resp: 316002
Ion Ratio Lower Upper
117 100
82 50.3 40.8 61.2
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 52.317 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion:164 Resp: 151519
Ion Ratio Lower Upper
164 100
166 126.9 100.0 150.0
129 84.9 69.8 104.8
131 83.7 67.9 101.9

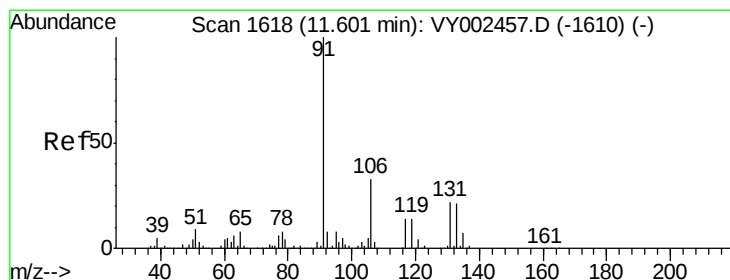
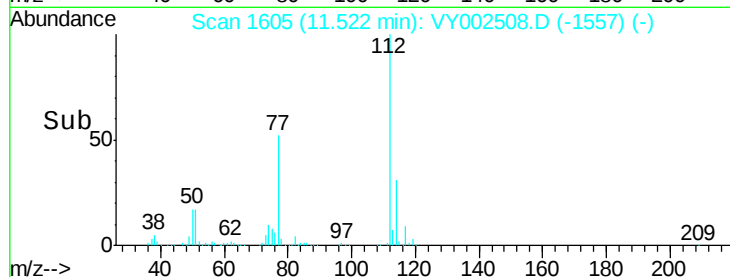
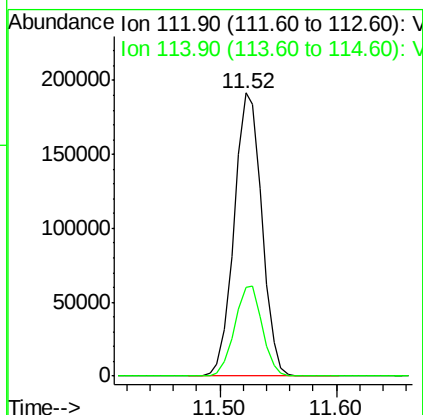
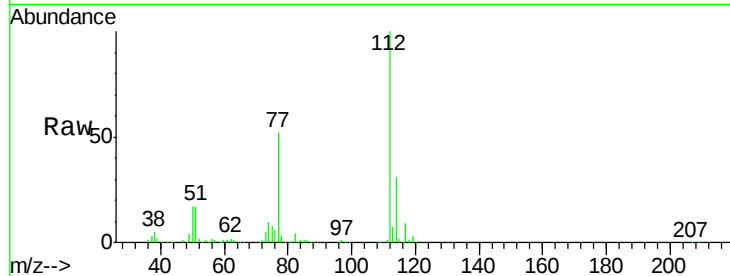




#65
Chlorobenzene
Concen: 51.965 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

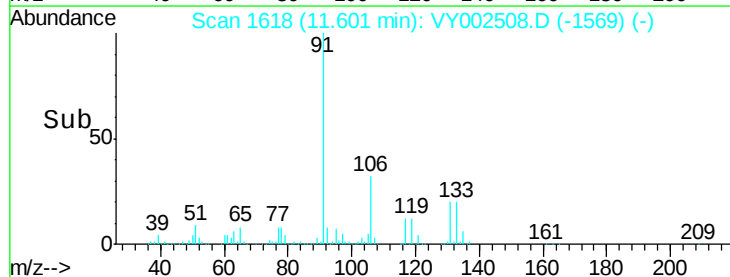
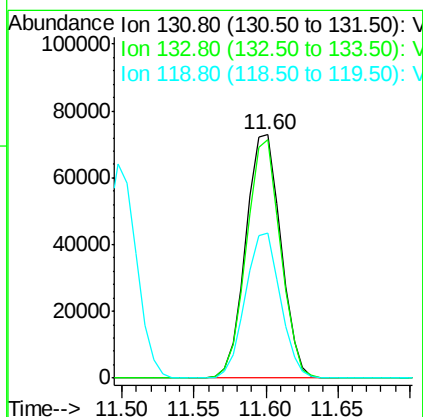
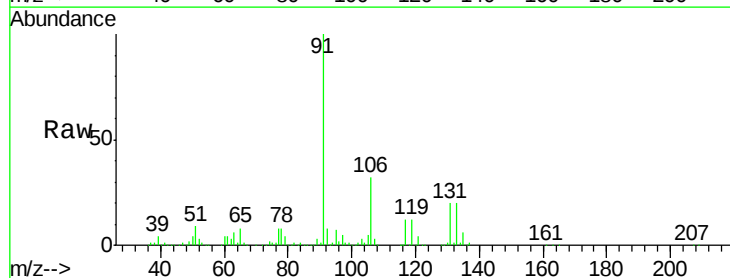
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

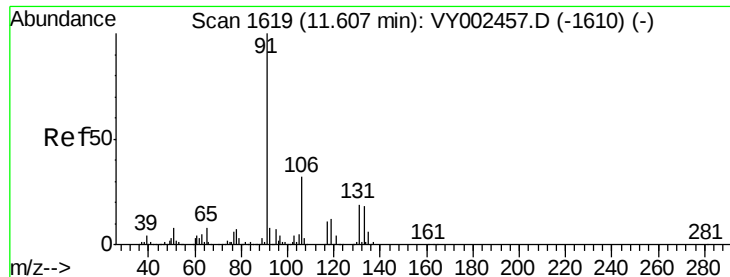
Tot Ion:112 Resp: 316575
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.611 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion:131 Resp: 122547
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.4
119 59.4 31.1 93.3

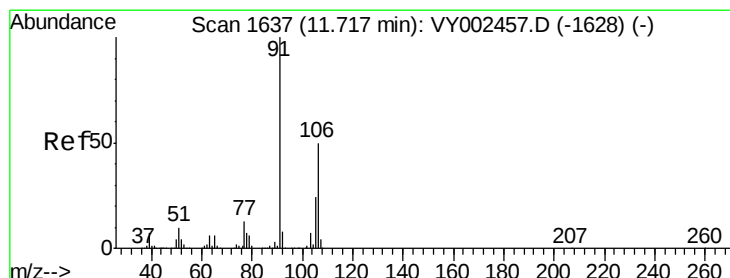
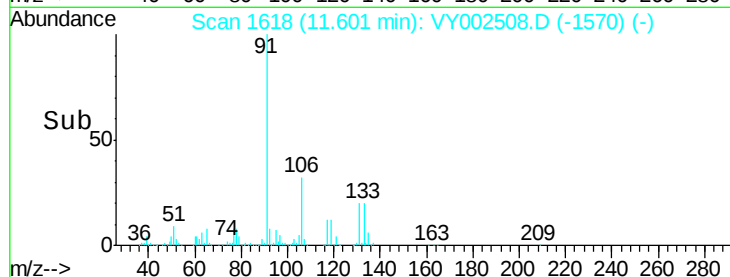
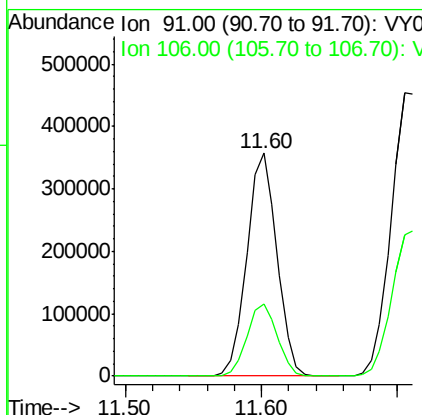
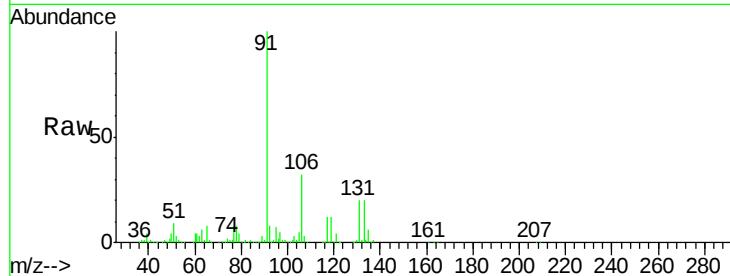




#67
Ethyl Benzene
Concen: 50.929 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

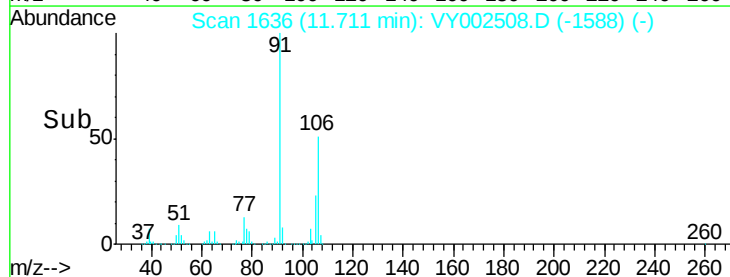
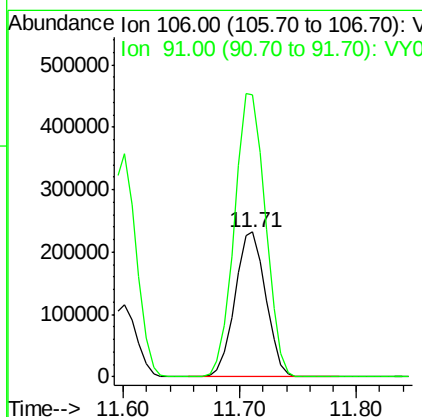
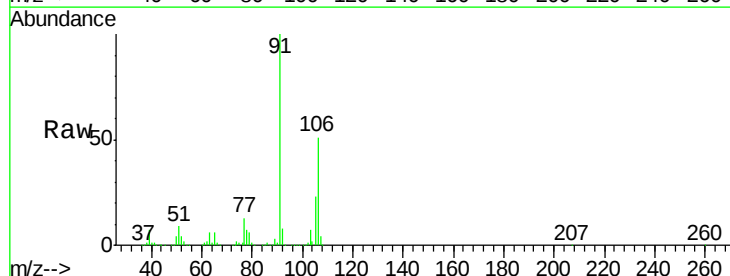
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

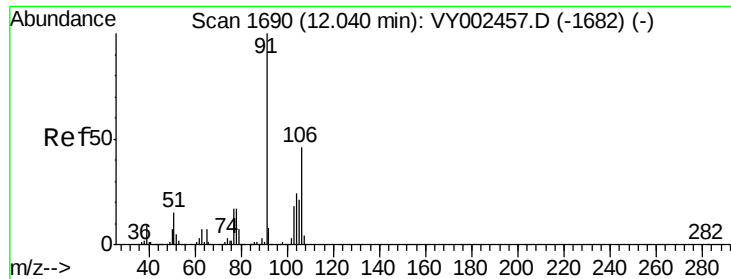
Tot Ion: 91 Resp: 552962
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6



#68
m/p-Xylenes
Concen: 102.328 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion: 106 Resp: 427701
Ion Ratio Lower Upper
106 100
91 197.5 159.8 239.6

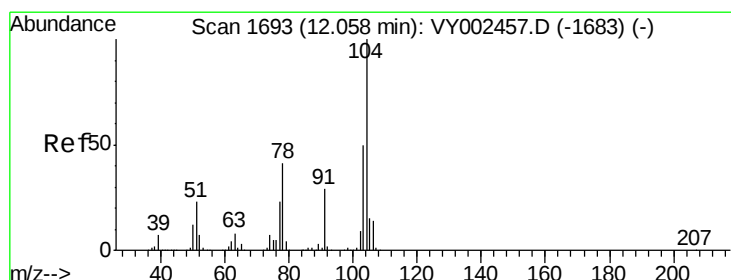
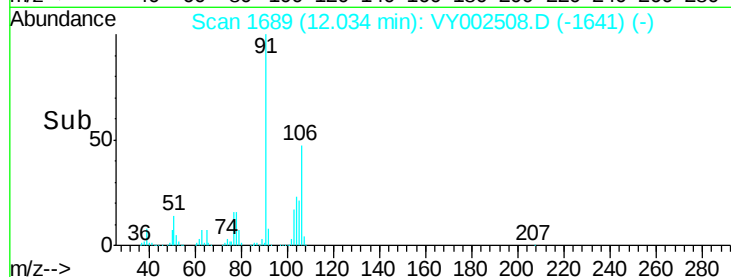
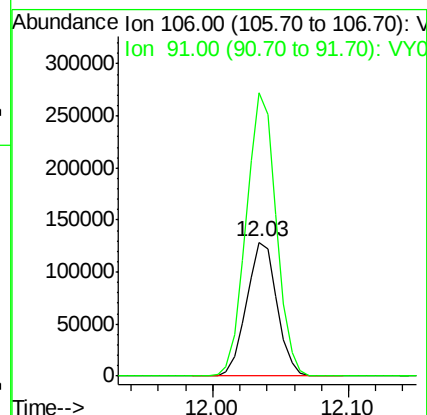
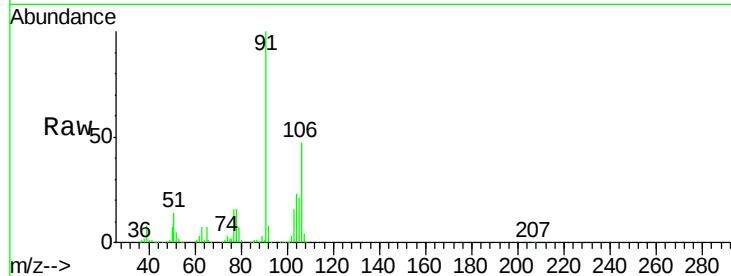




#69
o-Xylene
Concen: 51.801 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

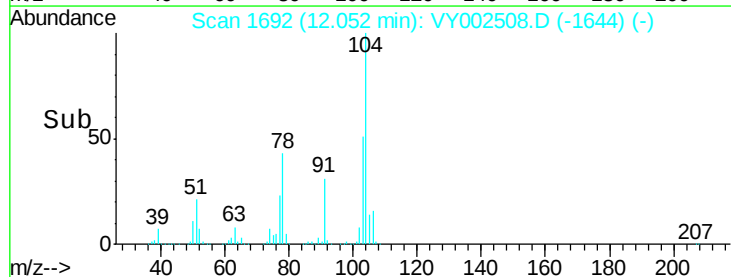
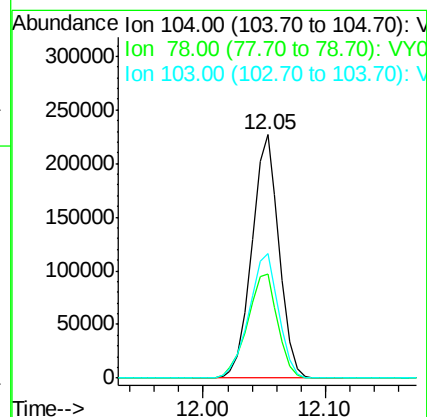
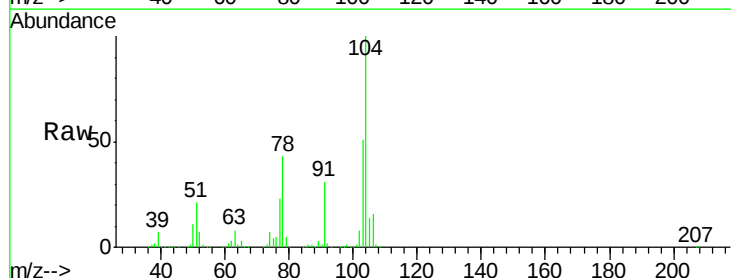
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

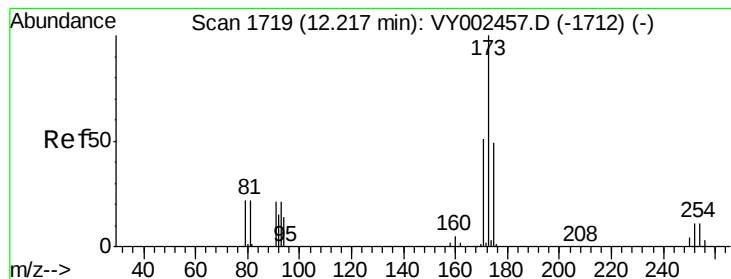
Tot Ion:106 Resp: 200499
Ion Ratio Lower Upper
106 100
91 209.4 104.5 313.3



#70
Styrene
Concen: 51.918 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion:104 Resp: 349901
Ion Ratio Lower Upper
104 100
78 47.8 38.0 57.0
103 55.6 44.4 66.6





#71

Bromoform

Concen: 50.358 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

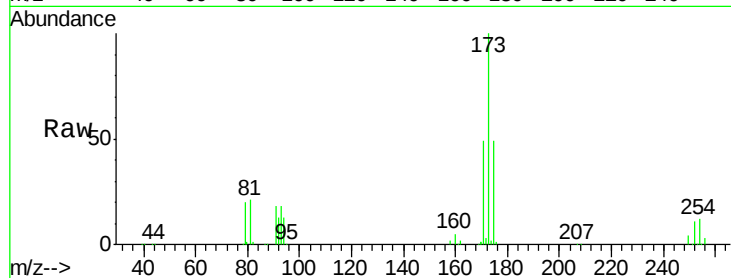
Tot Ion:173 Resp: 72515

Ion Ratio Lower Upper

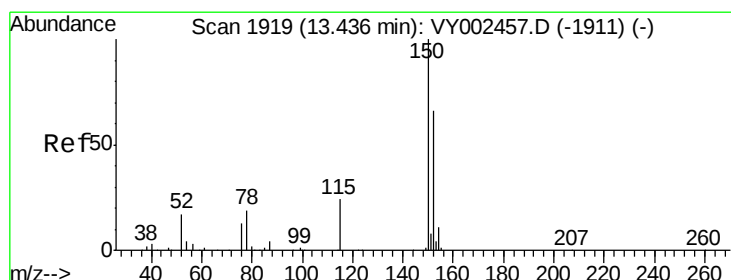
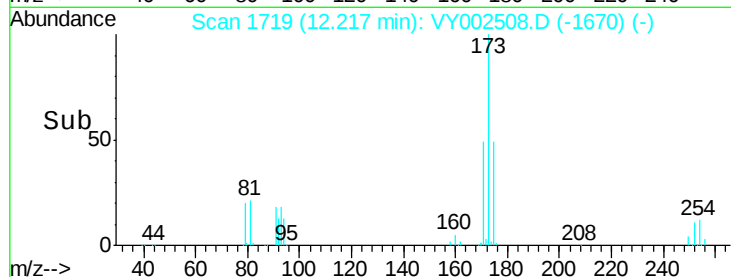
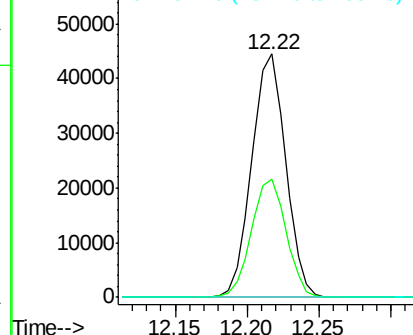
173 100

175 49.5 24.3 73.0

254 0.1 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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

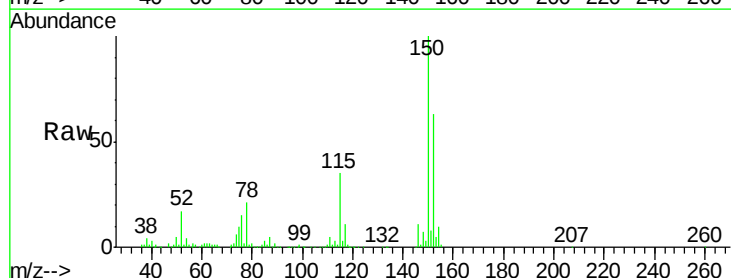
Tgt Ion:152 Resp: 162902

Ion Ratio Lower Upper

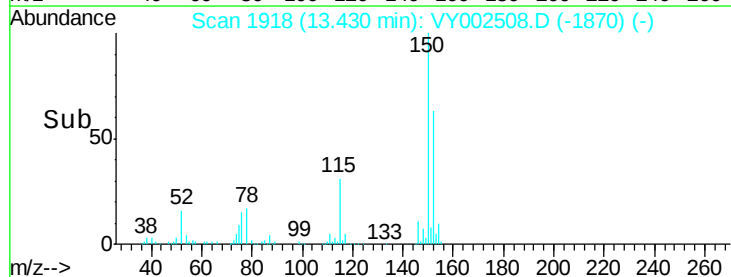
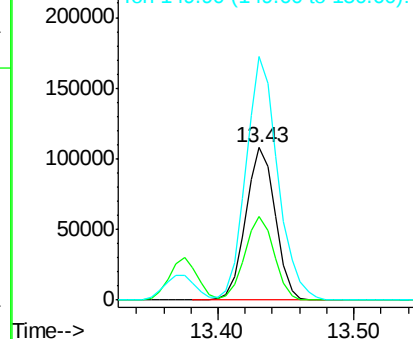
152 100

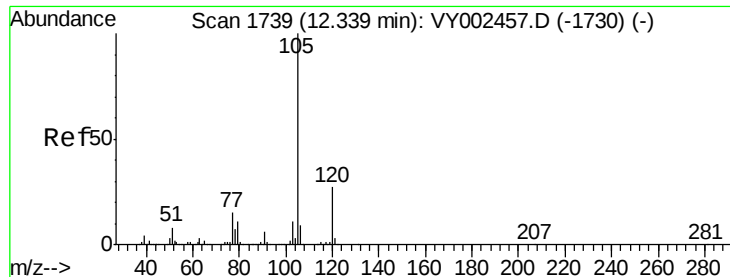
115 54.6 27.3 81.8

150 172.6 0.0 346.8



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: 51.118 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

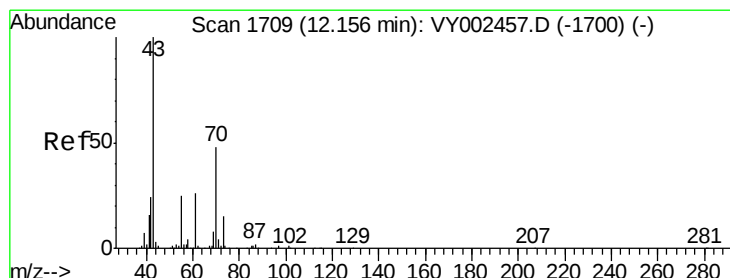
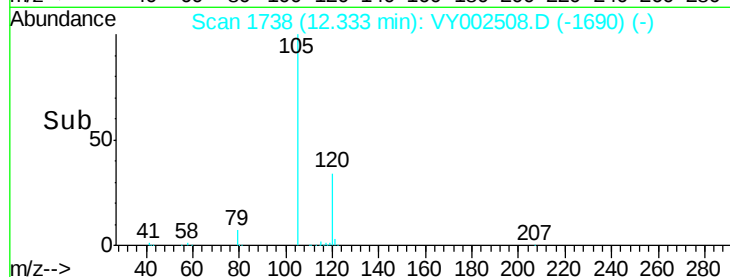
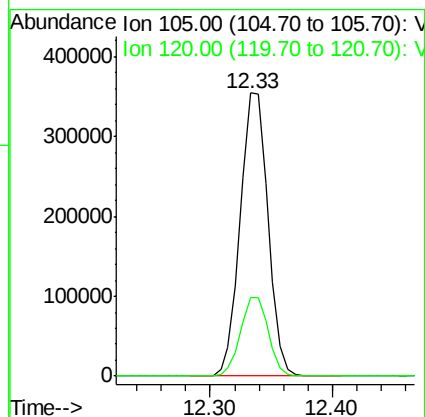
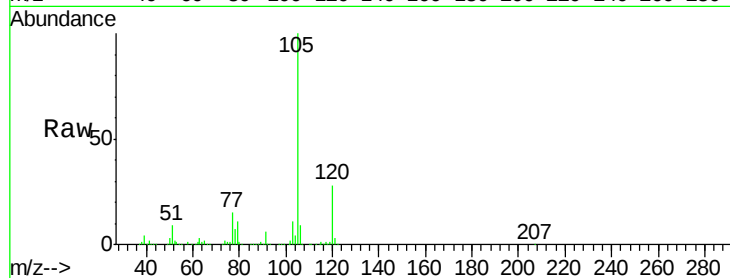
VSTDCCC050EC

Tot Ion:105 Resp: 556709

Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7



#74

N-ethyl acetate

Concen: 43.231 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Tgt Ion: 43 Resp: 111567

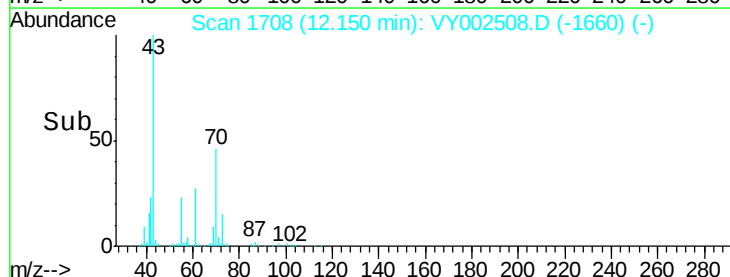
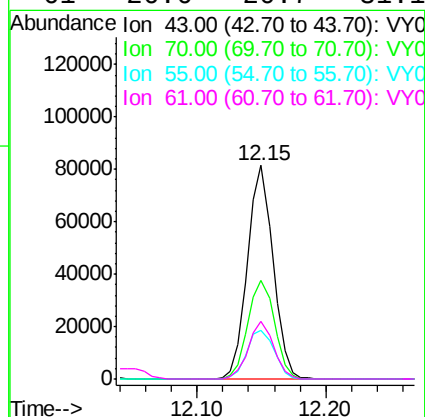
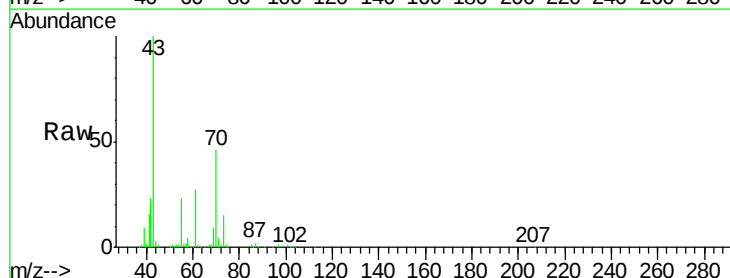
Ion Ratio Lower Upper

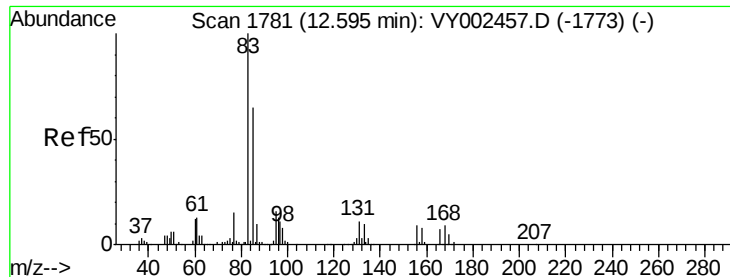
43 100

70 48.3 37.2 55.8

55 24.7 19.6 29.4

61 26.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 43.362 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

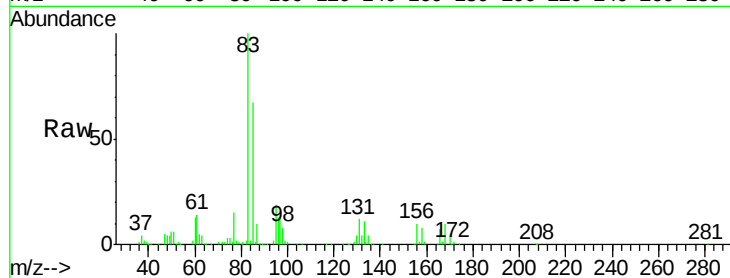
Tot Ion: 83 Resp: 72529

Ion Ratio Lower Upper

83 100

131 13.1 6.2 18.6

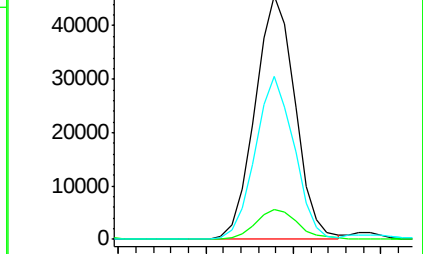
85 64.9 32.5 97.5



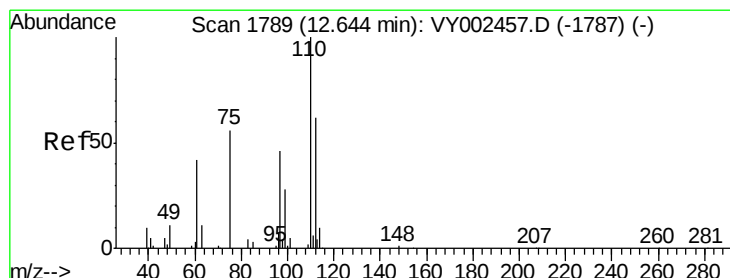
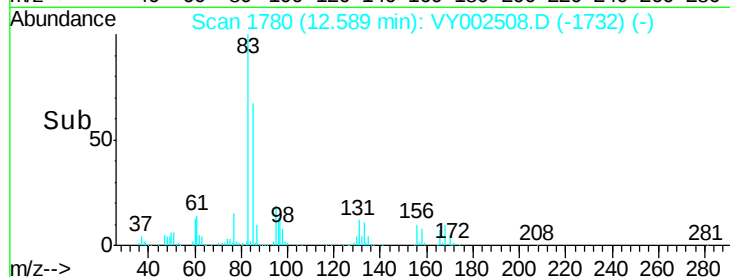
Abundance Ion 82.90 (82.60 to 83.60): VY002508.D (-1732) (-)

Ion 130.80 (130.50 to 131.50): VY002508.D (-1732) (-)

Ion 84.90 (84.60 to 85.60): VY002508.D (-1732) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 48.073 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002508.D

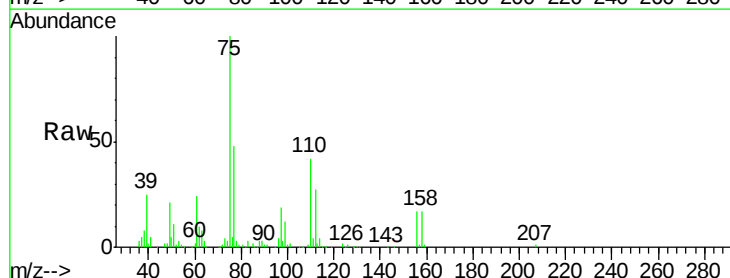
Acq: 29 Apr 2020 15:35

Tgt Ion: 75 Resp: 66374

Ion Ratio Lower Upper

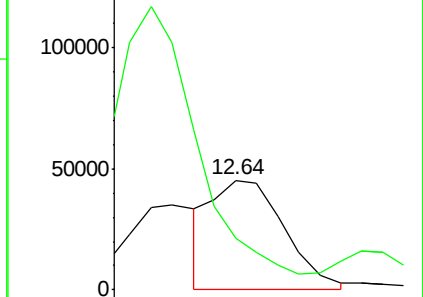
75 100

77 0.0 0.0 0.0

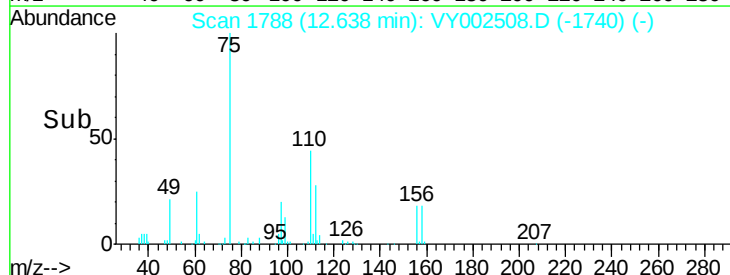


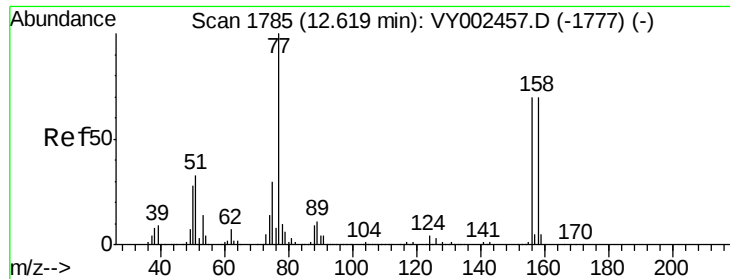
Abundance Ion 74.90 (74.60 to 75.60): VY002508.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY002508.D (-1740) (-)



Time-->

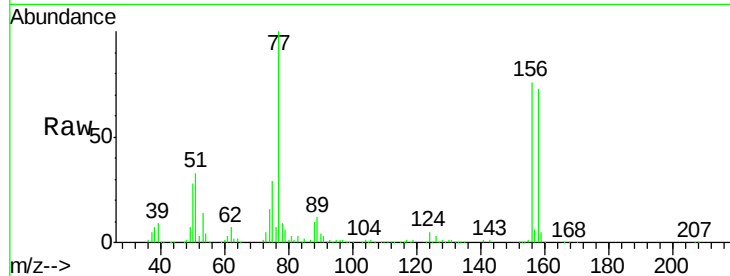




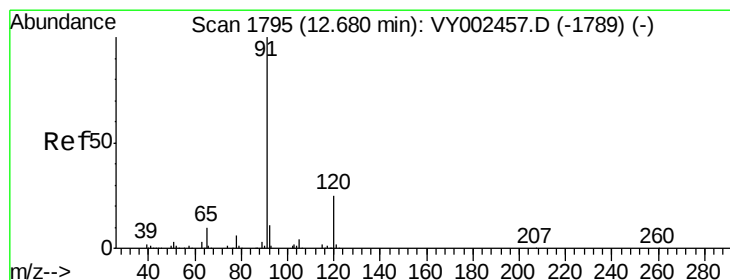
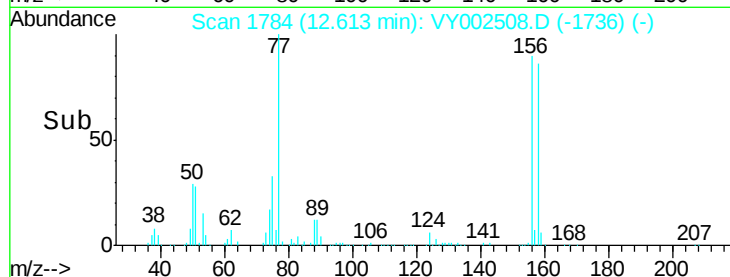
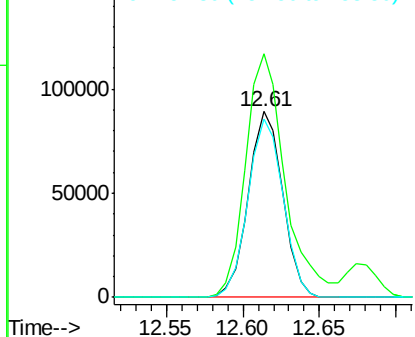
#77
Bromobenzene
Concen: 51.206 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 139865
Ion Ratio Lower Upper
156 100
77 149.1 78.5 235.7
158 98.0 48.4 145.3

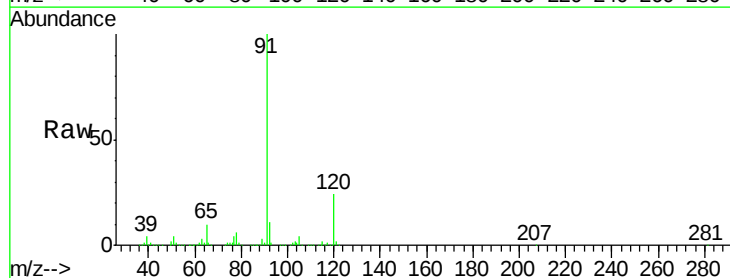


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

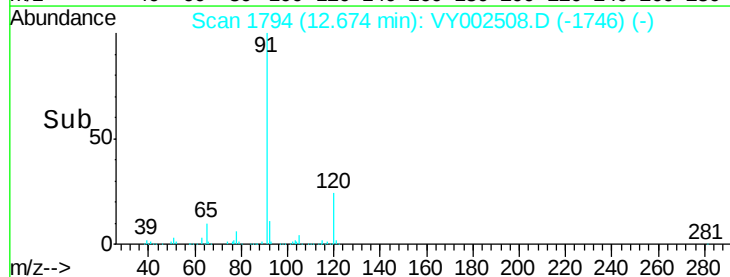
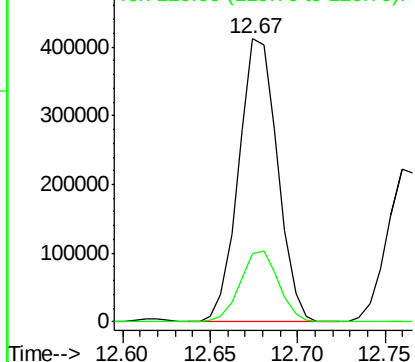


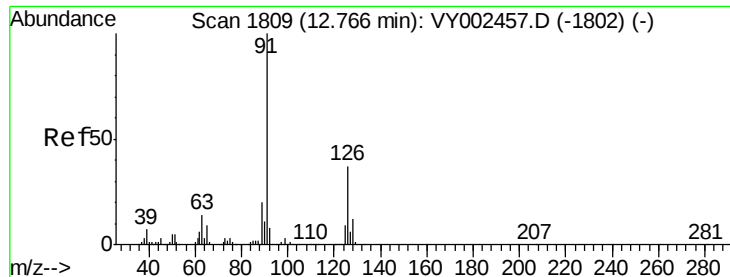
#78
n-propylbenzene
Concen: 50.189 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion: 91 Resp: 634638
Ion Ratio Lower Upper
91 100
120 24.8 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: 50.547 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

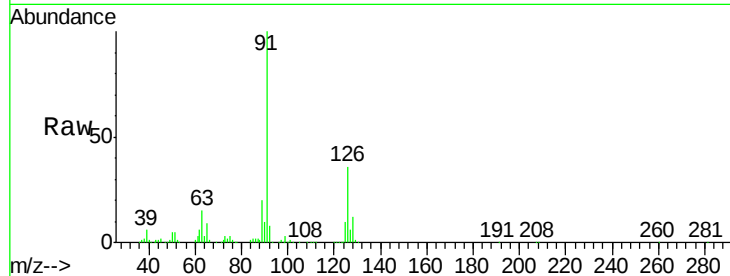
VSTDCCC050EC

Tot Ion: 91 Resp: 349749

Ion Ratio Lower Upper

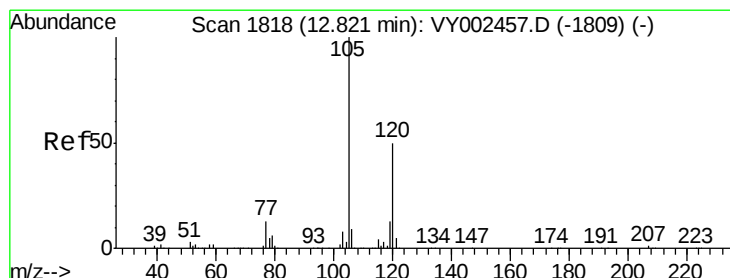
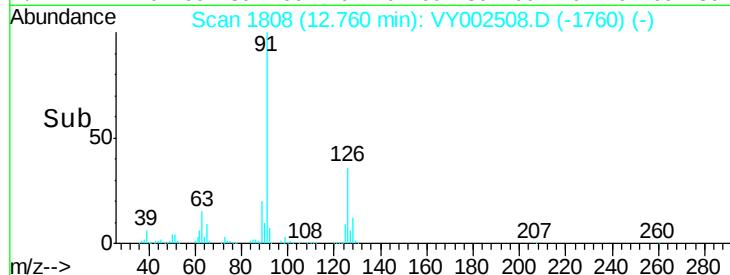
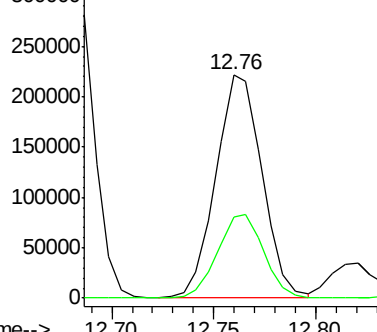
91 100

126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.663 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002508.D

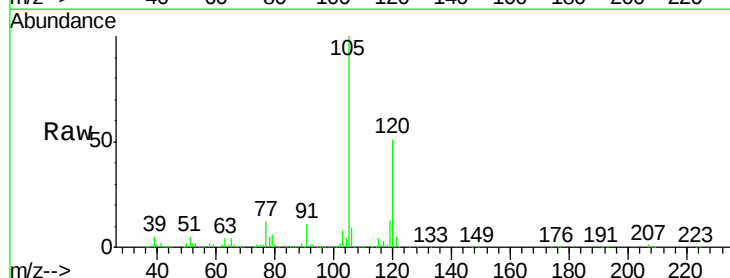
Acq: 29 Apr 2020 15:35

Tgt Ion:105 Resp: 477537

Ion Ratio Lower Upper

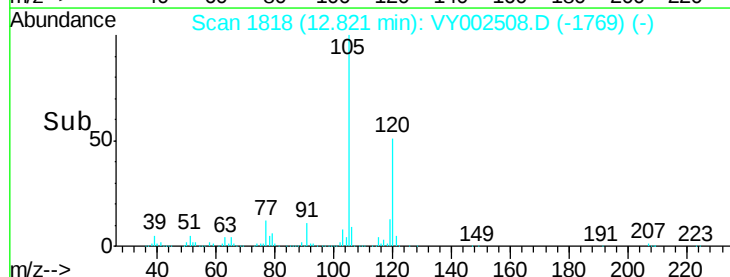
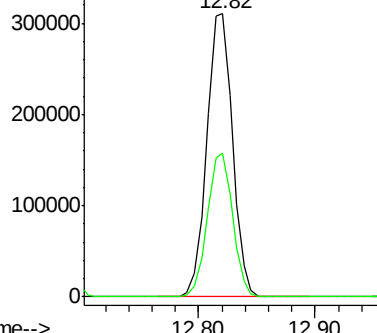
105 100

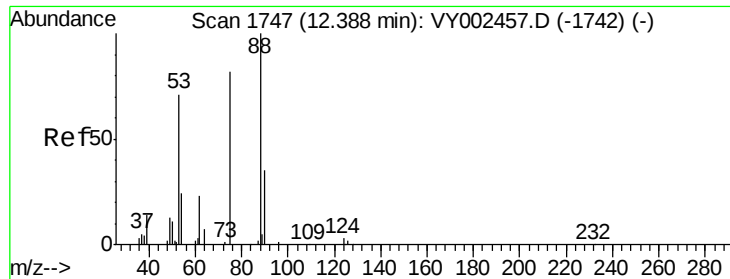
120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

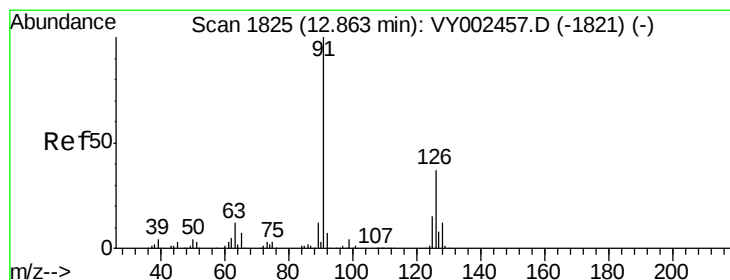
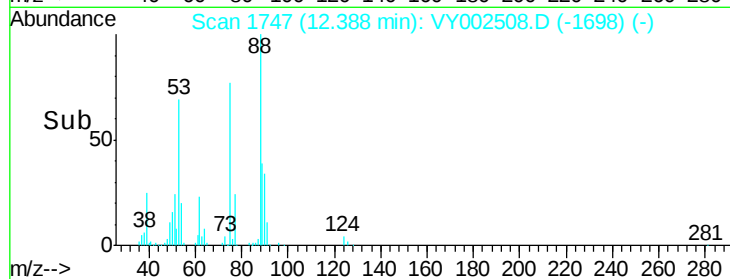
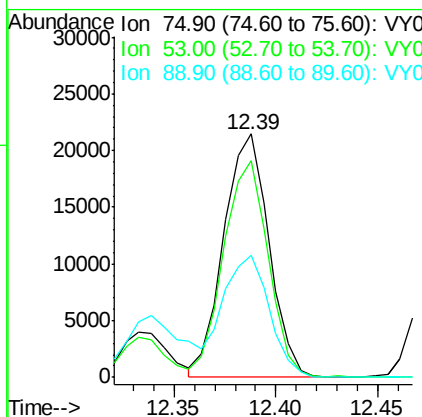
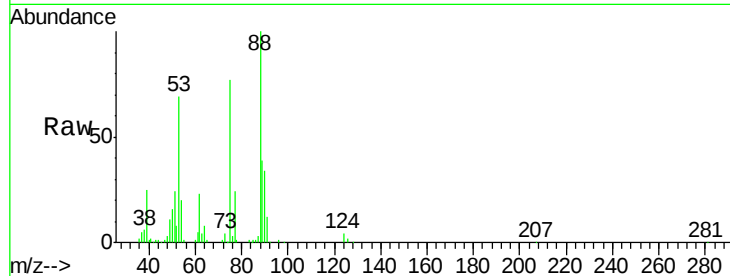




#81
trans-1,4-Dichloro-2-butene
Concen: 44.190 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

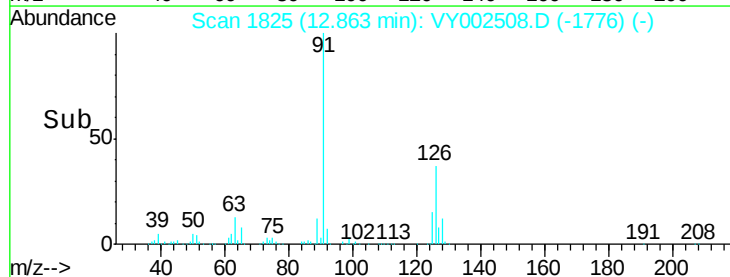
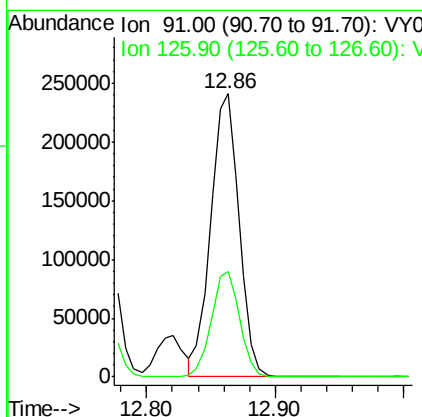
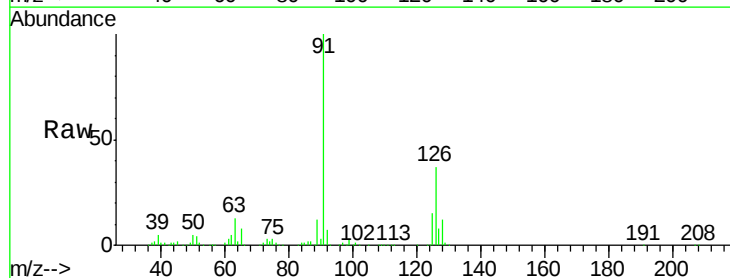
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

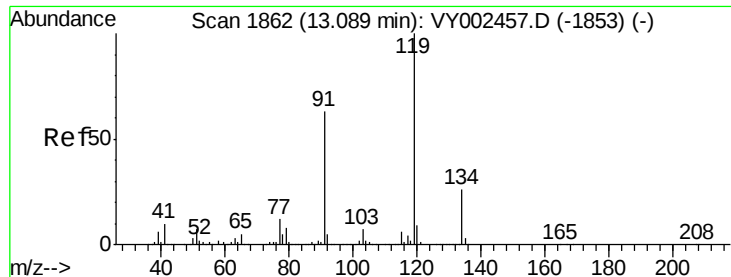
Tot Ion: 75 Resp: 32971
Ion Ratio Lower Upper
75 100
53 87.9 70.0 105.0
89 51.3 34.9 52.3



#82
4-Chlorotoluene
Concen: 51.880 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion: 91 Resp: 371016
Ion Ratio Lower Upper
91 100
126 37.4 18.5 55.5

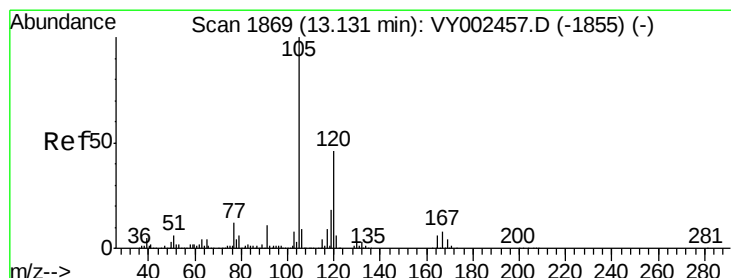
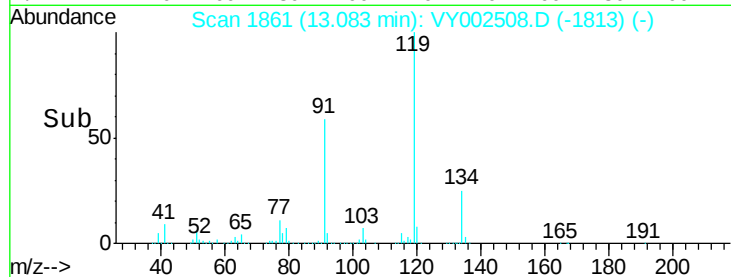
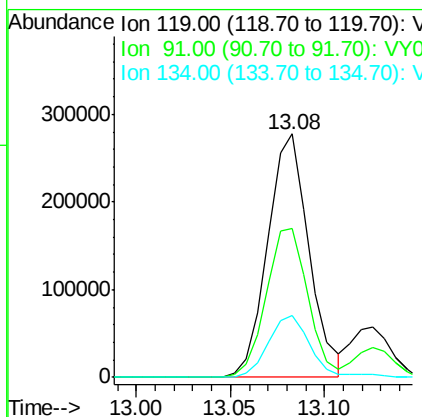
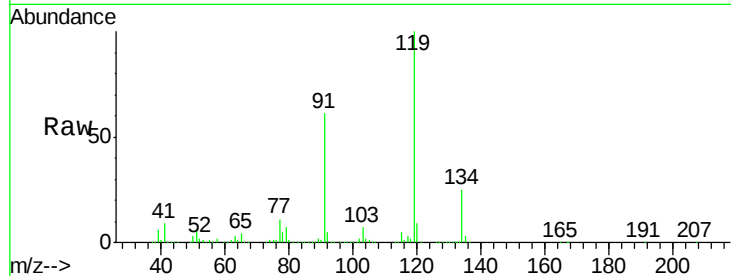




#83
 tert-Butylbenzene
 Concen: 52.695 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

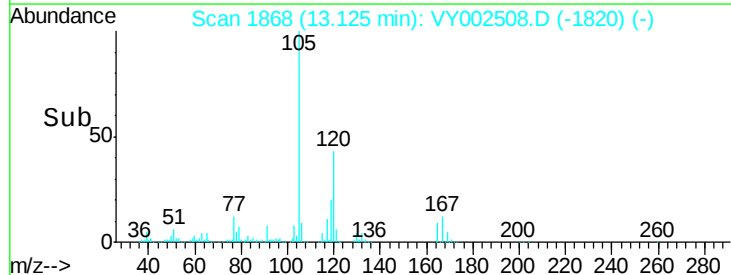
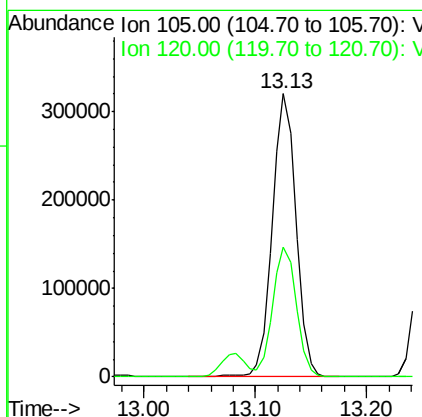
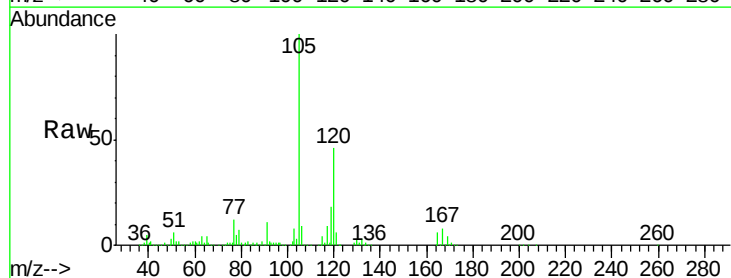
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 422971
 Ion Ratio Lower Upper
 119 100
 91 61.9 30.8 92.3
 134 26.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.531 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion:105 Resp: 474725
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2

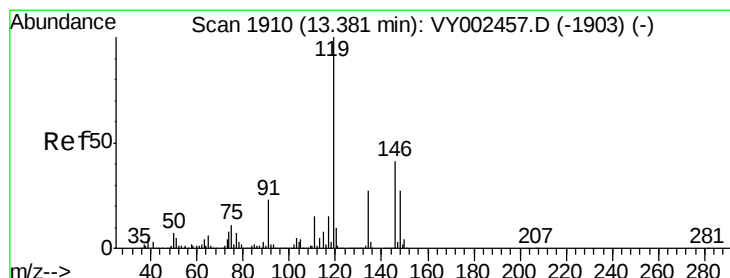
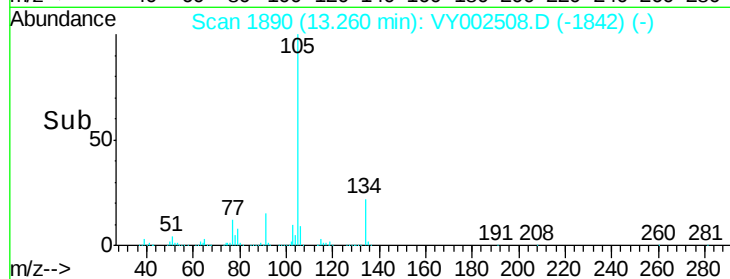
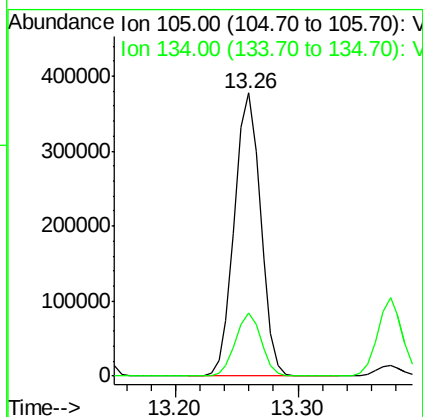
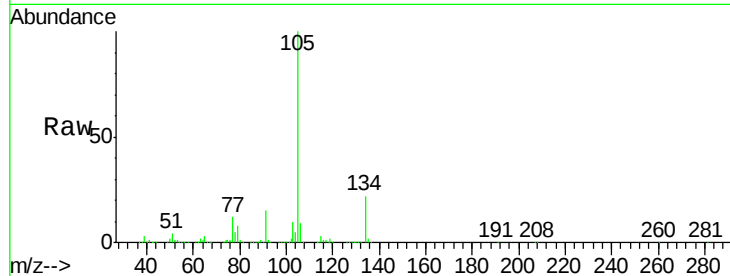




#85
 sec-Butylbenzene
 Concen: 52.014 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

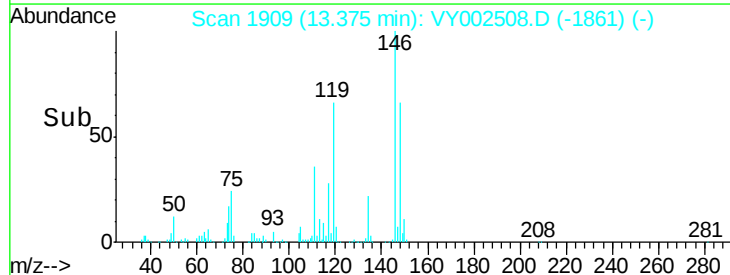
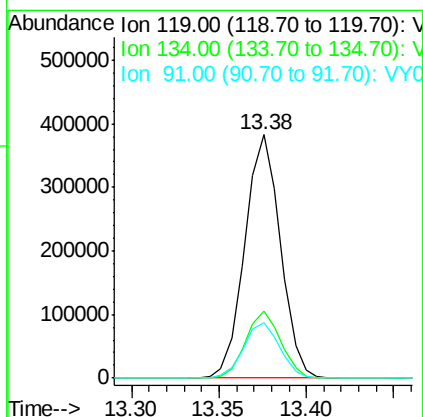
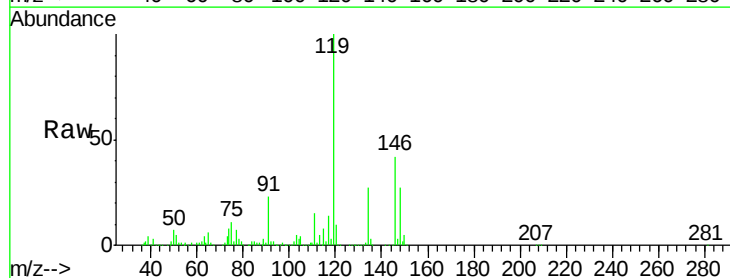
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

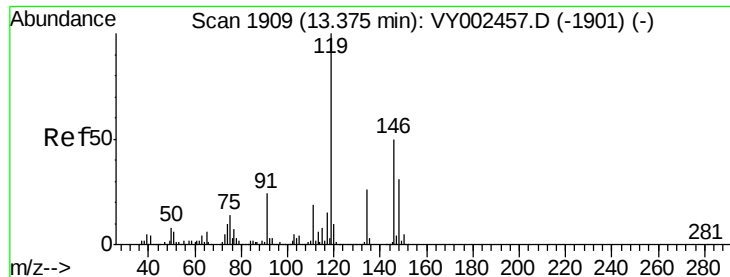
Tot Ion:105 Resp: 559045
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 52.735 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion:119 Resp: 540522
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.5
 91 23.0 11.5 34.4

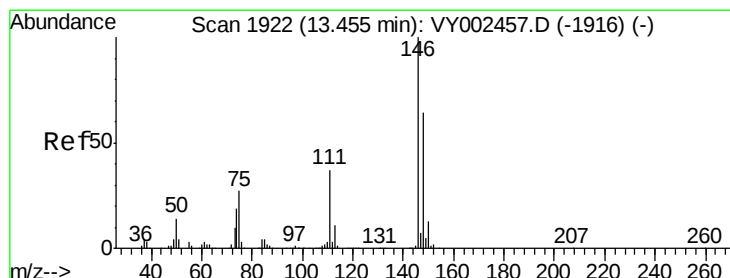
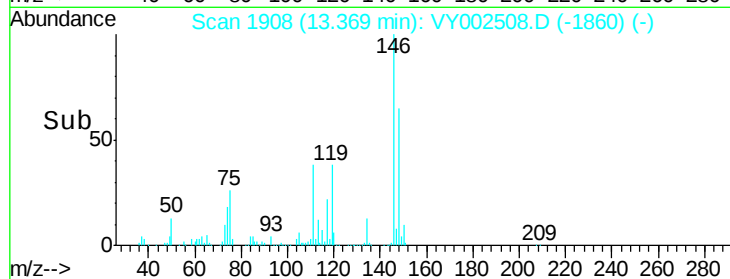
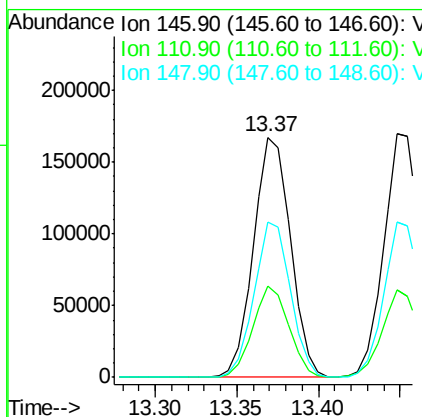
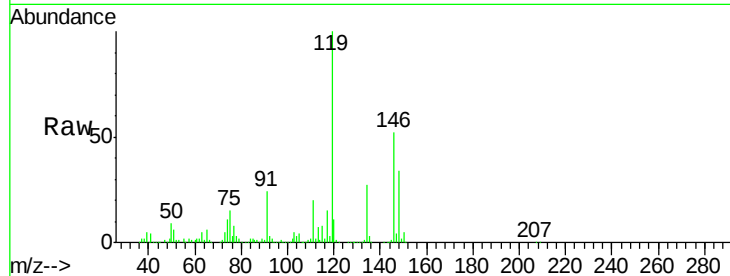




#87
 1,3-Dichlorobenzene
 Concen: 52.275 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

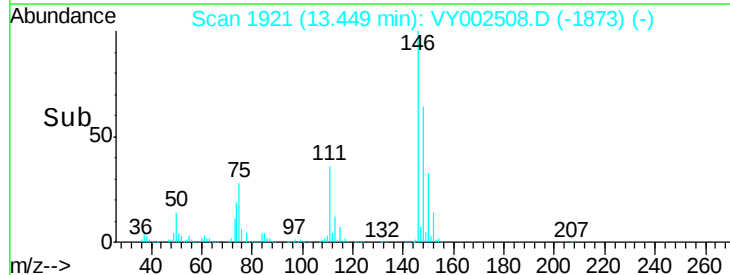
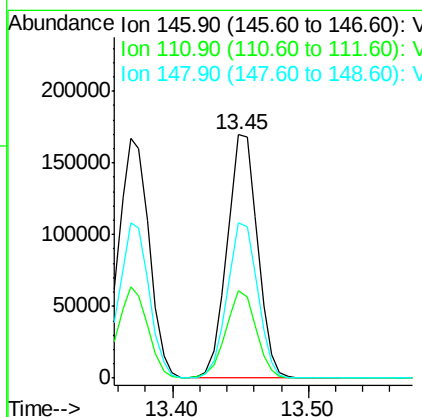
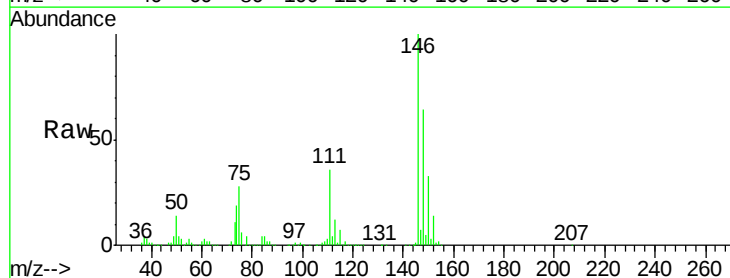
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

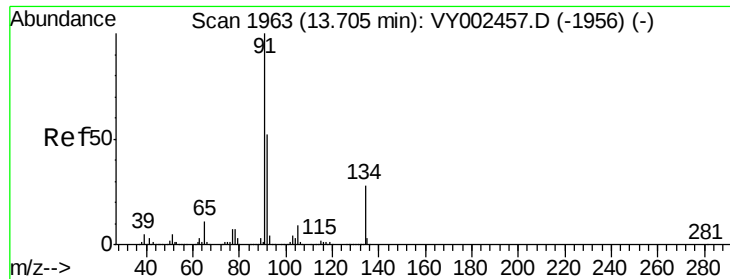
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	63.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.506 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	63.7	32.1	96.5

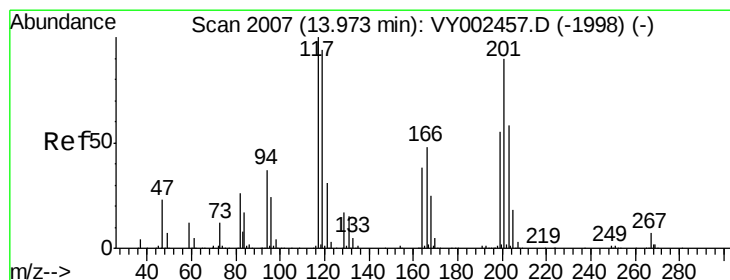
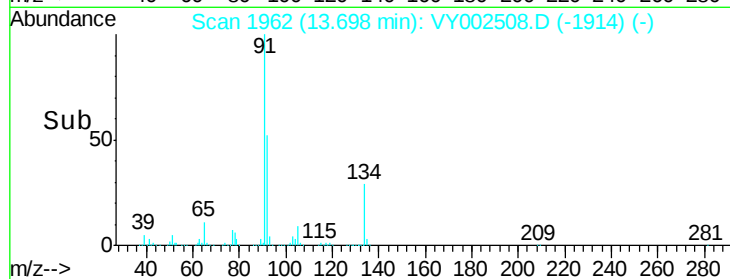
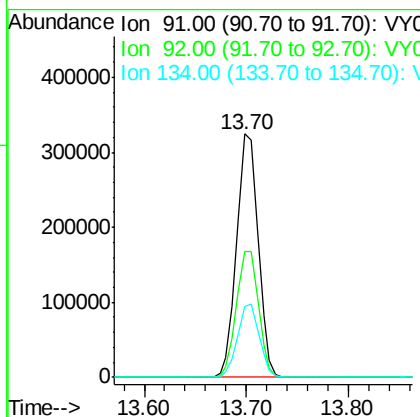
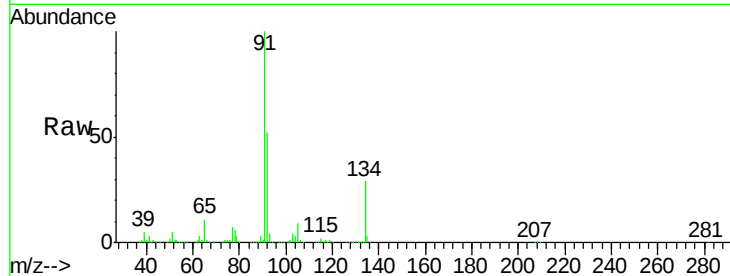




#89
n-Butylbenzene
Concen: 49.851 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

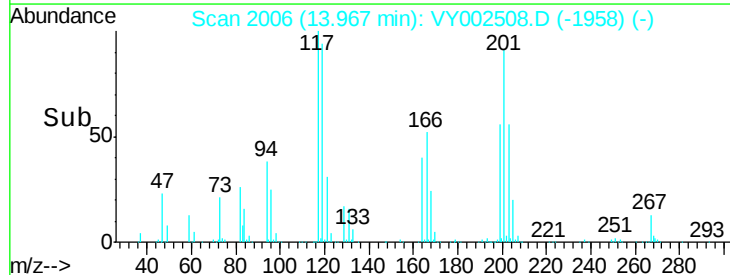
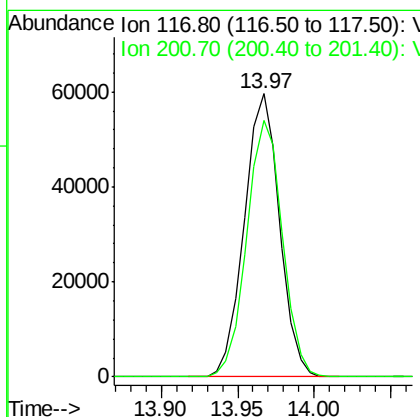
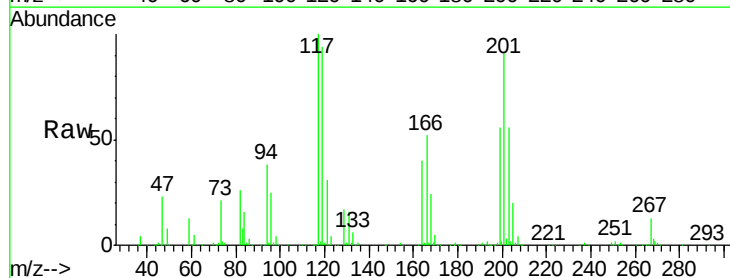
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

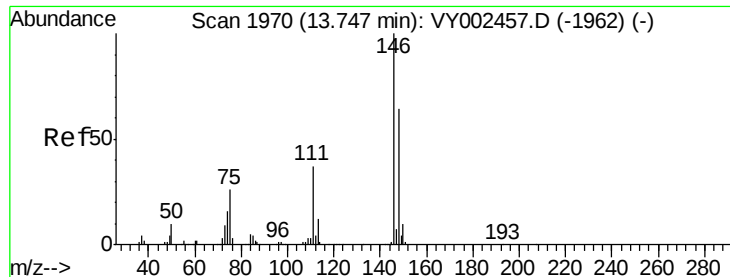
Tot Ion: 91 Resp: 471369
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.4
134 30.1 14.3 42.9



#90
Hexachloroethane
Concen: 51.498 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002508.D
Acq: 29 Apr 2020 15:35

Tgt Ion: 117 Resp: 95407
Ion Ratio Lower Upper
117 100
201 91.6 44.4 133.1

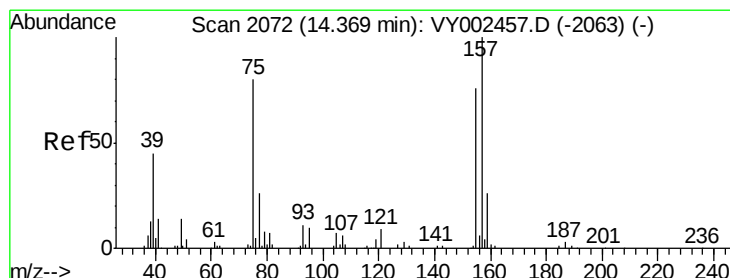
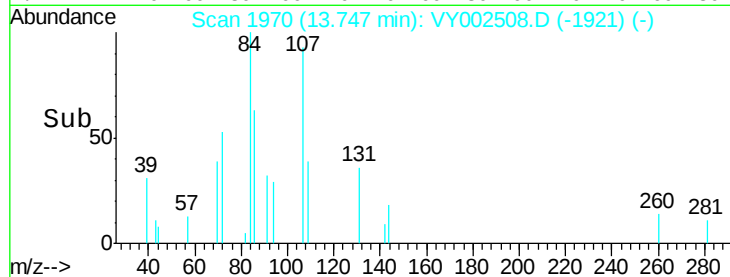
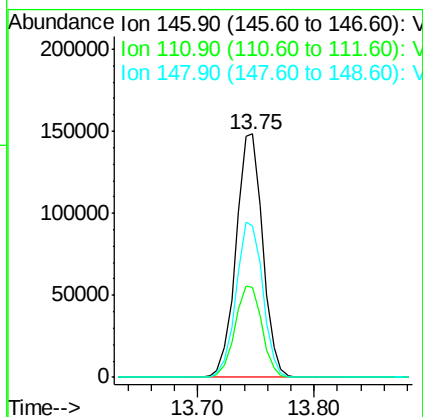
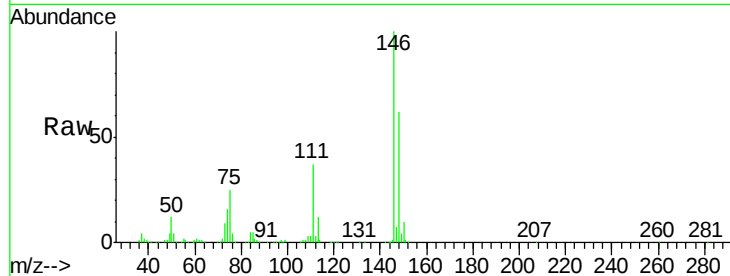




#91
 1,2-Dichlorobenzene
 Concen: 54.299 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

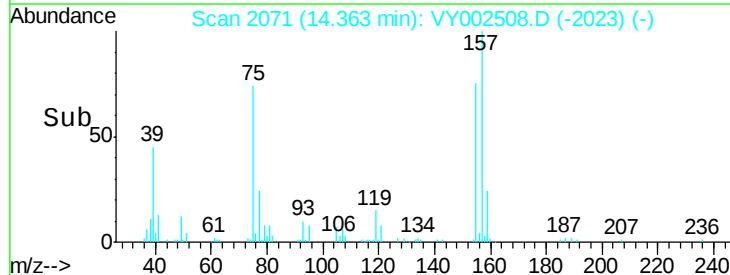
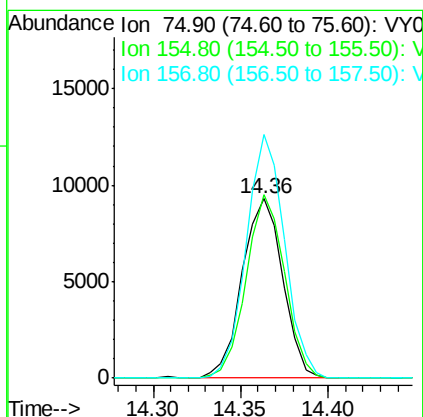
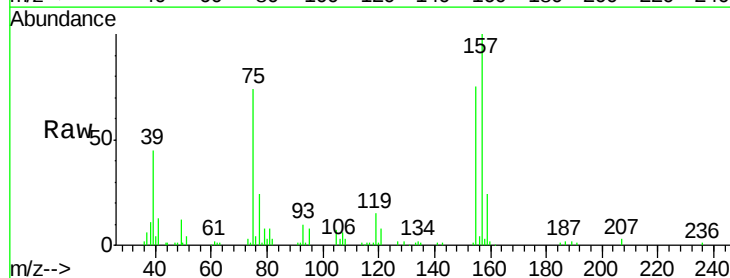
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

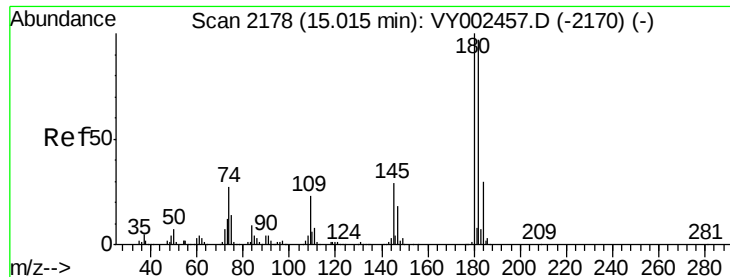
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	63.9	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.469 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	49.6	149.0
157	127.9	62.6	187.9

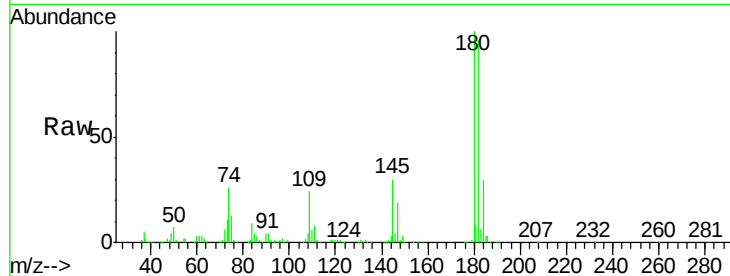




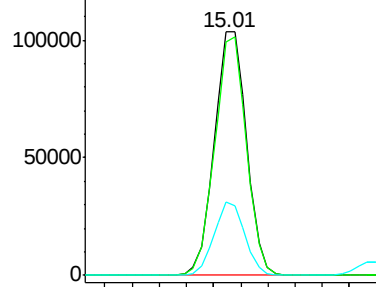
#93
 1,2,4-Trichlorobenzene
 Concen: 49.937 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

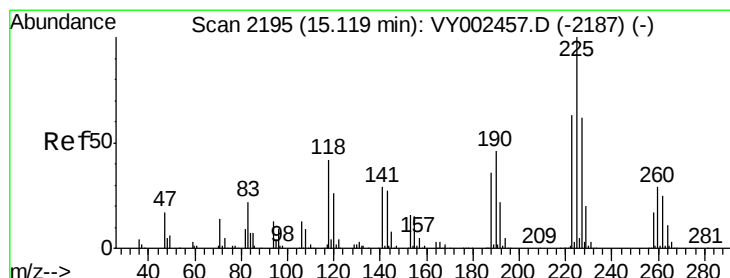
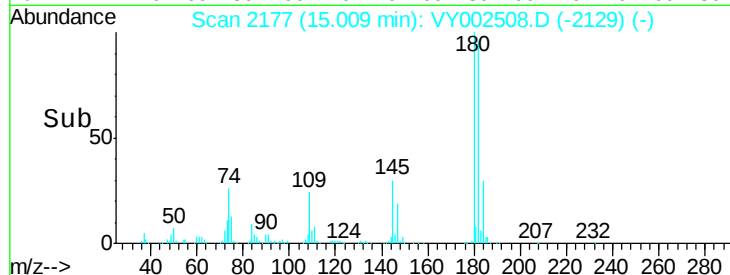
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.7
145	28.8	14.2	42.6



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

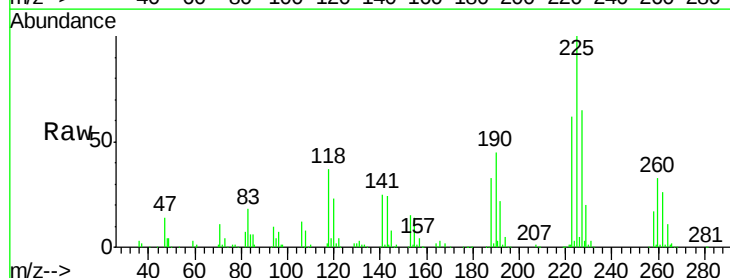


Time-->

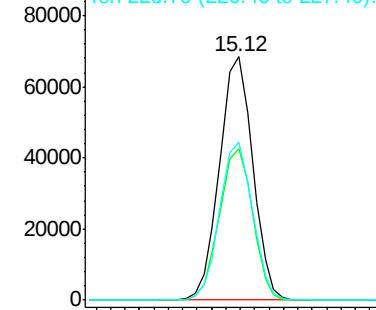


#94
 Hexachlorobutadiene
 Concen: 52.763 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002508.D
 Acq: 29 Apr 2020 15:35

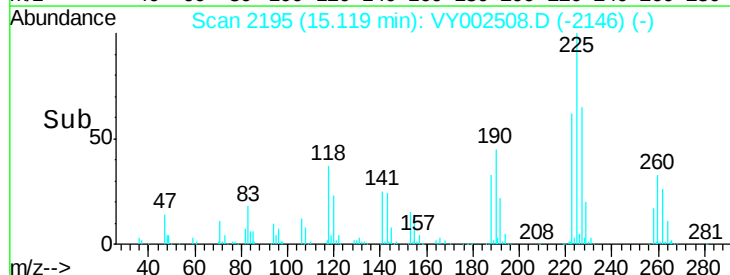
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.3
227	64.1	31.5	94.5

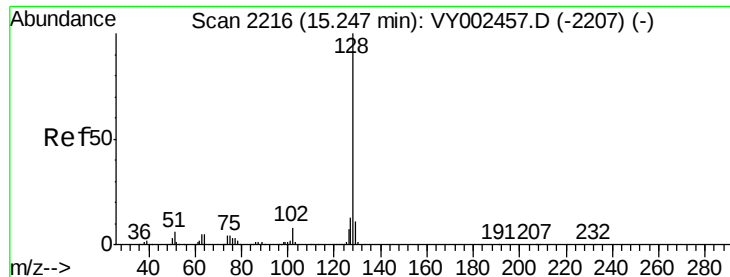


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 47.087 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

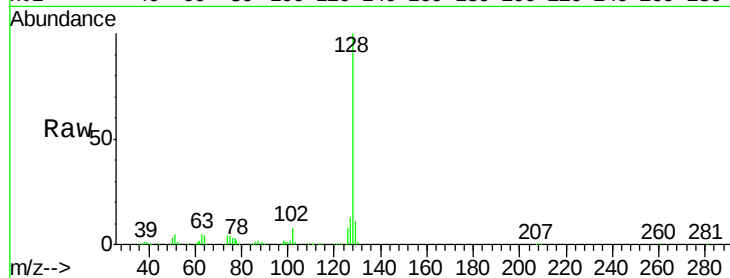
Tot Ion:128 Resp: 299865

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

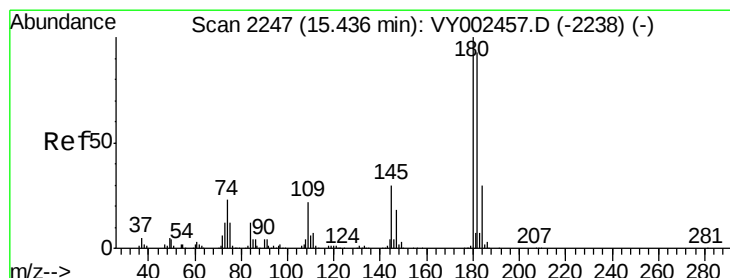
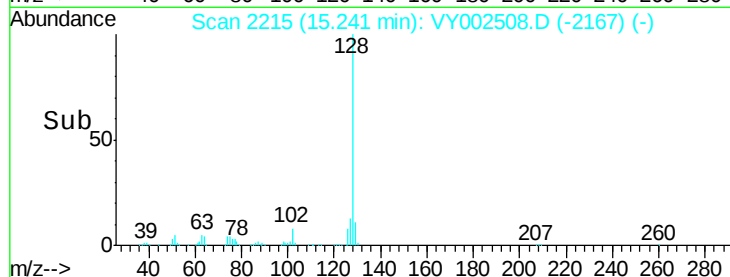
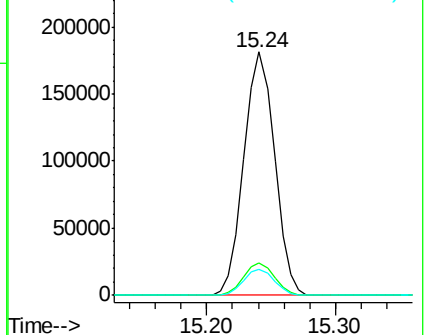
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.776 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002508.D

Acq: 29 Apr 2020 15:35

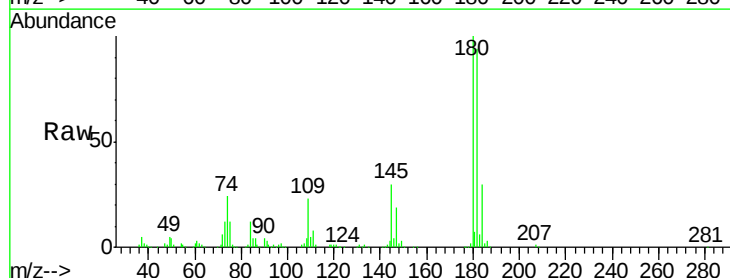
Tgt Ion:180 Resp: 144972

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

145 30.6 15.3 45.9



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

