

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
 Data File : VY002693.D
 Acq On : 15 May 2020 12:12
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 12:58:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 15 12:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	368444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	543795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	496328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	259626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	54405	17.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.32%	
35) Dibromofluoromethane	7.72	113	58293	18.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.54%	
50) Toluene-d8	10.18	98	234069	19.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.42%	
62) 4-Bromofluorobenzene	12.48	95	80208	19.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56470	21.224	ug/l	98
3) Chloromethane	2.12	50	63888	21.957	ug/l	100
4) Vinyl Chloride	2.25	62	66694	20.103	ug/l	99
5) Bromomethane	2.64	94	45976	19.576	ug/l	92
6) Chloroethane	2.79	64	41159	20.327	ug/l	98
7) Trichlorofluoromethane	3.13	101	106626	20.174	ug/l	94
8) Diethyl Ether	3.53	74	35295	19.670	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	65414	20.252	ug/l	99
10) Methyl Iodide	4.10	142	89253	20.245	ug/l	100
11) Tert butyl alcohol	4.96	59	27040	85.694	ug/l	98
12) 1,1-Dichloroethene	3.88	96	64845	20.522	ug/l	96
13) Acrolein	3.74	56	33866	142.111	ug/l	99
14) Allyl chloride	4.49	41	93129	20.306	ug/l	99
15) Acrylonitrile	5.18	53	76796	91.085	ug/l	97
16) Acetone	3.96	43	53379	84.321	ug/l	96
17) Carbon Disulfide	4.19	76	204407	21.491	ug/l	99
18) Methyl Acetate	4.49	43	32189	15.543	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	155475	18.915	ug/l	99
20) Methylene Chloride	4.72	84	73518	20.550	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	72039	20.787	ug/l	97
22) Diisopropyl ether	6.13	45	186145	20.020	ug/l	97
23) Vinyl Acetate	6.07	43	577830	98.588	ug/l	99
24) 1,1-Dichloroethane	6.03	63	111619	20.315	ug/l	99
25) 2-Butanone	6.99	43	91493	88.445	ug/l	98
26) 2,2-Dichloropropane	6.99	77	102494	19.673	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	78873	20.545	ug/l	99
28) Bromochloromethane	7.34	49	45088	20.101	ug/l	99
29) Tetrahydrofuran	7.35	42	63801	92.775	ug/l	98
30) Chloroform	7.52	83	114744	20.001	ug/l	99
31) Cyclohexane	7.79	56	111638	20.151	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	106725	20.088	ug/l	99
36) 1,1-Dichloropropene	7.93	75	92430	20.397	ug/l	99
37) Ethyl Acetate	7.08	43	42751	18.315	ug/l	100
38) Carbon Tetrachloride	7.91	117	100364	20.276	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	124002	20.637	ug/l	97
40) Benzene	8.17	78	271649	20.637	ug/l	99
41) Methacrylonitrile	7.35	41	57355	45.739	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	69785	19.137	ug/l	100
43) Isopropyl Acetate	8.28	43	80582	18.460	ug/l	98
44) Trichloroethene	8.94	130	85899	20.785	ug/l	97
45) 1,2-Dichloropropane	9.22	63	63782	20.176	ug/l	99
46) Dibromomethane	9.31	93	34948	19.208	ug/l	98
47) Bromodichloromethane	9.50	83	87061	19.660	ug/l	96
48) Methyl methacrylate	9.30	41	36252	18.375	ug/l	98
49) 1,4-Dioxane	9.30	88	9496	395.036	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	206738	92.215	ug/l	99
52) Toluene	10.24	92	175670	20.765	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	91886	19.816	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	108438	20.166	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	53014	19.974	ug/l	99
56) Ethyl methacrylate	10.51	69	69278	19.588	ug/l	99
57) 1,3-Dichloropropane	10.79	76	88272	19.624	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	167742	89.616	ug/l	99
59) 2-Hexanone	10.83	43	142808	92.505	ug/l	98
60) Dibromochloromethane	10.99	129	66931	19.734	ug/l	99
61) 1,2-Dibromoethane	11.09	107	51480	19.514	ug/l	99
64) Tetrachloroethene	10.72	164	95102	21.437	ug/l	96
65) Chlorobenzene	11.52	112	193098	20.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	70405	20.157	ug/l	98
67) Ethyl Benzene	11.59	91	340089	20.611	ug/l	100
68) m/p-Xylenes	11.70	106	264383	41.342	ug/l	99
69) o-Xylene	12.03	106	124440	20.729	ug/l	99
70) Styrene	12.04	104	212337	20.715	ug/l	99
71) Bromoform	12.20	173	43247	19.961	ug/l #	99
73) Isopropylbenzene	12.33	105	340044	20.321	ug/l	100
74) N-amyl acetate	12.14	43	75252	18.800	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	47811	18.213	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	78656	34.945	ug/l #	100
77) Bromobenzene	12.61	156	83213	19.907	ug/l	98
78) n-propylbenzene	12.67	91	399447	20.571	ug/l	99
79) 2-Chlorotoluene	12.75	91	218360	20.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	284723	20.509	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	21427	18.850	ug/l #	78
82) 4-Chlorotoluene	12.85	91	226338	20.052	ug/l	100
83) tert-Butylbenzene	13.08	119	252994	20.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	287699	20.773	ug/l	98
85) sec-Butylbenzene	13.25	105	348574	20.637	ug/l	100
86) p-Isopropyltoluene	13.37	119	327758	20.708	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	164226	20.711	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	161924	20.640	ug/l	99
89) n-Butylbenzene	13.69	91	297070	20.590	ug/l	100
90) Hexachloroethane	13.96	117	59286	20.490	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	144273	20.398	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8750	17.773	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri May 15 12:50:53 2020
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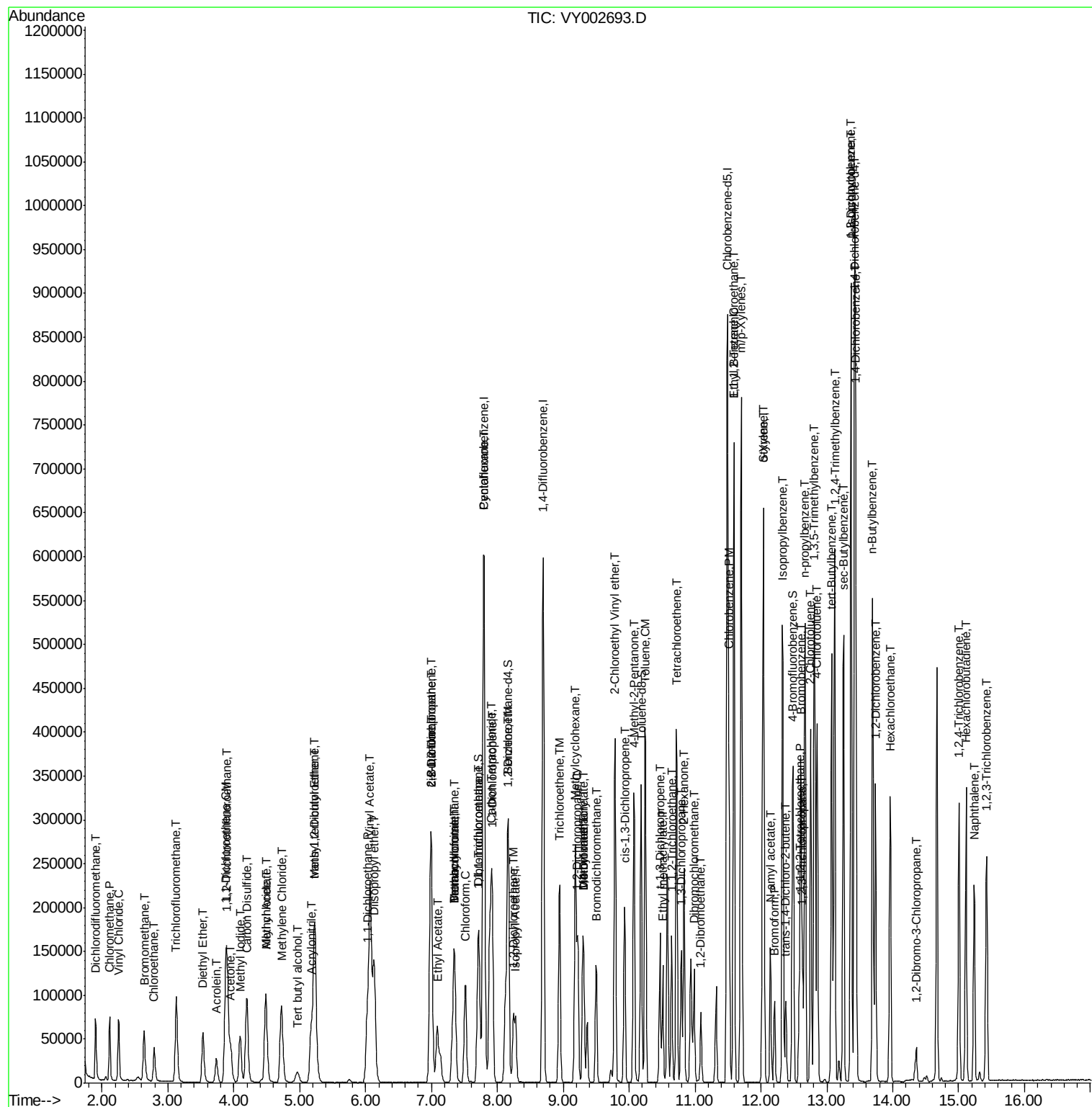
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	108447	21.021	ug/l	99
94) Hexachlorobutadiene	15.11	225	66921	21.572	ug/l	100
95) Naphthalene	15.23	128	184329	19.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	90665	20.730	ug/l	100

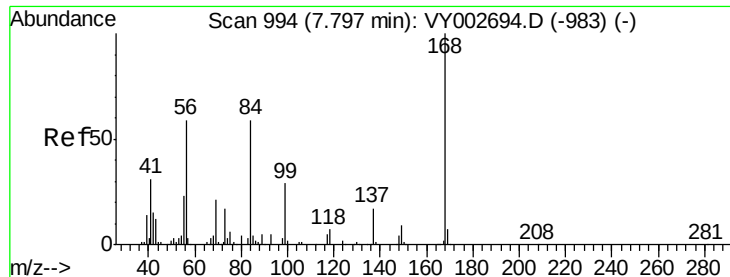
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

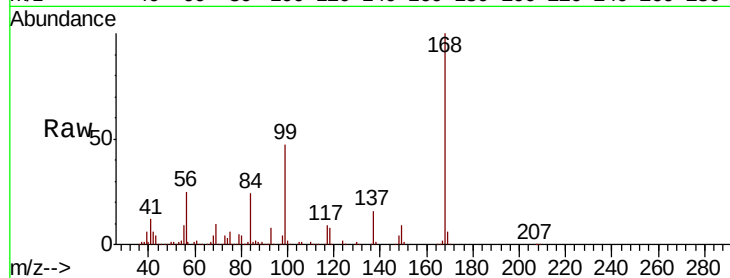
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 368444

Ion Ratio Lower Upper

168 100

99 47.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002693.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002693.D (-983) (-)

7.80

150000

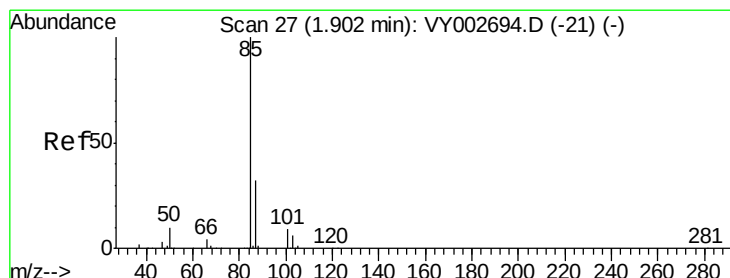
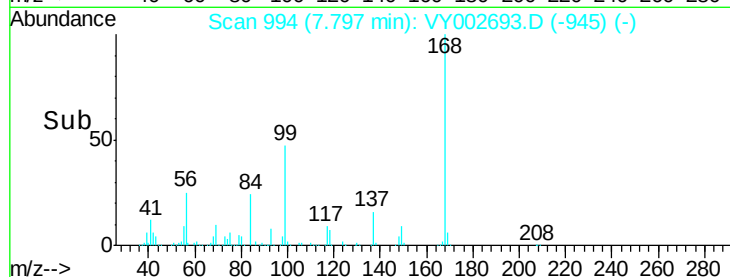
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.224 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002693.D

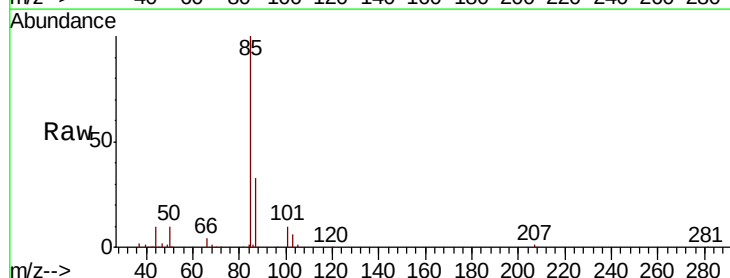
Acq: 15 May 2020 12:12

Tgt Ion: 85 Resp: 56470

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002693.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002693.D (-21) (-)

1.90

40000

30000

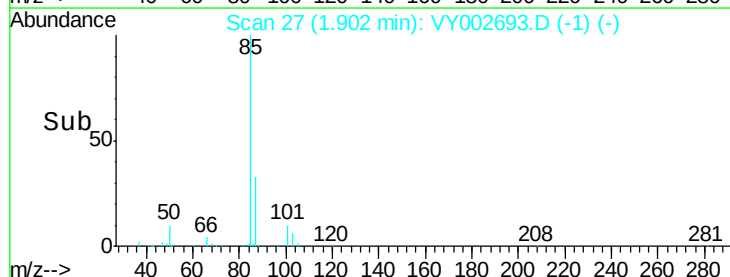
20000

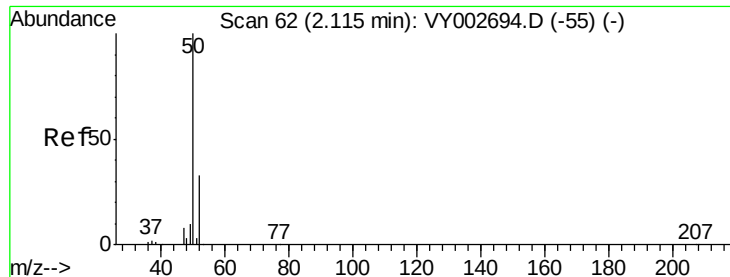
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.957 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

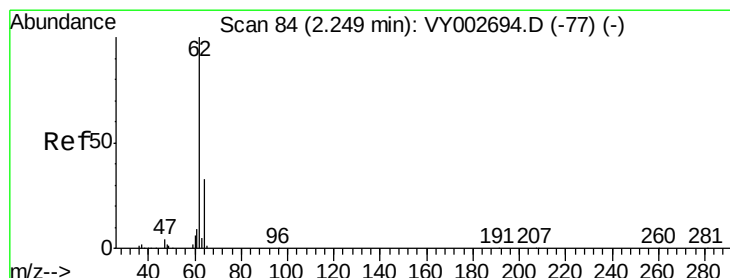
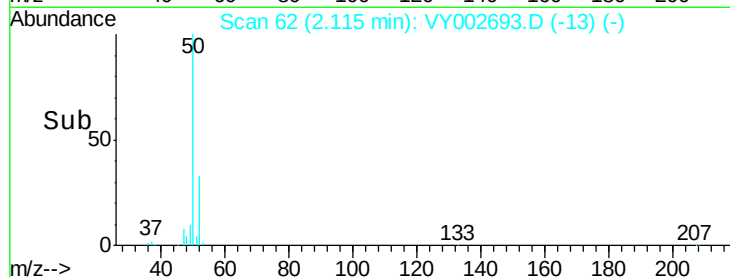
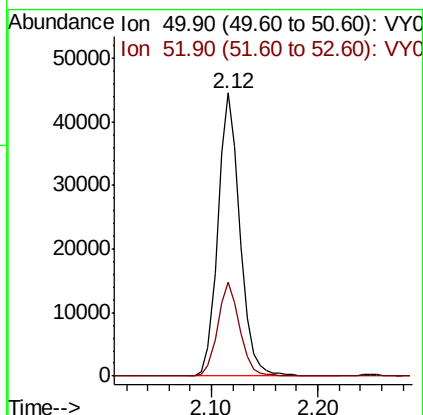
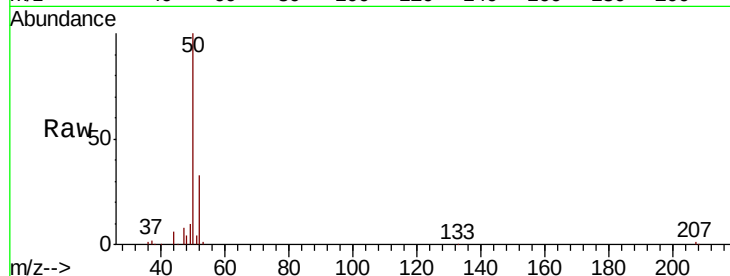
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 63888

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



#4

Vinyl Chloride

Concen: 20.103 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY002693.D

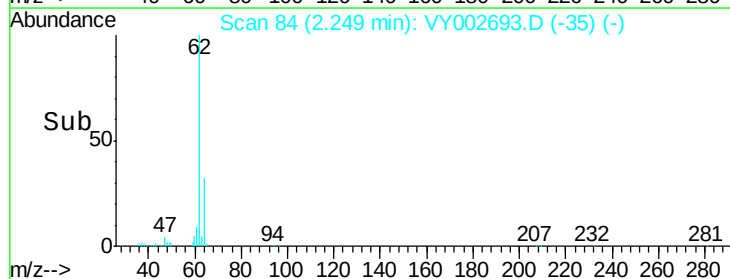
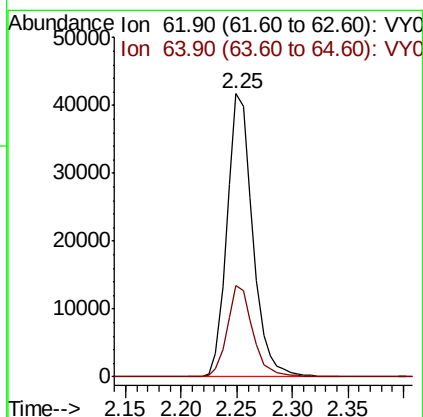
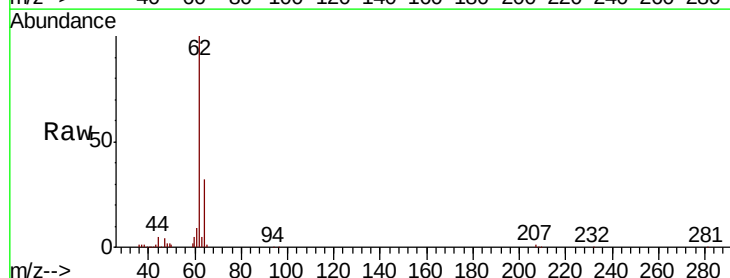
Acq: 15 May 2020 12:12

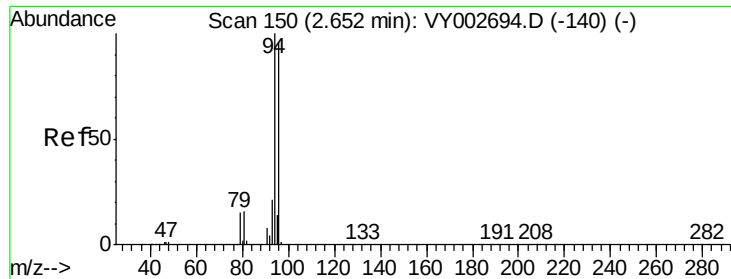
Tgt Ion: 62 Resp: 66694

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.4





#5

Bromomethane

Concen: 19.576 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

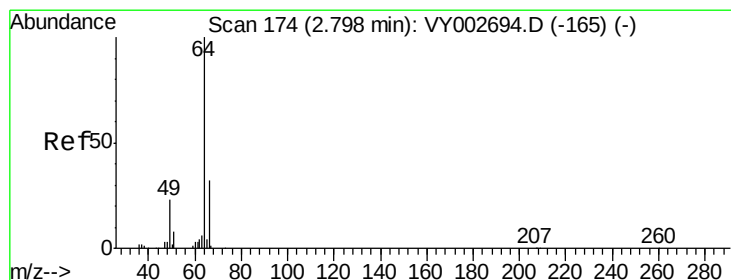
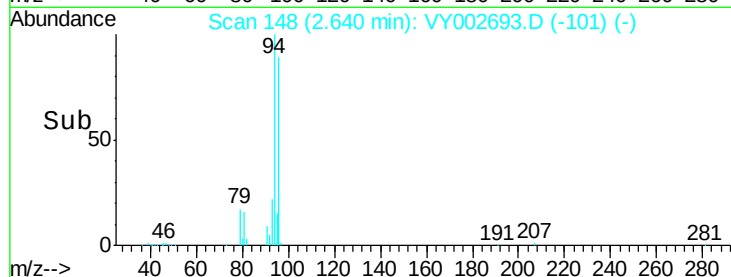
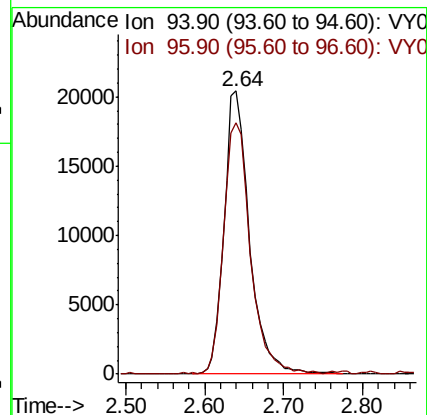
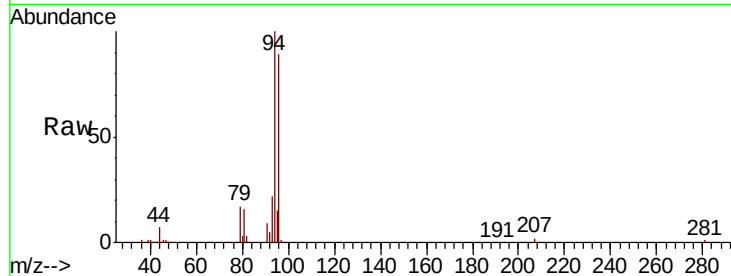
ClientSampleId :

Tot Ion: 94 Resp: 45976

Ion Ratio Lower Upper

94 100

96 88.1 76.8 115.2



#6

Chloroethane

Concen: 20.327 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002693.D

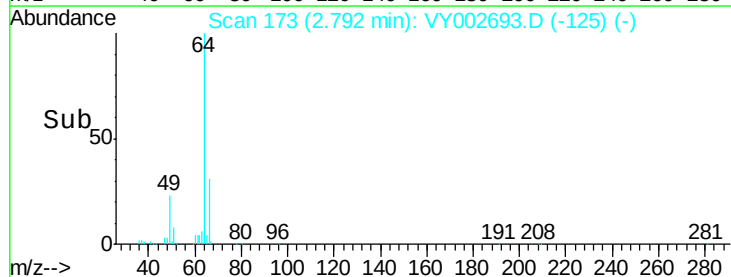
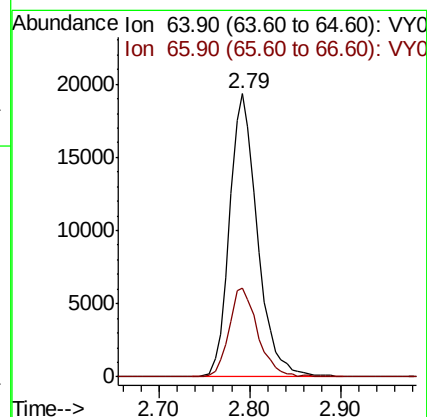
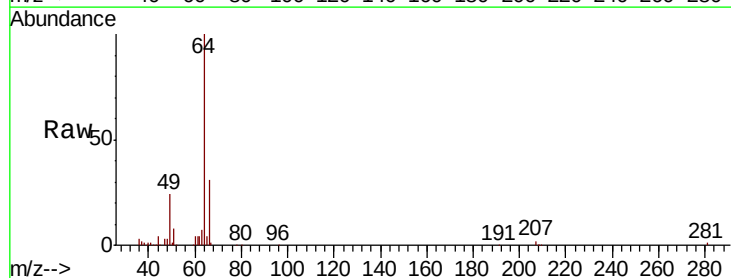
Acq: 15 May 2020 12:12

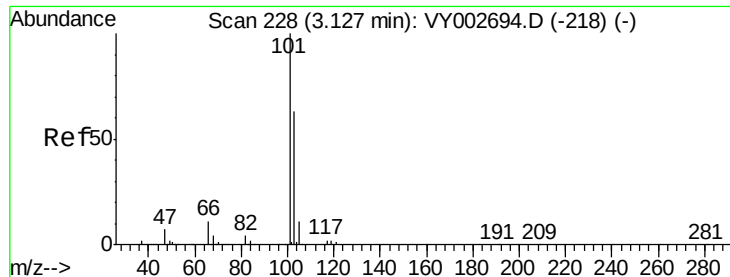
Tgt Ion: 64 Resp: 41159

Ion Ratio Lower Upper

64 100

66 31.0 25.9 38.9



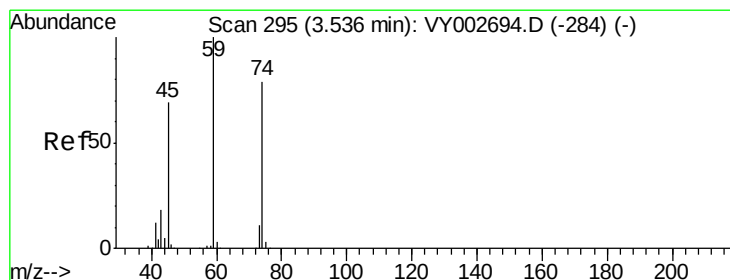
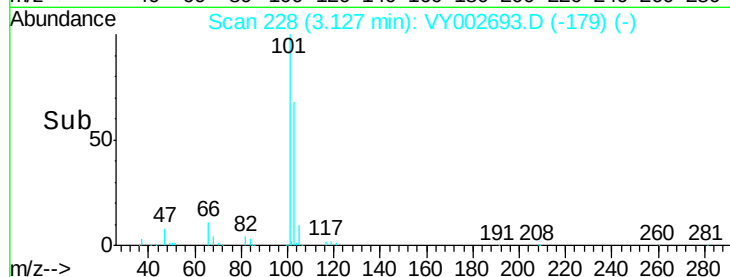
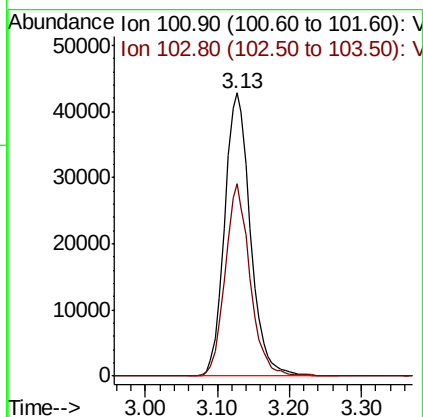
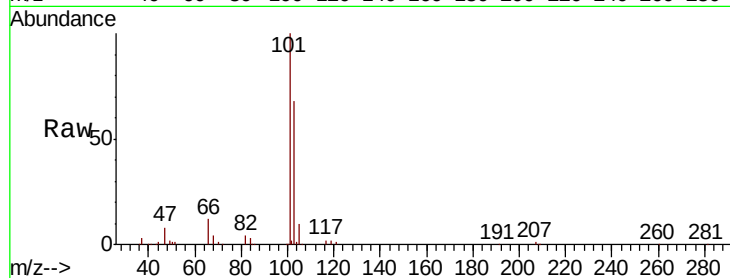


#7

Trichlorofluoromethane
Concen: 20.174 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

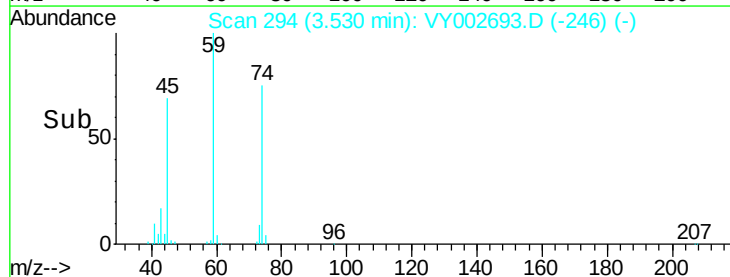
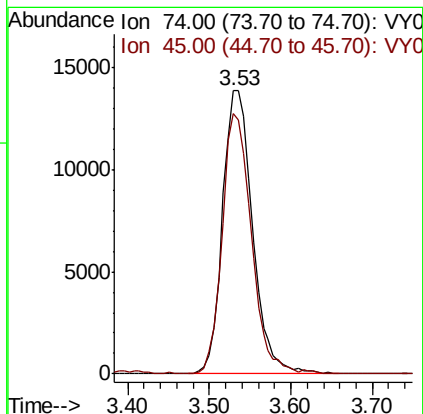
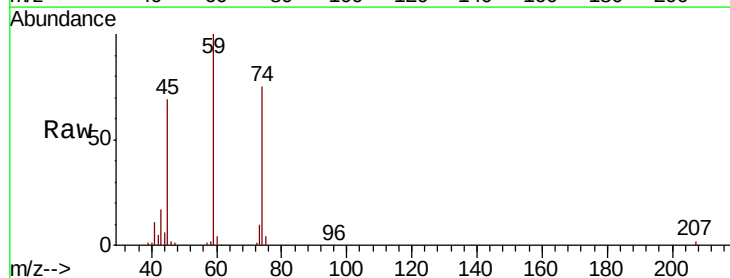
Tot Ion:101 Resp: 106626
Ion Ratio Lower Upper
101 100
103 68.0 50.6 75.8

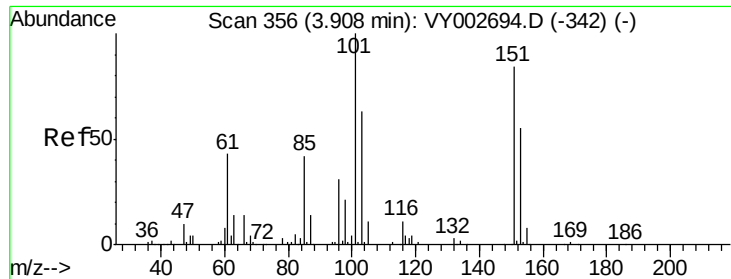


#8

Diethyl Ether
Concen: 19.670 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 74 Resp: 35295
Ion Ratio Lower Upper
74 100
45 89.2 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.252 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampled :

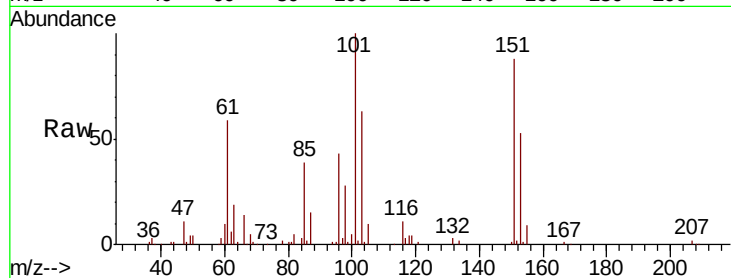
Tot Ion:101 Resp: 65414

Ion Ratio Lower Upper

101 100

85 41.1 33.5 50.3

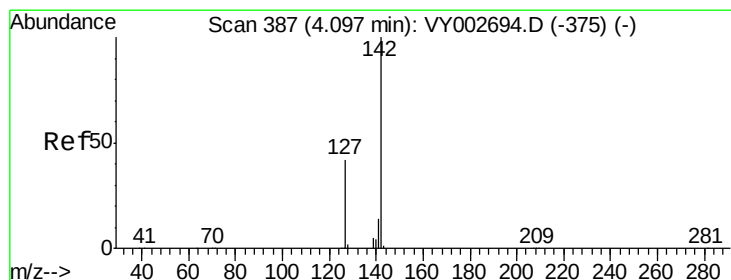
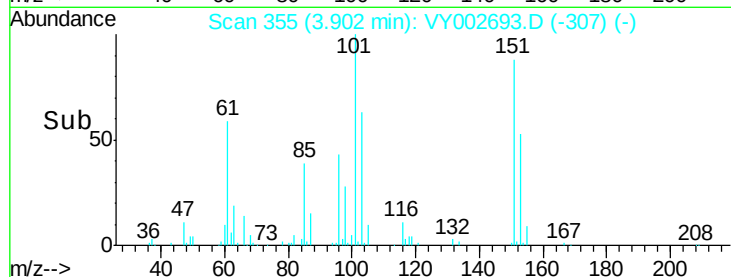
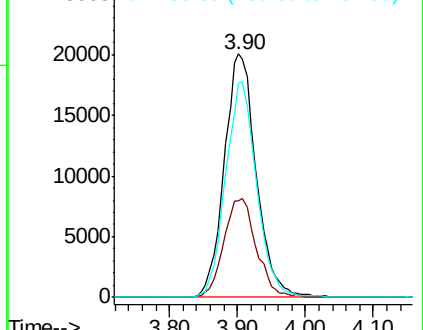
151 86.1 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.245 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

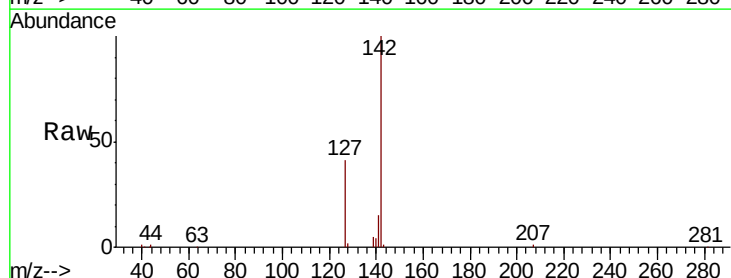
Tgt Ion:142 Resp: 89253

Ion Ratio Lower Upper

142 100

127 41.0 32.8 49.2

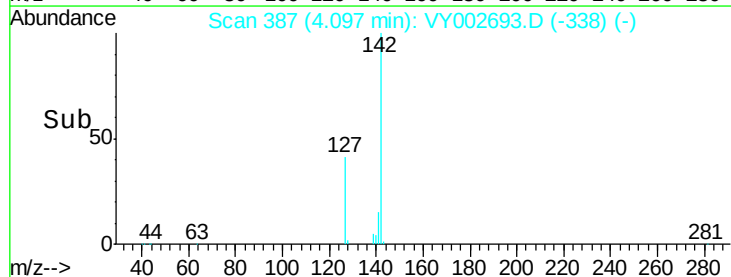
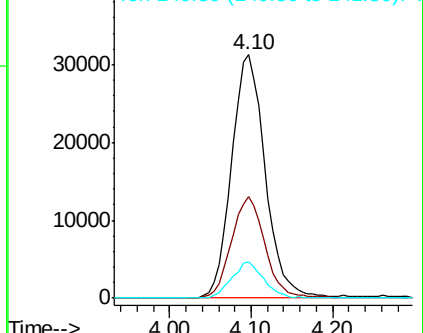
141 14.2 11.3 16.9

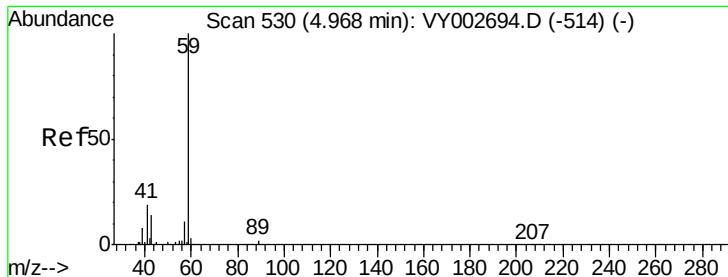


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



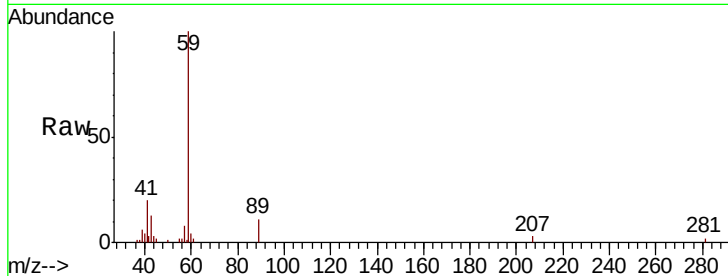


#11

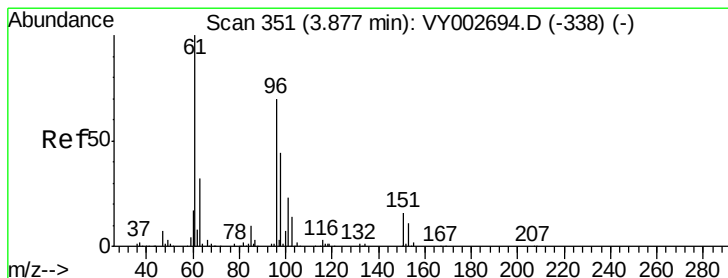
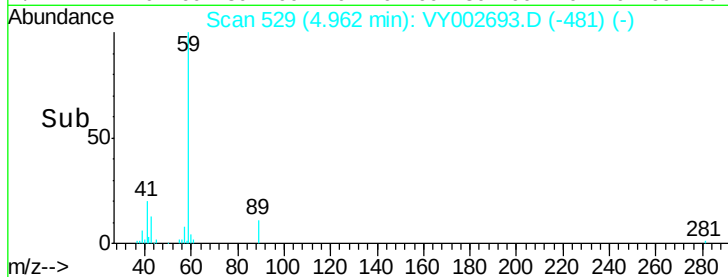
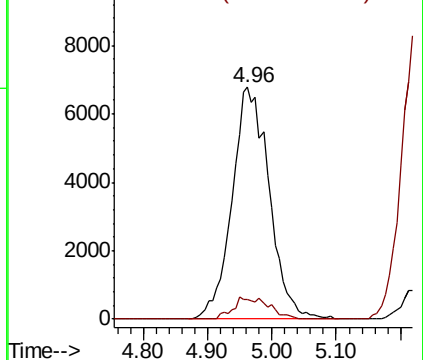
Tert butyl alcohol
Concen: 85.694 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 59 Resp: 27040
Ion Ratio Lower Upper
59 100
57 9.0 7.7 11.5



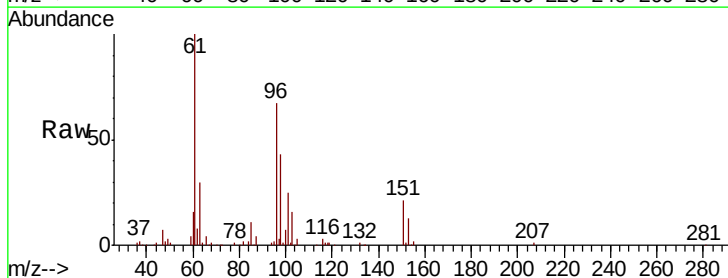
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



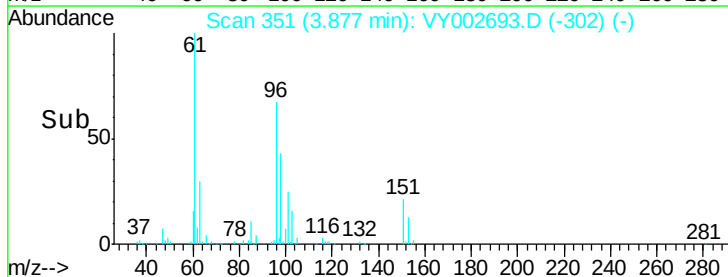
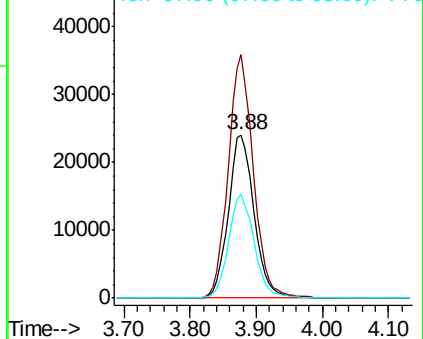
#12

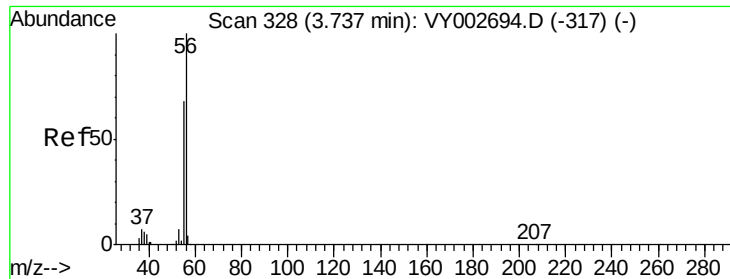
1,1-Dichloroethene
Concen: 20.522 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 96 Resp: 64845
Ion Ratio Lower Upper
96 100
61 148.9 113.8 170.8
98 63.9 50.4 75.6



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





#13

Acrolein

Concen: 142.111 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

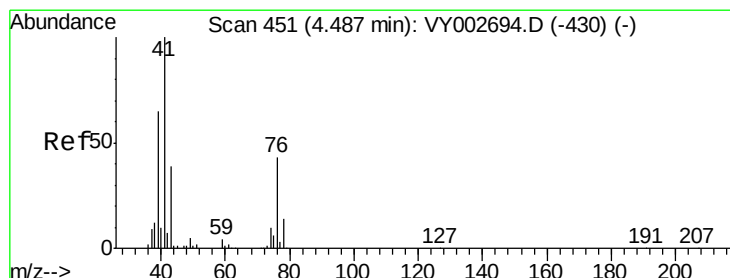
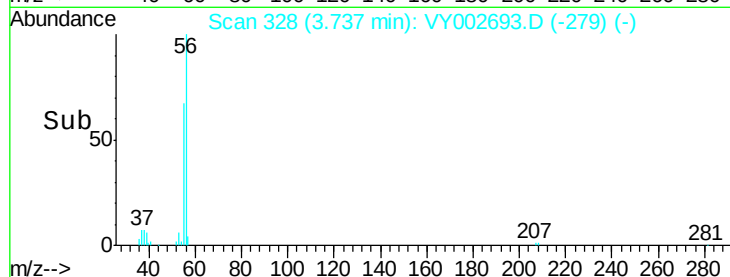
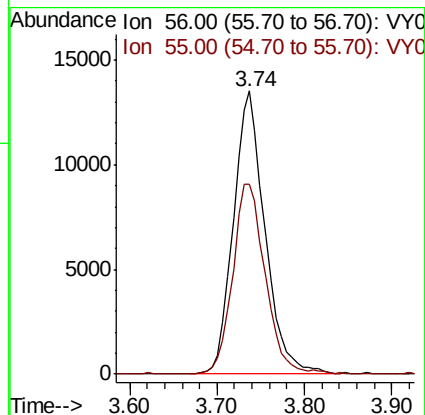
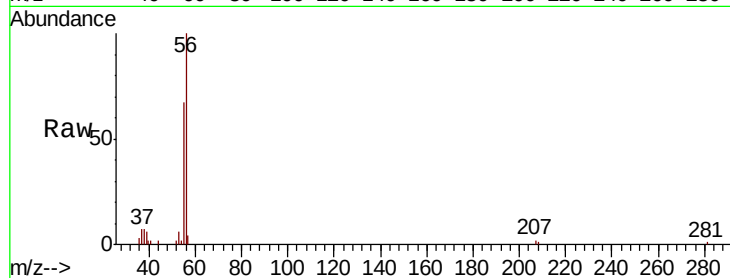
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 33866

Ion Ratio Lower Upper

56 100

55 69.6 54.8 82.2



#14

Allyl chloride

Concen: 20.306 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

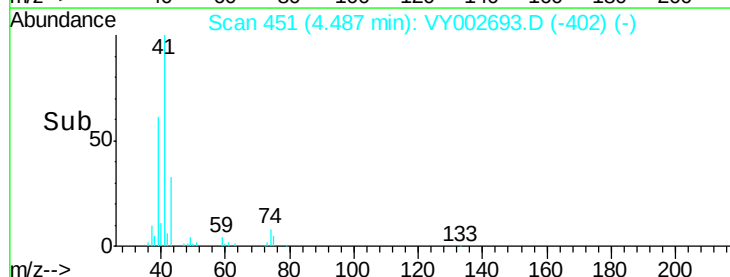
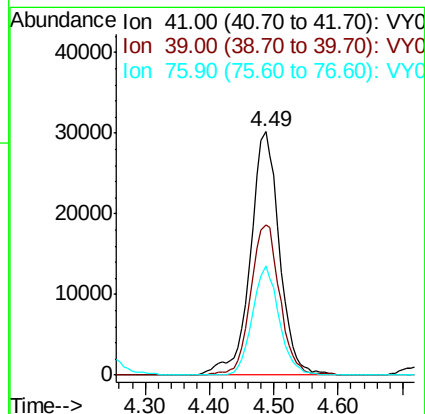
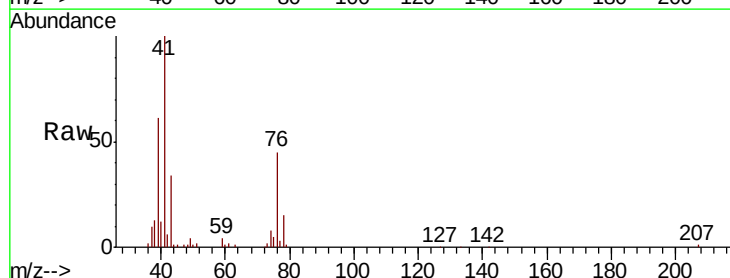
Tgt Ion: 41 Resp: 93129

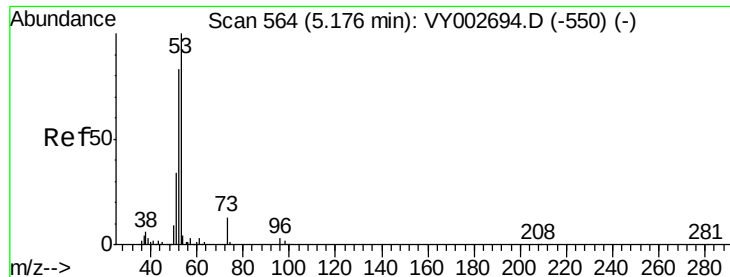
Ion Ratio Lower Upper

41 100

39 62.0 50.3 75.5

76 41.1 33.2 49.8





#15

Acrylonitrile

Concen: 91.085 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

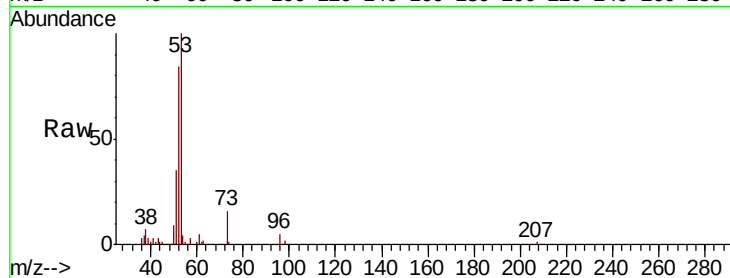
Tot Ion: 53 Resp: 76796

Ion Ratio Lower Upper

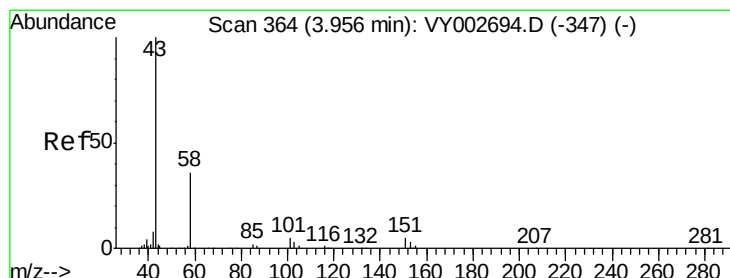
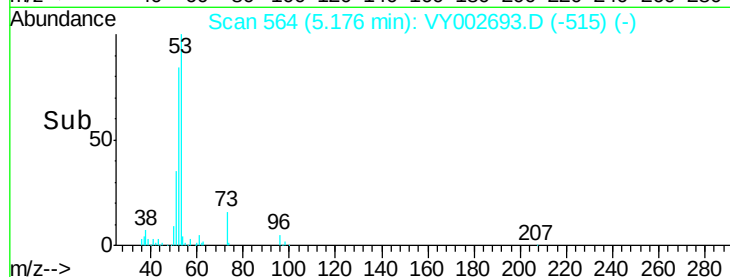
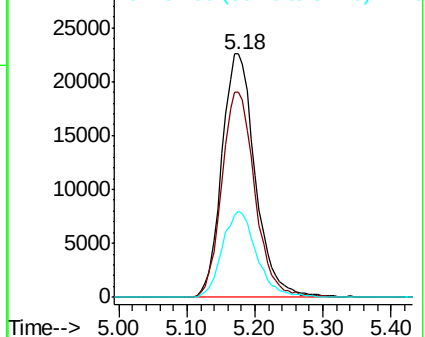
53 100

52 83.5 65.0 97.6

51 36.5 27.9 41.9



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



#16

Acetone

Concen: 84.321 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002693.D

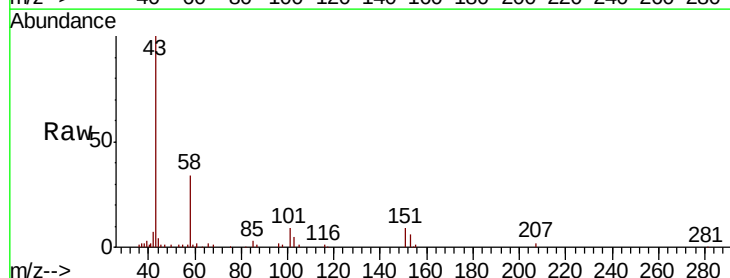
Acq: 15 May 2020 12:12

Tgt Ion: 43 Resp: 53379

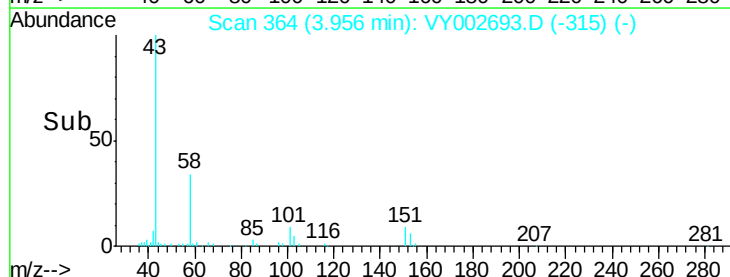
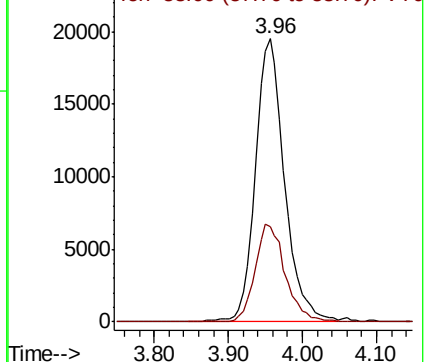
Ion Ratio Lower Upper

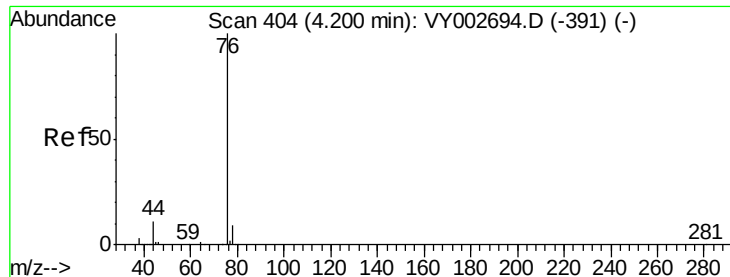
43 100

58 33.6 28.6 43.0



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





#17

Carbon Disulfide

Concen: 21.491 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

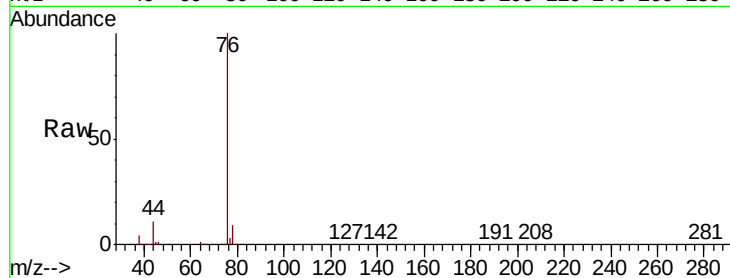
ClientSampleId :

Tot Ion: 76 Resp: 204407

Ion Ratio Lower Upper

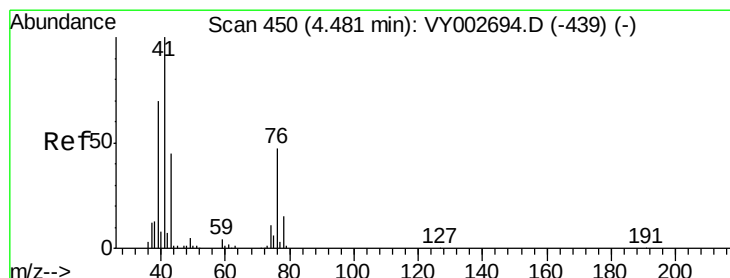
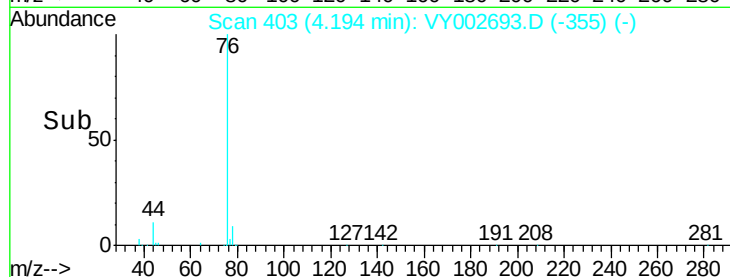
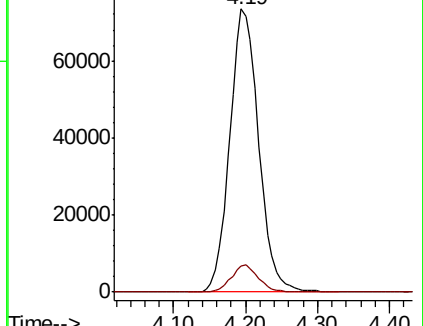
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY002693.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY002693.D (-391) (-)



#18

Methyl Acetate

Concen: 15.543 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002693.D

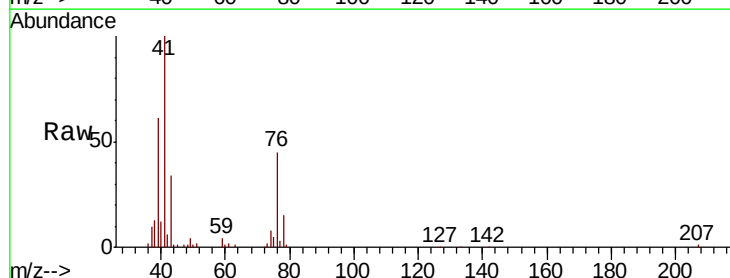
Acq: 15 May 2020 12:12

Tgt Ion: 43 Resp: 32189

Ion Ratio Lower Upper

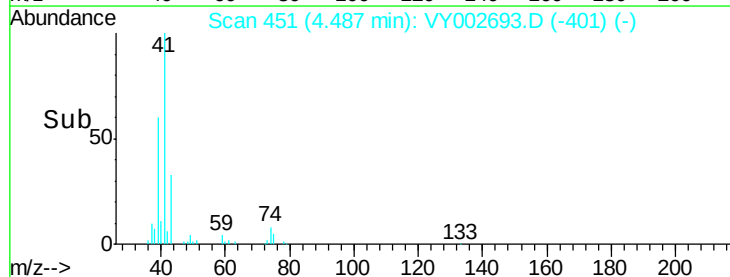
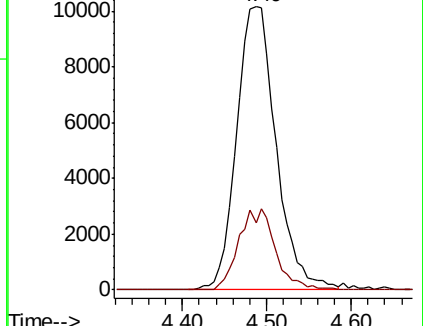
43 100

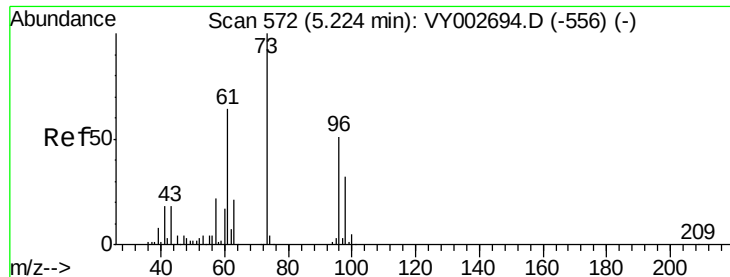
74 26.5 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.30): VY002693.D (-401) (-)

Ion 74.00 (73.70 to 74.30): VY002693.D (-401) (-)

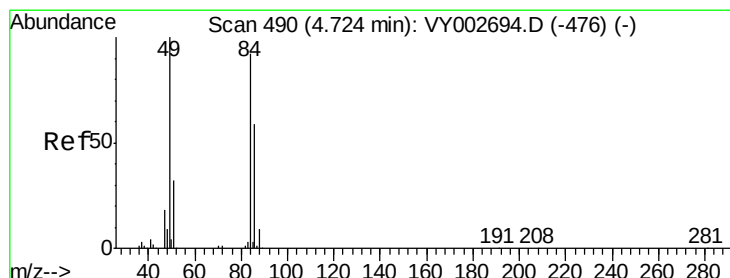
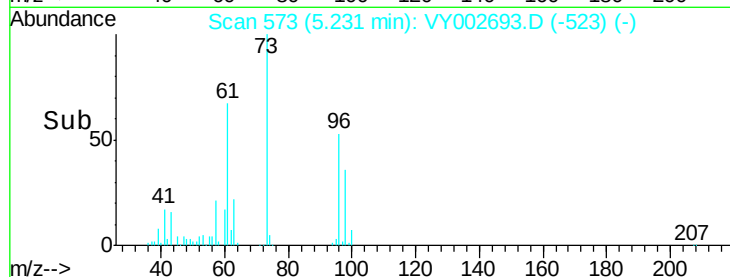
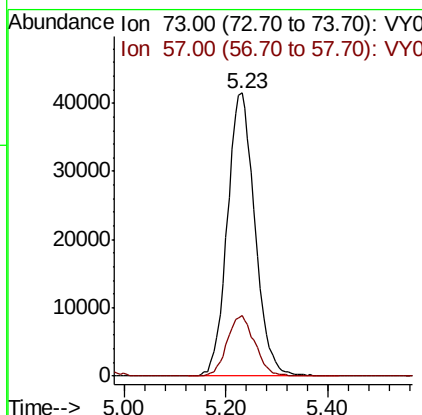
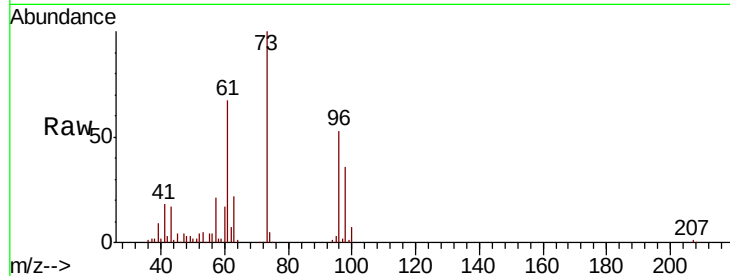




#19
Methyl tert-butyl Ether
Concen: 18.915 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

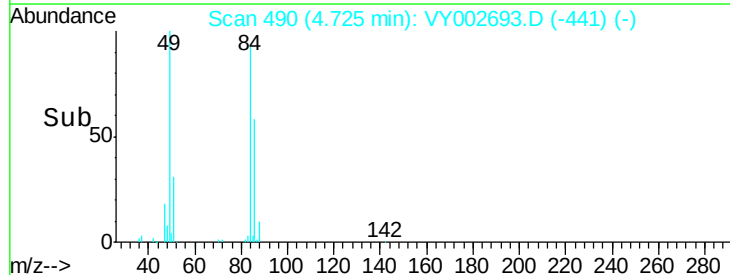
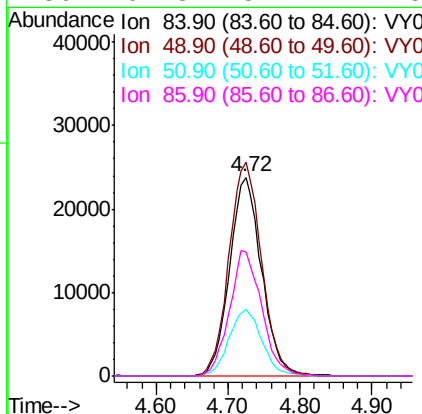
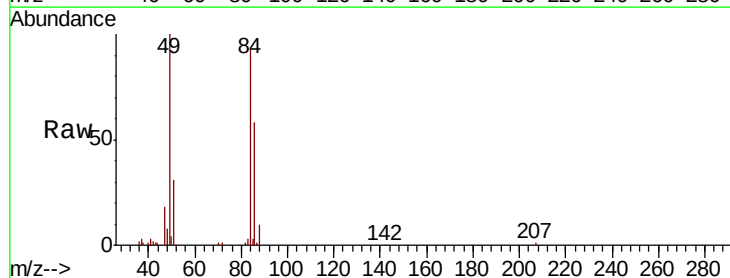
Instrument :
MSVOA_Y
ClientSampled :

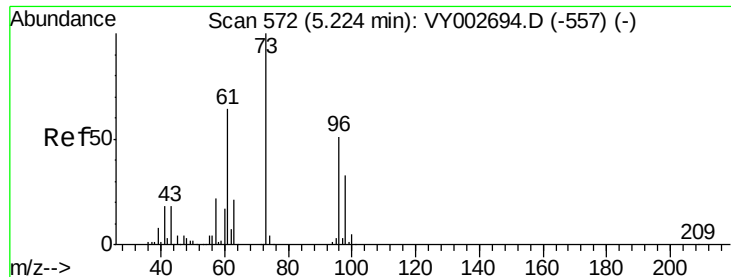
Tot Ion: 73 Resp: 155475
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 20.550 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 84 Resp: 73518
Ion Ratio Lower Upper
84 100
49 107.4 87.4 131.0
51 33.3 27.9 41.9
86 62.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.787 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

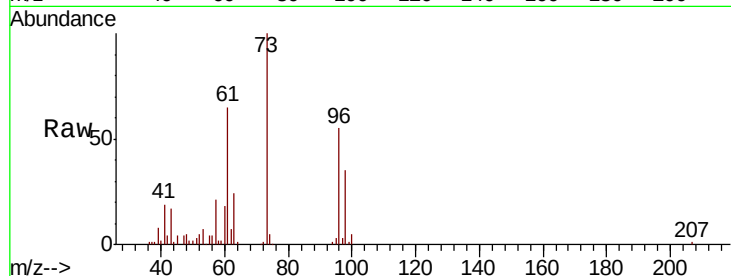
Tot Ion: 96 Resp: 72039

Ion Ratio Lower Upper

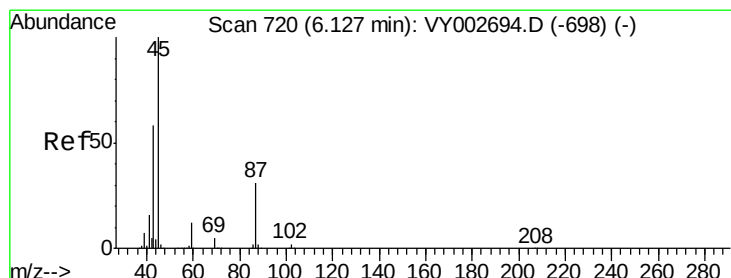
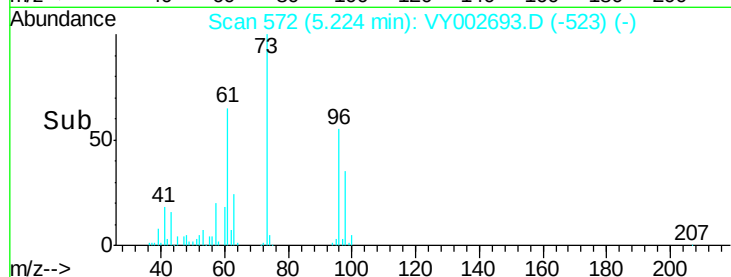
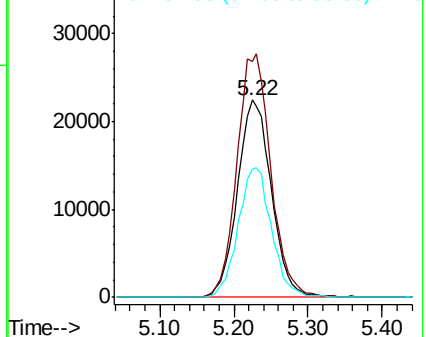
96 100

61 119.9 99.6 149.4

98 64.9 50.6 76.0



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



#22

Diisopropyl ether

Concen: 20.020 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Tgt Ion: 45 Resp: 186145

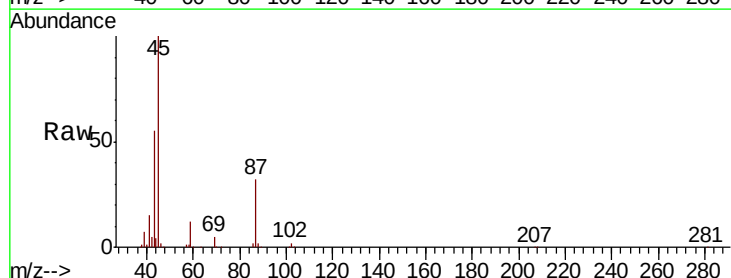
Ion Ratio Lower Upper

45 100

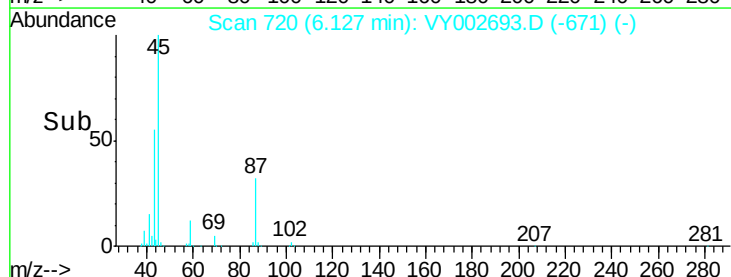
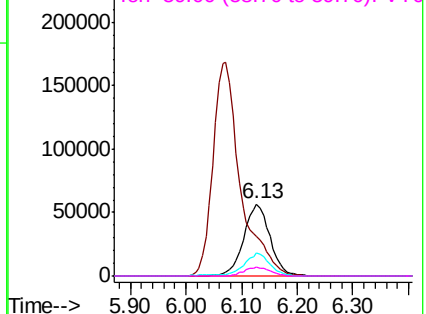
43 54.4 46.1 69.1

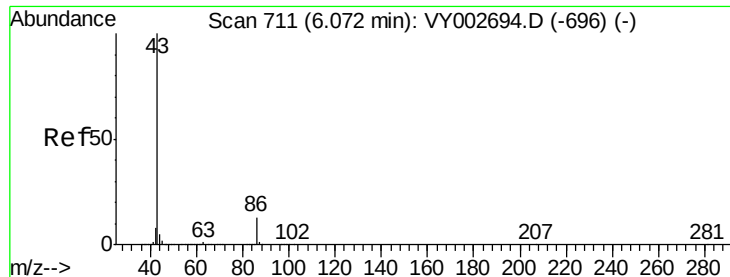
87 31.7 24.9 37.3

59 11.7 9.8 14.8



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





#23

Vinyl Acetate

Concen: 98.588 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

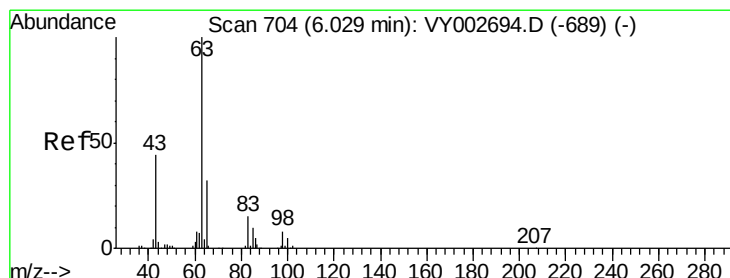
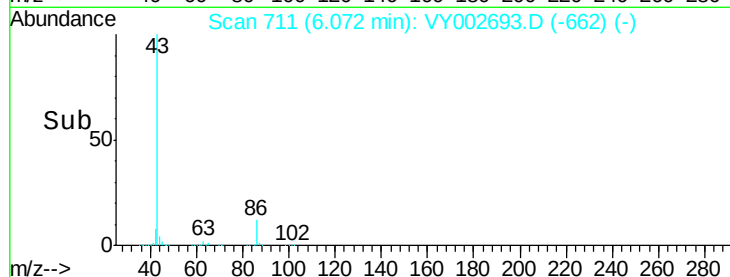
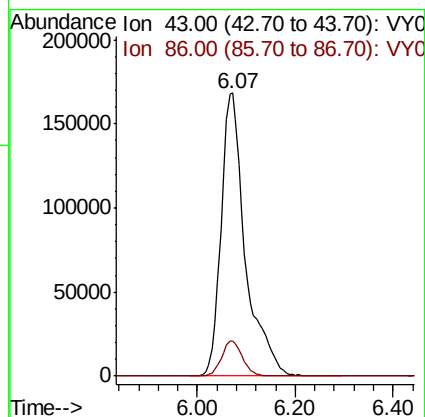
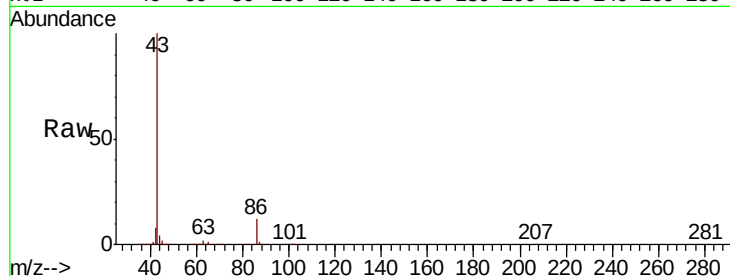
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 577830

Ion Ratio Lower Upper

43 100

86 12.3 10.1 15.1



#24

1,1-Dichloroethane

Concen: 20.315 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

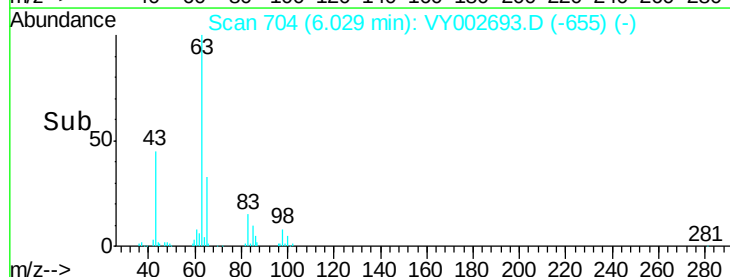
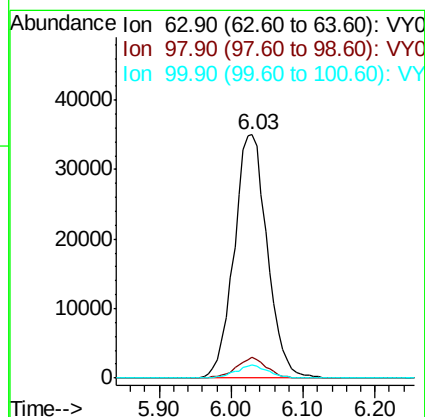
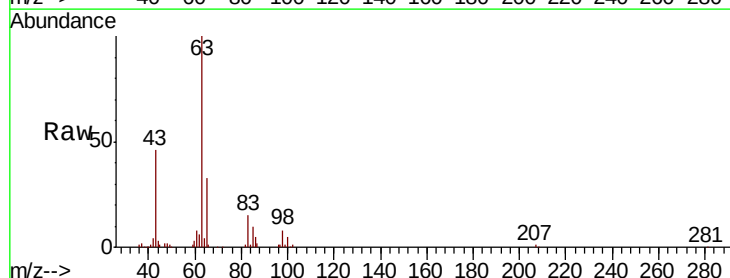
Tgt Ion: 63 Resp: 111619

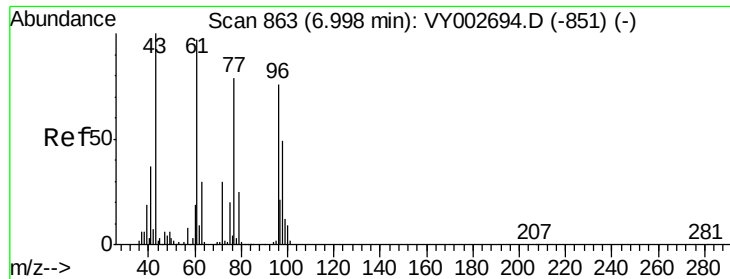
Ion Ratio Lower Upper

63 100

98 8.4 4.0 11.9

100 5.3 2.5 7.6

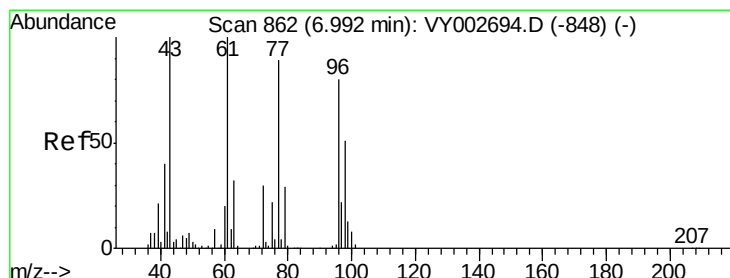
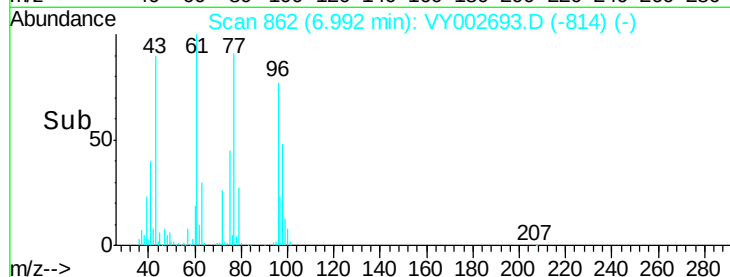
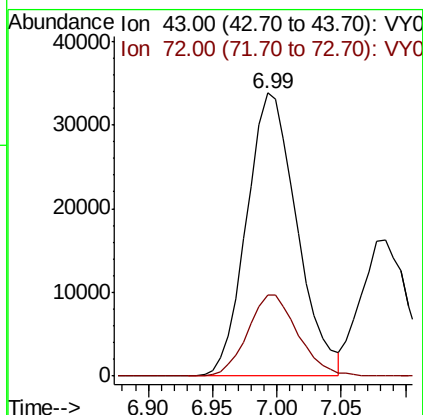
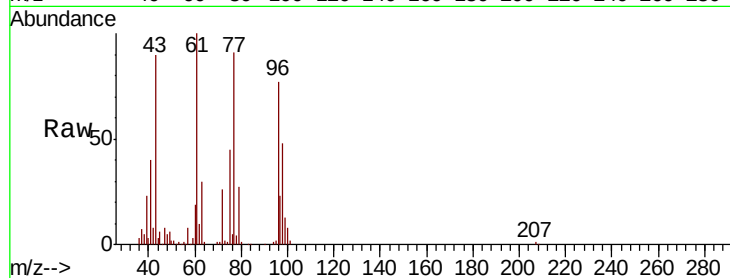




#25
2-Butanone
Concen: 88.445 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

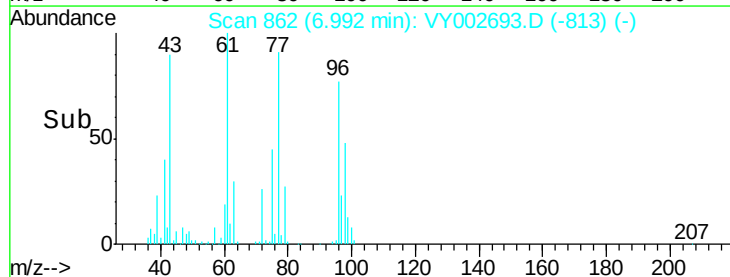
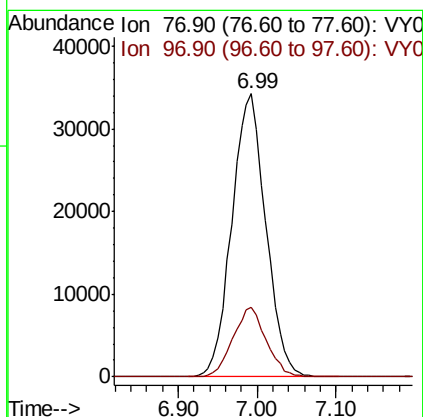
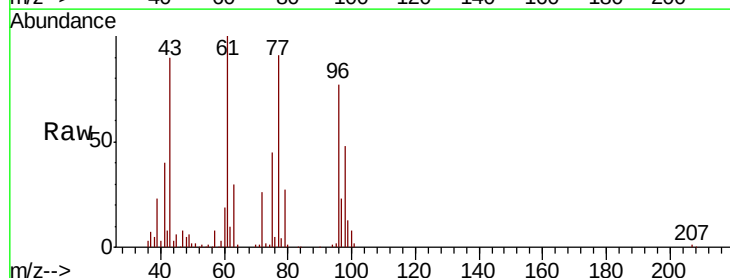
Instrument :
MSVOA_Y
ClientSampleId :

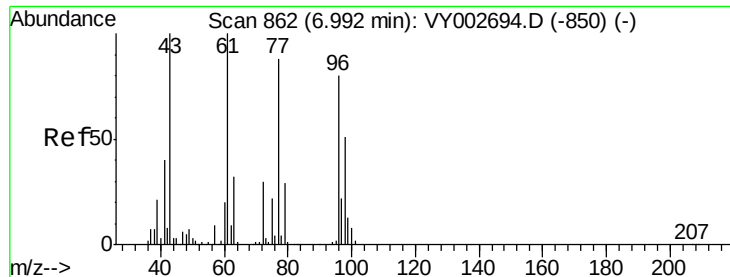
Tot Ion: 43 Resp: 91493
Ion Ratio Lower Upper
43 100
72 28.8 24.1 36.1



#26
2,2-Dichloropropane
Concen: 19.673 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 77 Resp: 102494
Ion Ratio Lower Upper
77 100
97 24.0 12.3 36.9



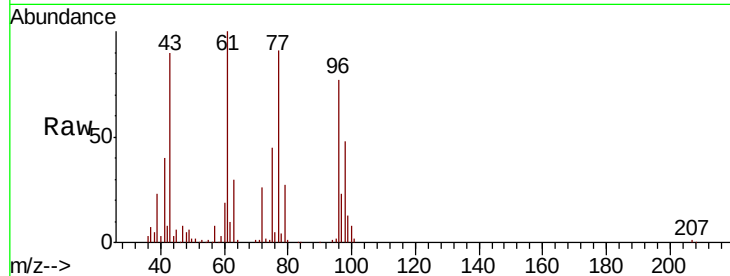


#27

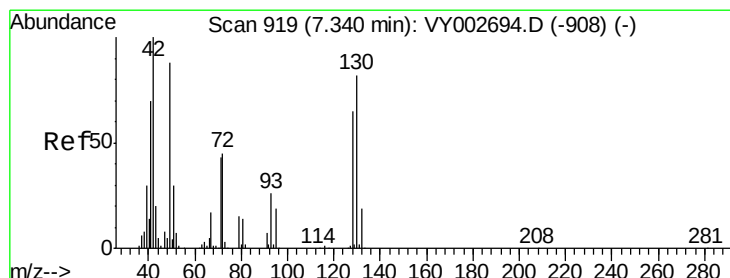
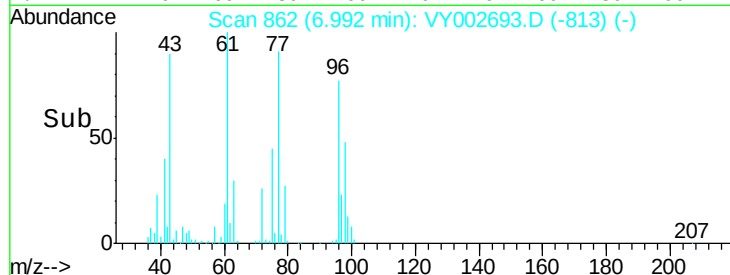
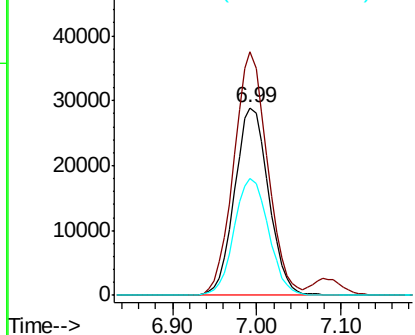
cis-1,2-Dichloroethene
Concen: 20.545 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 78873
Ion Ratio Lower Upper
96 100
61 128.3 0.0 258.0
98 63.0 0.0 128.4



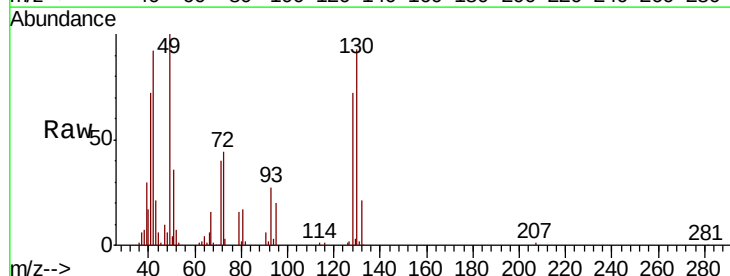
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



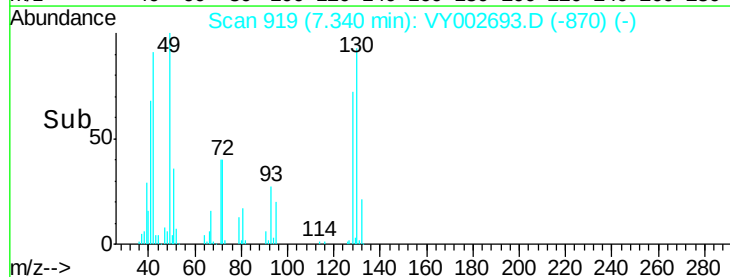
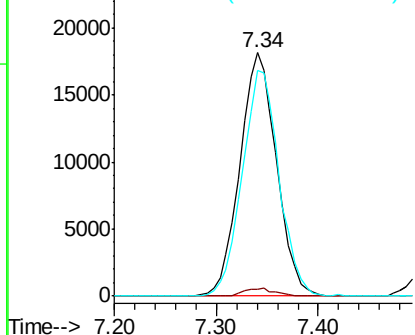
#28

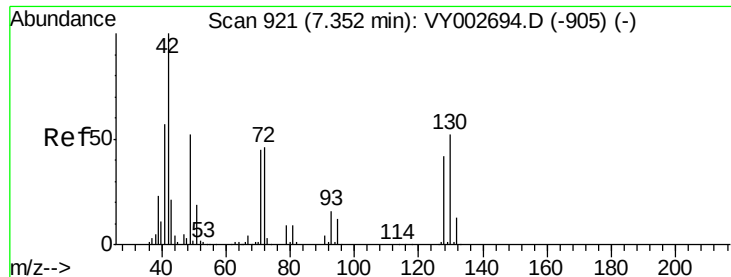
Bromochloromethane
Concen: 20.101 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 49 Resp: 45088
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.6
130 93.4 75.3 112.9



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

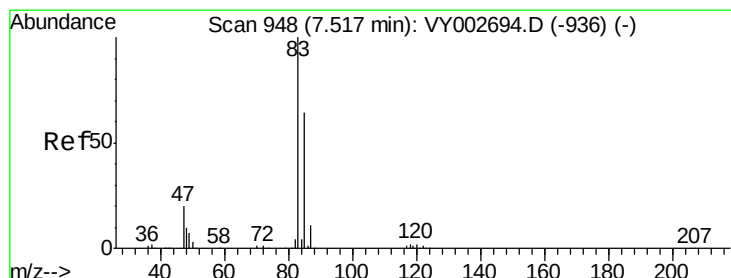
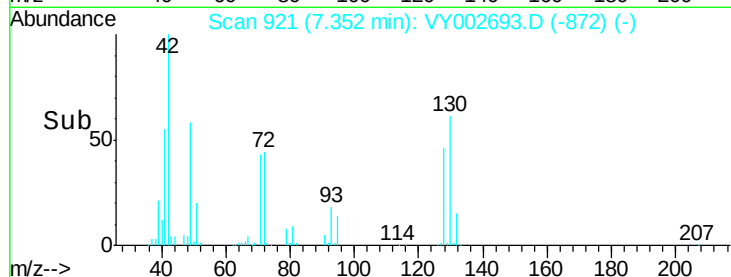
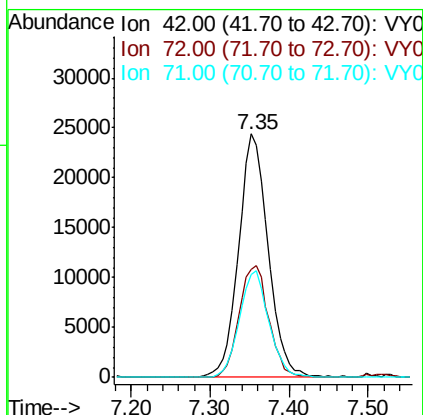
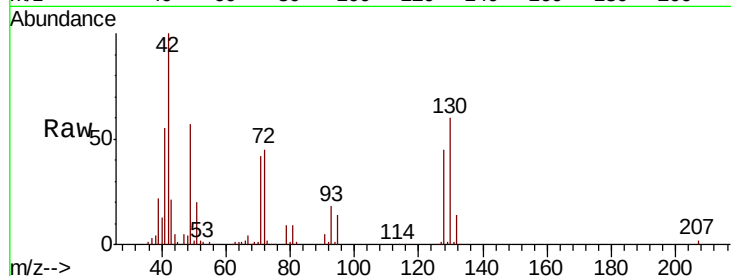




#29
Tetrahydrofuran
Concen: 92.775 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

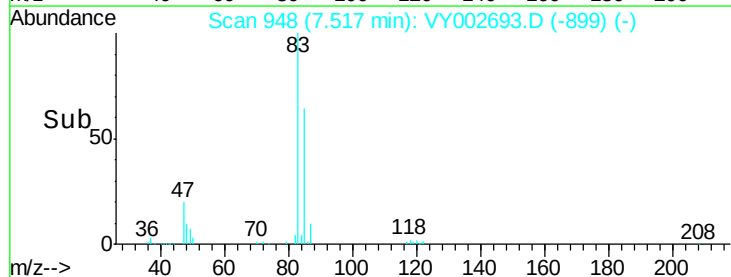
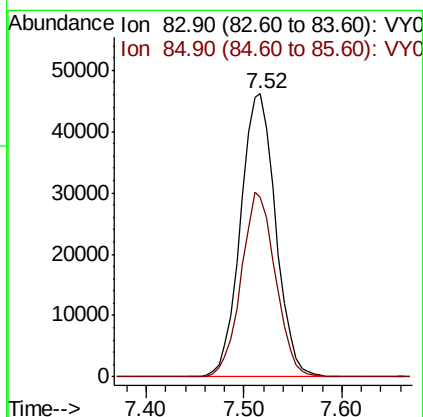
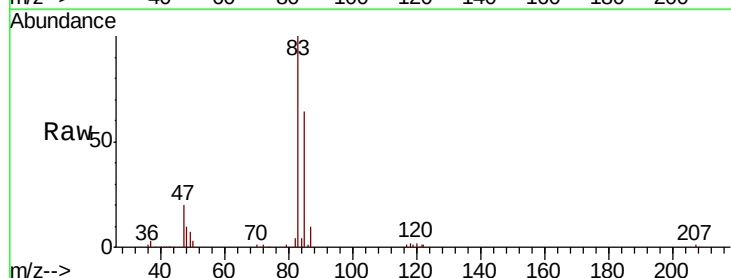
Instrument :
MSVOA_Y
ClientSampleId :

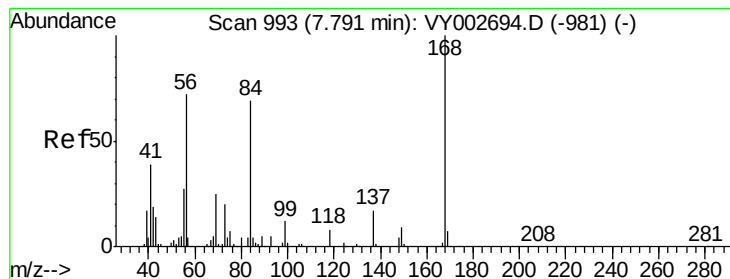
Tot Ion: 42 Resp: 63801
Ion Ratio Lower Upper
42 100
72 46.0 38.2 57.2
71 43.4 35.8 53.8



#30
Chloroform
Concen: 20.001 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 83 Resp: 114744
Ion Ratio Lower Upper
83 100
85 63.6 51.5 77.3





#31

Cyclohexane

Concen: 20.151 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

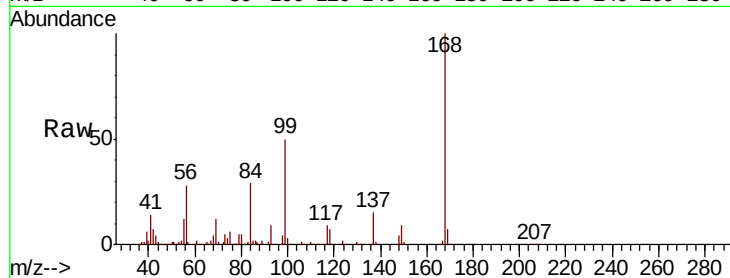
Tot Ion: 56 Resp: 111638

Ion Ratio Lower Upper

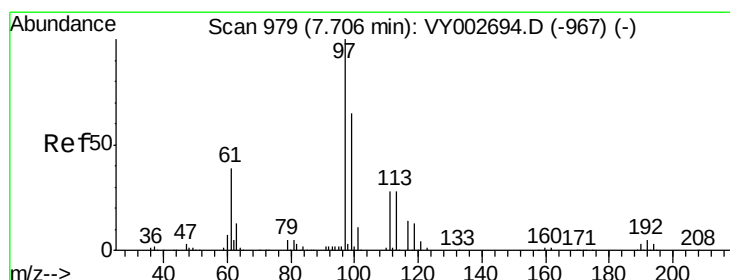
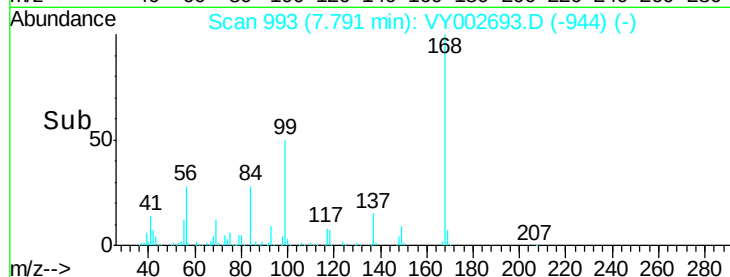
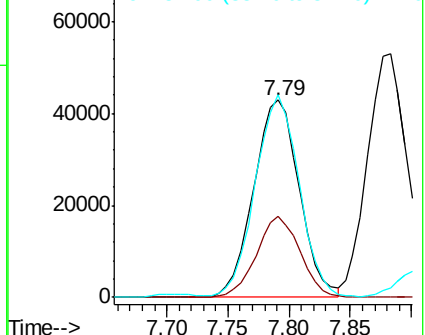
56 100

69 41.1 27.7 41.5

84 101.2 77.0 115.4



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



#32

1,1,1-Trichloroethane

Concen: 20.088 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

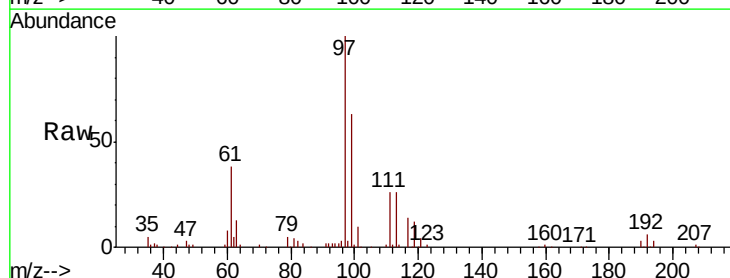
Tgt Ion: 97 Resp: 106725

Ion Ratio Lower Upper

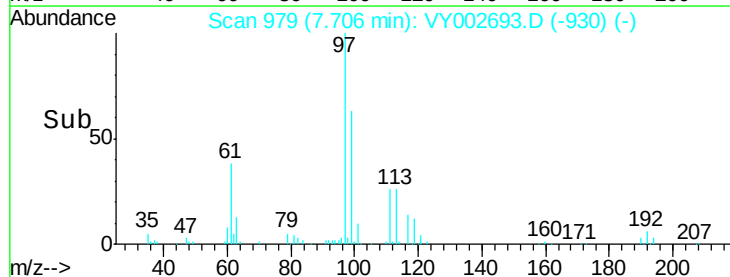
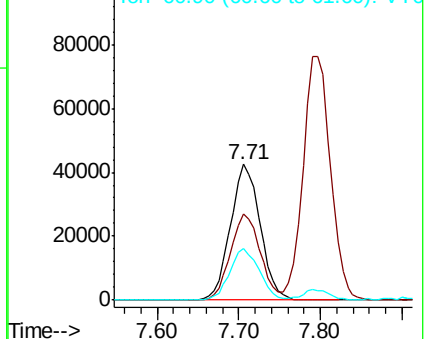
97 100

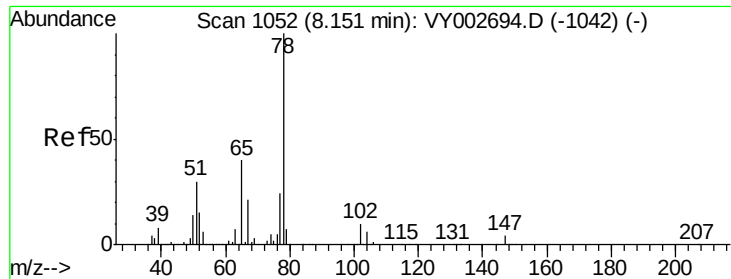
99 63.9 51.6 77.4

61 37.8 30.6 45.8



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

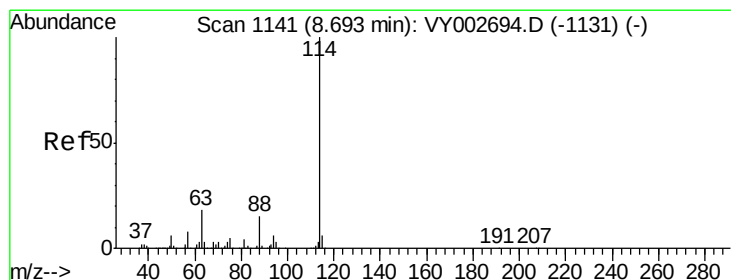
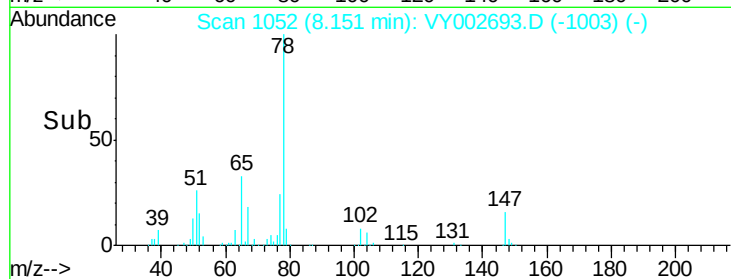
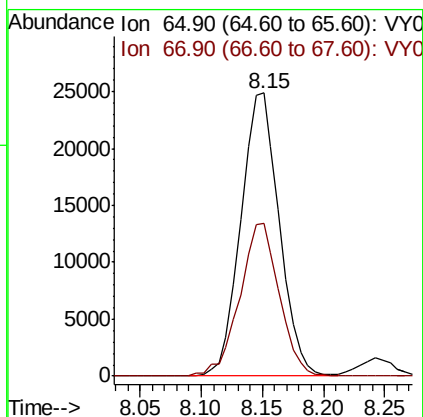
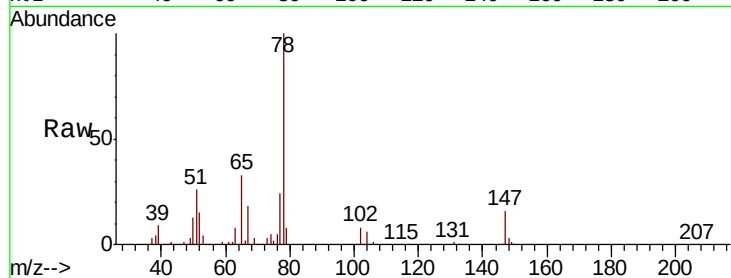




#33
 1,2-Dichloroethane-d4
 Concen: 17.664 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

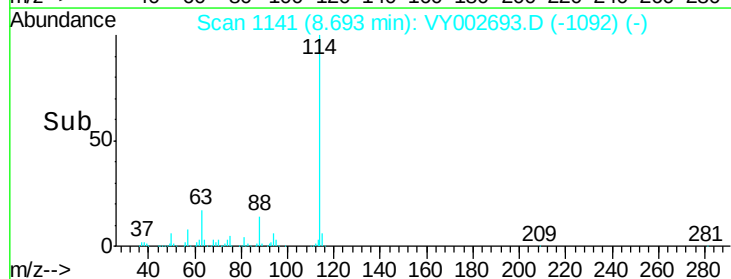
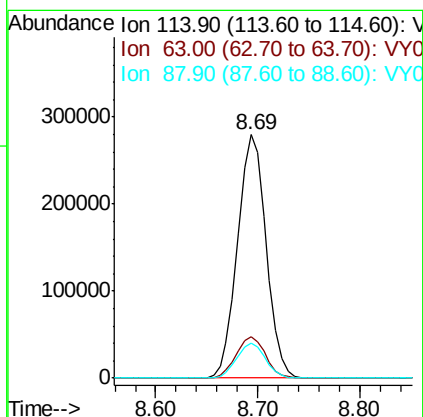
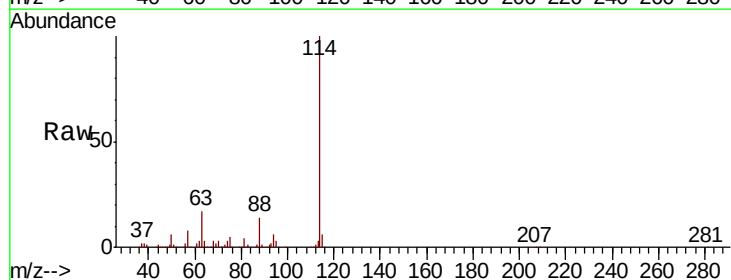
Instrument :
 MSVOA_Y
 ClientSampleId :

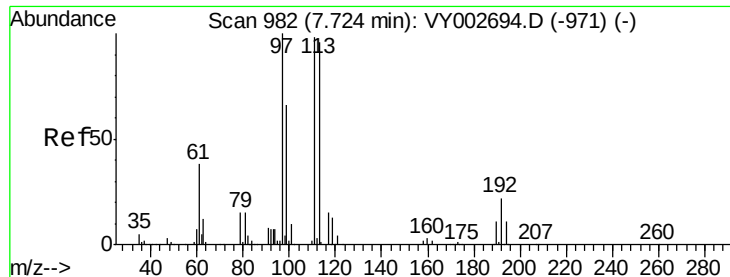
Tot Ion: 65 Resp: 54405
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

Tgt Ion: 114 Resp: 543795
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.4
 88 14.5 0.0 29.4

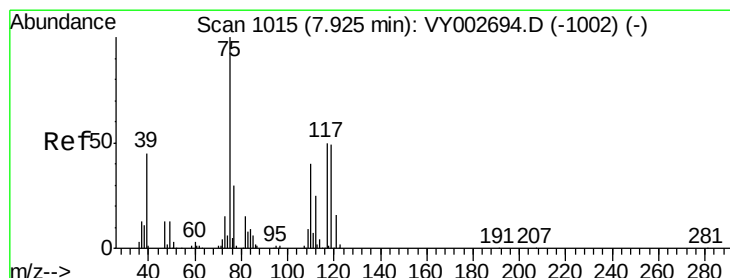
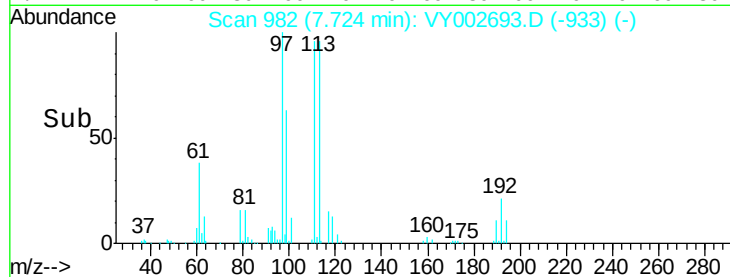
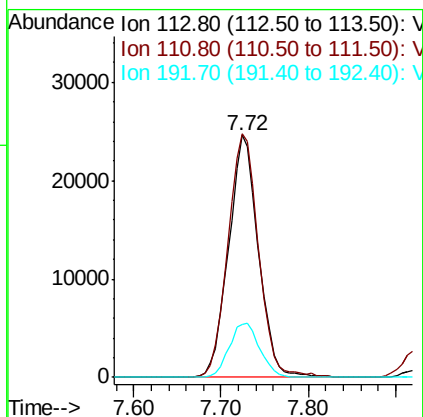
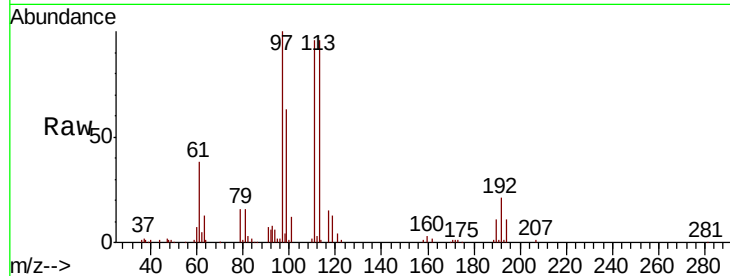




#35
 Dibromofluoromethane
 Concen: 18.770 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

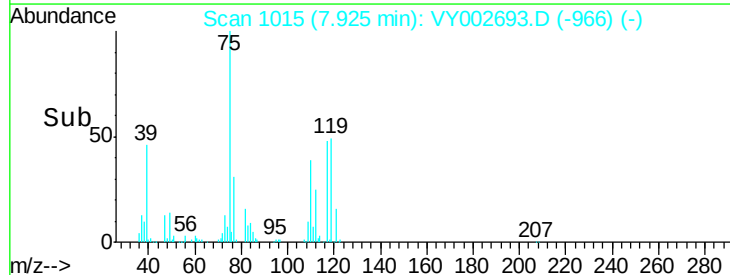
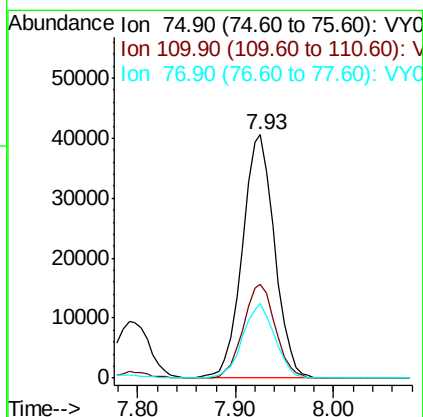
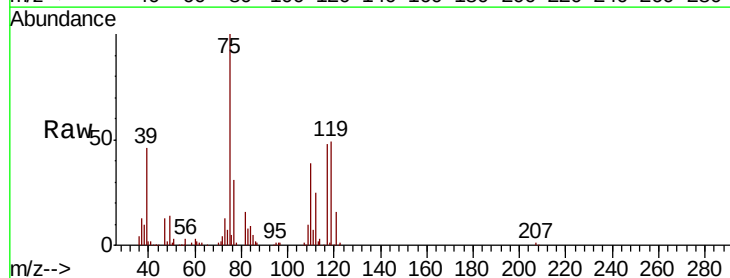
Instrument :
 MSVOA_Y
 ClientSampleId :

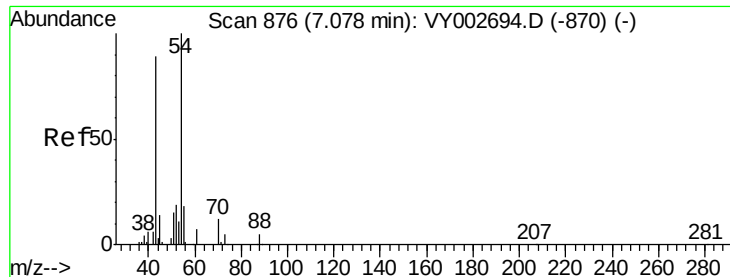
Tot Ion:113 Resp: 58293
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 22.9 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 20.397 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

Tgt Ion: 75 Resp: 92430
 Ion Ratio Lower Upper
 75 100
 110 38.6 19.4 58.4
 77 30.7 25.0 37.4

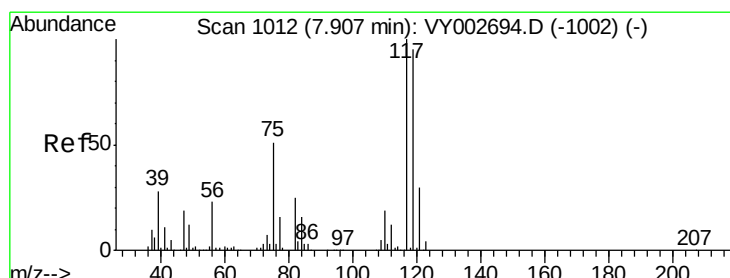
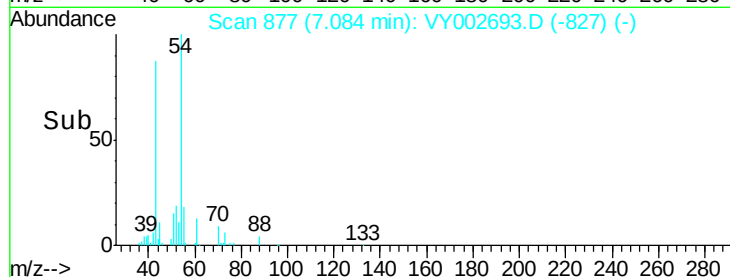
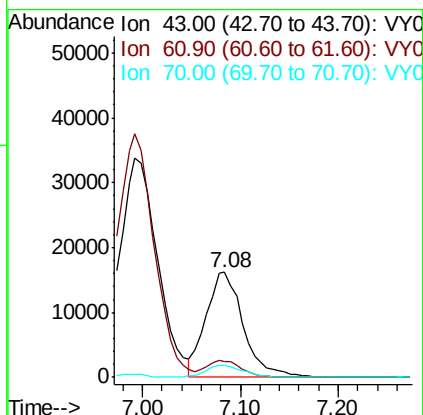
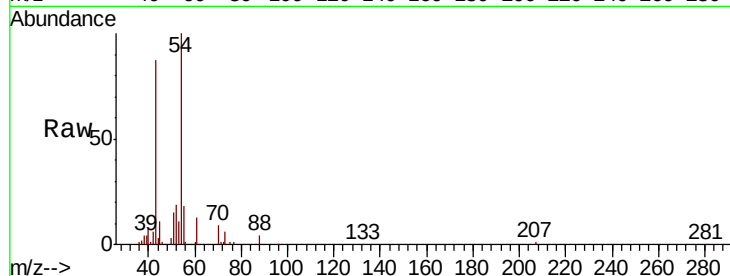




#37
Ethyl Acetate
Concen: 18.315 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

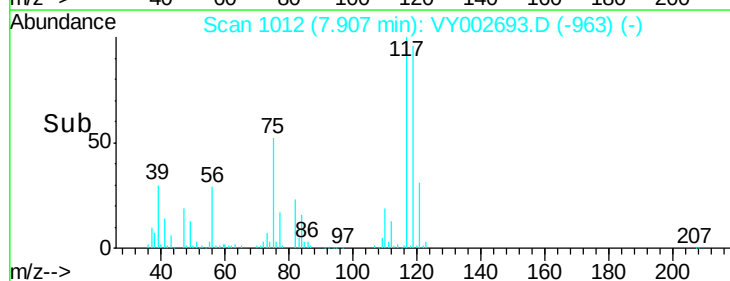
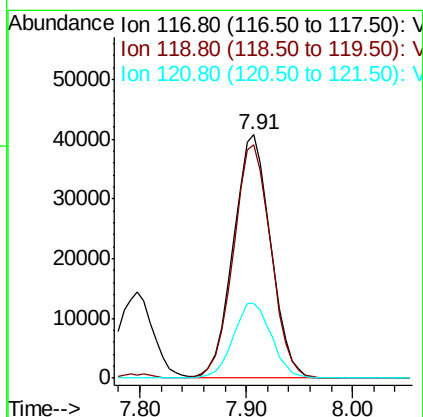
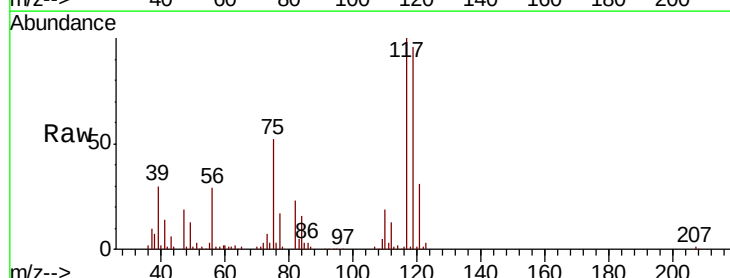
Instrument :
MSVOA_Y
ClientSampled :

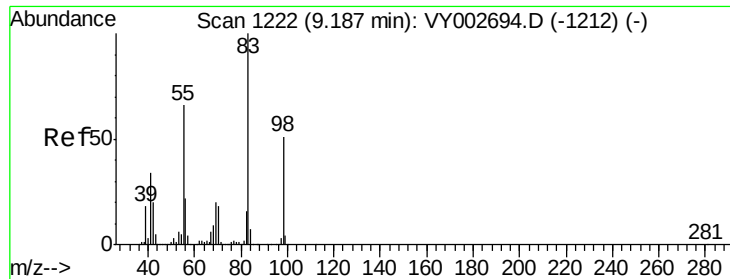
Tot Ion: 43 Resp: 42751
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.276 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 117 Resp: 100364
Ion Ratio Lower Upper
117 100
119 96.0 76.3 114.5
121 30.9 24.2 36.2

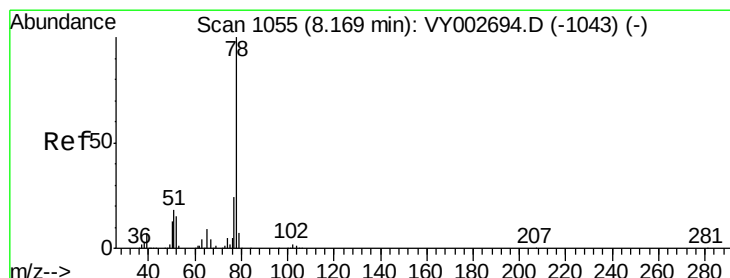
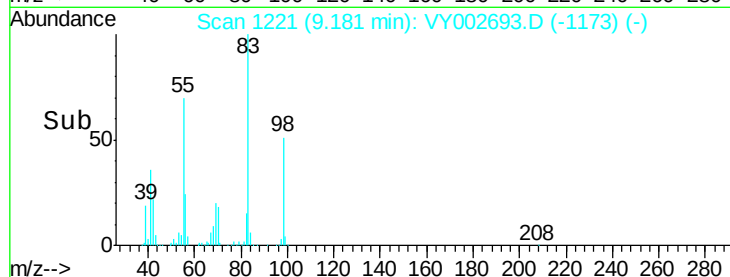
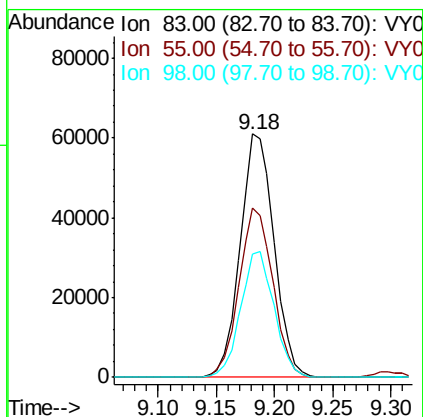
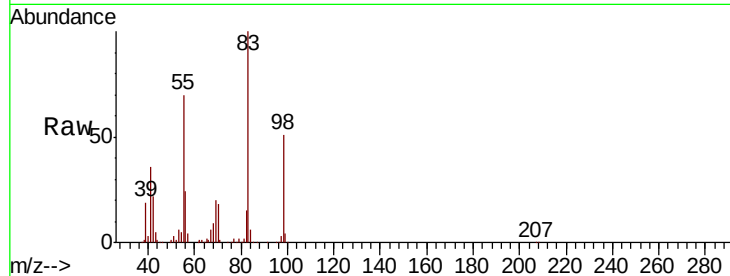




#39
Methylvlcyclohexane
Concen: 20.637 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

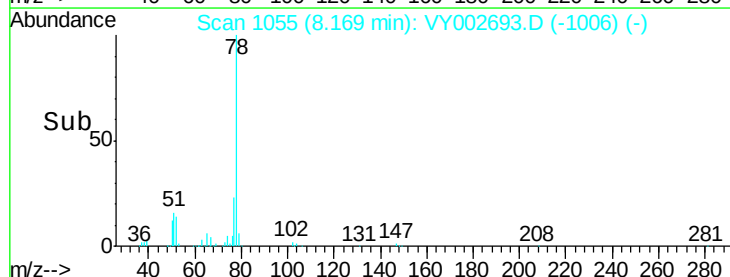
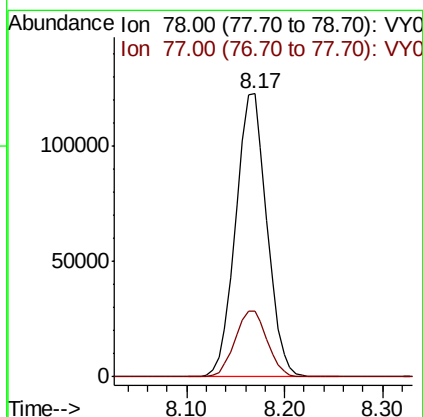
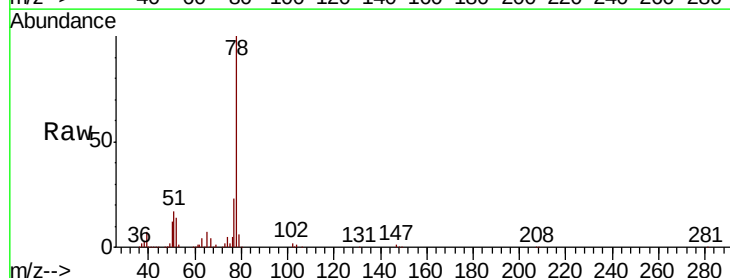
Instrument :
MSVOA_Y
ClientSampleId :

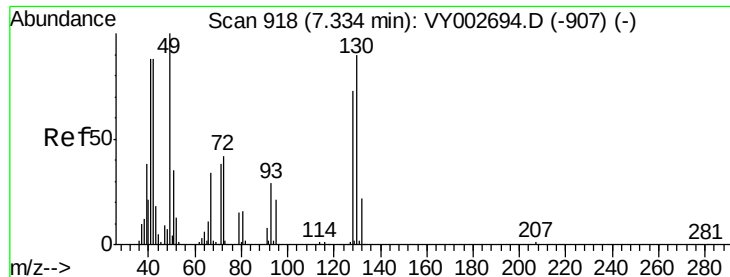
Tot Ion: 83 Resp: 124002
Ion Ratio Lower Upper
83 100
55 69.6 53.0 79.6
98 50.6 40.8 61.2



#40
Benzene
Concen: 20.637 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 78 Resp: 271649
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8

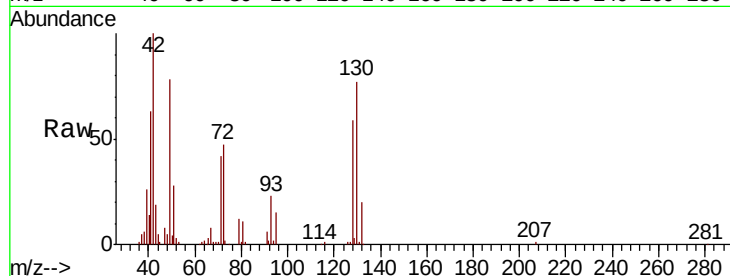




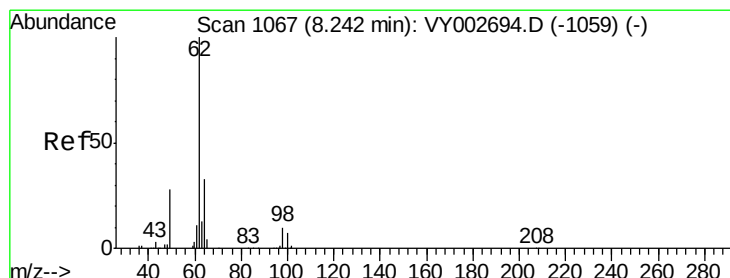
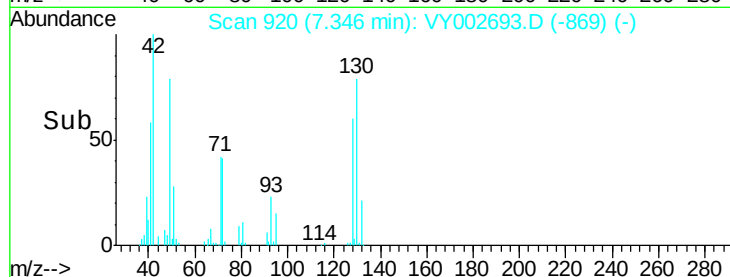
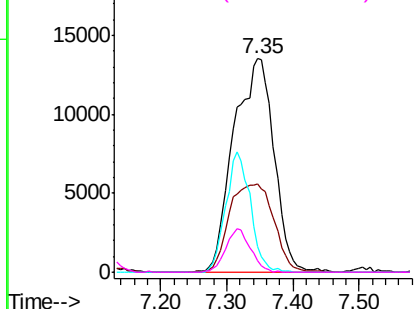
#41
Methacrylonitrile
Concen: 45.739 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	57355
Ion	Ratio	Lower	Upper
41	100		
39	45.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

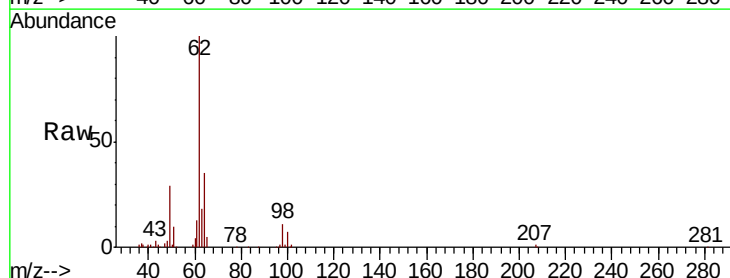


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

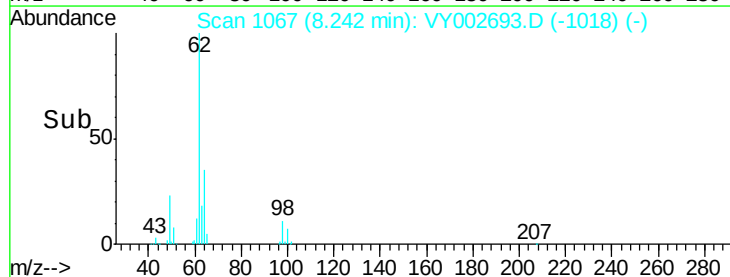
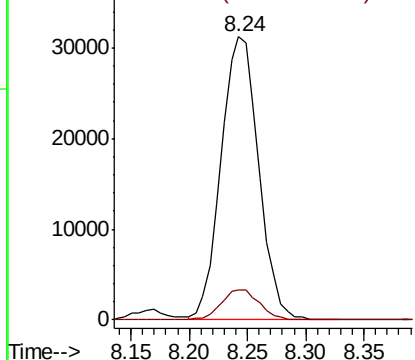


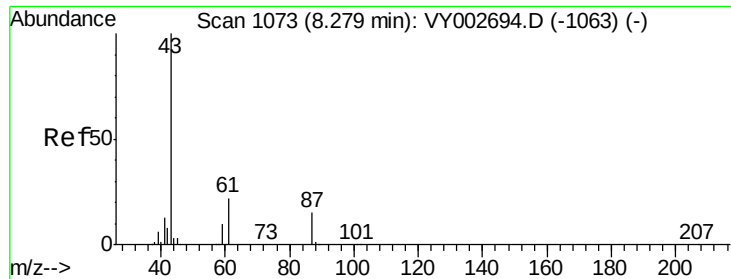
#42
1,2-Dichloroethane
Concen: 19.137 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion:	62	Resp:	69785
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8



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





#43

Isopropyl Acetate

Concen: 18.460 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampled :

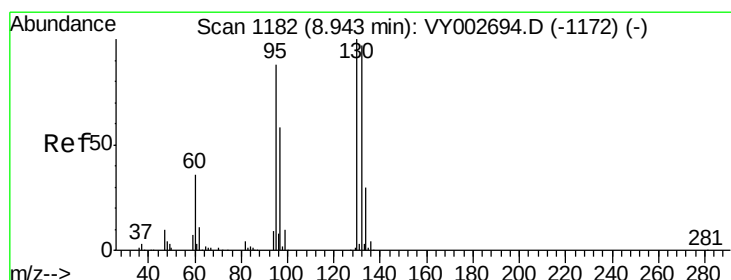
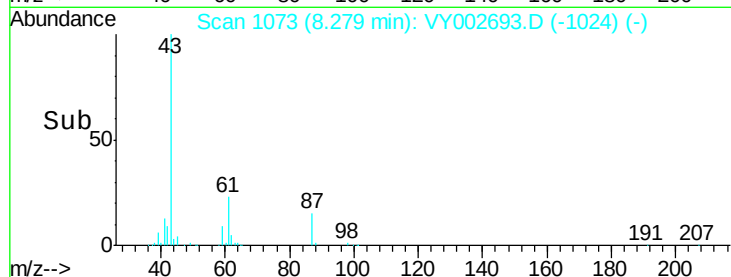
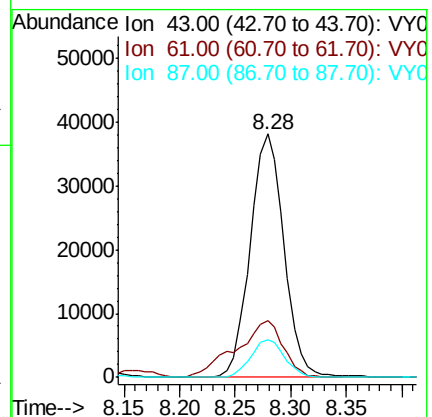
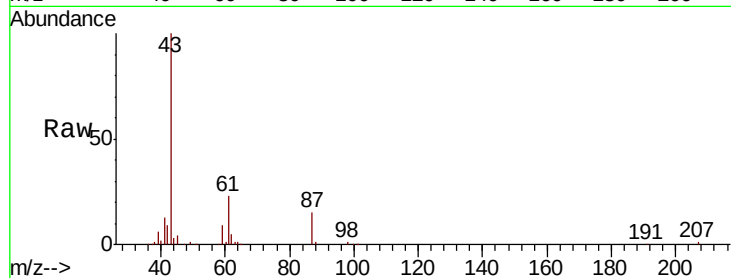
Tot Ion: 43 Resp: 80582

Ion Ratio Lower Upper

43 100

61 32.3 24.9 37.3

87 15.5 12.6 19.0



#44

Trichloroethene

Concen: 20.785 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002693.D

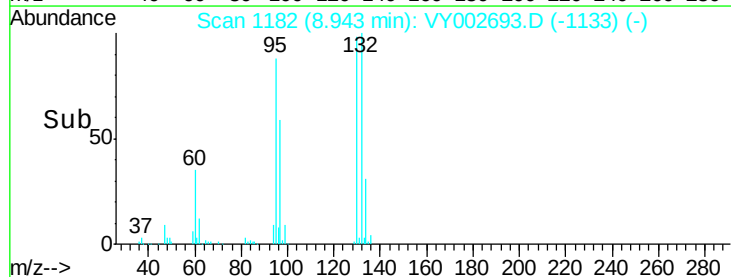
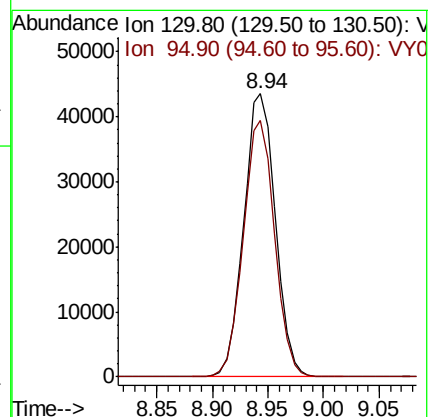
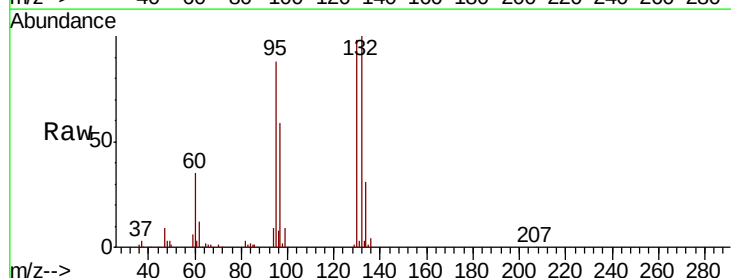
Acq: 15 May 2020 12:12

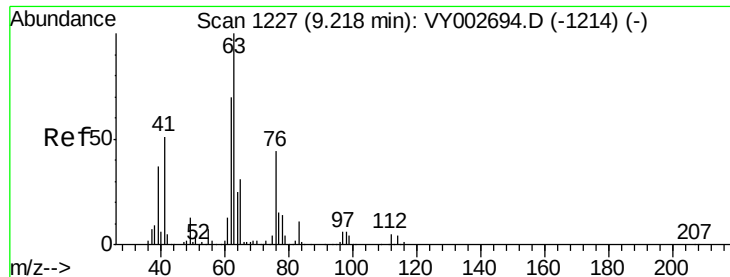
Tgt Ion:130 Resp: 85899

Ion Ratio Lower Upper

130 100

95 90.6 0.0 176.4

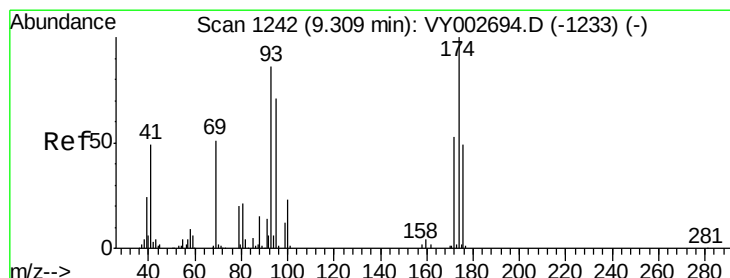
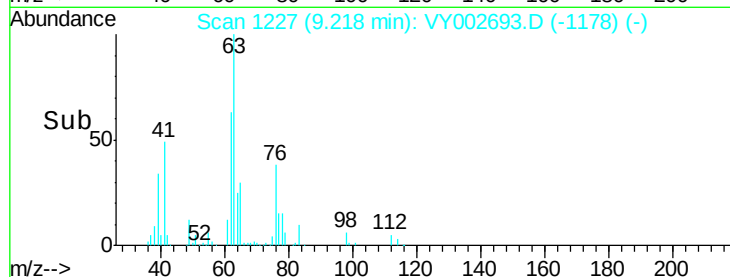
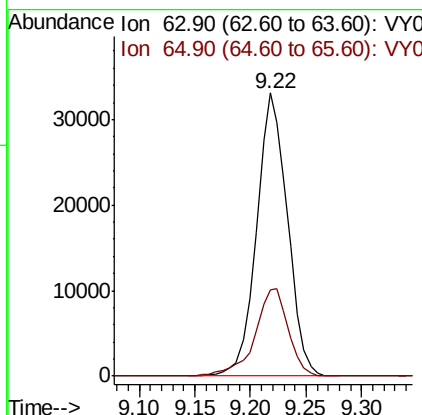
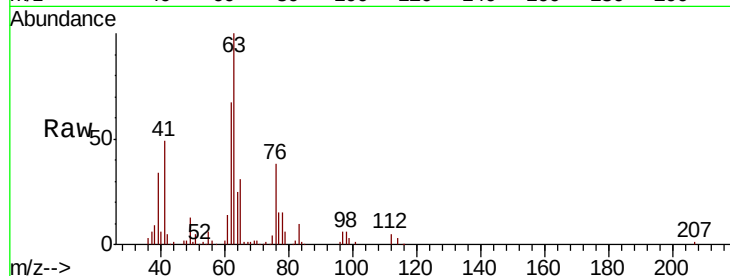




#45
 1,2-Dichloropropane
 Concen: 20.176 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

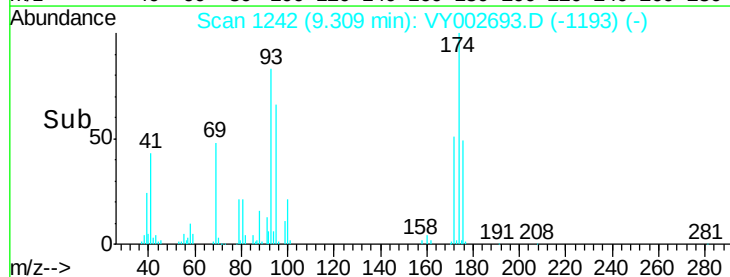
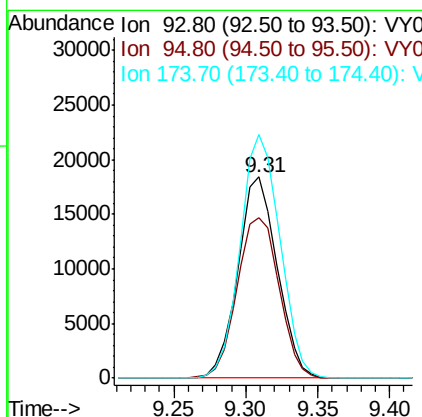
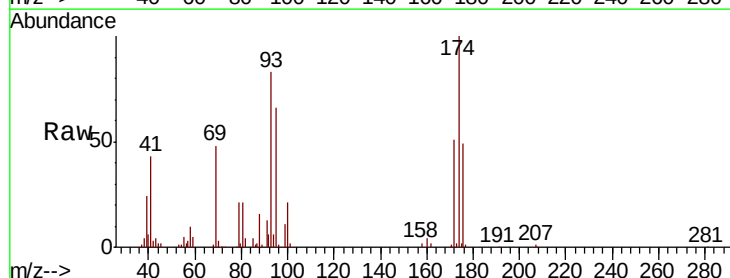
Instrument :
 MSVOA_Y
 ClientSampleId :

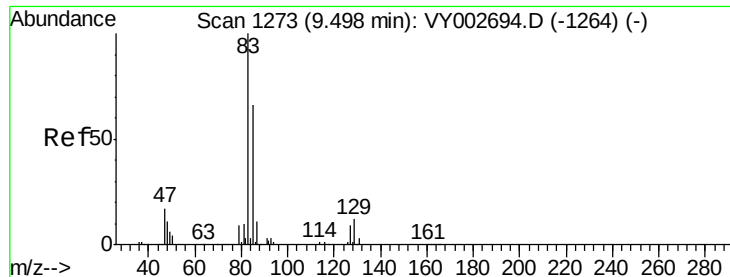
Tot Ion: 63 Resp: 63782
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 19.208 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

Tgt Ion: 93 Resp: 34948
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.5 99.7
 174 122.1 95.6 143.4





#47

Bromodichloromethane

Concen: 19.660 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

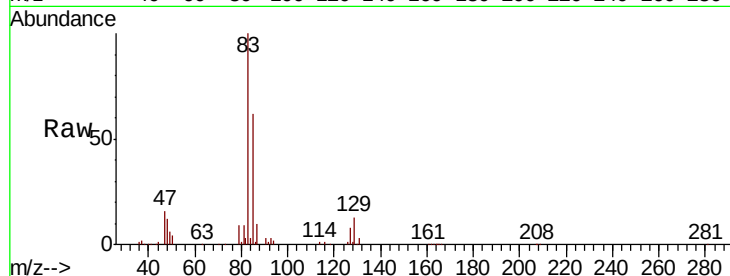
Tot Ion: 83 Resp: 87061

Ion Ratio Lower Upper

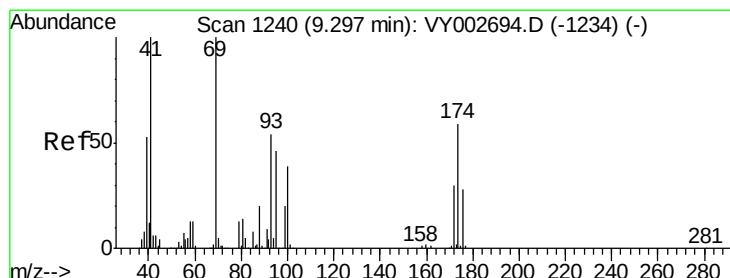
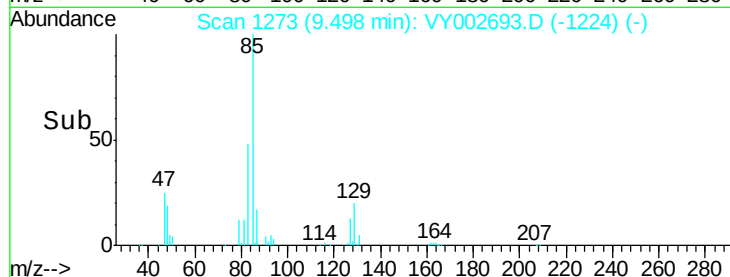
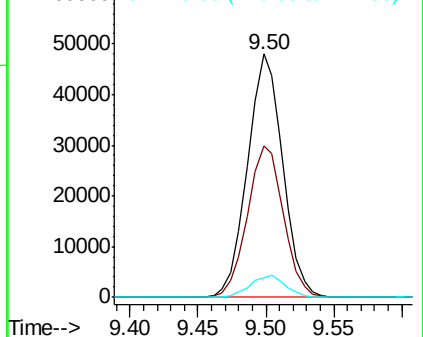
83 100

85 62.3 52.4 78.6

127 7.9 7.6 11.4



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



#48

Methyl methacrylate

Concen: 18.375 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

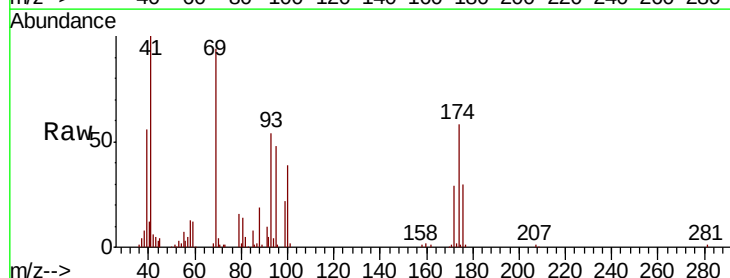
Tgt Ion: 41 Resp: 36252

Ion Ratio Lower Upper

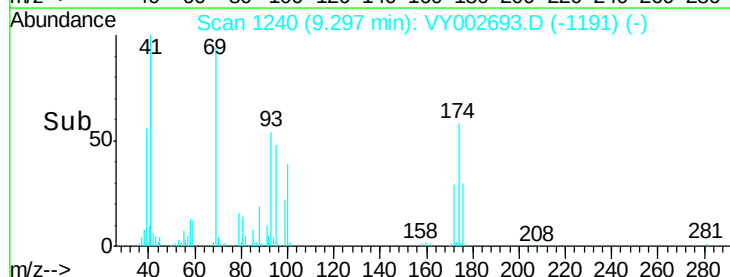
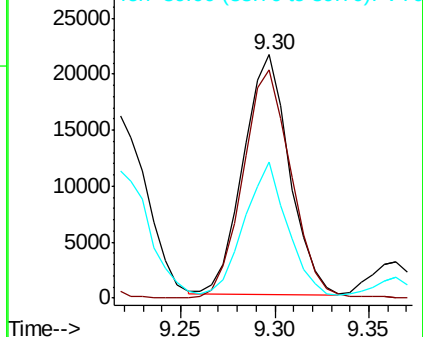
41 100

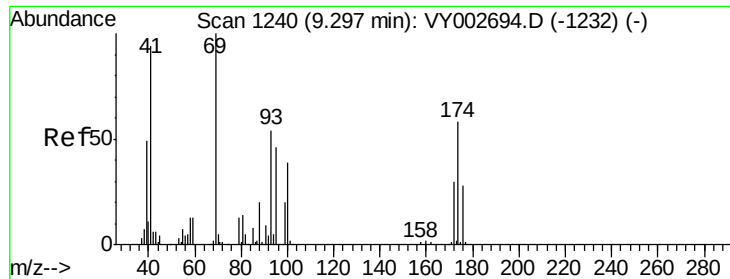
69 100.1 78.7 118.1

39 54.7 42.9 64.3



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

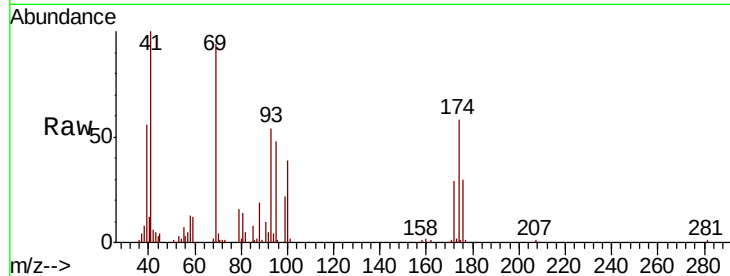




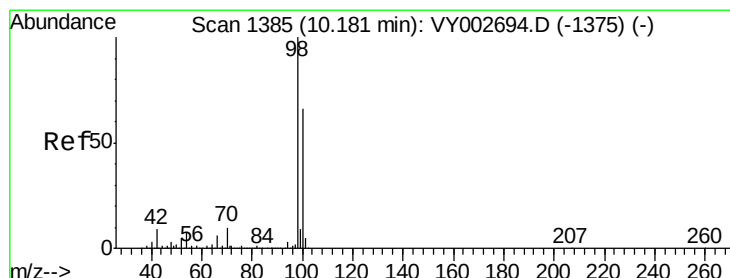
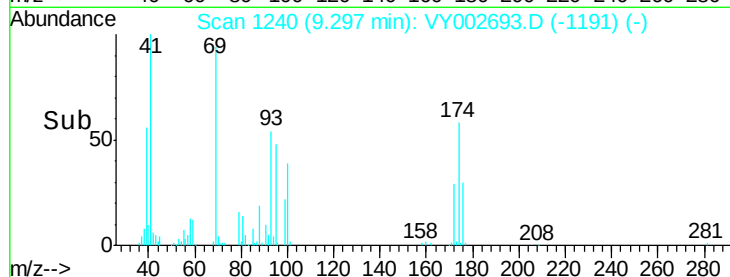
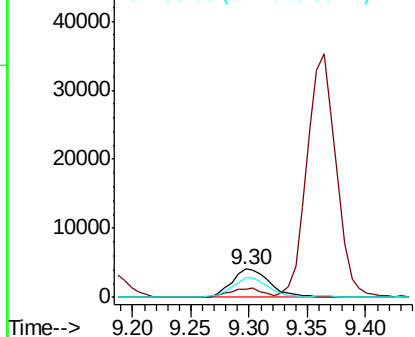
#49
1,4-Dioxane
Concen: 395.036 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 9496
Ion Ratio Lower Upper
88 100
43 27.3 23.4 35.0
58 64.6 54.5 81.7

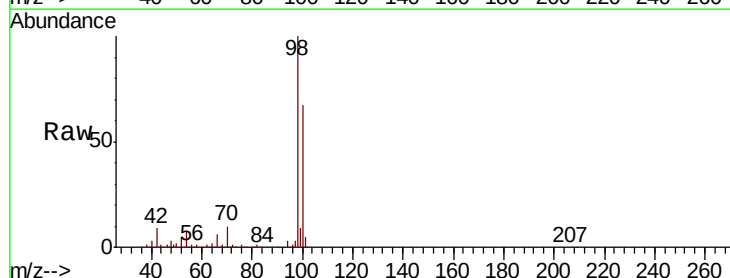


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

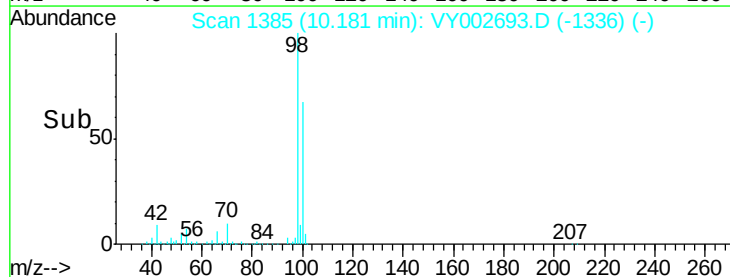
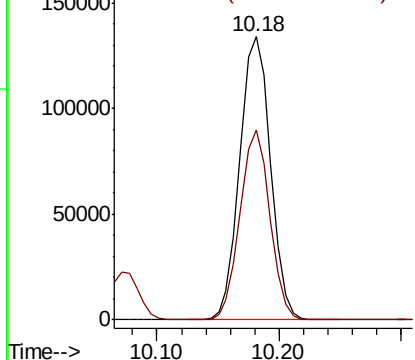


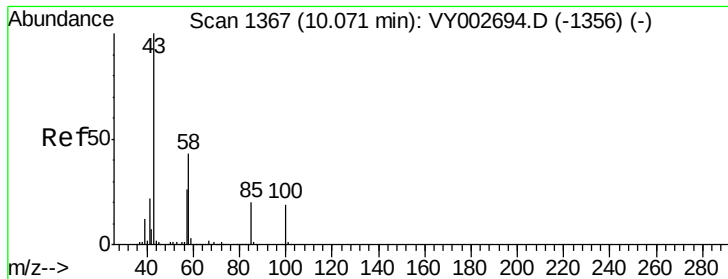
#50
Toluene-d8
Concen: 19.214 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 98 Resp: 234069
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



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

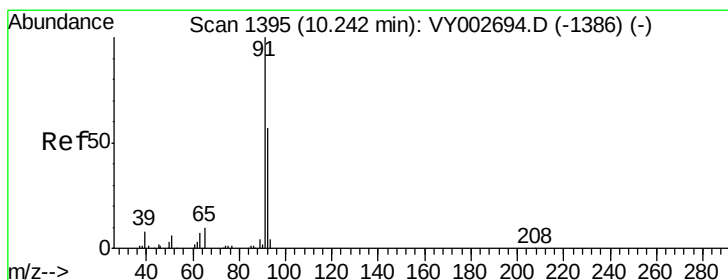
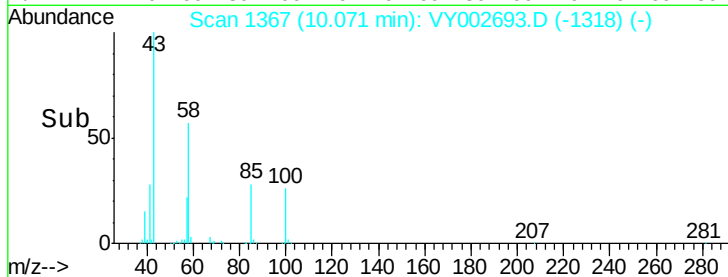
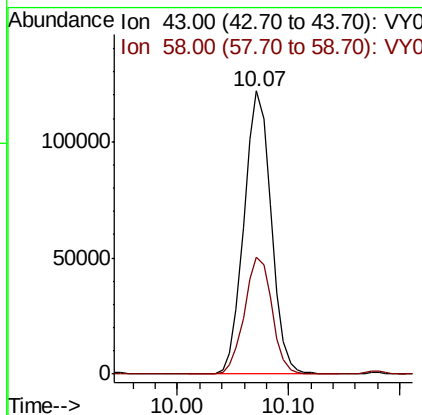
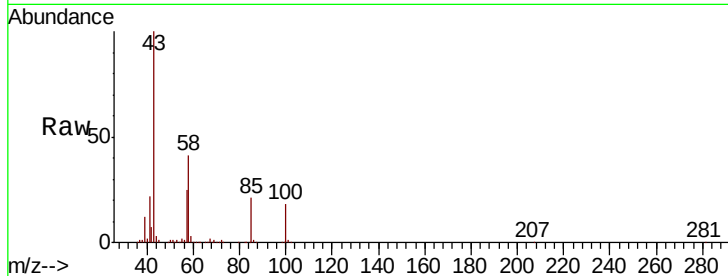




#51
4-Methyl-2-Pentanone
Concen: 92.215 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

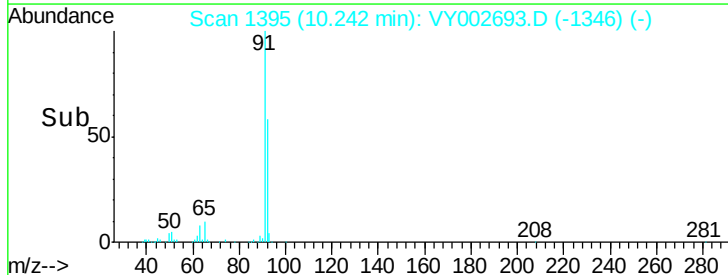
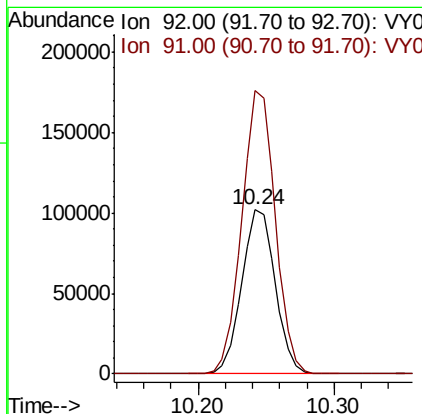
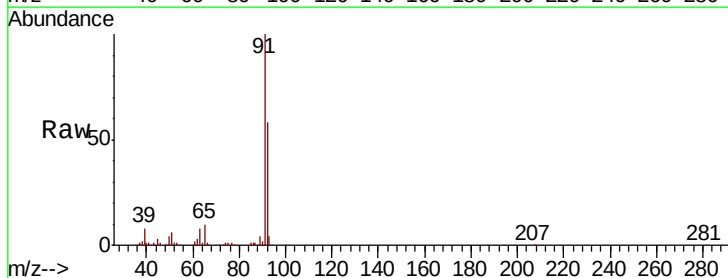
Instrument :
MSVOA_Y
ClientSampled :

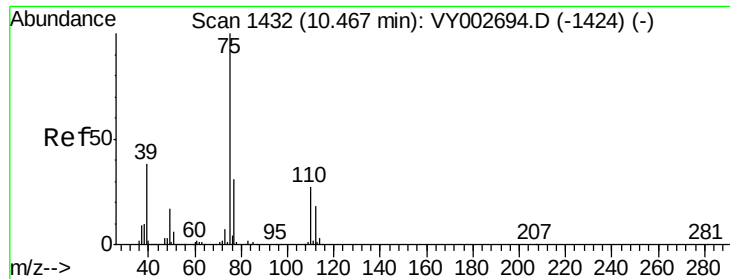
Tot Ion: 43 Resp: 206738
Ion Ratio Lower Upper
43 100
58 41.7 34.1 51.1



#52
Toluene
Concen: 20.765 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 92 Resp: 175670
Ion Ratio Lower Upper
92 100
91 172.5 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 19.816 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

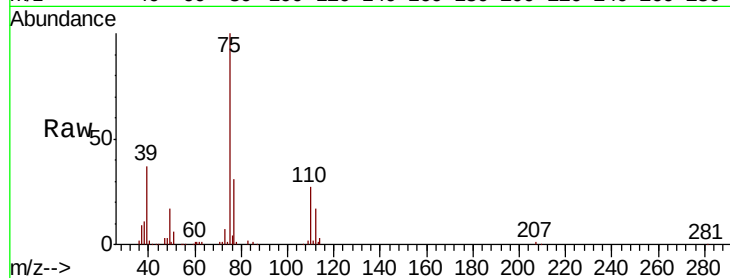
ClientSampleId :

Tot Ion: 75 Resp: 91886

Ion Ratio Lower Upper

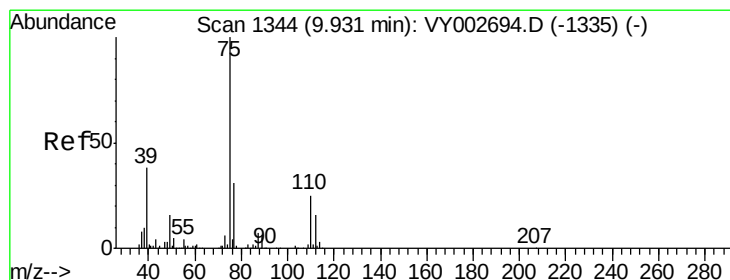
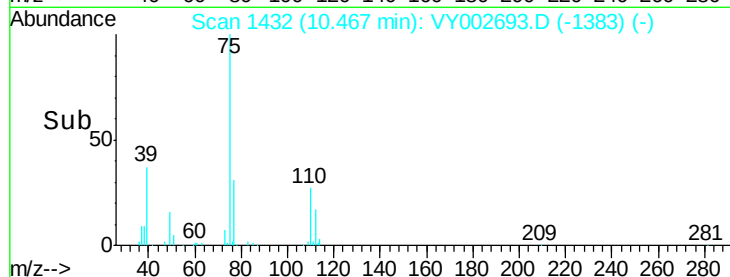
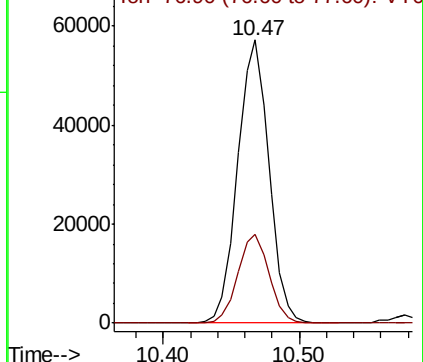
75 100

77 31.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.166 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

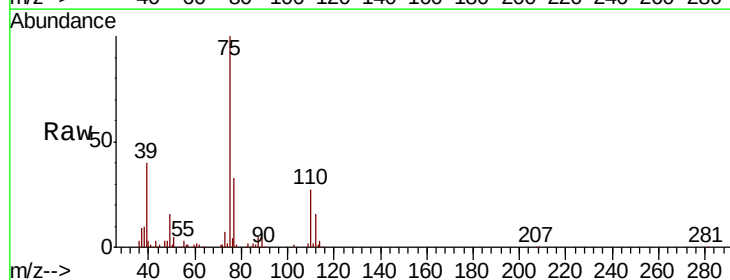
Tgt Ion: 75 Resp: 108438

Ion Ratio Lower Upper

75 100

77 32.8 24.8 37.2

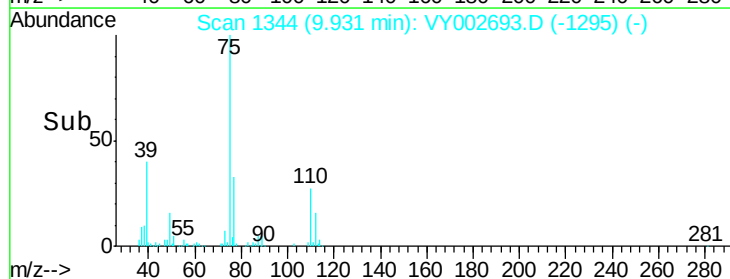
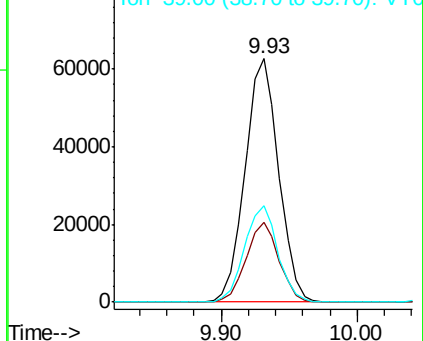
39 39.6 30.7 46.1

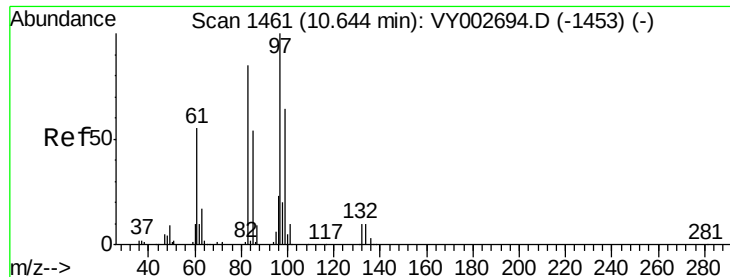


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

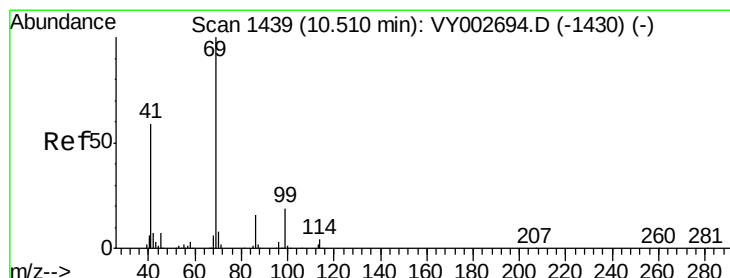
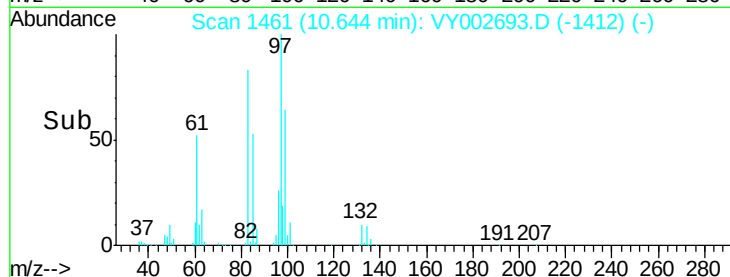
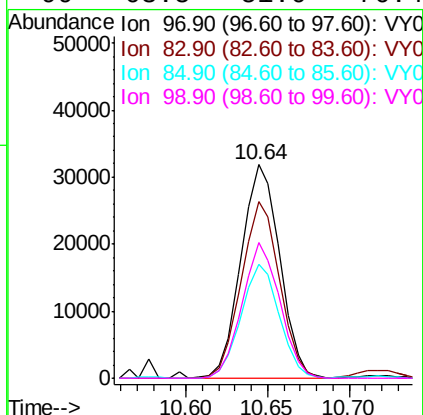
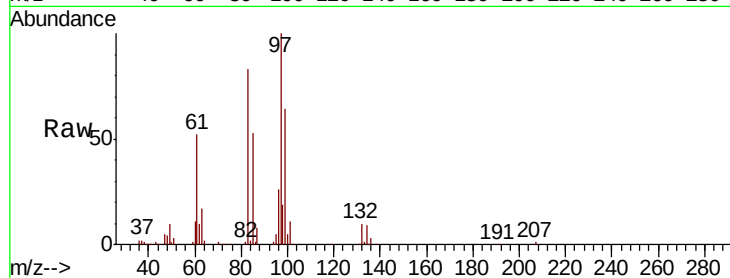




#55
 1,1,2-Trichloroethane
 Concen: 19.974 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

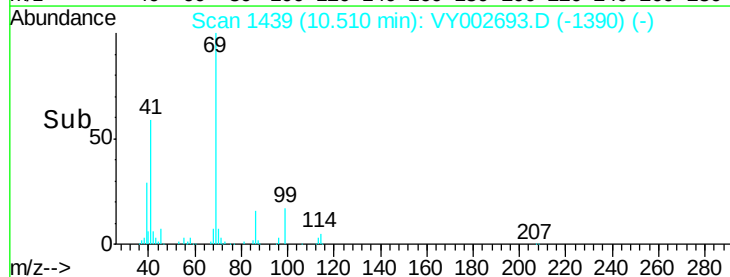
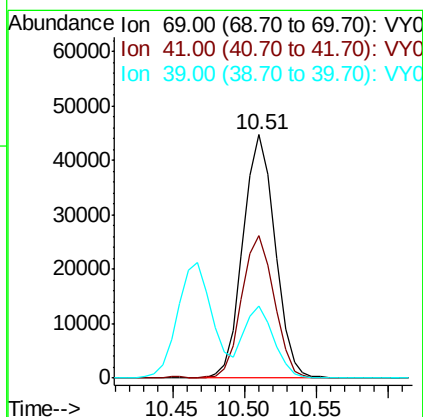
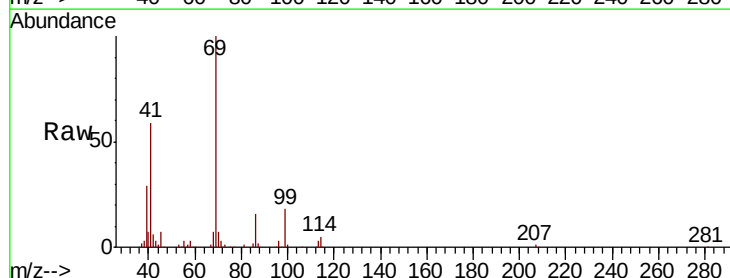
Instrument :
 MSVOA_Y
 ClientSampleId :

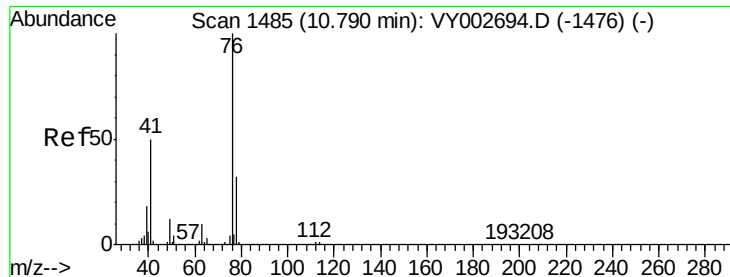
Tot Ion:	97	Resp:	53014
Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.1	102.1
85	53.4	43.1	64.7
99	63.5	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 19.588 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

Tgt Ion:	69	Resp:	69278
Ion	Ratio	Lower	Upper
69	100		
41	58.7	48.0	72.0
39	27.1	22.1	33.1





#57

1,3-Dichloropropane

Concen: 19.624 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

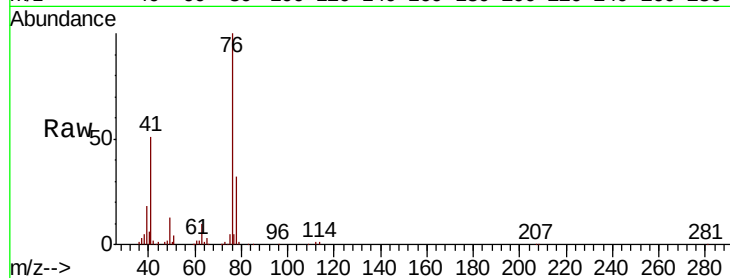
ClientSampleId :

Tot Ion: 76 Resp: 88272

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

60000

50000

40000

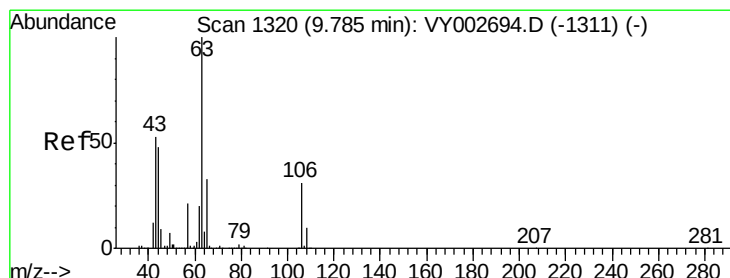
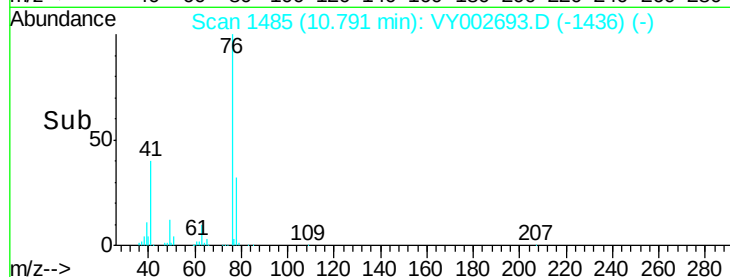
30000

20000

10000

0

Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 89.616 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002693.D

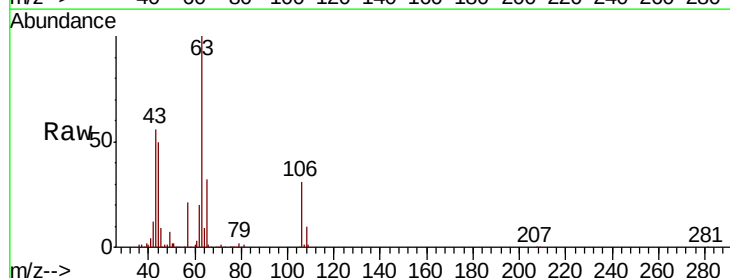
Acq: 15 May 2020 12:12

Tgt Ion: 63 Resp: 167742

Ion Ratio Lower Upper

63 100

106 31.7 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

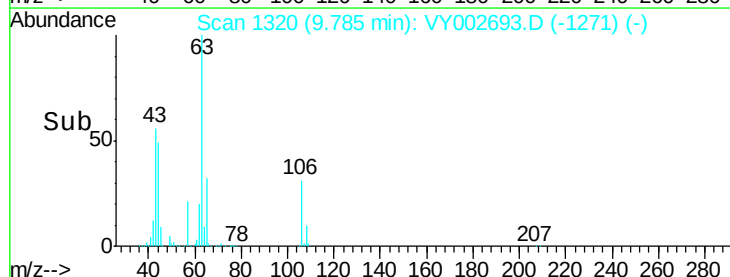
60000

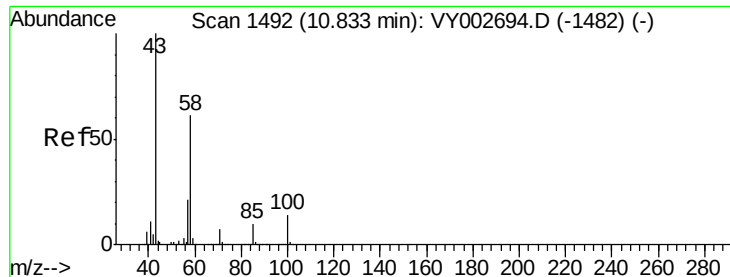
40000

20000

0

Time--> 9.70 9.80 9.90

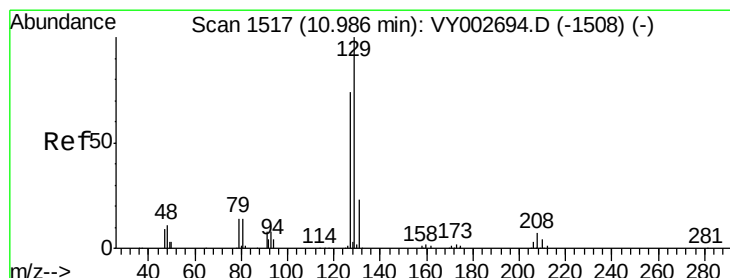
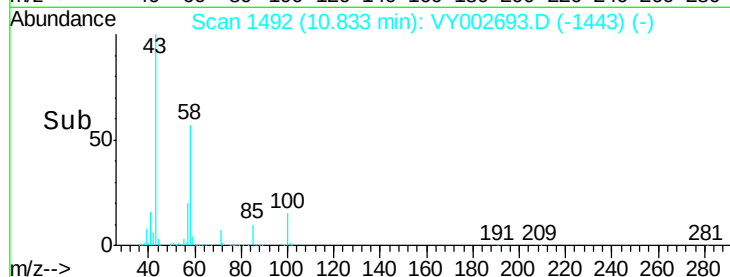
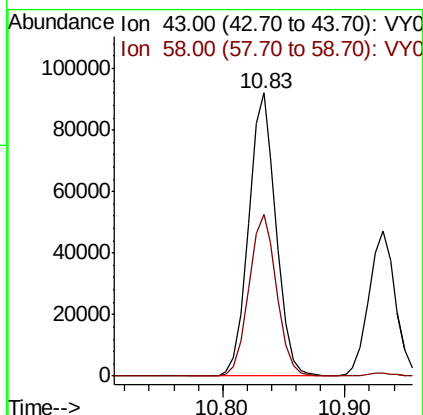
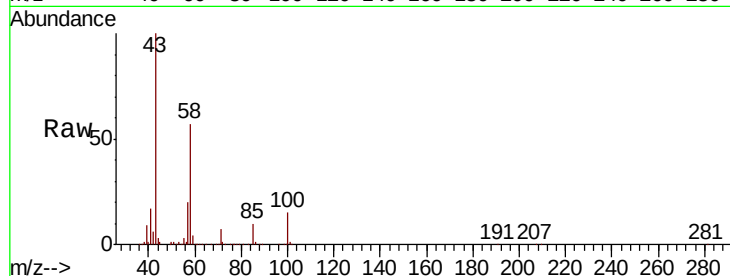




#59
2-Hexanone
Concen: 92.505 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

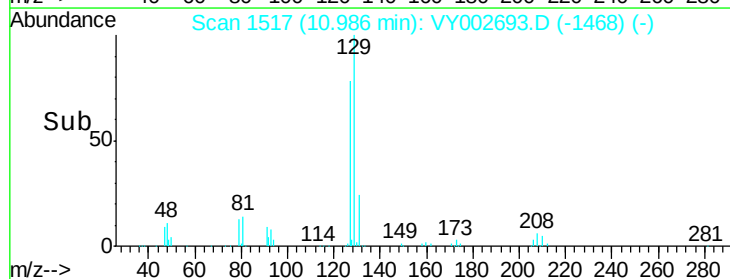
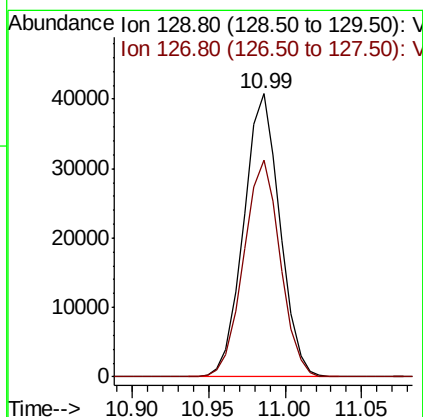
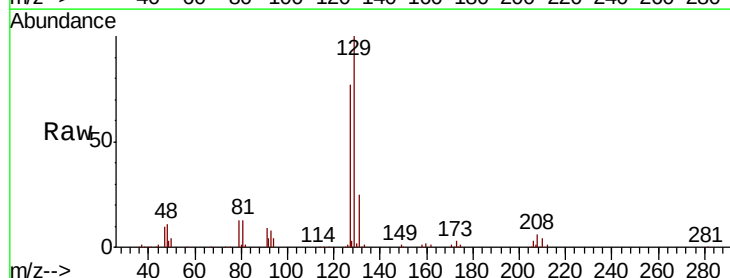
Instrument :
MSVOA_Y
ClientSampled :

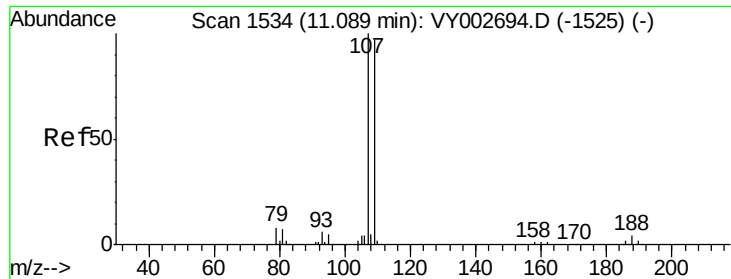
Tot Ion: 43 Resp: 142808
Ion Ratio Lower Upper
43 100
58 58.0 29.8 89.4



#60
Dibromochloromethane
Concen: 19.734 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 129 Resp: 66931
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3

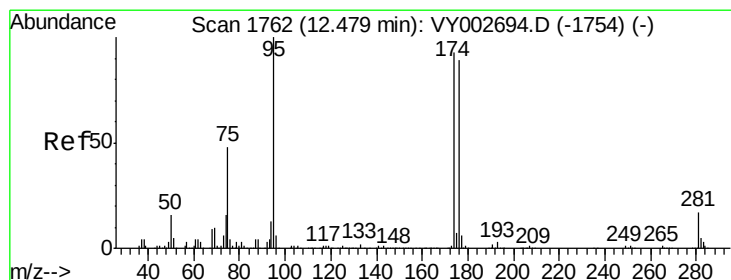
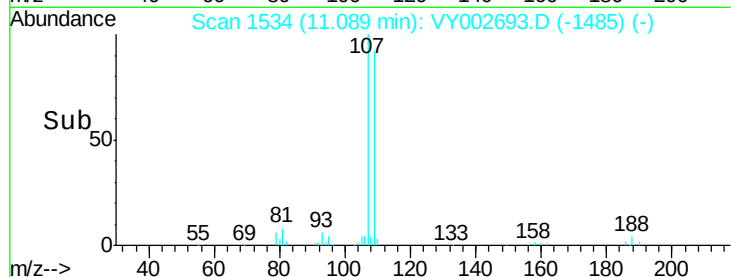
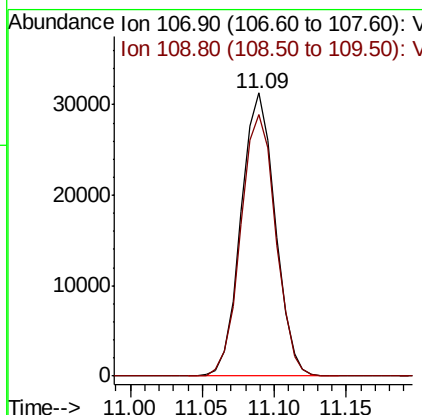
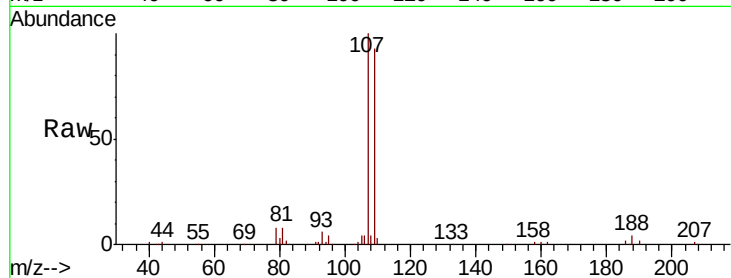




#61
 1,2-Dibromoethane
 Concen: 19.514 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

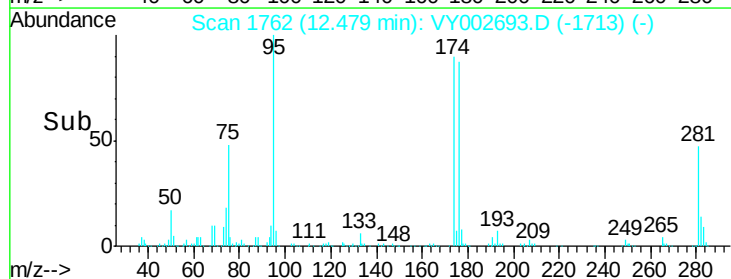
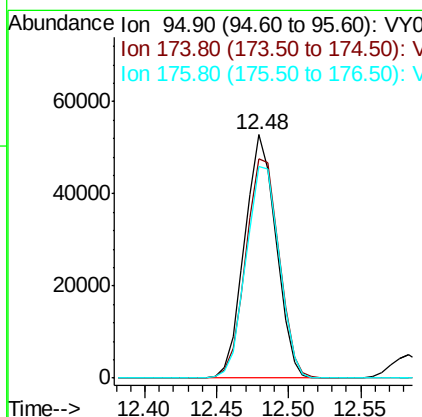
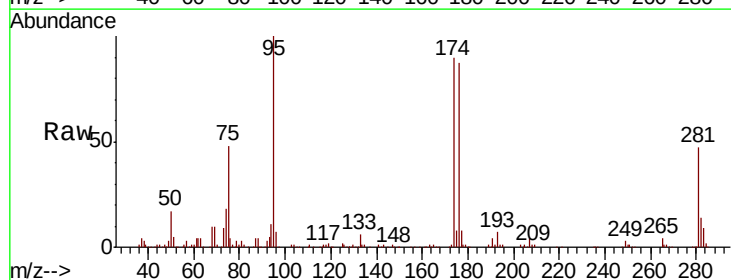
Instrument :
 MSVOA_Y
 ClientSampleId :

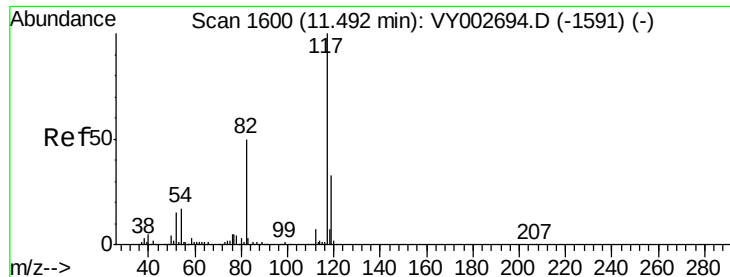
Tot Ion: 107 Resp: 51480
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 19.377 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

Tgt Ion: 95 Resp: 80208
 Ion Ratio Lower Upper
 95 100
 174 94.7 0.0 191.4
 176 91.3 0.0 186.0

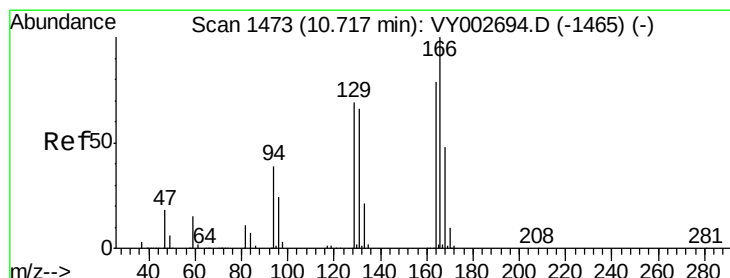
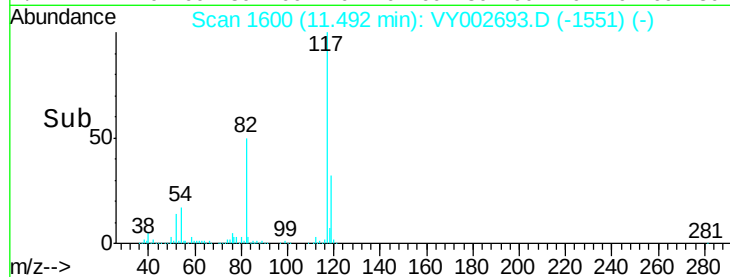
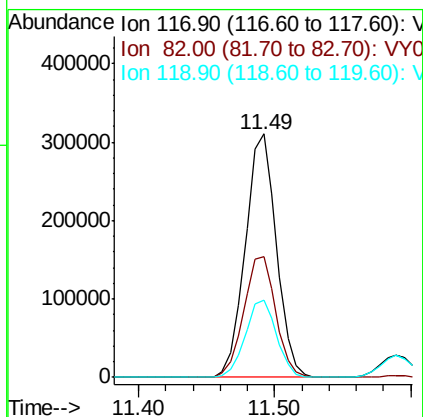
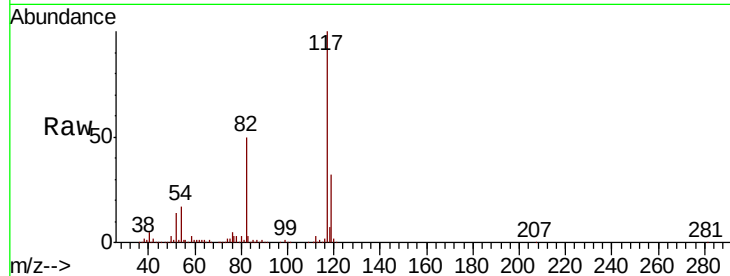




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

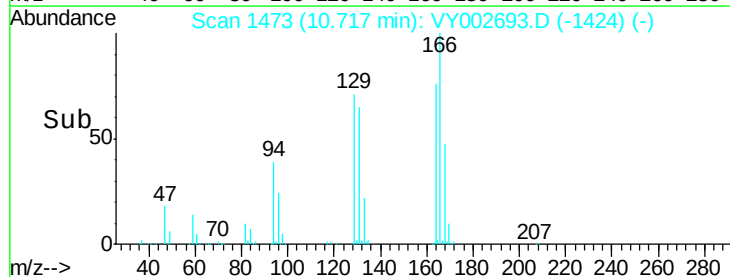
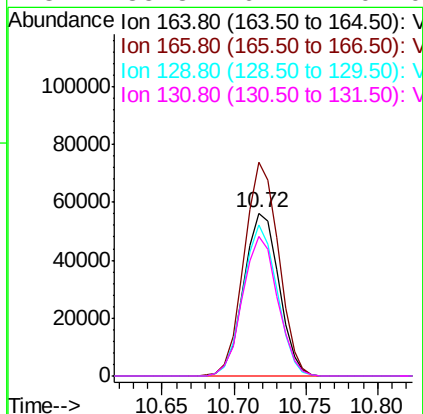
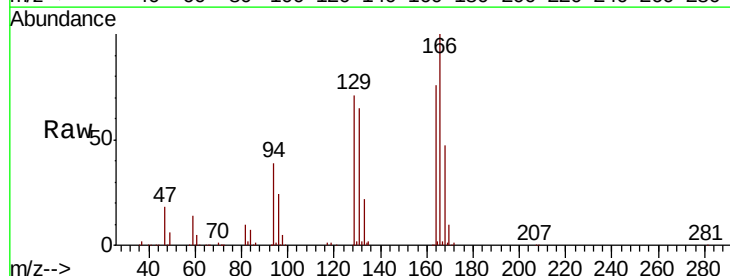
Instrument :
MSVOA_Y
ClientSampled :

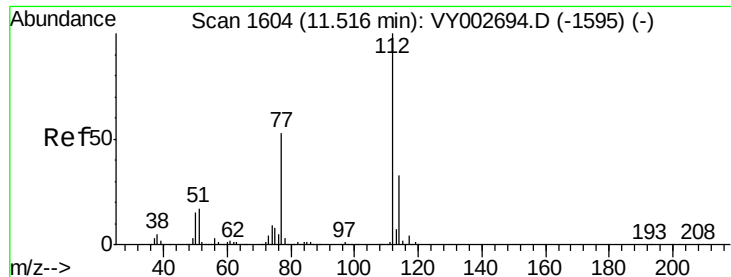
Tot Ion:117 Resp: 496328
Ion Ratio Lower Upper
117 100
82 49.7 40.3 60.5
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 21.437 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion:164 Resp: 95102
Ion Ratio Lower Upper
164 100
166 131.2 101.6 152.4
129 93.1 70.2 105.4
131 85.8 67.4 101.0





#65

Chlorobenzene

Concen: 20.508 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

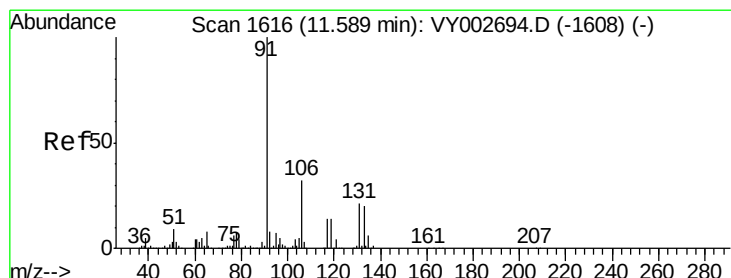
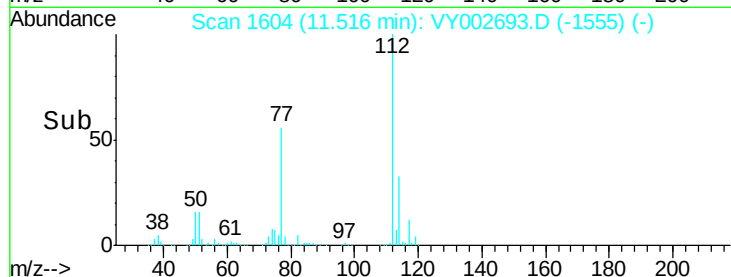
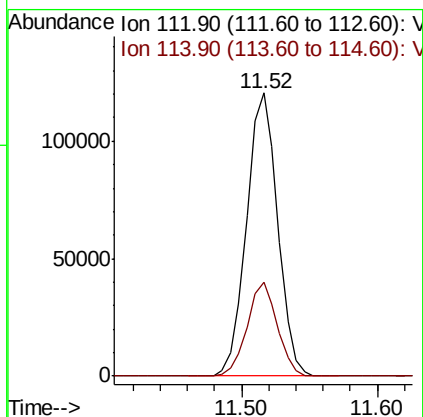
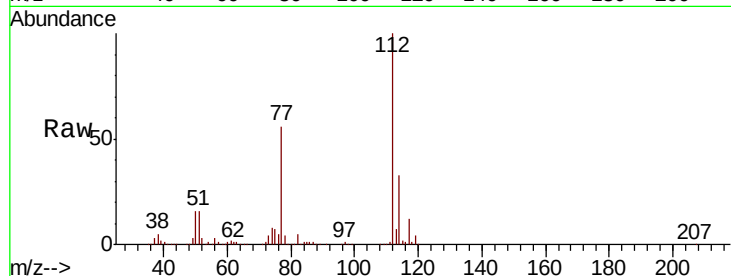
ClientSampleId :

Tot Ion:112 Resp: 193098

Ion Ratio Lower Upper

112 100

114 33.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.157 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

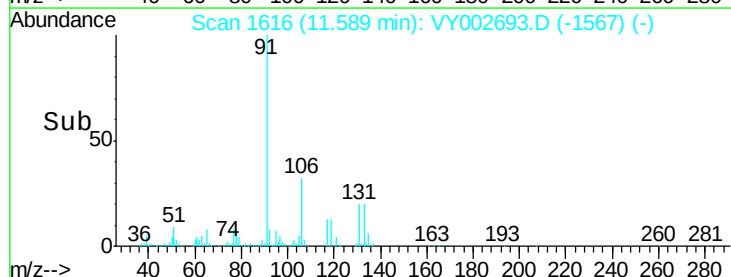
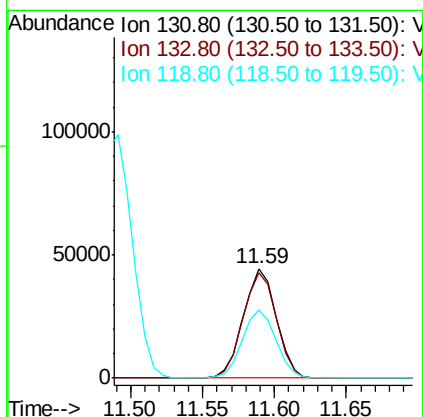
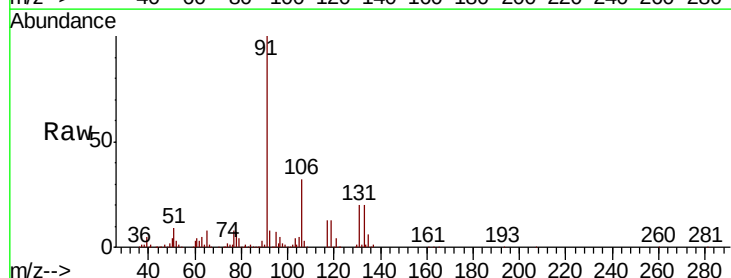
Tgt Ion:131 Resp: 70405

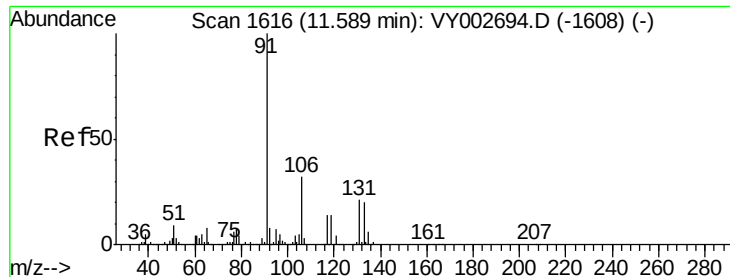
Ion Ratio Lower Upper

131 100

133 98.0 47.4 142.3

119 63.6 31.6 94.8

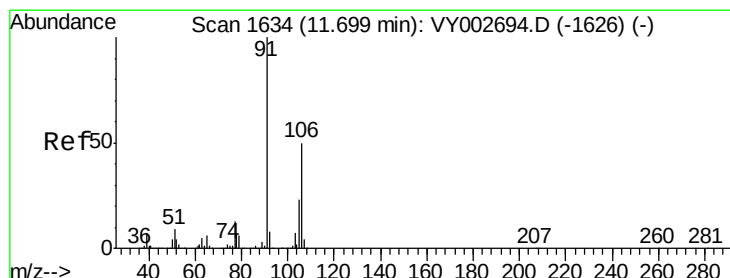
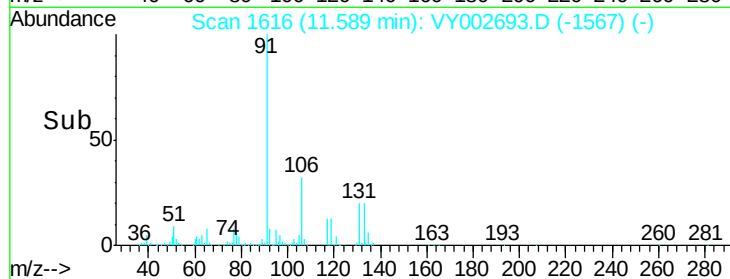
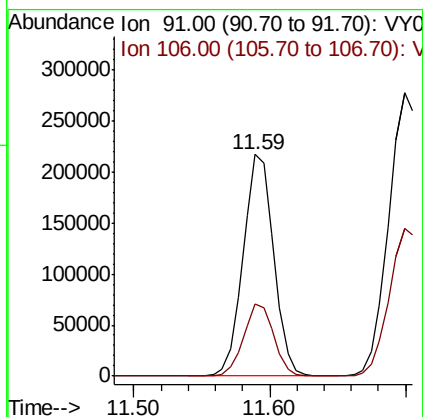
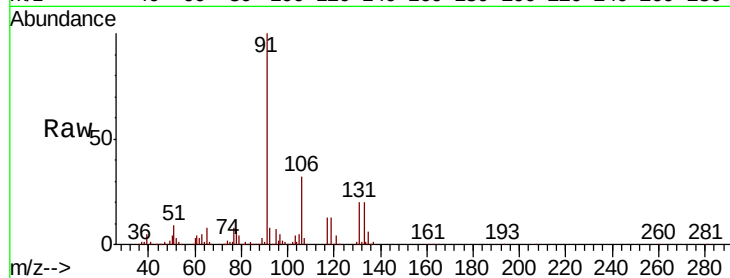




#67
Ethyl Benzene
Concen: 20.611 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

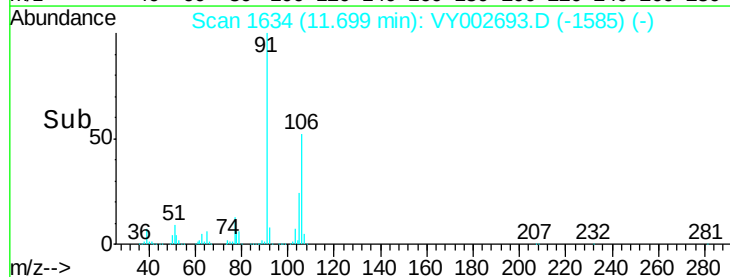
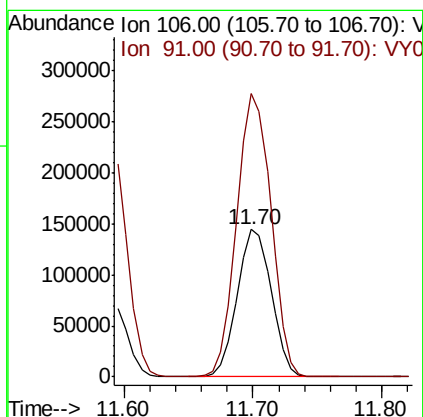
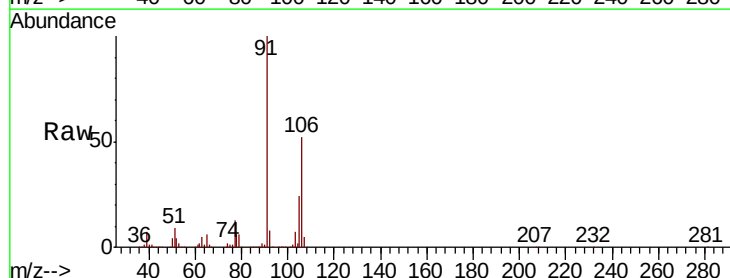
Instrument :
MSVOA_Y
ClientSampleId :

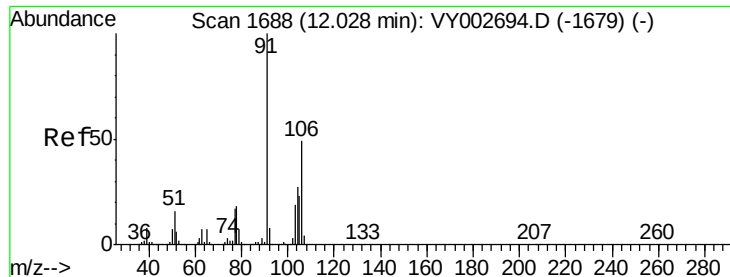
Tot Ion: 91 Resp: 340089
Ion Ratio Lower Upper
91 100
106 32.4 26.0 39.0



#68
m/p-Xylenes
Concen: 41.342 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 106 Resp: 264383
Ion Ratio Lower Upper
106 100
91 194.1 156.2 234.4

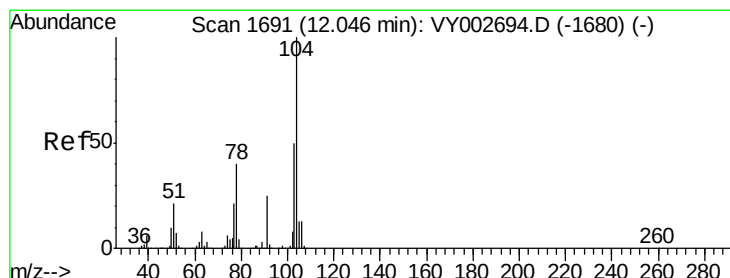
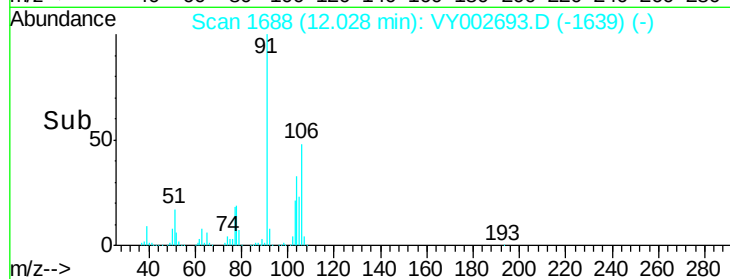
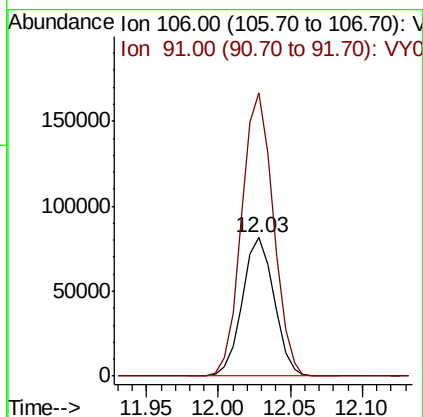
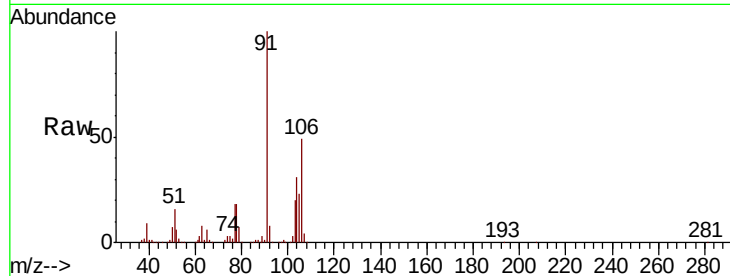




#69
o-Xylene
Concen: 20.729 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

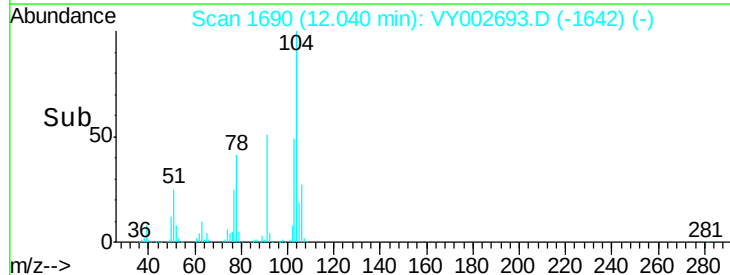
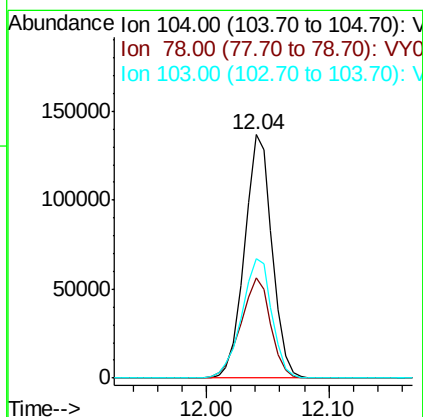
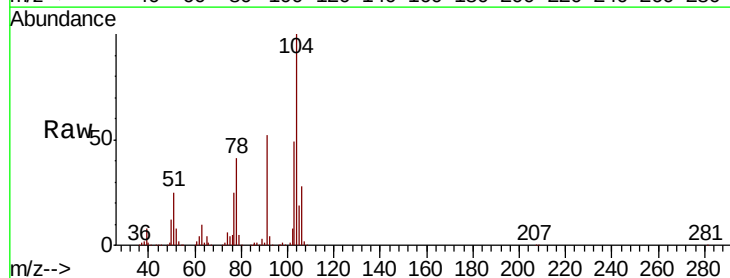
Instrument :
MSVOA_Y
ClientSampled :

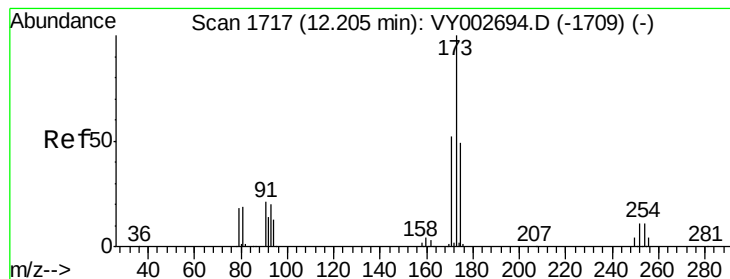
Tot Ion:106 Resp: 124440
Ion Ratio Lower Upper
106 100
91 204.6 103.5 310.3



#70
Styrene
Concen: 20.715 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion:104 Resp: 212337
Ion Ratio Lower Upper
104 100
78 45.1 36.6 54.8
103 54.2 44.1 66.1





#71

Bromoform

Concen: 19.961 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

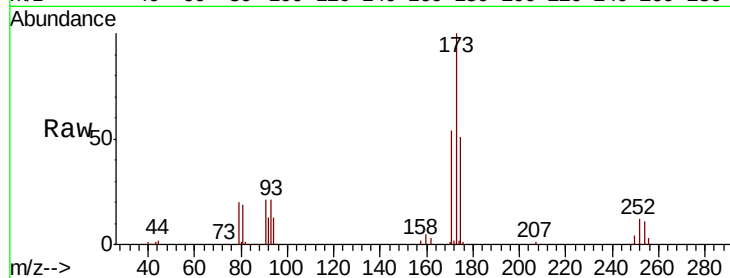
Tot Ion:173 Resp: 43247

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

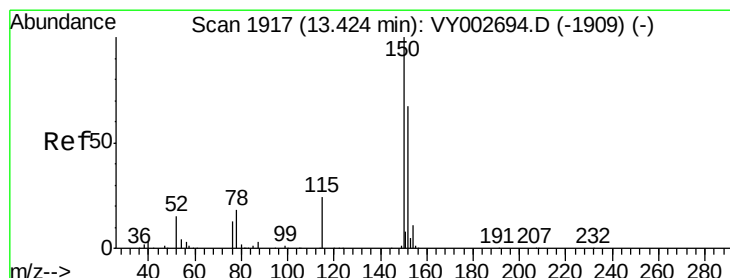
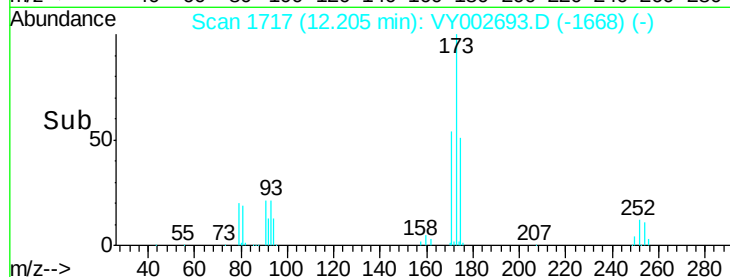
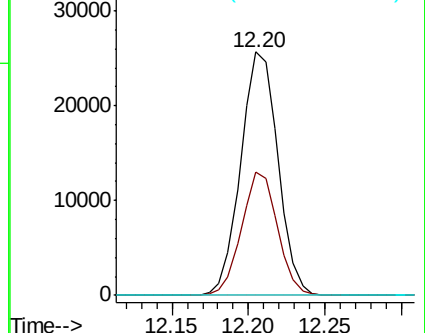
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

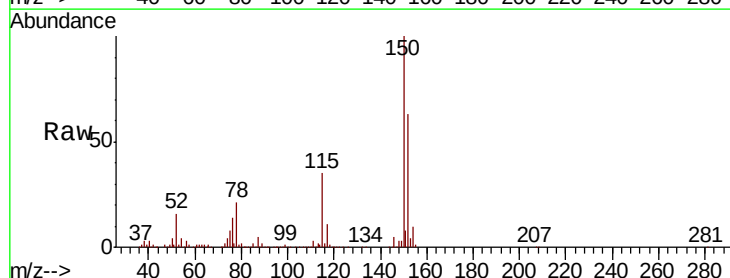
Tgt Ion:152 Resp: 259626

Ion Ratio Lower Upper

152 100

115 54.1 27.2 81.6

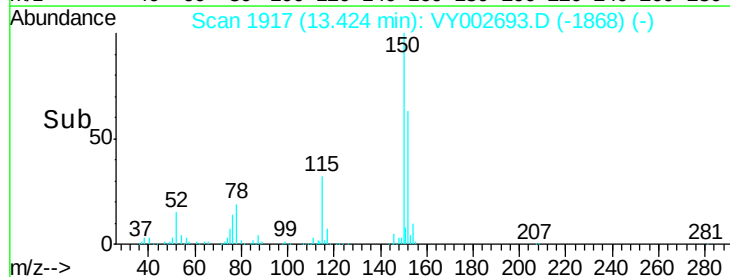
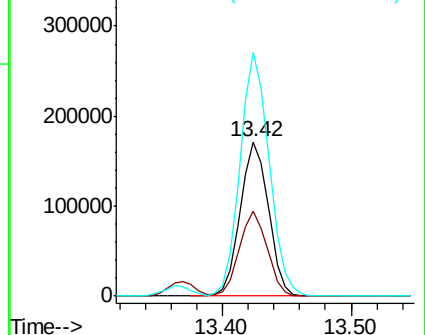
150 163.2 0.0 343.8

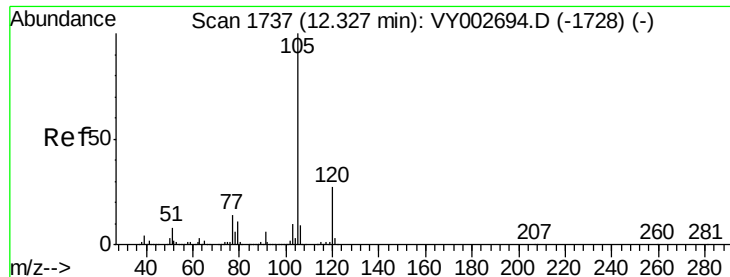


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.321 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

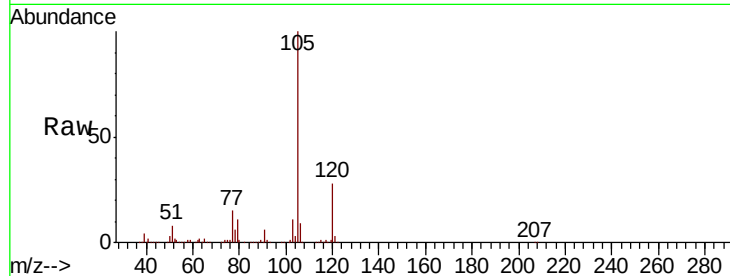
ClientSampleId :

Tot Ion:105 Resp: 340044

Ion Ratio Lower Upper

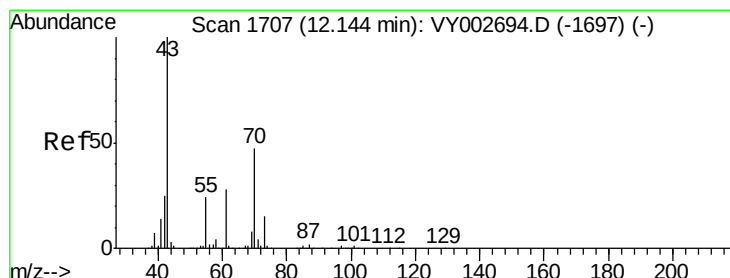
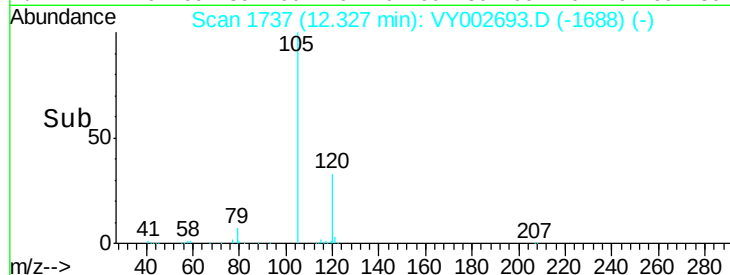
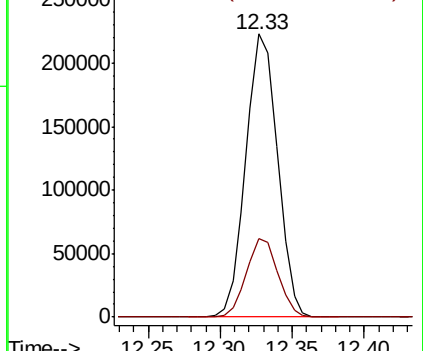
105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.800 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Tgt Ion: 43 Resp: 75252

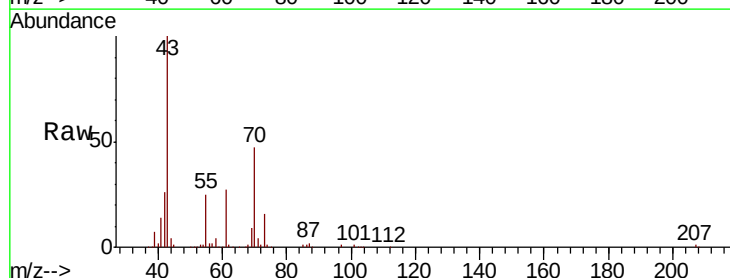
Ion Ratio Lower Upper

43 100

70 47.6 37.7 56.5

55 25.0 19.4 29.0

61 26.6 21.3 31.9

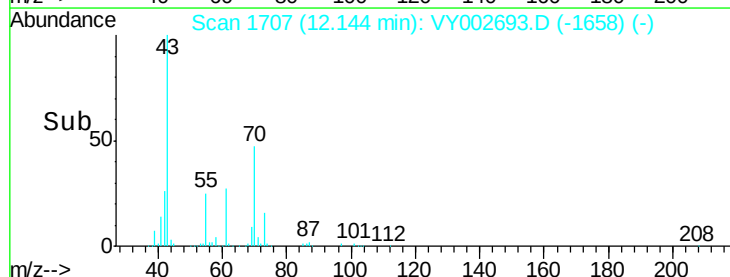
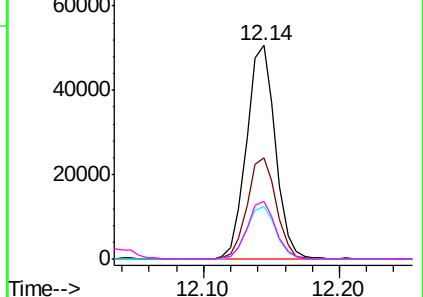


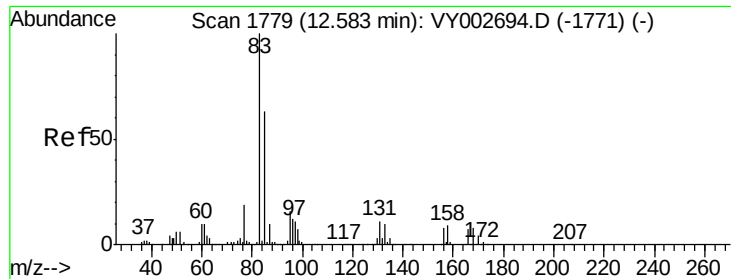
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.213 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

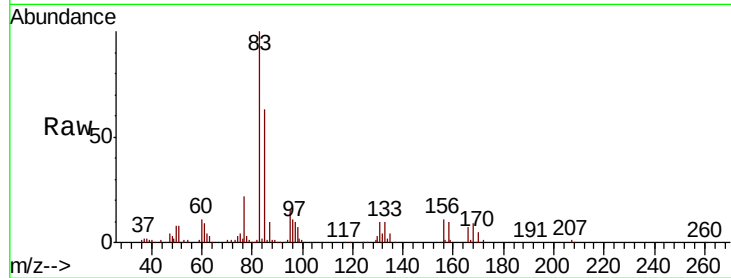
Tot Ion: 83 Resp: 47811

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.3

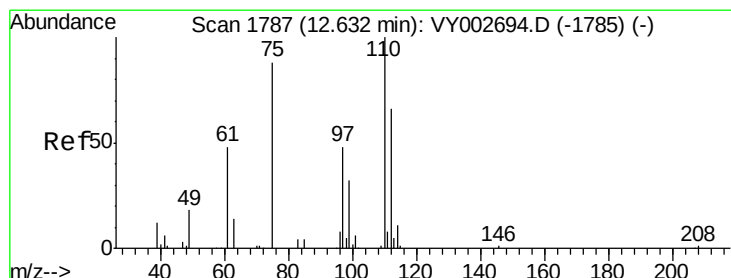
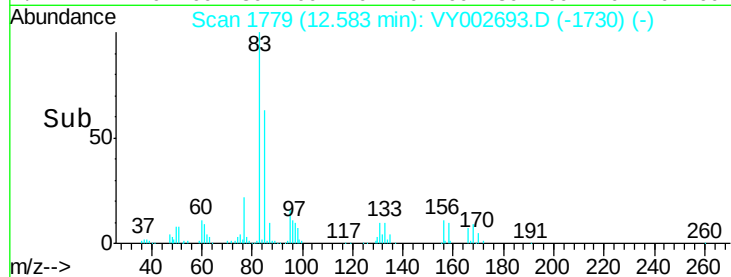
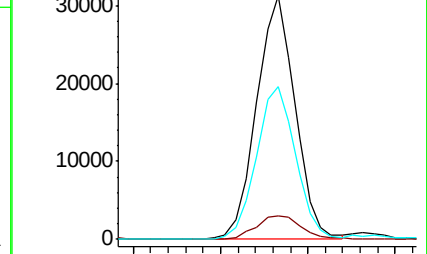
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002693.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002693.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002693.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 34.945 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002693.D

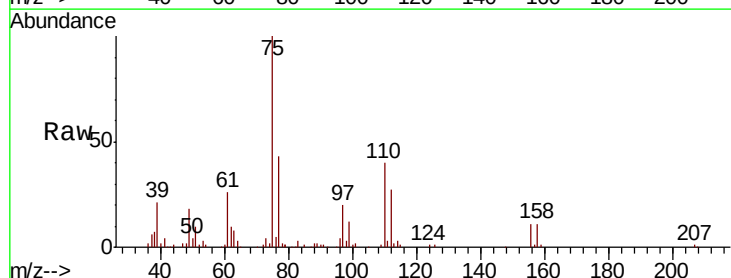
Acq: 15 May 2020 12:12

Tgt Ion: 75 Resp: 78656

Ion Ratio Lower Upper

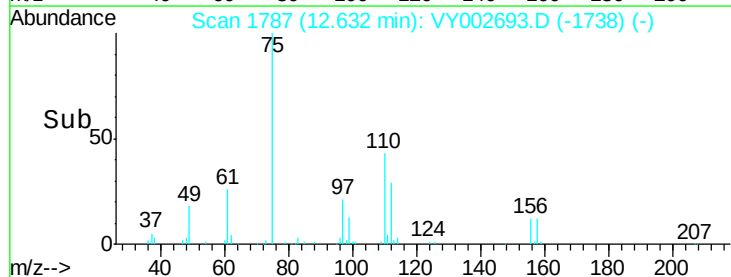
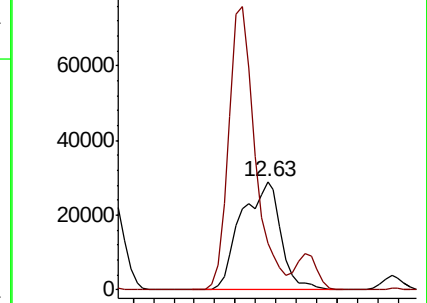
75 100

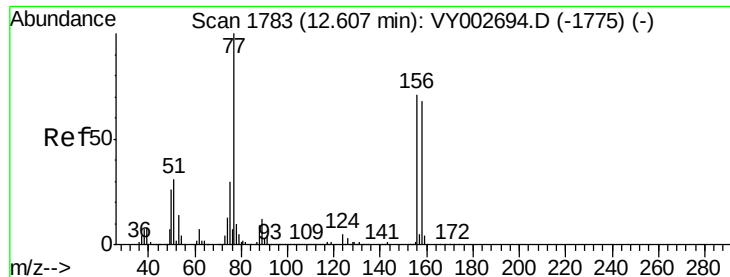
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002693.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002693.D (-1738) (-)





#77

Bromobenzene

Concen: 19.907 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

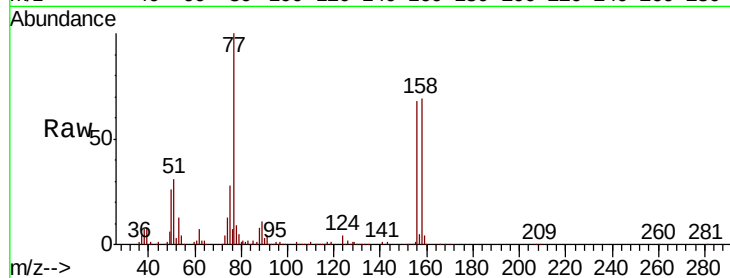
Tot Ion:156 Resp: 83213

Ion Ratio Lower Upper

156 100

77 164.7 80.8 242.3

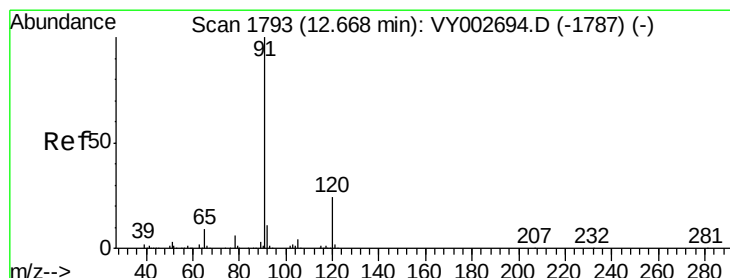
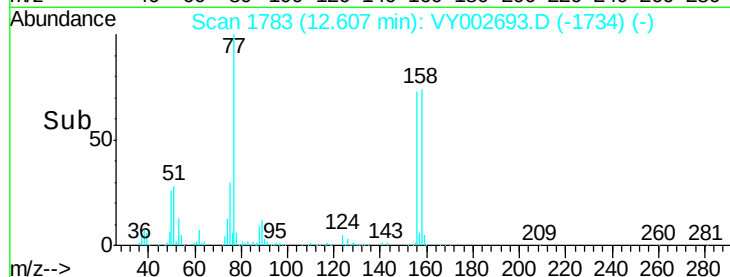
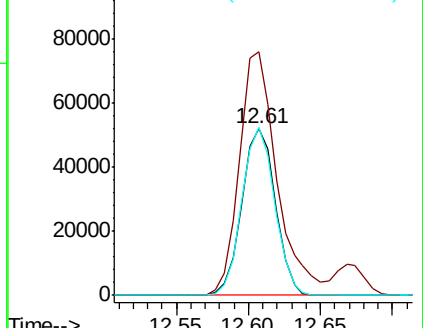
158 99.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.571 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002693.D

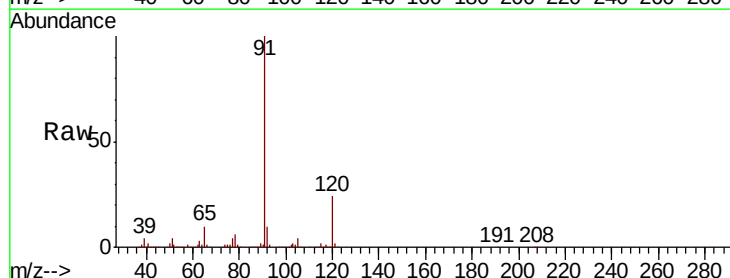
Acq: 15 May 2020 12:12

Tgt Ion: 91 Resp: 399447

Ion Ratio Lower Upper

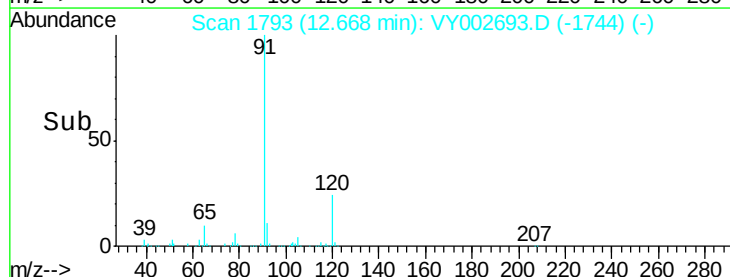
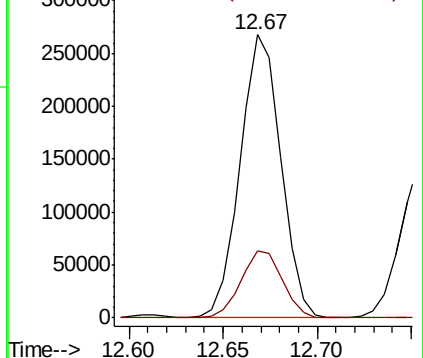
91 100

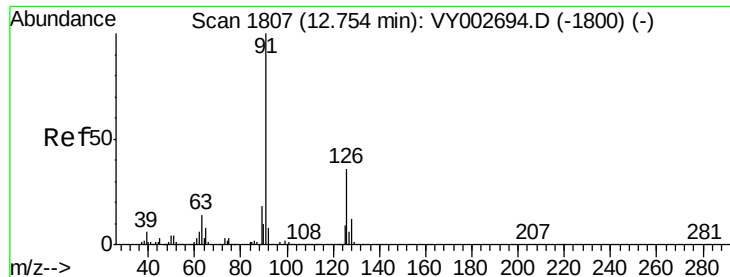
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.282 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

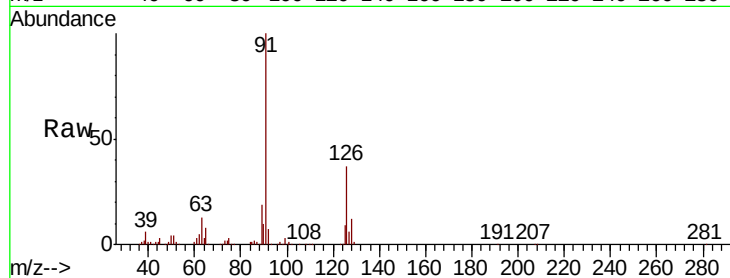
ClientSampleId :

Tot Ion: 91 Resp: 218360

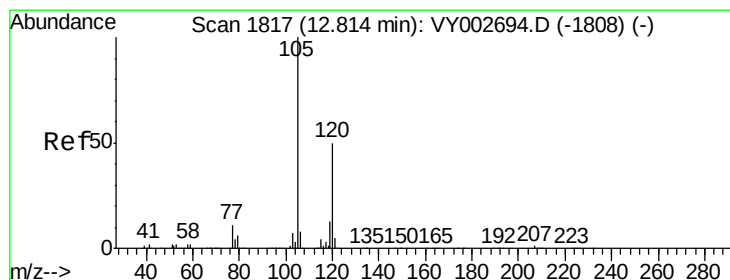
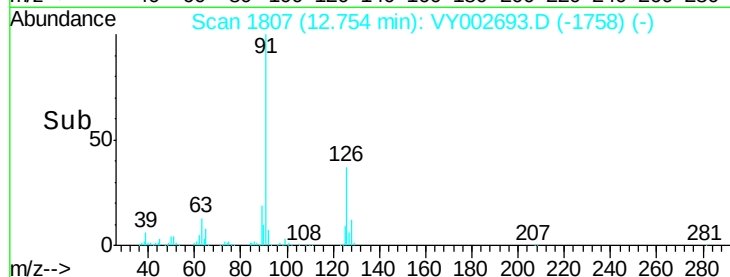
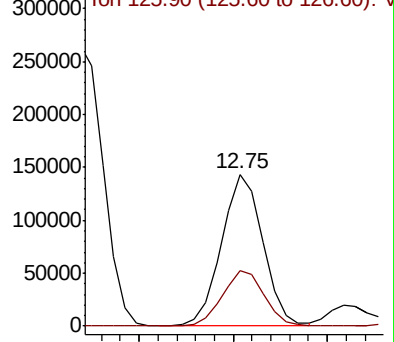
Ion Ratio Lower Upper

91 100

126 37.1 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VY002693.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.509 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002693.D

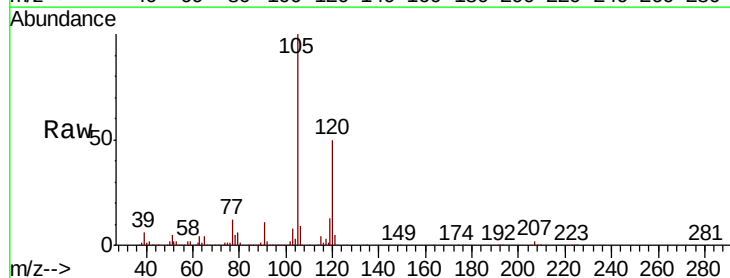
Acq: 15 May 2020 12:12

Tgt Ion: 105 Resp: 284723

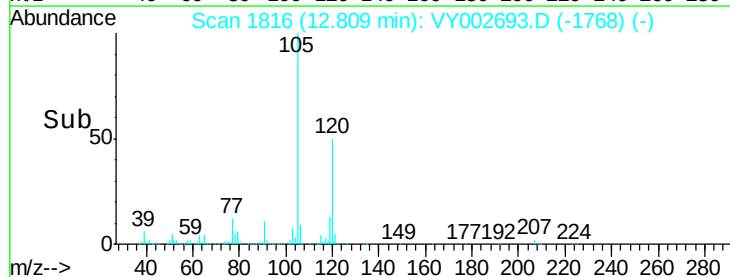
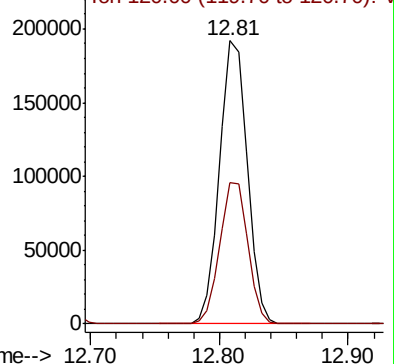
Ion Ratio Lower Upper

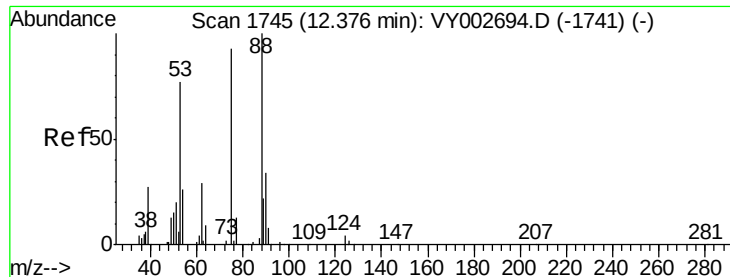
105 100

120 50.5 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY002693.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.850 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

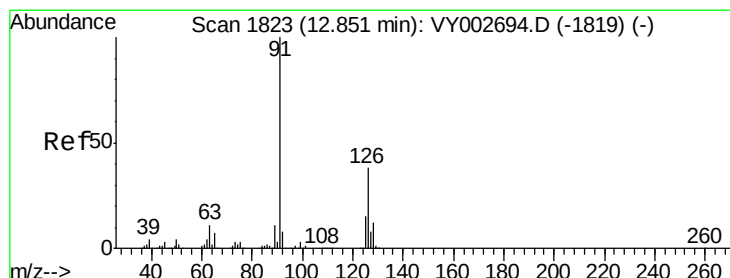
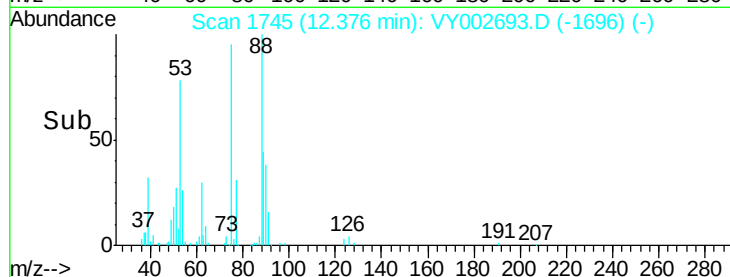
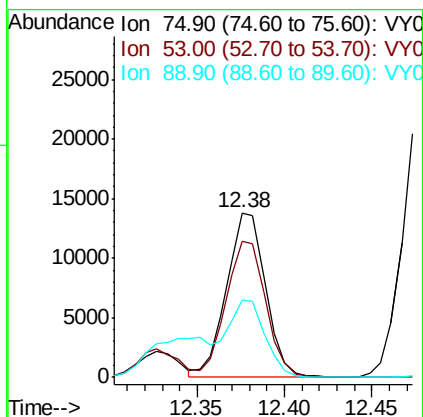
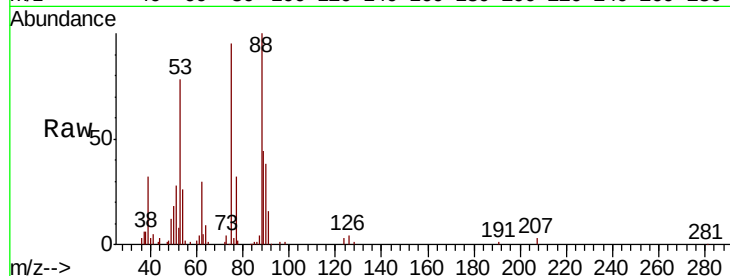
Tot Ion: 75 Resp: 21427

Ion Ratio Lower Upper

75 100

53 83.8 65.0 97.6

89 46.0 66.6 99.8#



#82

4-Chlorotoluene

Concen: 20.052 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002693.D

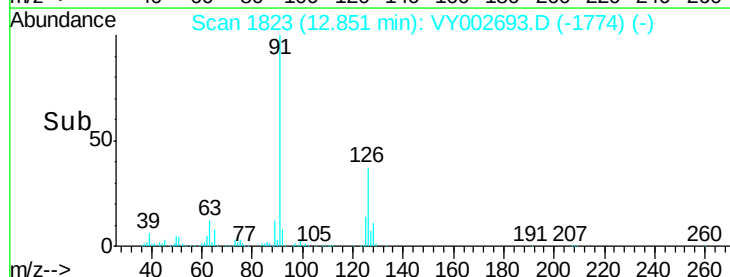
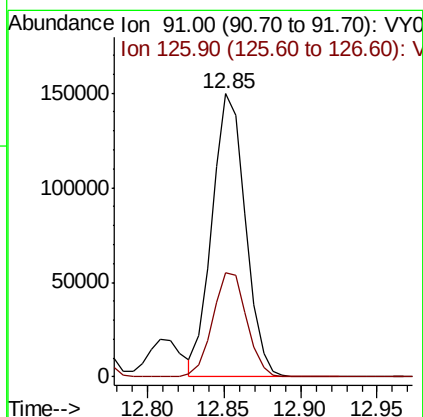
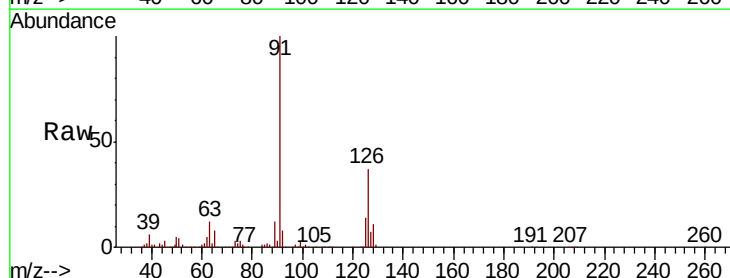
Acq: 15 May 2020 12:12

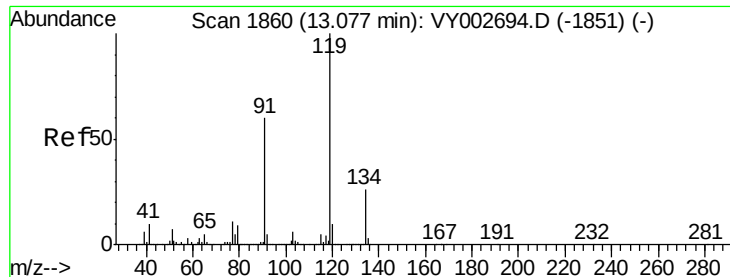
Tgt Ion: 91 Resp: 226338

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0





#83

tert-Butylbenzene

Concen: 20.788 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

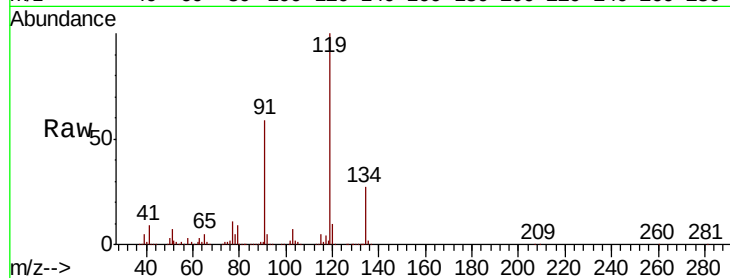
Tot Ion:119 Resp: 252994

Ion Ratio Lower Upper

119 100

91 60.3 30.4 91.2

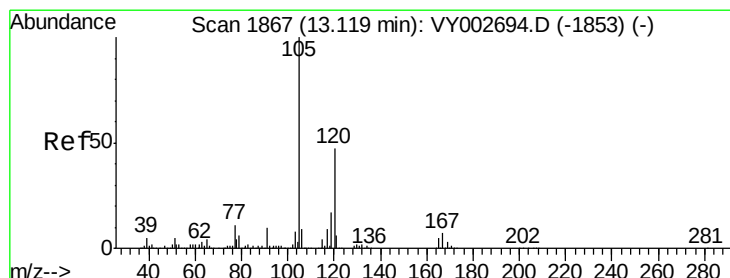
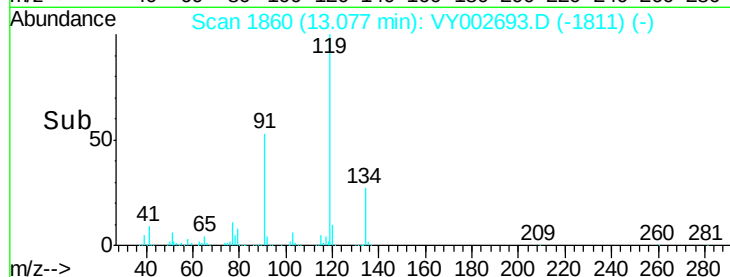
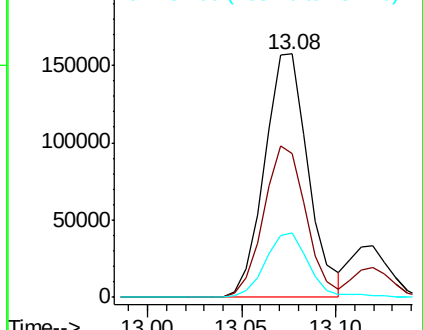
134 26.4 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.773 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002693.D

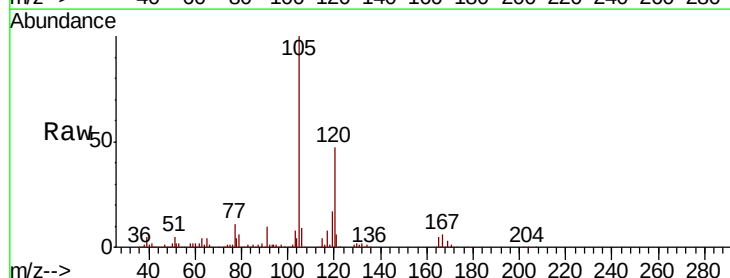
Acq: 15 May 2020 12:12

Tgt Ion:105 Resp: 287699

Ion Ratio Lower Upper

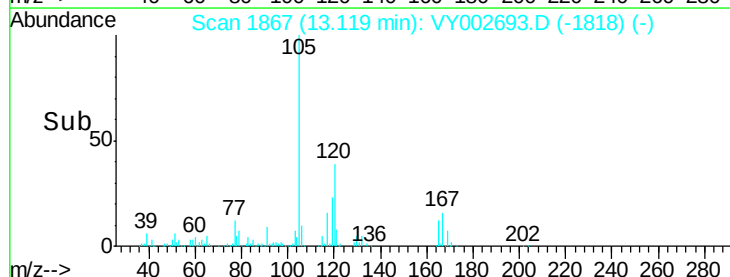
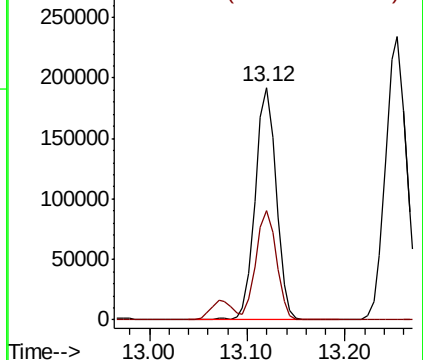
105 100

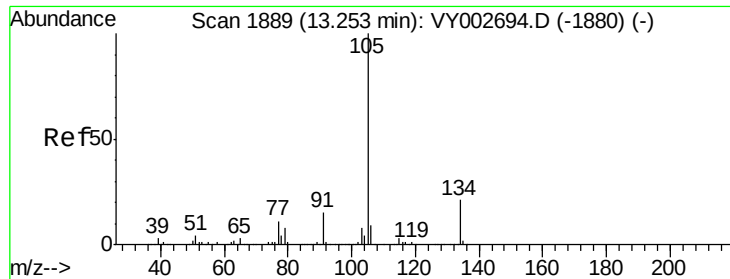
120 45.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.637 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

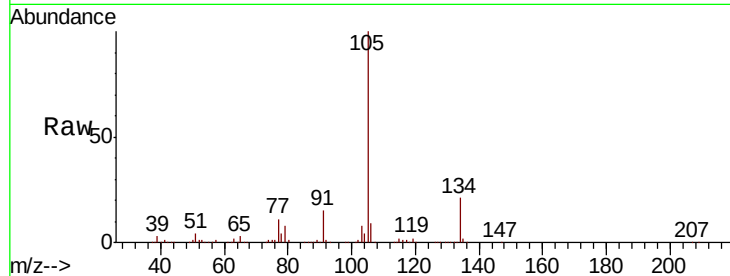
ClientSampleId :

Tot Ion:105 Resp: 348574

Ion Ratio Lower Upper

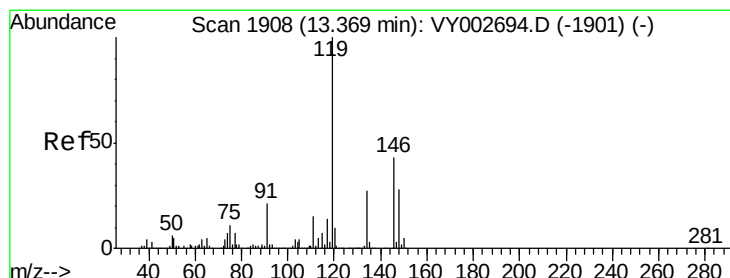
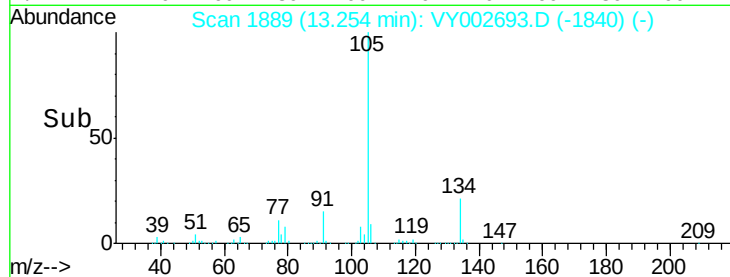
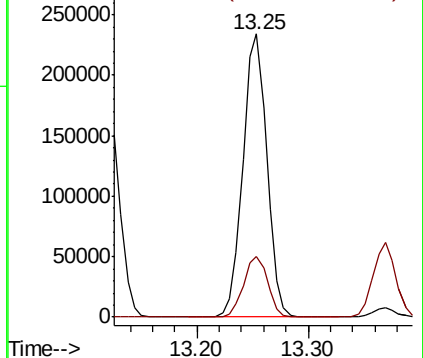
105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.708 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

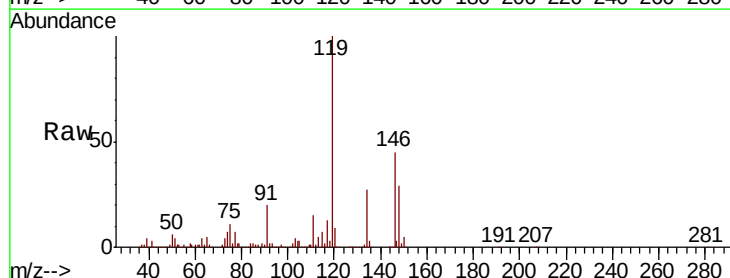
Tgt Ion:119 Resp: 327758

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

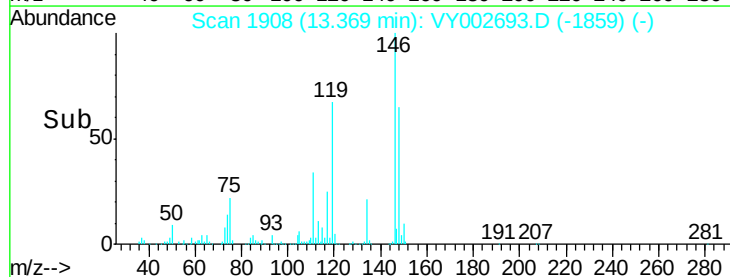
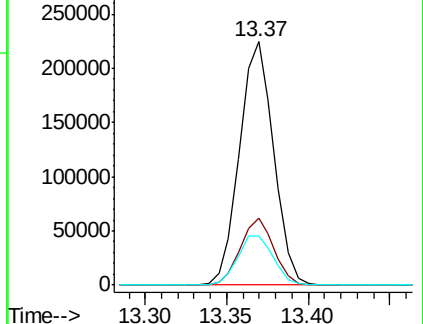
91 21.1 10.8 32.3

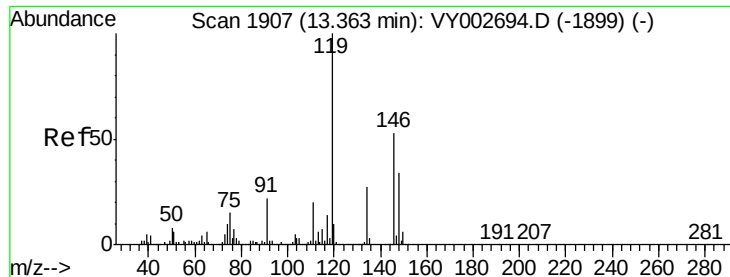


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

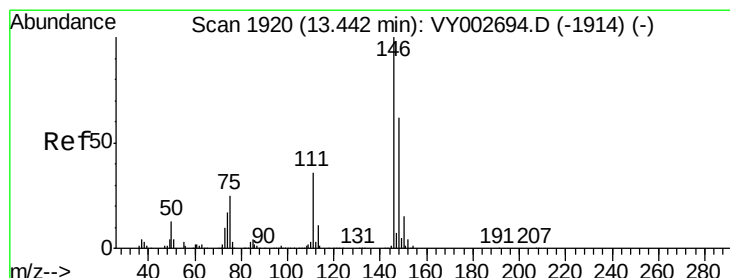
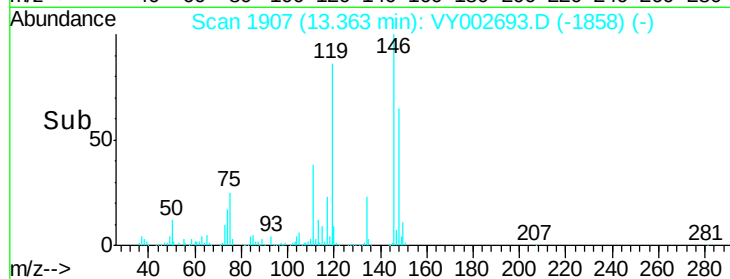
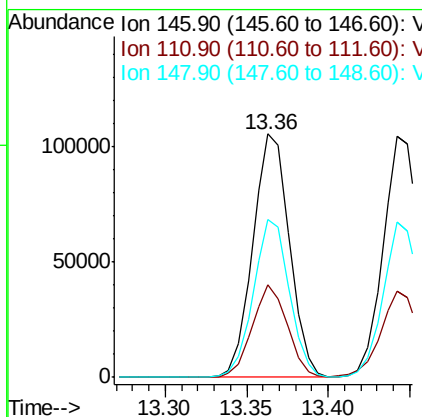
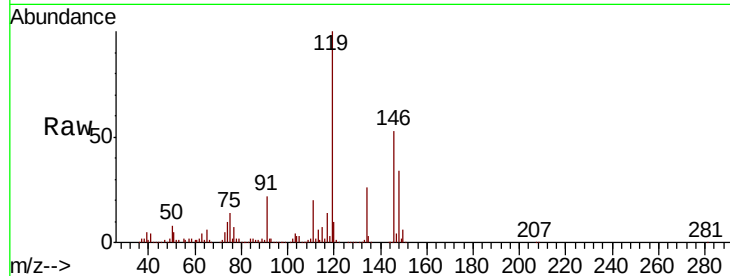




#87
 1,3-Dichlorobenzene
 Concen: 20.711 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

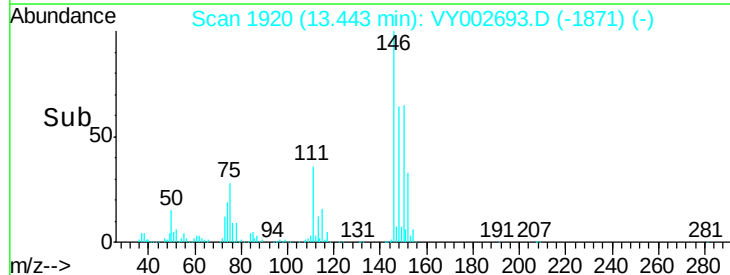
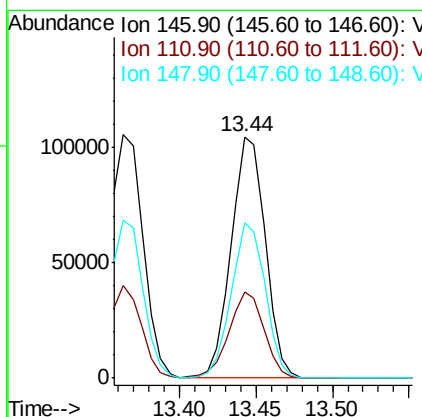
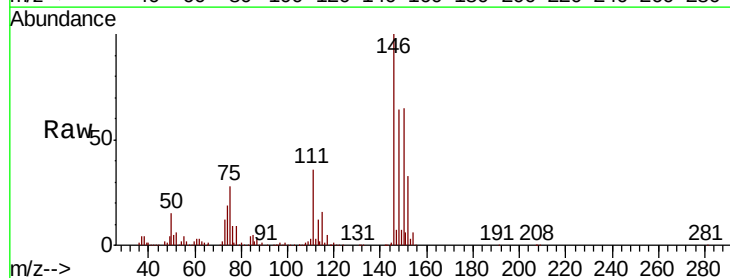
Instrument :
 MSVOA_Y
 ClientSampled :

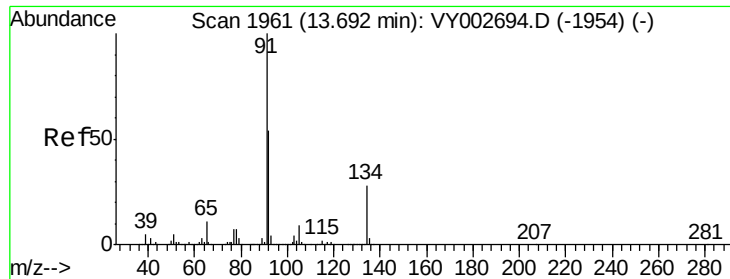
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.5	55.5
148	63.7	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.640 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.4
148	64.4	31.8	95.3

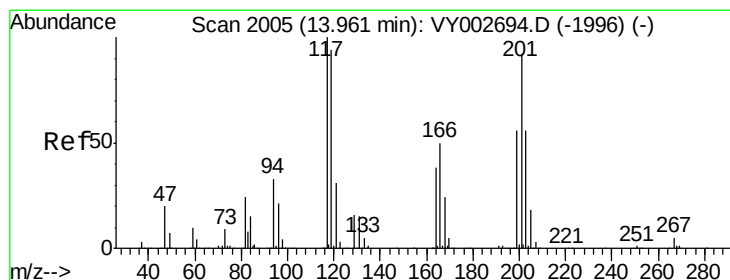
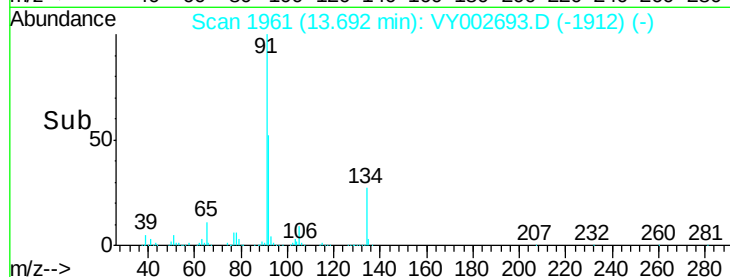
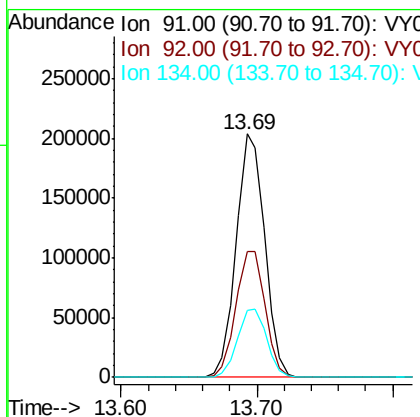
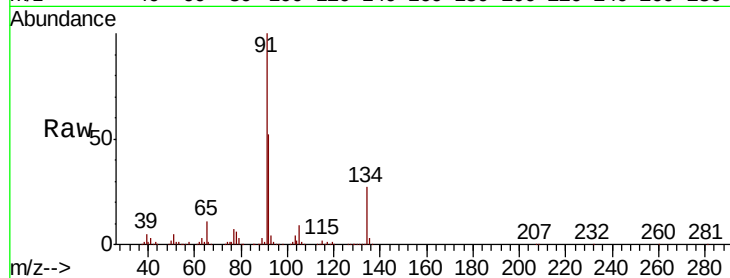




#89
n-Butylbenzene
Concen: 20.590 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

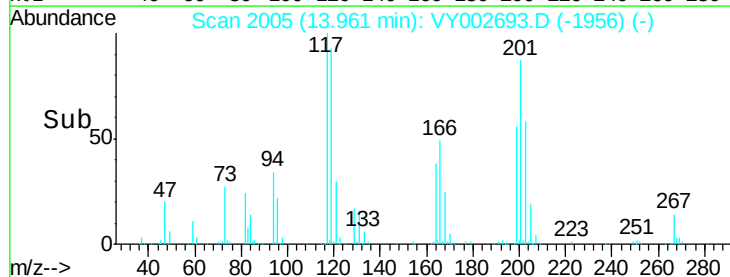
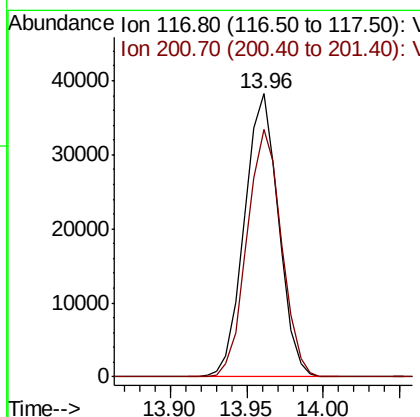
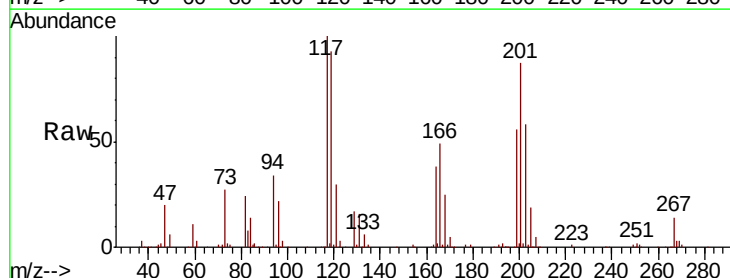
Instrument :
MSVOA_Y
ClientSampled :

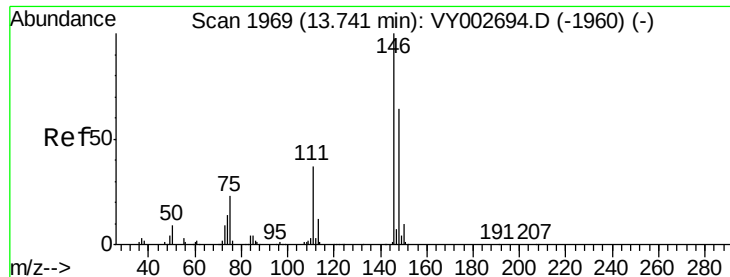
Tot Ion: 91 Resp: 297070
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.4
134 28.8 14.5 43.5



#90
Hexachloroethane
Concen: 20.490 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002693.D
Acq: 15 May 2020 12:12

Tgt Ion: 117 Resp: 59286
Ion Ratio Lower Upper
117 100
201 88.5 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.398 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

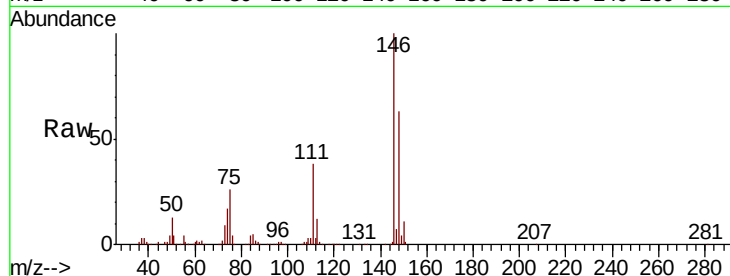
Tot Ion:146 Resp: 144273

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.1

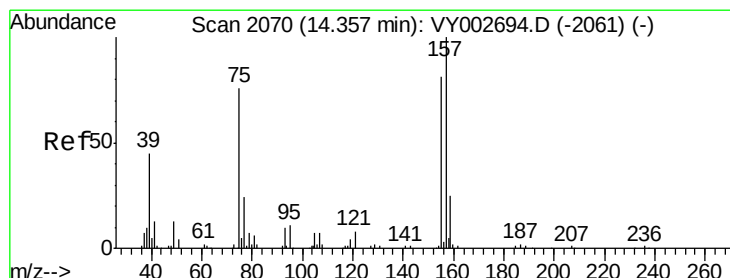
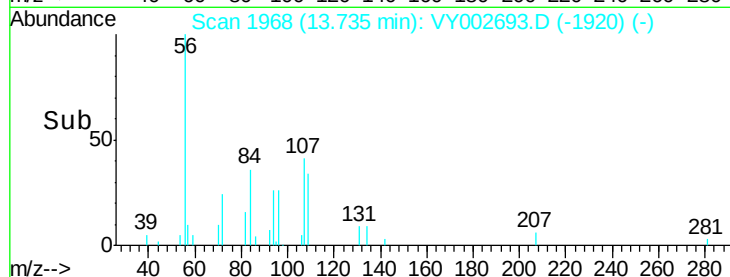
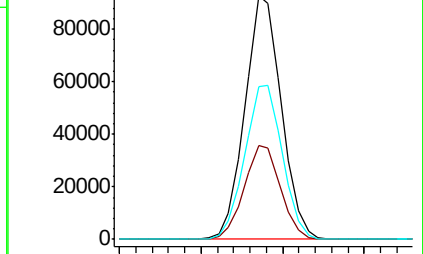
148 65.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.773 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

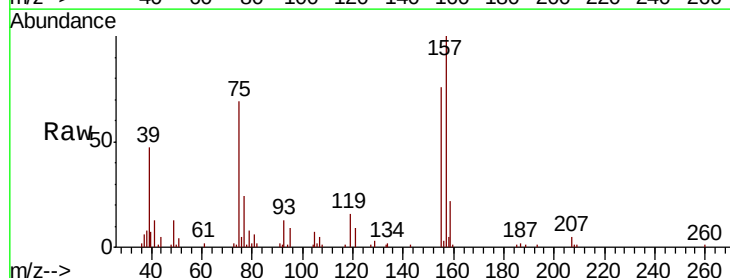
Tgt Ion: 75 Resp: 8750

Ion Ratio Lower Upper

75 100

155 105.8 53.5 160.7

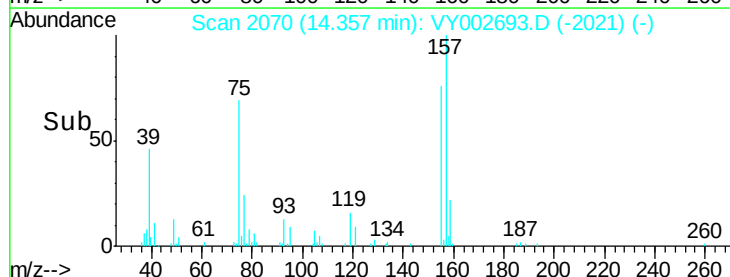
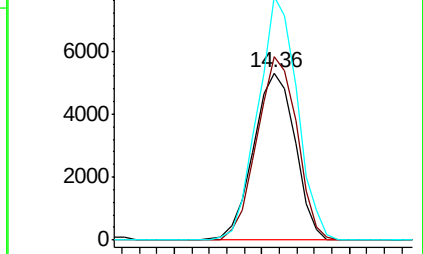
157 138.3 67.9 203.7

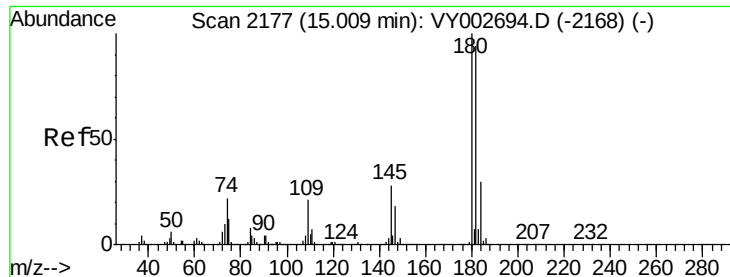


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

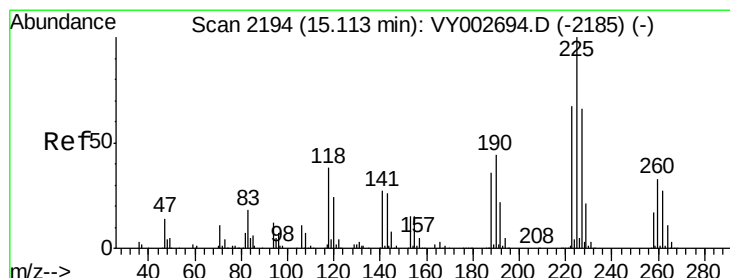
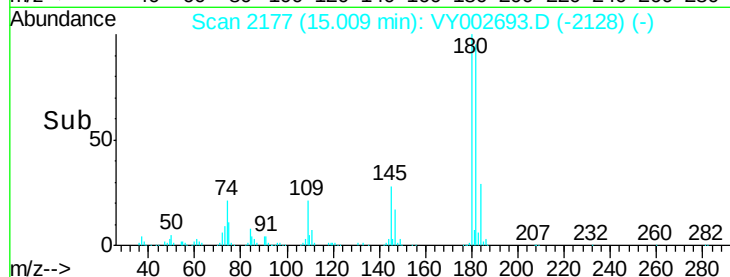
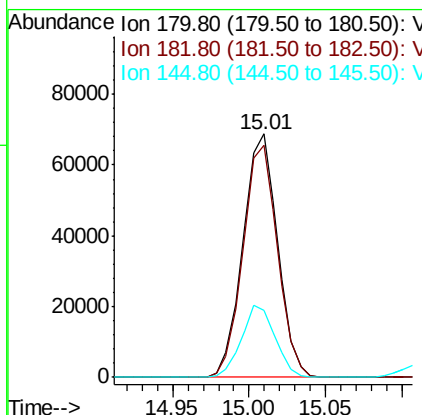
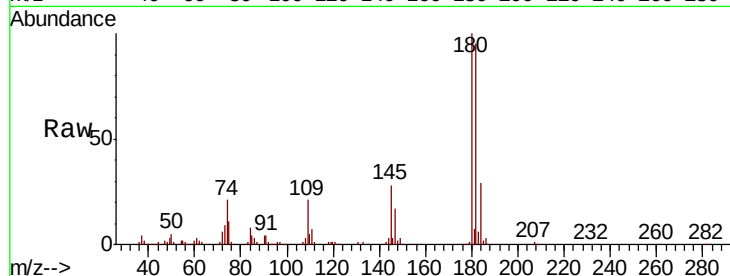




#93
 1,2,4-Trichlorobenzene
 Concen: 21.021 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

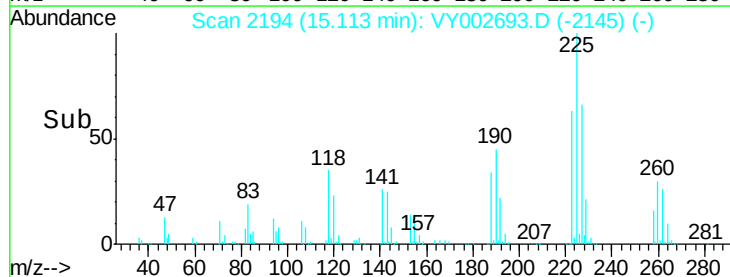
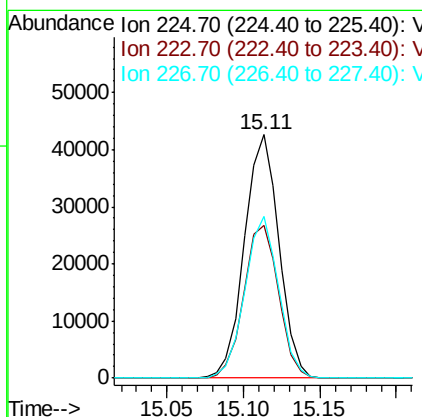
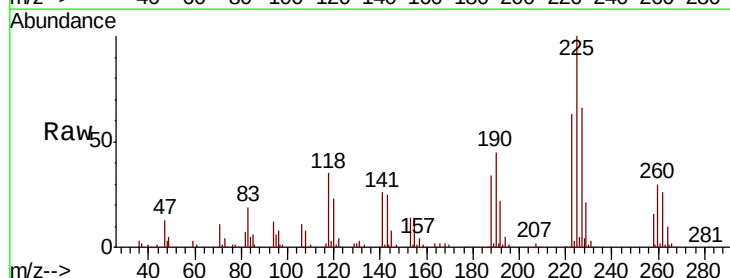
Instrument :
 MSVOA_Y
 ClientSampleId :

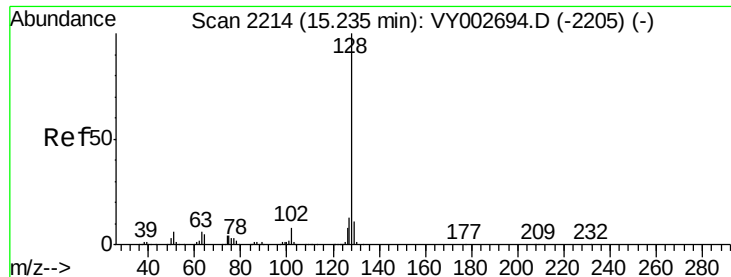
Tot Ion:180 Resp: 108447
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 142.0
 145 28.7 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 21.572 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002693.D
 Acq: 15 May 2020 12:12

Tgt Ion:225 Resp: 66921
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 94.8
 227 64.7 32.2 96.6





#95

Naphthalene

Concen: 19.686 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

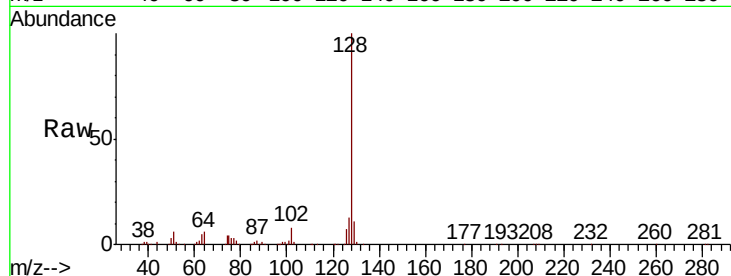
Tot Ion:128 Resp: 184329

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

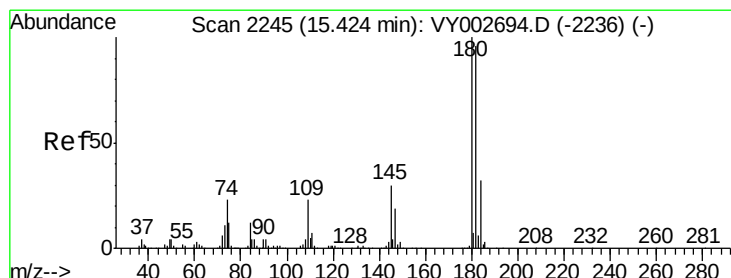
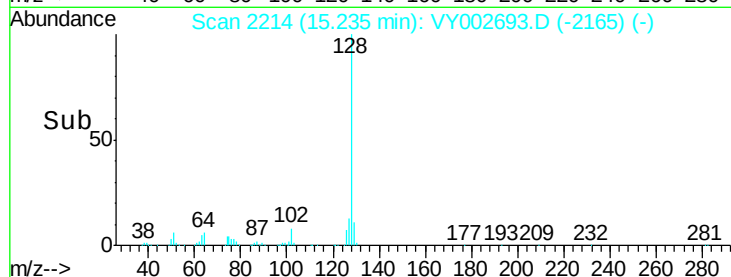
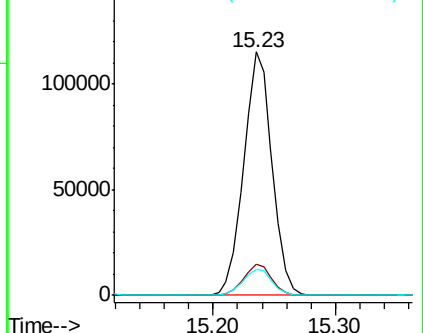
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.730 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002693.D

Acq: 15 May 2020 12:12

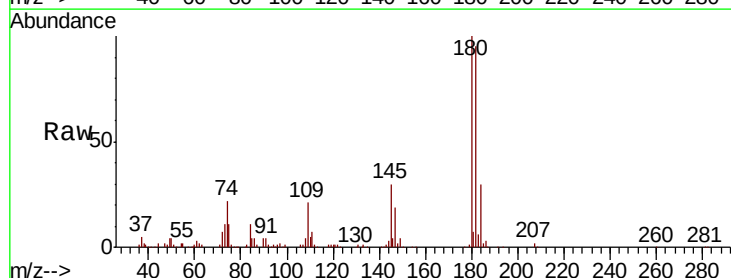
Tgt Ion:180 Resp: 90665

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 30.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

