

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
 Data File : VY002653.D
 Acq On : 11 May 2020 11:16
 Operator : SY/MD
 Sample : VY0511SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 15:08:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	401890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	598341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	528042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	268087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	155804	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.74	113	172018	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.19	98	681145	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.49	95	229874	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.91	85	47023	15.439	ug/l	99
3) Chloromethane	2.13	50	58952	18.105	ug/l	99
4) Vinyl Chloride	2.27	62	67106	17.849	ug/l	99
5) Bromomethane	2.66	94	46551	17.954	ug/l	98
6) Chloroethane	2.80	64	40271	17.939	ug/l	93
7) Trichlorofluoromethane	3.15	101	108106	18.552	ug/l	95
8) Diethyl Ether	3.55	74	36967	18.878	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	68839	19.330	ug/l	99
10) Methyl Iodide	4.11	142	83999	17.313	ug/l	98
11) Tert butyl alcohol	4.99	59	30464	87.626	ug/l	99
12) 1,1-Dichloroethene	3.90	96	66685	19.275	ug/l	98
13) Acrolein	3.75	56	16325	67.906	ug/l	95
14) Allyl chloride	4.50	41	101406	20.117	ug/l	96
15) Acrylonitrile	5.20	53	83549	90.476	ug/l	99
16) Acetone	3.97	43	56921	81.621	ug/l	94
17) Carbon Disulfide	4.22	76	175467	16.859	ug/l	99
18) Methyl Acetate	4.51	43	41216	17.688	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	169630	18.793	ug/l	97
20) Methylene Chloride	4.74	84	71761	18.401	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	73104	19.333	ug/l	96
22) Diisopropyl ether	6.14	45	205799	20.178	ug/l	97
23) Vinyl Acetate	6.09	43	600147	93.563	ug/l	99
24) 1,1-Dichloroethane	6.05	63	121114	20.072	ug/l	98
25) 2-Butanone	7.01	43	100645	88.163	ug/l	100
26) 2,2-Dichloropropane	7.01	77	112596	19.632	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	82615	19.745	ug/l	98
28) Bromochloromethane	7.36	49	49463	20.007	ug/l	98
29) Tetrahydrofuran	7.37	42	68101	90.166	ug/l	100
30) Chloroform	7.53	83	126831	20.215	ug/l	99
31) Cyclohexane	7.81	56	112581	18.536	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	113921	19.536	ug/l	99
36) 1,1-Dichloropropene	7.94	75	96905	19.319	ug/l	99
37) Ethyl Acetate	7.10	43	45712	17.734	ug/l	99
38) Carbon Tetrachloride	7.92	117	105013	19.176	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	124674	18.818	ug/l	98
40) Benzene	8.18	78	283808	19.590	ug/l	99
41) Methacrylonitrile	7.37	41	62519	45.111	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	73663	18.127	ug/l	99
43) Isopropyl Acetate	8.29	43	86488	17.898	ug/l	99
44) Trichloroethene	8.96	130	90243	19.932	ug/l	97
45) 1,2-Dichloropropane	9.24	63	69638	19.917	ug/l	100
46) Dibromomethane	9.32	93	37590	18.686	ug/l	100
47) Bromodichloromethane	9.51	83	93796	19.175	ug/l	97
48) Methyl methacrylate	9.31	41	39579	18.098	ug/l	100
49) 1,4-Dioxane	9.31	88	9723	365.040	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	233571	93.777	ug/l	99
52) Toluene	10.25	92	181815	19.528	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	98088	19.139	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	115517	19.497	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	56841	19.376	ug/l	98
56) Ethyl methacrylate	10.52	69	73833	18.919	ug/l	96
57) 1,3-Dichloropropane	10.80	76	93655	18.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	202278	98.286	ug/l	100
59) 2-Hexanone	10.85	43	154208	89.955	ug/l	100
60) Dibromochloromethane	11.00	129	70994	19.027	ug/l	99
61) 1,2-Dibromoethane	11.10	107	54085	18.619	ug/l	99
64) Tetrachloroethene	10.73	164	102507	21.849	ug/l	99
65) Chlorobenzene	11.53	112	204503	20.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	77657	20.841	ug/l	98
67) Ethyl Benzene	11.60	91	359469	20.387	ug/l	99
68) m/p-Xylenes	11.71	106	274544	40.241	ug/l	100
69) o-Xylene	12.04	106	129691	20.302	ug/l	99
70) Styrene	12.05	104	221405	20.274	ug/l	99
71) Bromoform	12.22	173	44581	19.276	ug/l #	98
73) Isopropylbenzene	12.34	105	362295	20.852	ug/l	100
74) N-amyl acetate	12.16	43	80016	19.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	49974	18.086	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	81559	34.234	ug/l #	100
77) Bromobenzene	12.62	156	86652	19.962	ug/l	98
78) n-propylbenzene	12.68	91	413985	20.532	ug/l	100
79) 2-Chlorotoluene	12.77	91	232966	20.859	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	298473	20.724	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	21982	18.502	ug/l	97
82) 4-Chlorotoluene	12.86	91	234932	20.025	ug/l	100
83) tert-Butylbenzene	13.08	119	269692	21.356	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	296481	20.656	ug/l	99
85) sec-Butylbenzene	13.27	105	363501	20.744	ug/l	100
86) p-Isopropyltoluene	13.38	119	341329	20.789	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	168059	20.456	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	166010	20.406	ug/l	99
89) n-Butylbenzene	13.70	91	311349	20.830	ug/l	100
90) Hexachloroethane	13.97	117	63217	21.142	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	147523	20.123	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9166	17.795	ug/l	96

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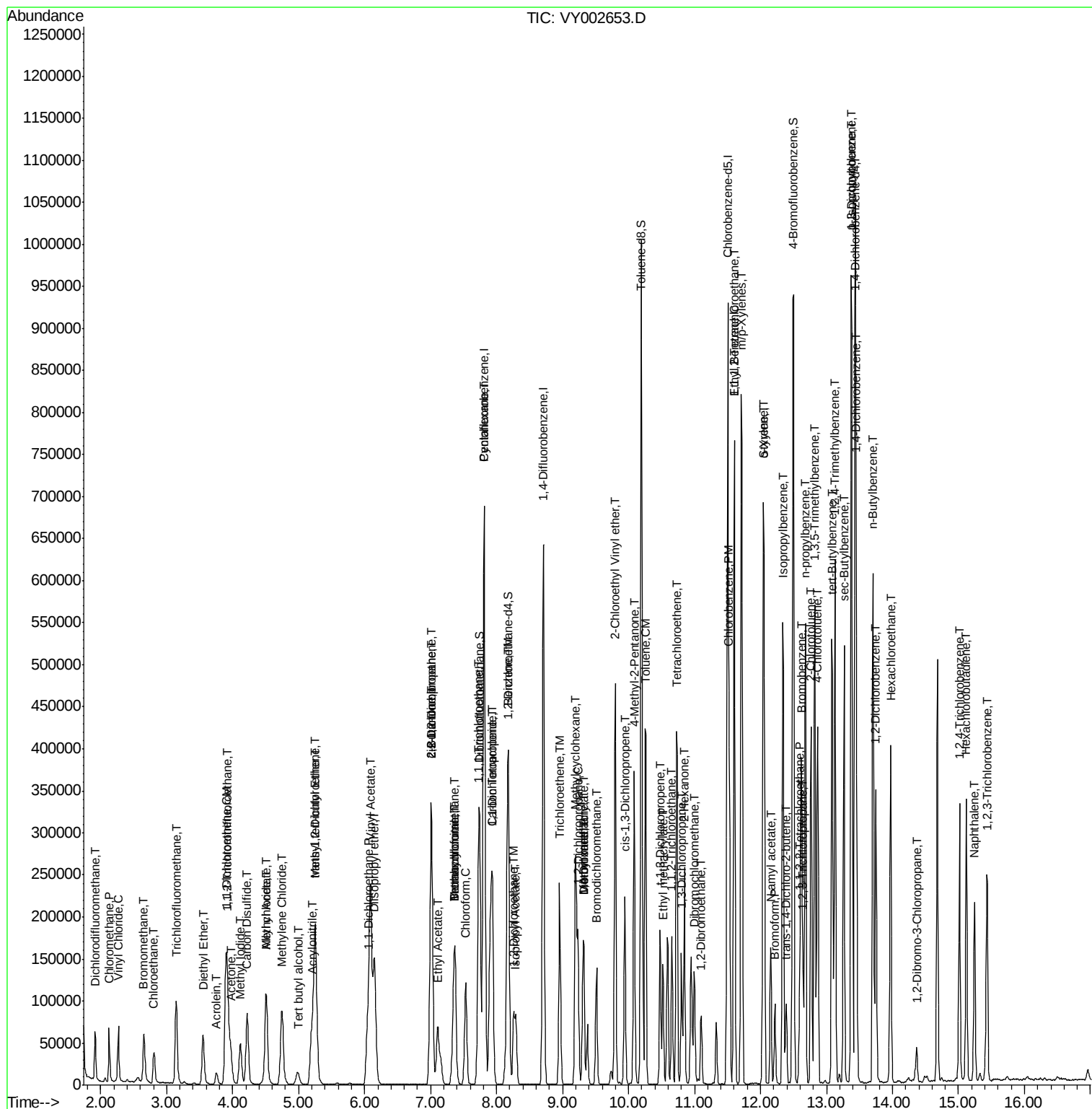
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	106318	19.975	ug/l	100
94) Hexachlorobutadiene	15.12	225	65521	20.509	ug/l	99
95) Naphthalene	15.25	128	181639	18.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	87692	19.408	ug/l	100

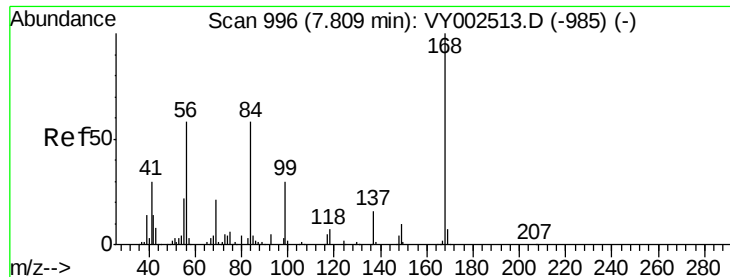
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

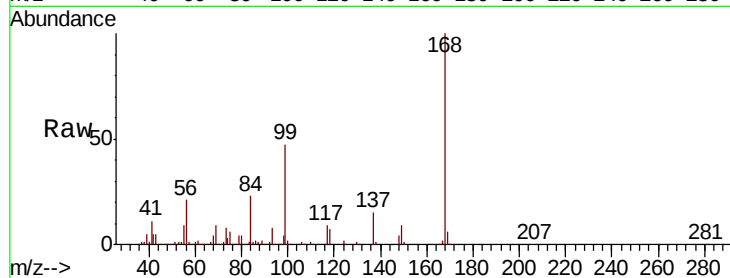
ClientSampleId :

Tot Ion:168 Resp: 401890

Ion Ratio Lower Upper

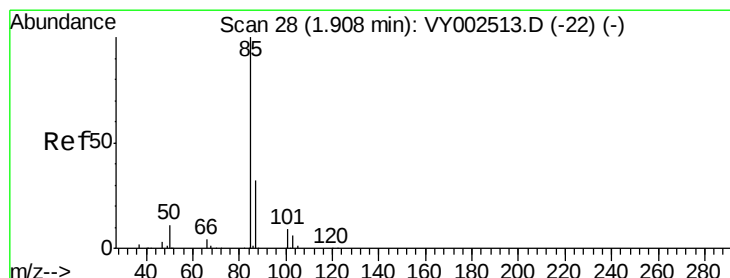
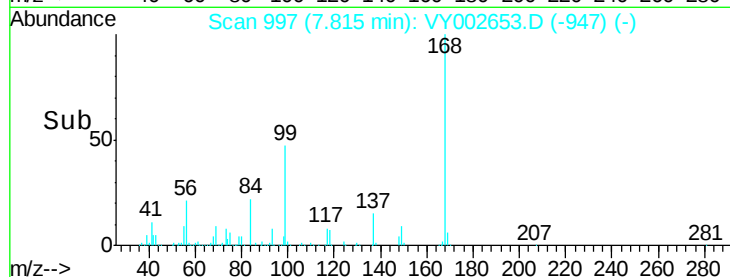
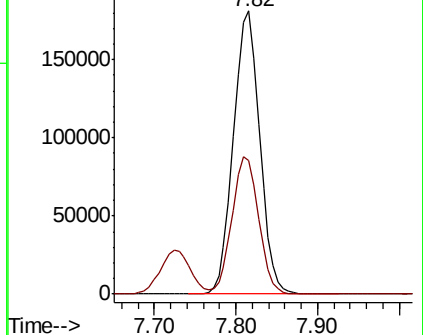
168 100

99 47.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002653.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002653.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 15.439 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002653.D

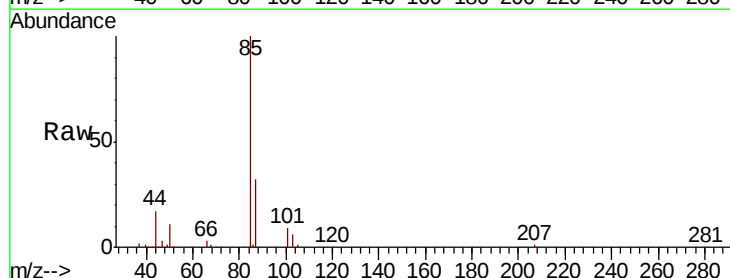
Acq: 11 May 2020 11:16

Tgt Ion: 85 Resp: 47023

Ion Ratio Lower Upper

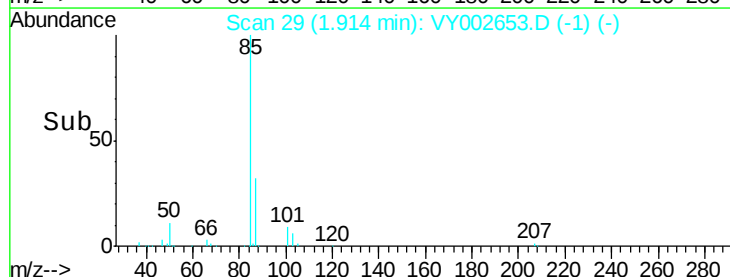
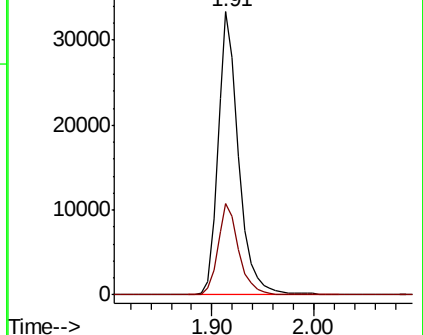
85 100

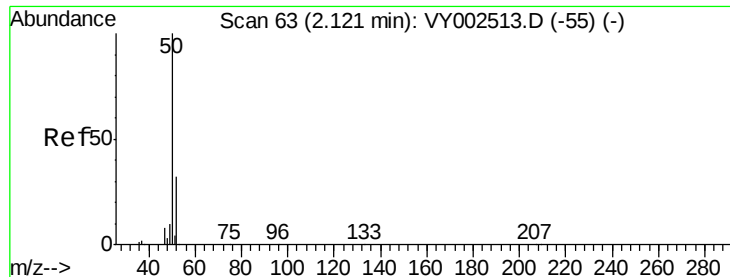
87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002653.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002653.D (-1) (-)

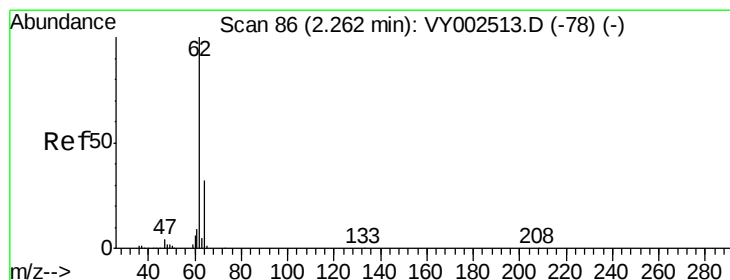
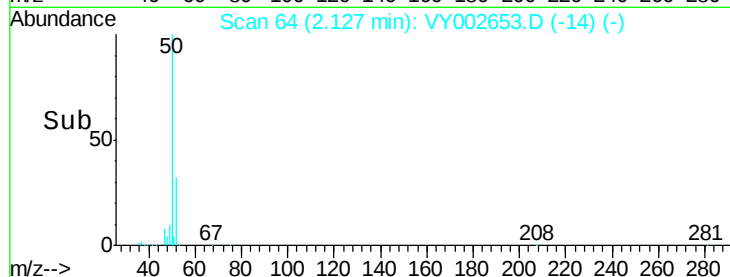
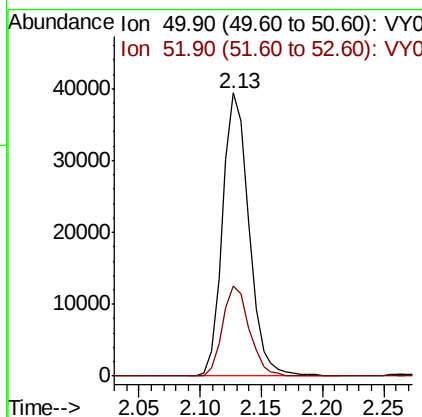
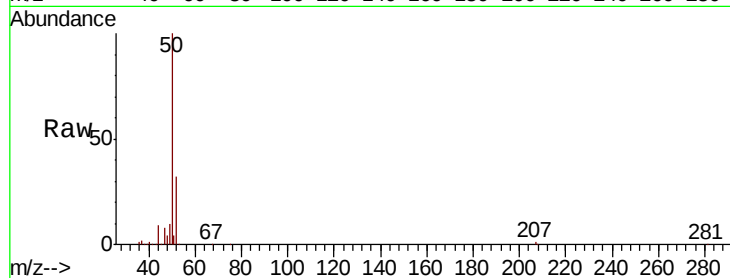




#3
Chloromethane
Concen: 18.105 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

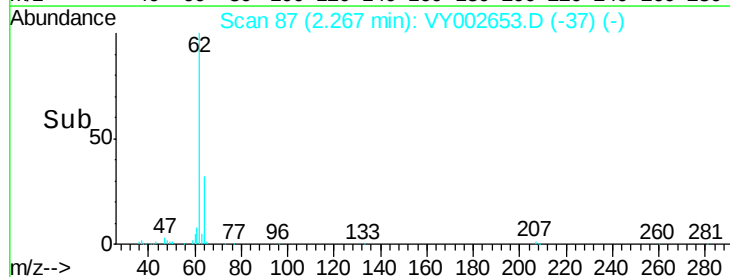
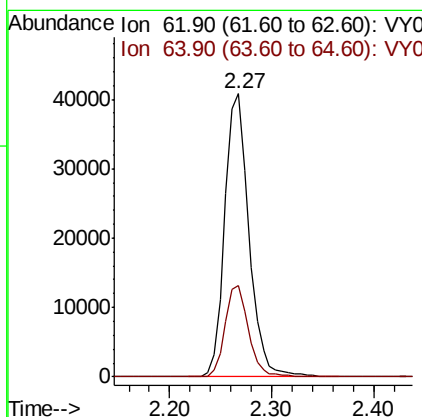
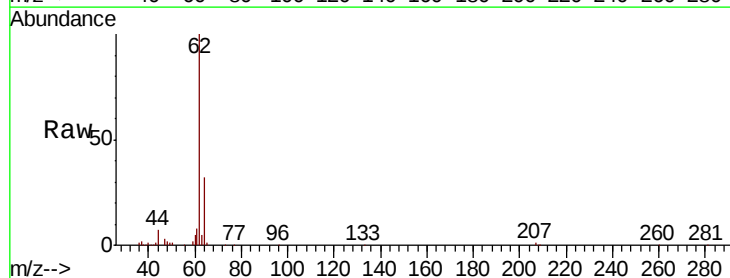
Instrument :
MSVOA_Y
ClientSampleId :

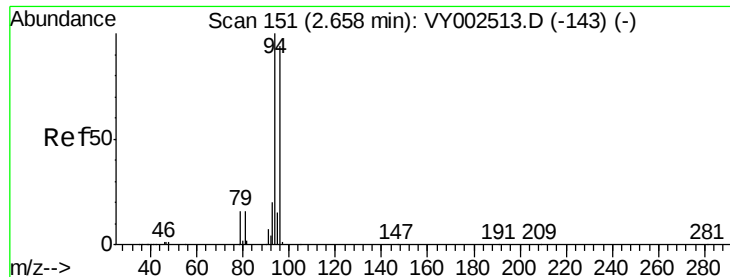
Tot Ion: 50 Resp: 58952
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9



#4
Vinyl Chloride
Concen: 17.849 ug/l
RT: 2.27 min Scan# 87
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 62 Resp: 67106
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5

Bromomethane

Concen: 17.954 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

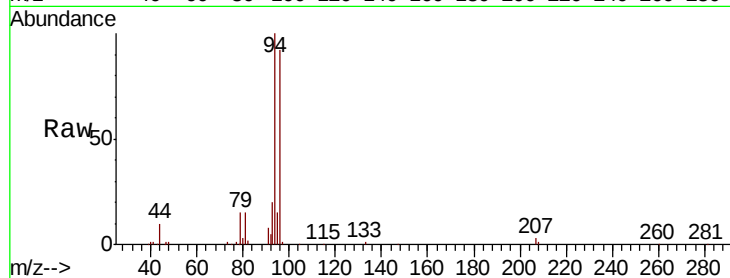
ClientSampleId :

Tot Ion: 94 Resp: 46551

Ion Ratio Lower Upper

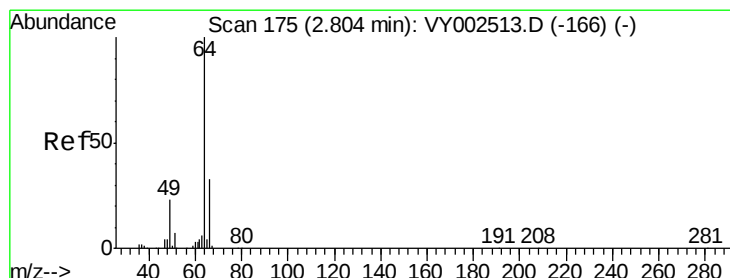
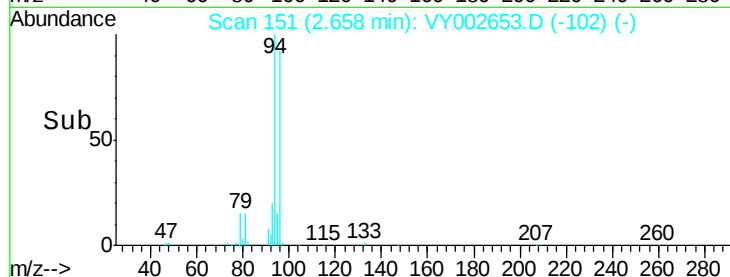
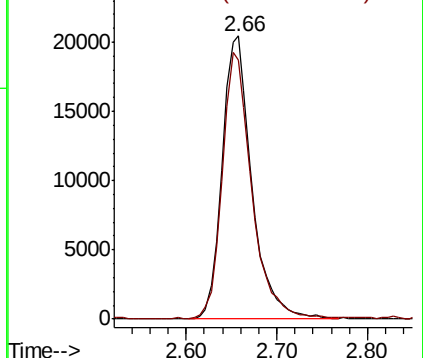
94 100

96 91.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.939 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002653.D

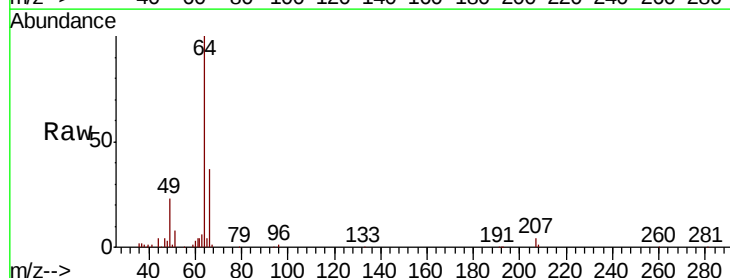
Acq: 11 May 2020 11:16

Tgt Ion: 64 Resp: 40271

Ion Ratio Lower Upper

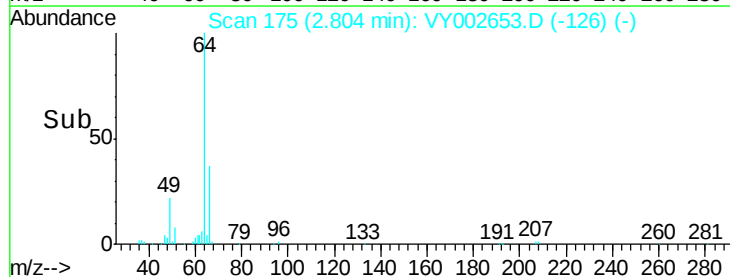
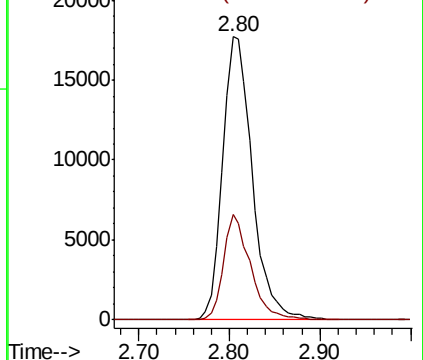
64 100

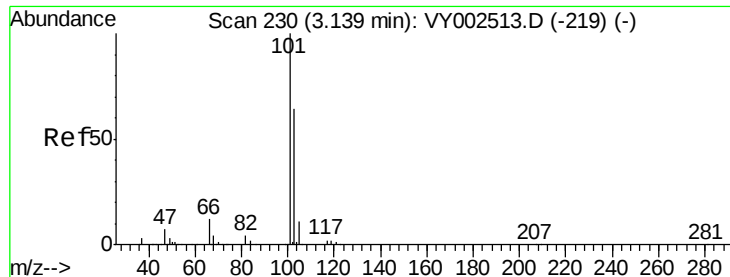
66 37.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



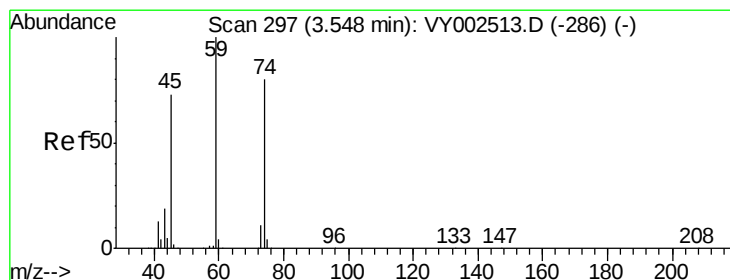
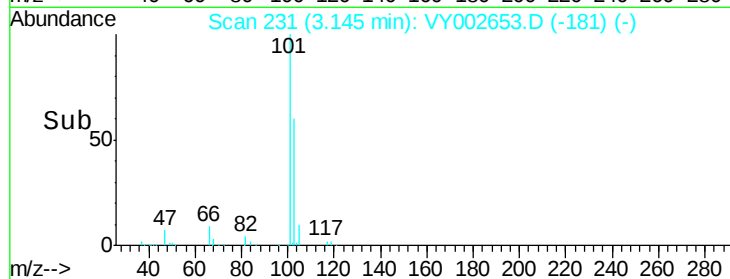
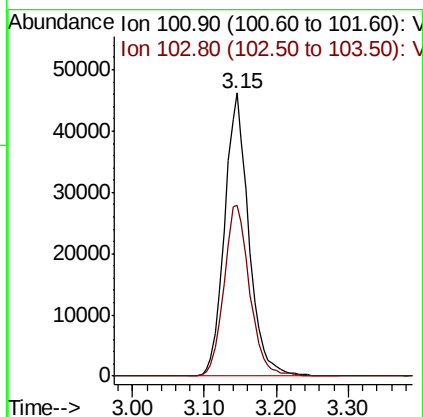
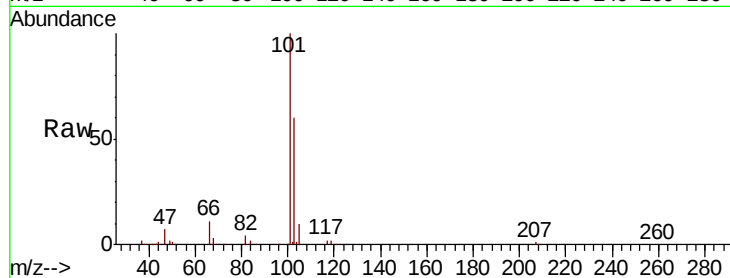


#7

Trichlorofluoromethane
Concen: 18.552 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Instrument :
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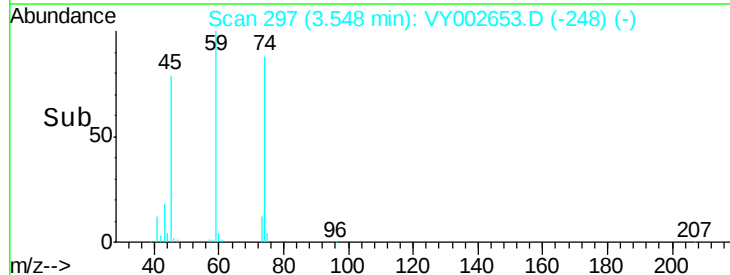
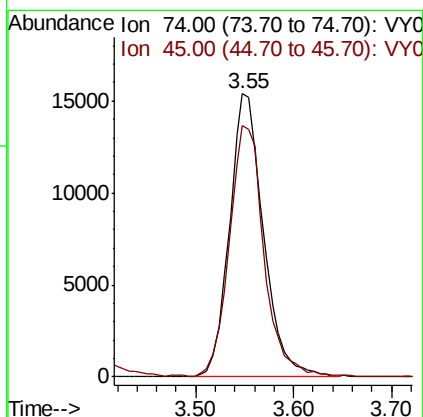
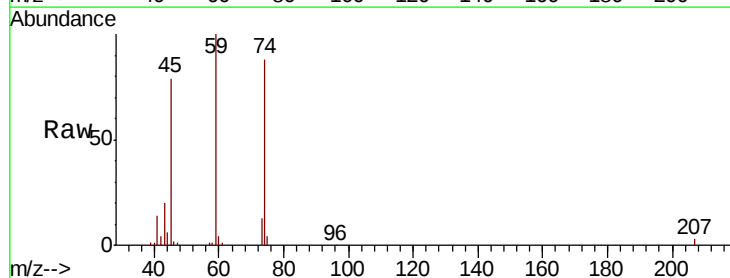
Tot Ion:101 Resp: 108106
Ion Ratio Lower Upper
101 100
103 60.2 51.4 77.0

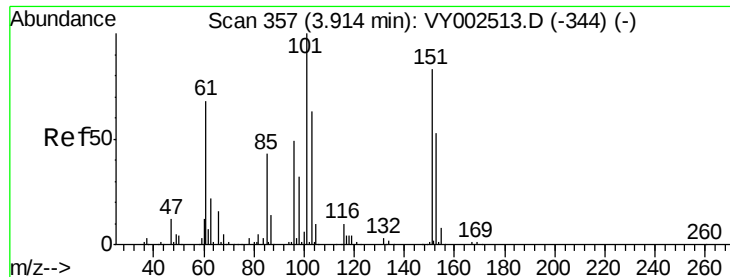


#8

Diethyl Ether
Concen: 18.878 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 74 Resp: 36967
Ion Ratio Lower Upper
74 100
45 91.2 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.330 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampled :

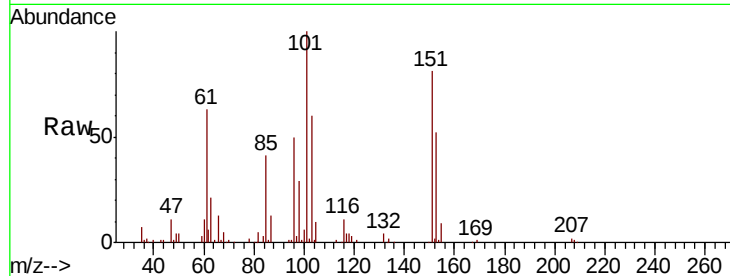
Tot Ion:101 Resp: 68839

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.2

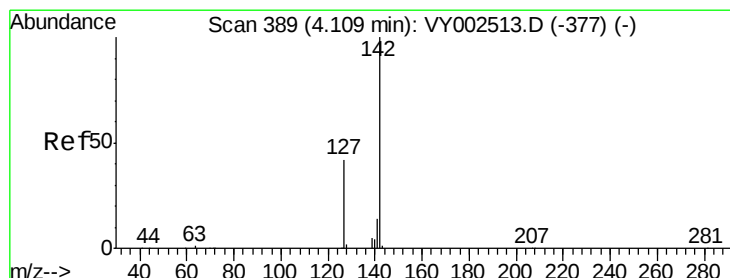
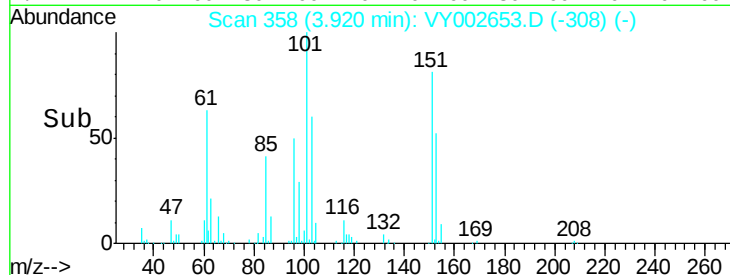
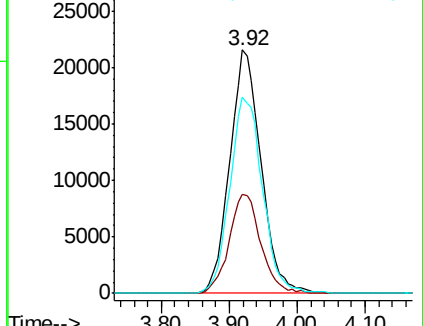
151 83.9 66.8 100.2



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: 17.313 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

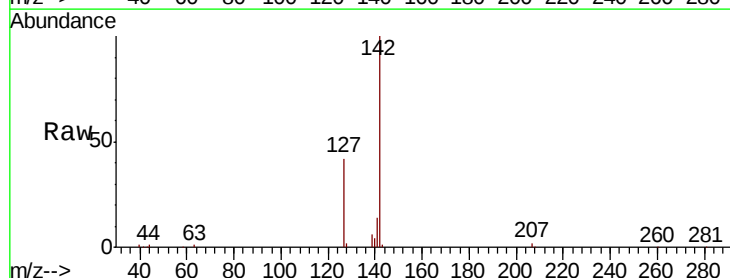
Tgt Ion:142 Resp: 83999

Ion Ratio Lower Upper

142 100

127 40.5 33.7 50.5

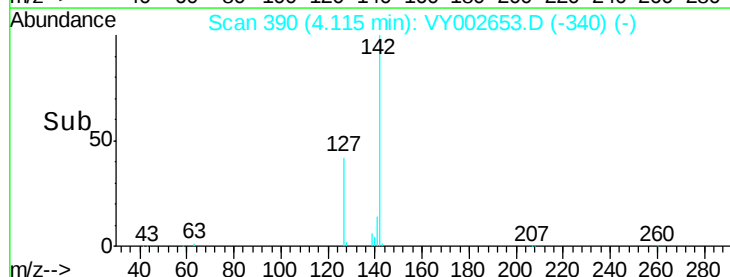
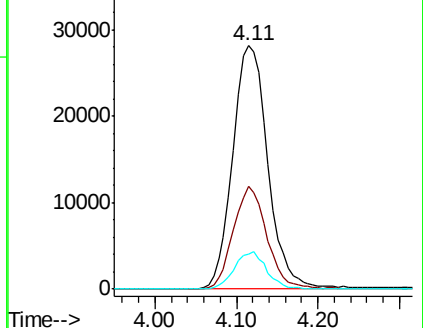
141 14.1 11.4 17.0

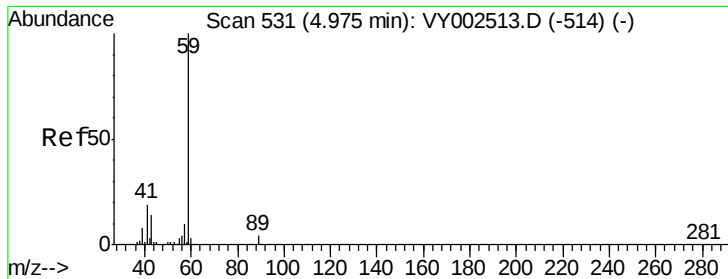


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

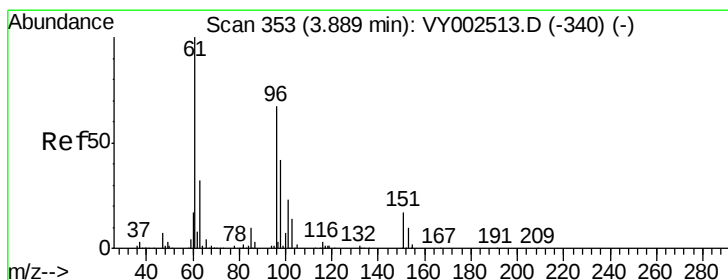
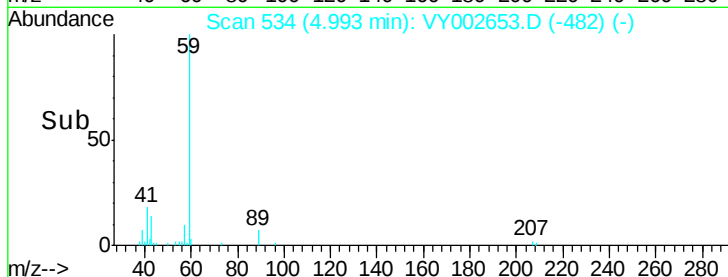
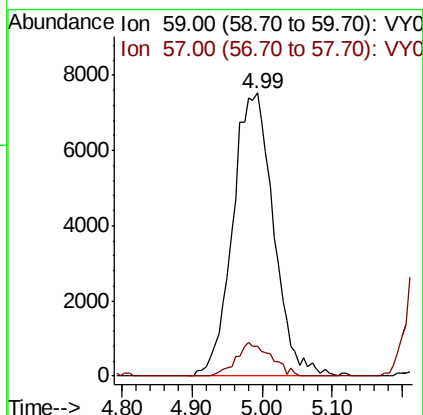
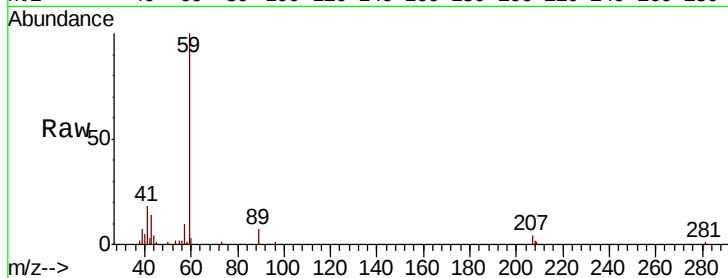




#11
Tert butyl alcohol
Concen: 87.626 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.02 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

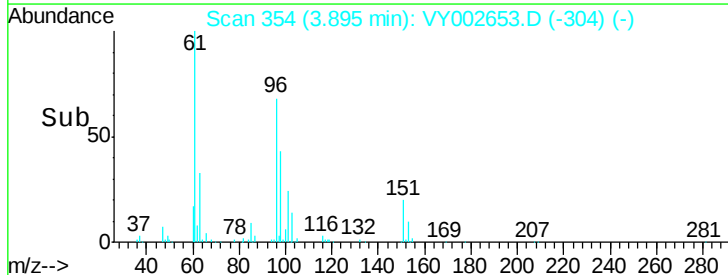
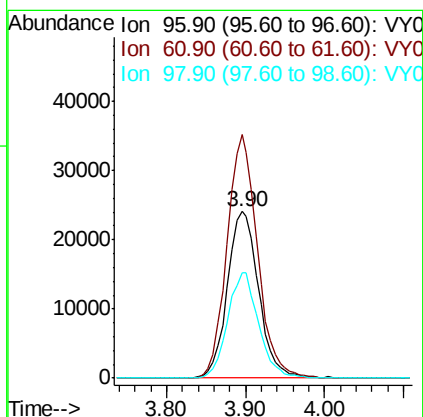
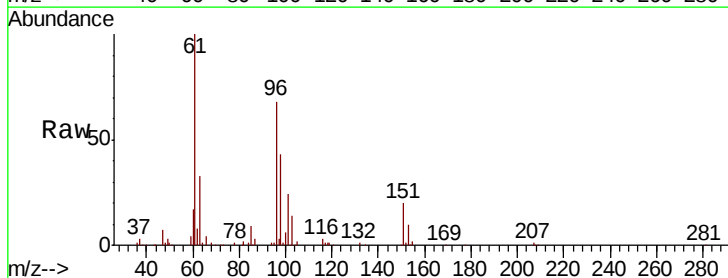
Instrument :
MSVOA_Y
ClientSampleId :

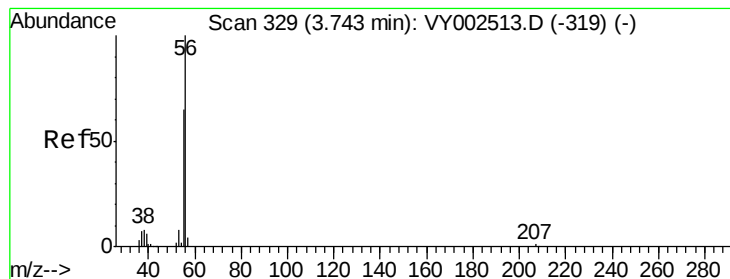
Tot Ion: 59 Resp: 30464
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6



#12
1,1-Dichloroethene
Concen: 19.275 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 96 Resp: 66685
Ion Ratio Lower Upper
96 100
61 146.1 118.8 178.2
98 63.1 49.6 74.4





#13

Acrolein

Concen: 67.906 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

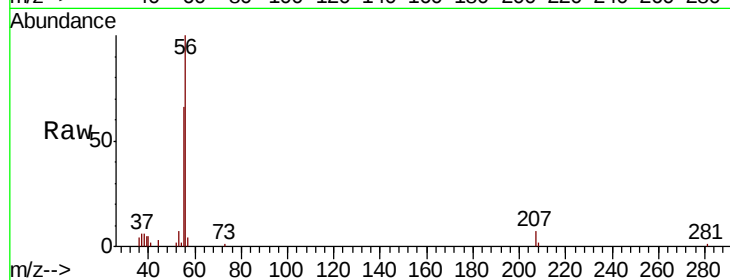
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 16325

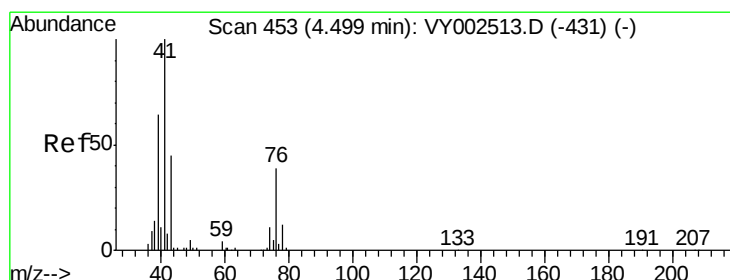
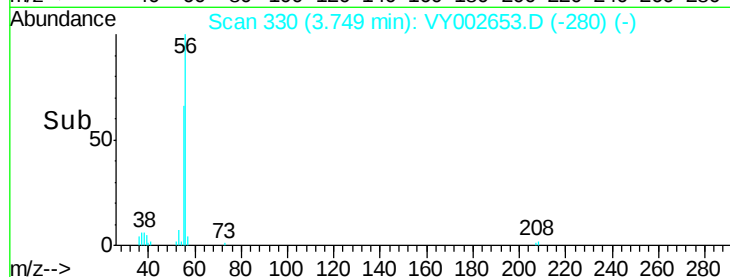
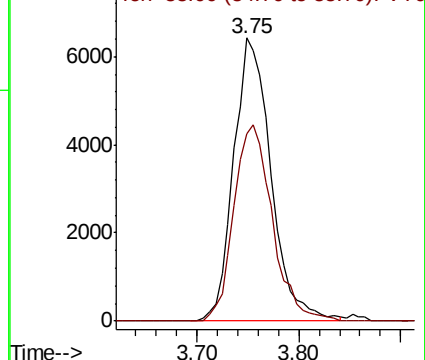
Ion Ratio Lower Upper

56 100

55 71.5 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.117 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

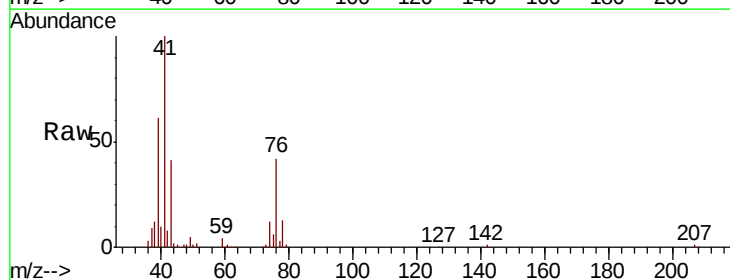
Tgt Ion: 41 Resp: 101406

Ion Ratio Lower Upper

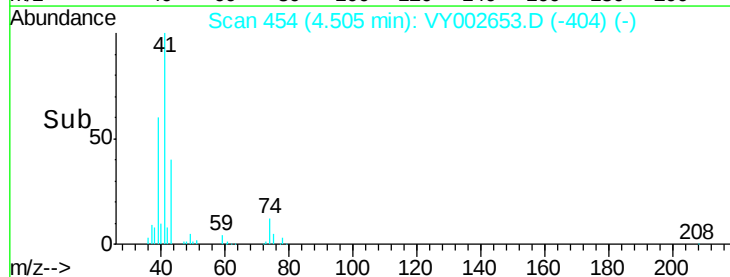
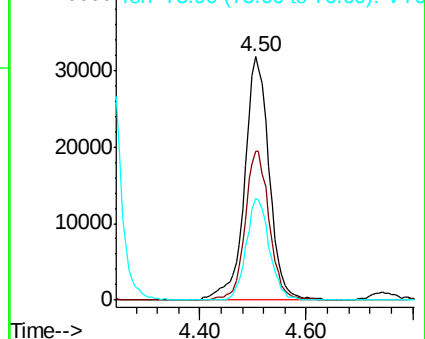
41 100

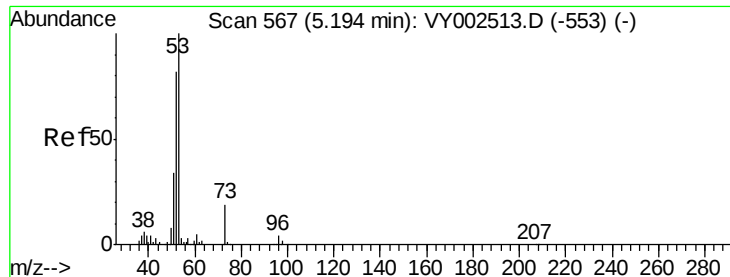
39 60.0 51.8 77.6

76 39.3 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 90.476 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

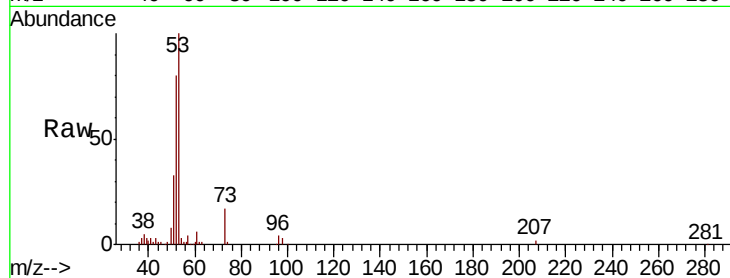
Tot Ion: 53 Resp: 83549

Ion Ratio Lower Upper

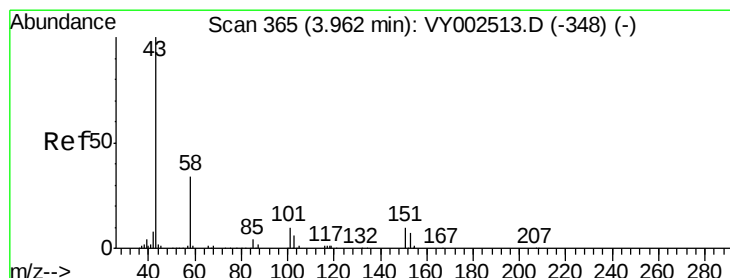
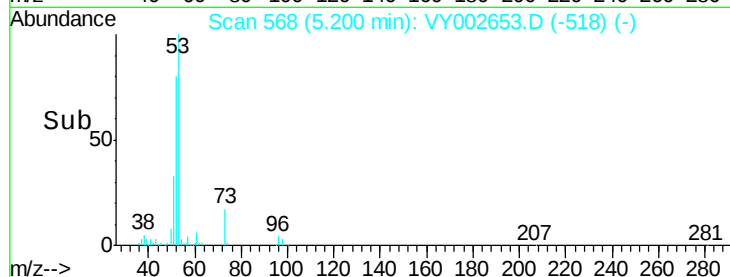
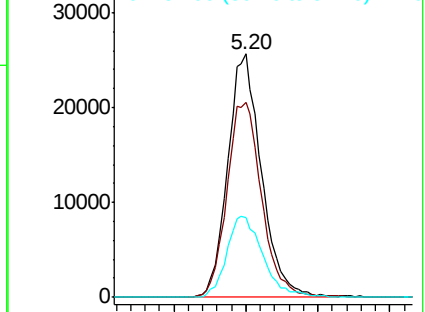
53 100

52 82.4 65.4 98.0

51 35.8 28.7 43.1



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: 81.621 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002653.D

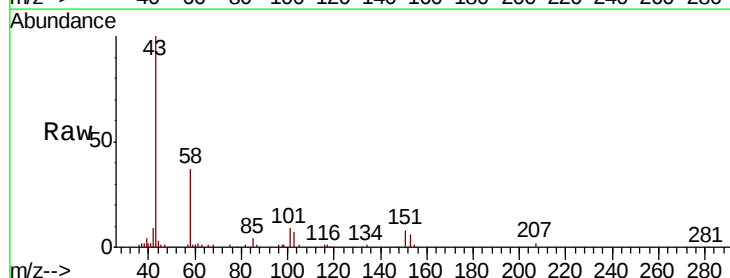
Acq: 11 May 2020 11:16

Tgt Ion: 43 Resp: 56921

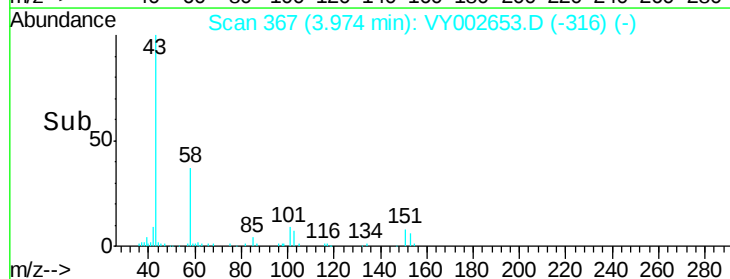
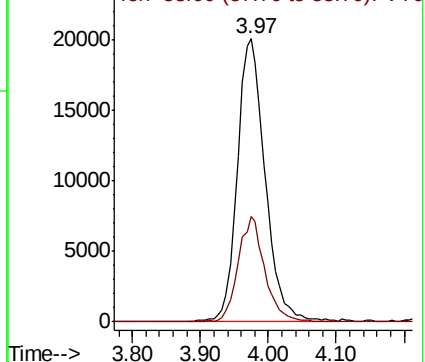
Ion Ratio Lower Upper

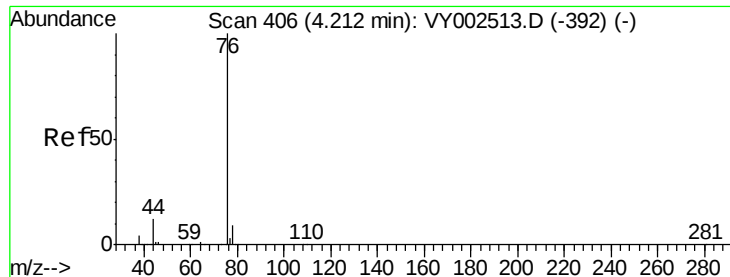
43 100

58 37.3 26.9 40.3



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

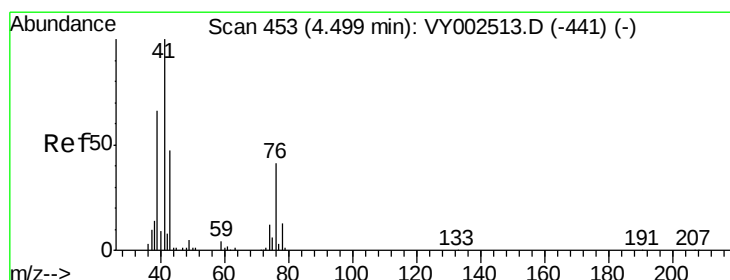
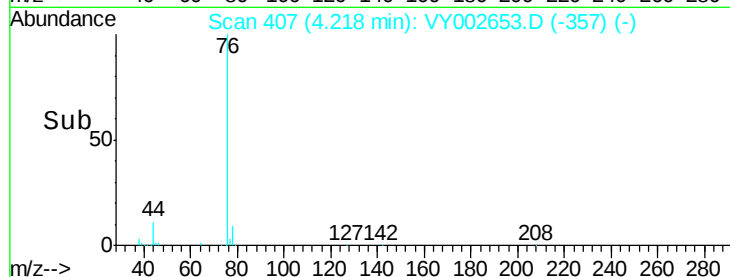
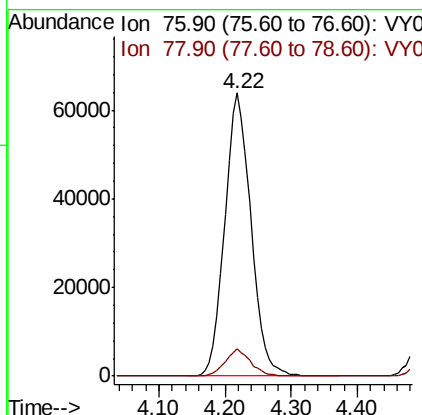
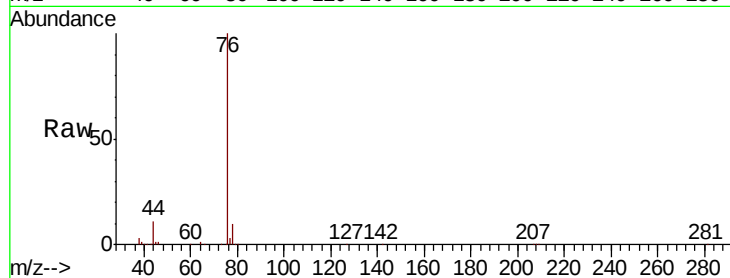




#17
Carbon Disulfide
Concen: 16.859 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

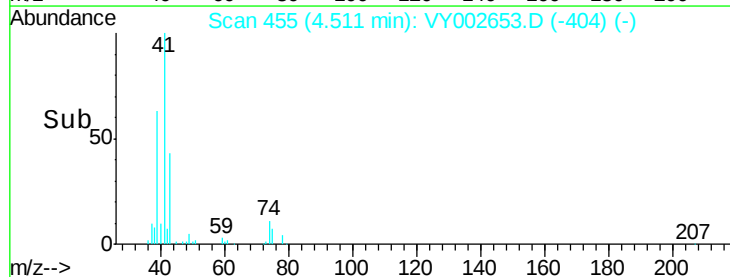
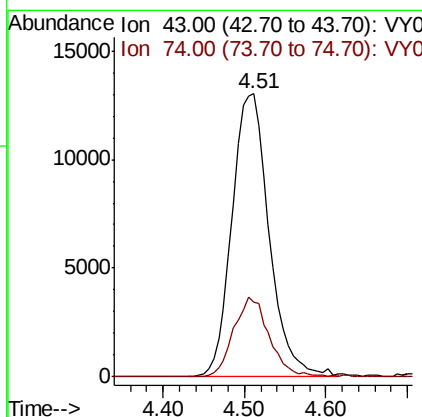
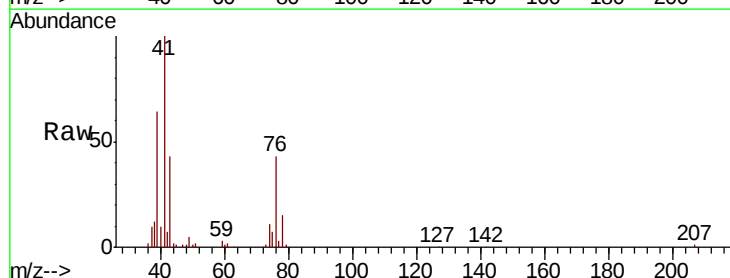
Instrument :
MSVOA_Y
ClientSampleId :

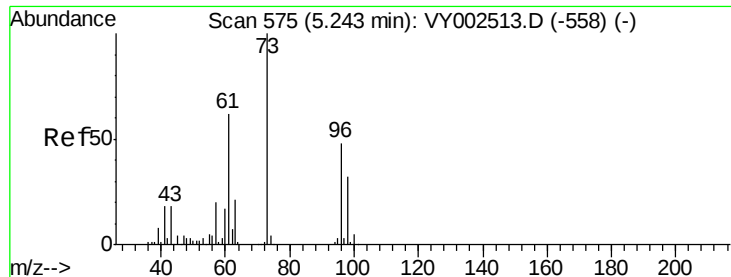
Tot Ion: 76 Resp: 175467
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 17.688 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 43 Resp: 41216
Ion Ratio Lower Upper
43 100
74 26.8 21.2 31.8

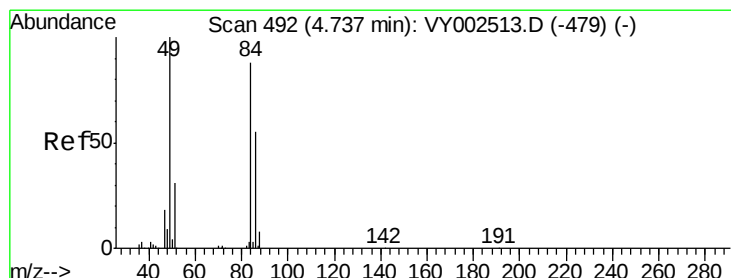
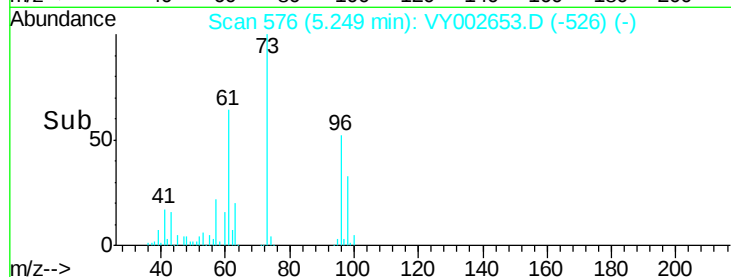
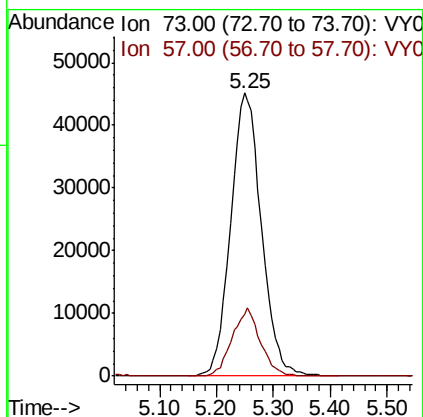
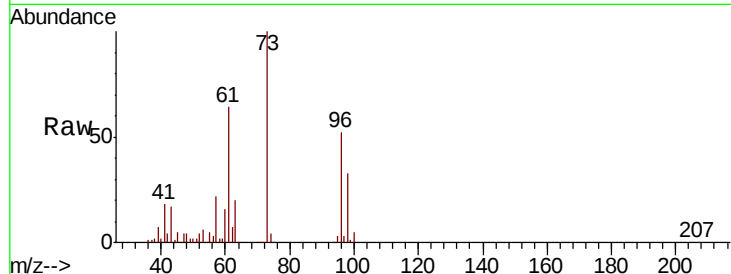




#19
Methvl tert-butvl Ether
Concen: 18.793 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

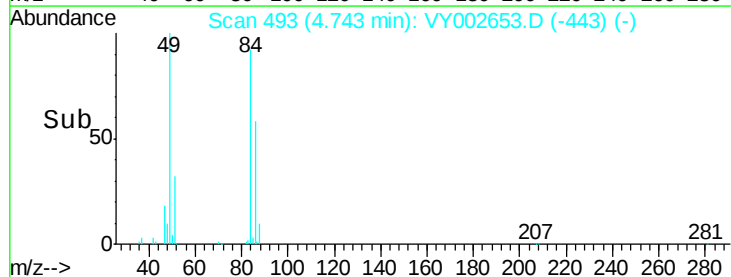
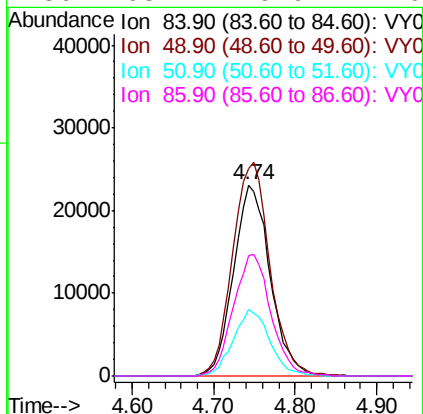
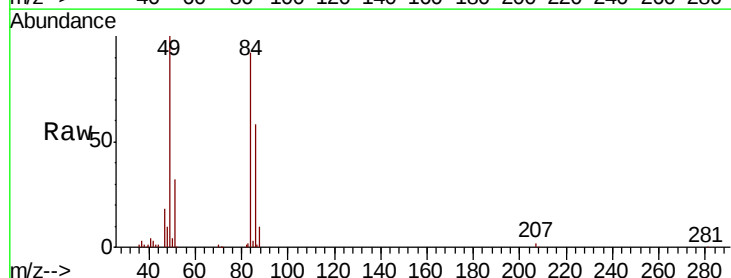
Instrument :
MSVOA_Y
ClientSampled :

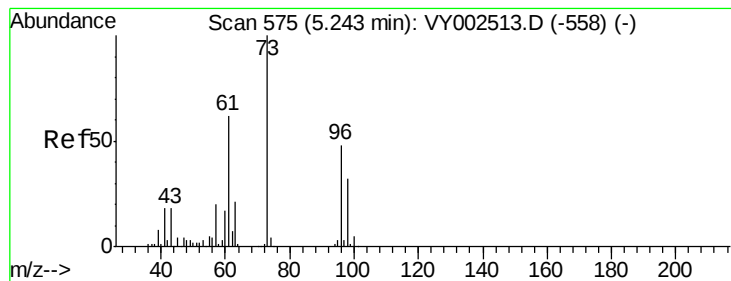
Tot Ion: 73 Resp: 169630
Ion Ratio Lower Upper
73 100
57 21.9 16.3 24.5



#20
Methylene Chloride
Concen: 18.401 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 84 Resp: 71761
Ion Ratio Lower Upper
84 100
49 108.4 90.5 135.7
51 34.8 28.3 42.5
86 63.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.333 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampled :

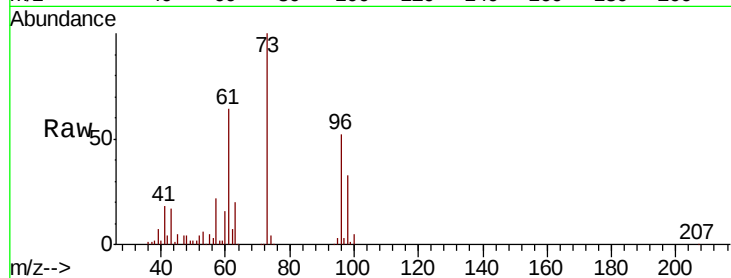
Tot Ion: 96 Resp: 73104

Ion Ratio Lower Upper

96 100

61 123.3 102.0 153.0

98 63.1 53.0 79.4

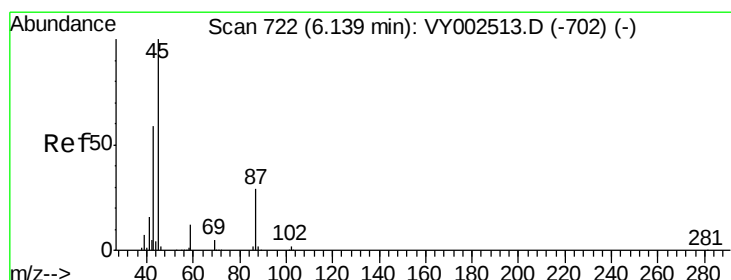
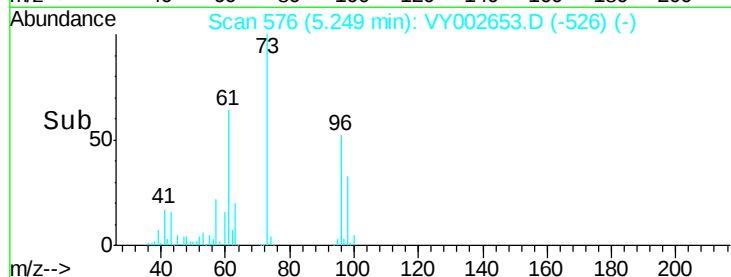
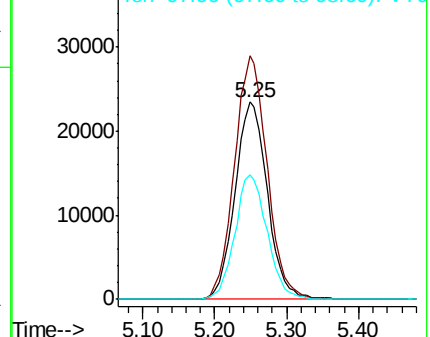


Abundance

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



#22

Diisopropyl ether

Concen: 20.178 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Tgt Ion: 45 Resp: 205799

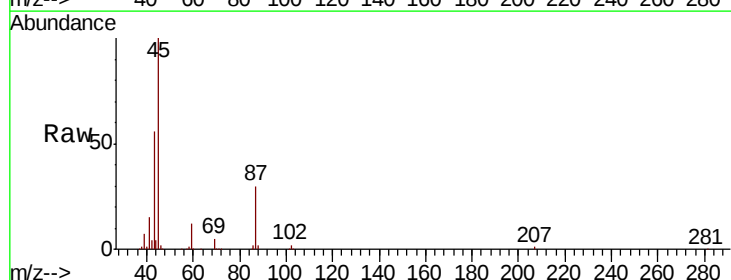
Ion Ratio Lower Upper

45 100

43 55.8 47.4 71.0

87 30.1 24.0 36.0

59 12.4 9.8 14.8



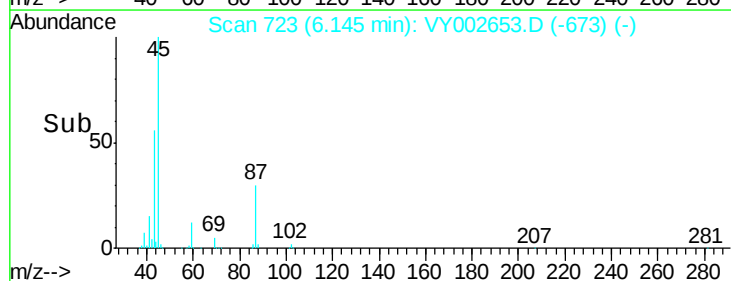
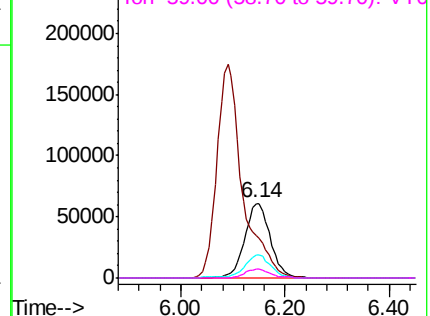
Abundance

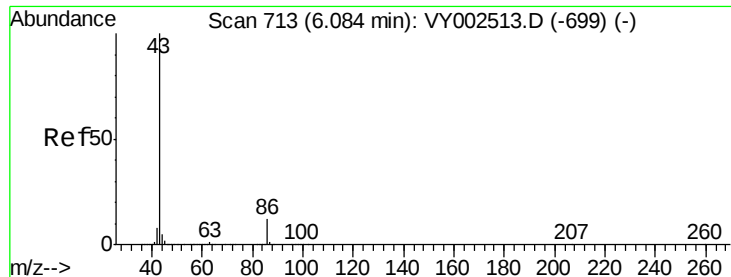
Ion 45.00 (44.70 to 45.70): VY0

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: 93.563 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

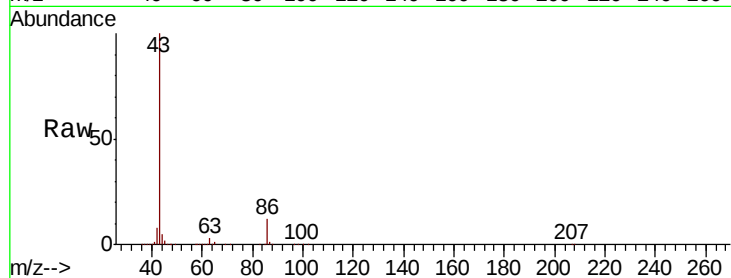
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 600147

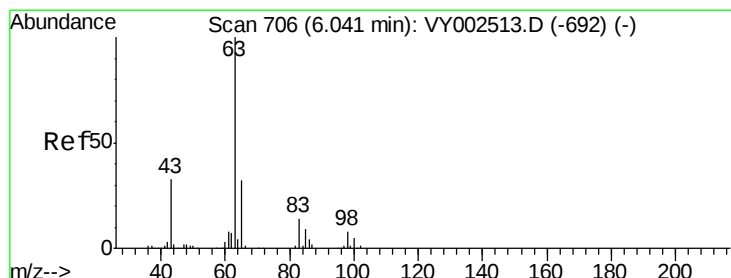
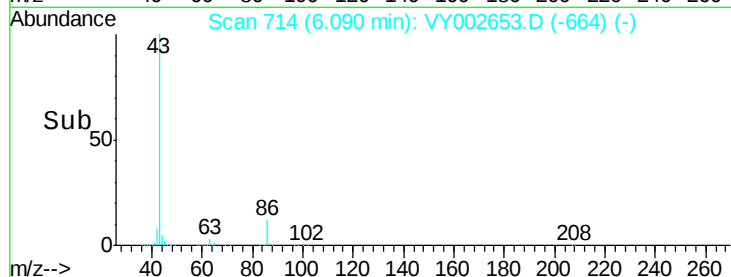
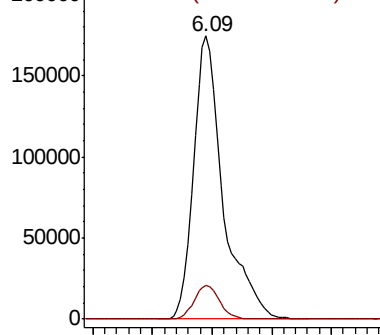
Ion Ratio Lower Upper

43 100

86 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.072 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

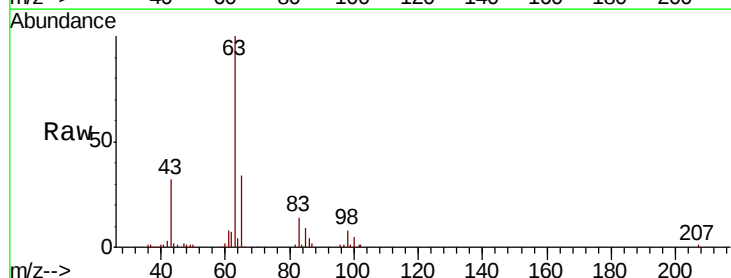
Tgt Ion: 63 Resp: 121114

Ion Ratio Lower Upper

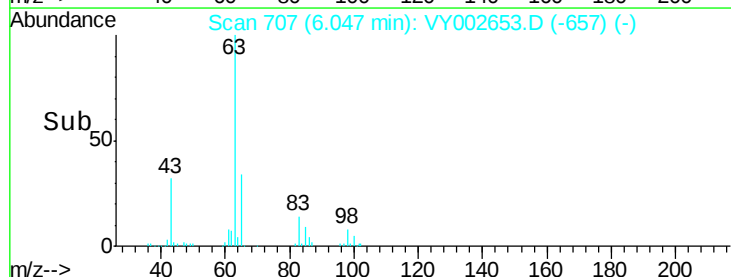
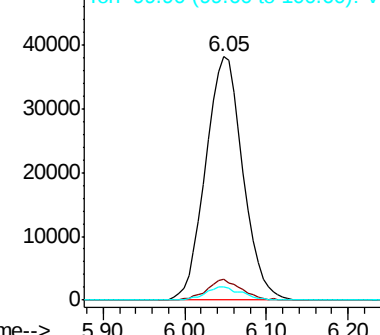
63 100

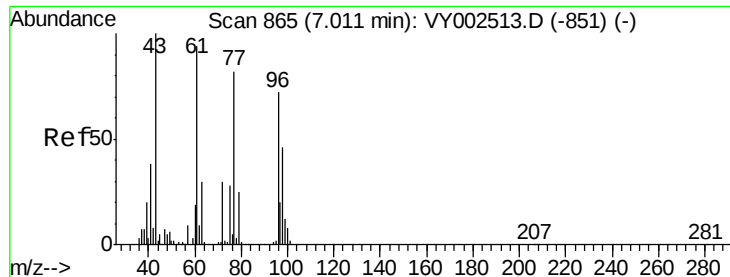
98 8.4 3.9 11.7

100 5.3 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0

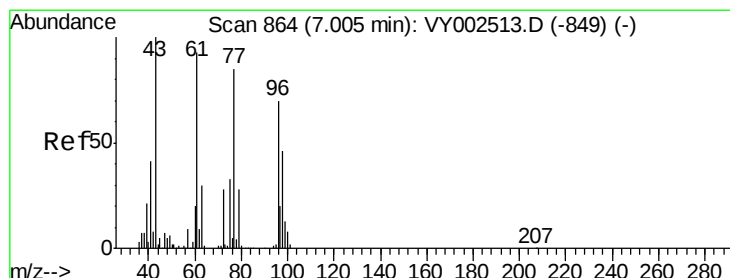
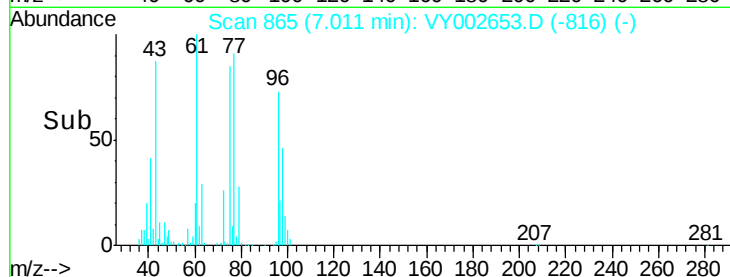
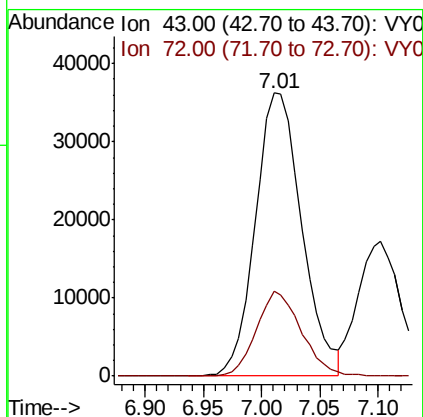
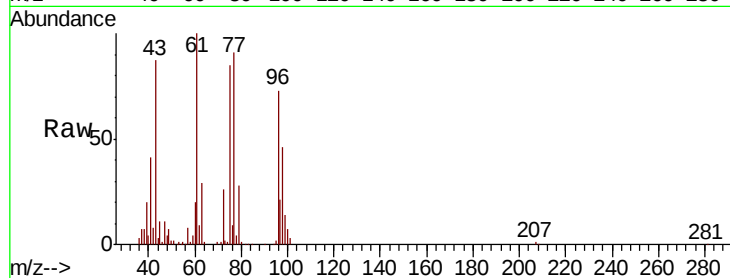




#25
2-Butanone
Concen: 88.163 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

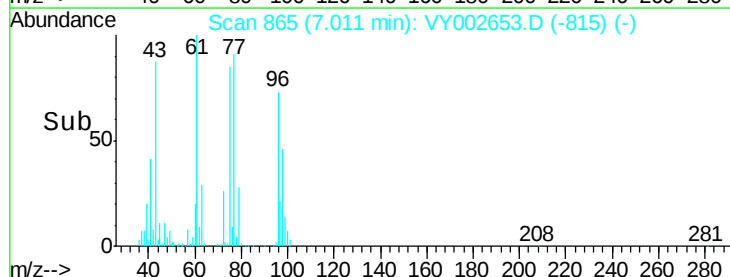
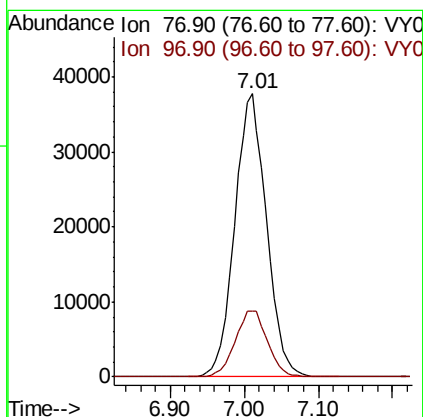
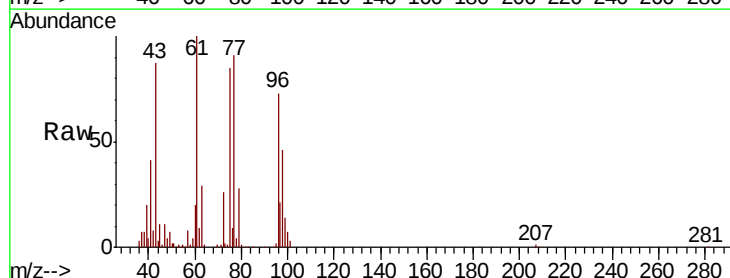
Instrument :
MSVOA_Y
ClientSampleId :

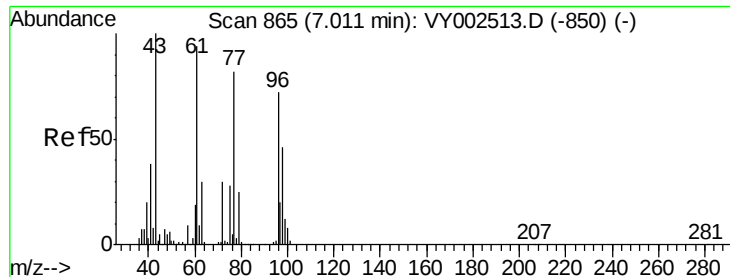
Tot Ion: 43 Resp: 100645
Ion Ratio Lower Upper
43 100
72 30.1 24.1 36.1



#26
2,2-Dichloropropane
Concen: 19.632 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 77 Resp: 112596
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5



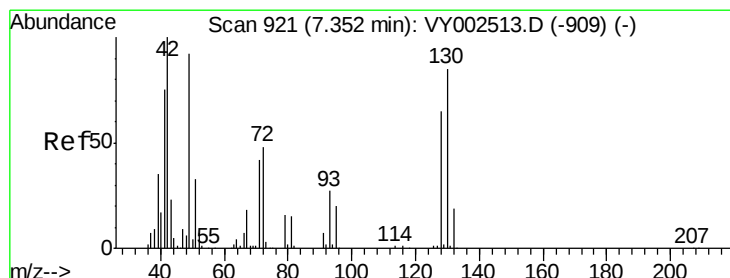
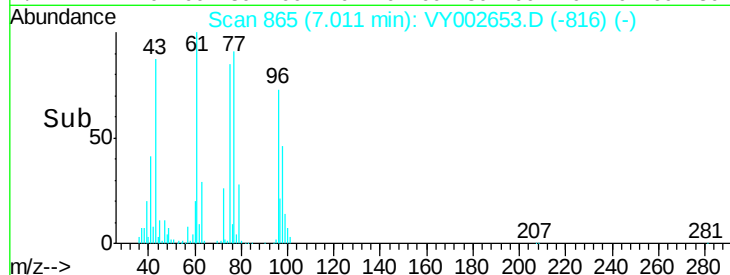
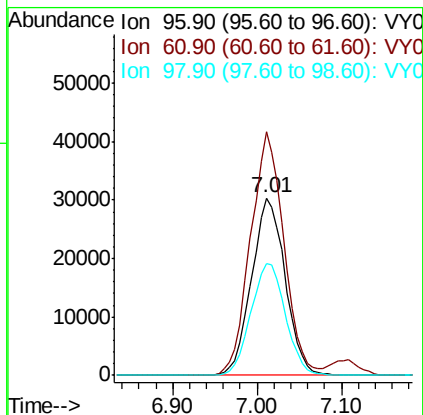
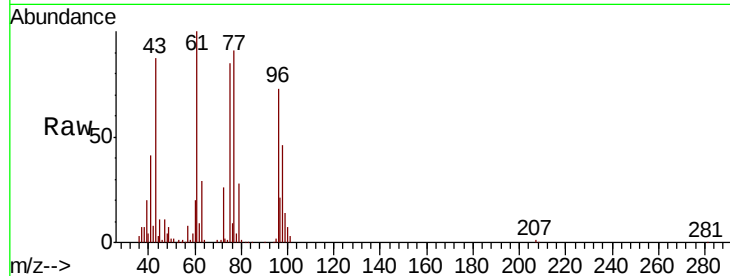


#27

cis-1,2-Dichloroethene
 Concen: 19.745 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampled :

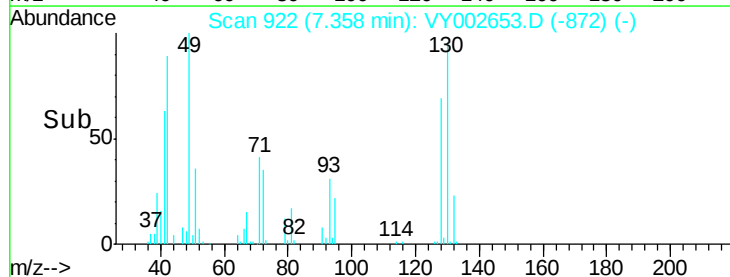
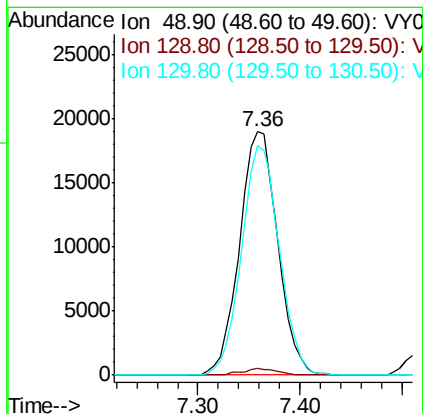
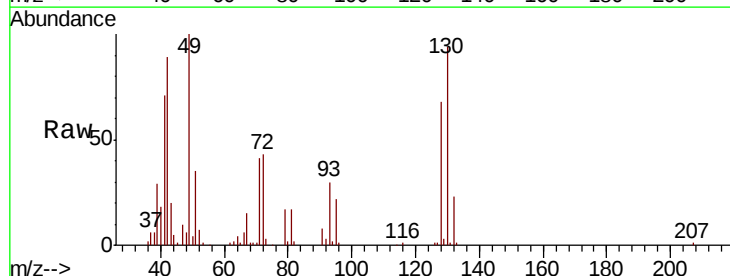
Tot Ion	96	Resp	82615
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	266.6
98	64.8	0.0	129.2

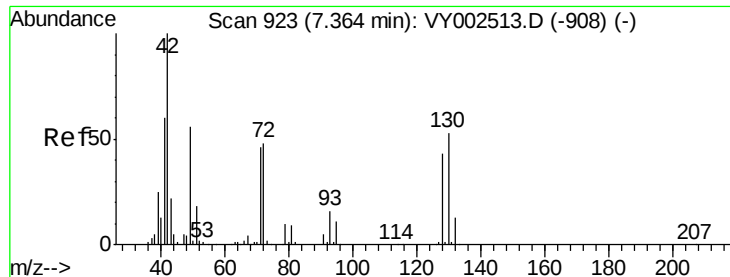


#28

Bromochloromethane
 Concen: 20.007 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Tgt Ion	49	Resp	49463
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	93.0	72.5	108.7

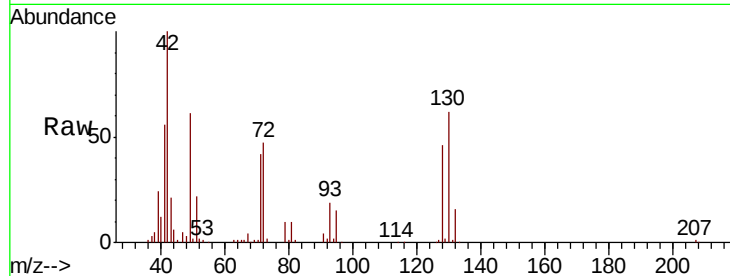




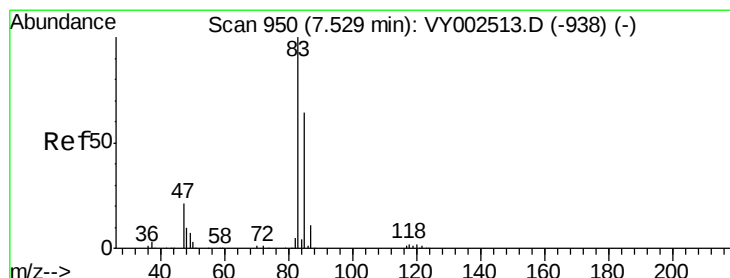
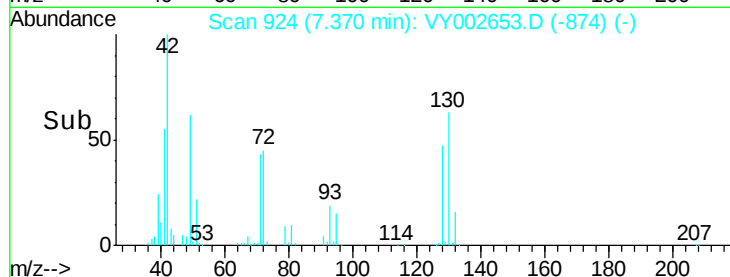
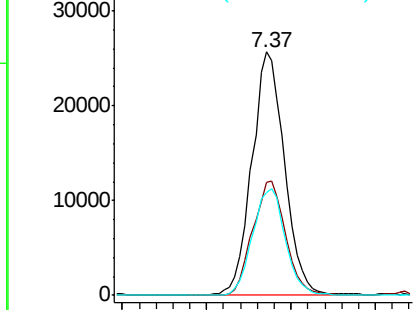
#29
Tetrahydrofuran
Concen: 90.166 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 68101
Ion Ratio Lower Upper
42 100
72 47.1 37.4 56.2
71 44.0 35.0 52.4

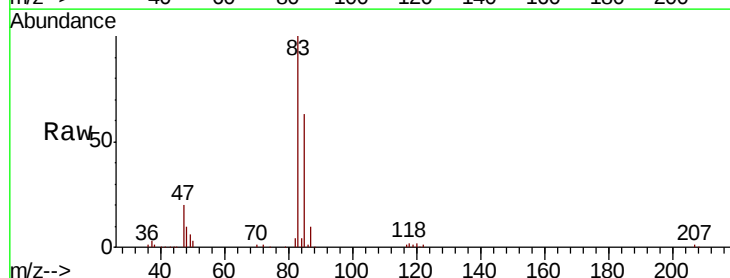


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

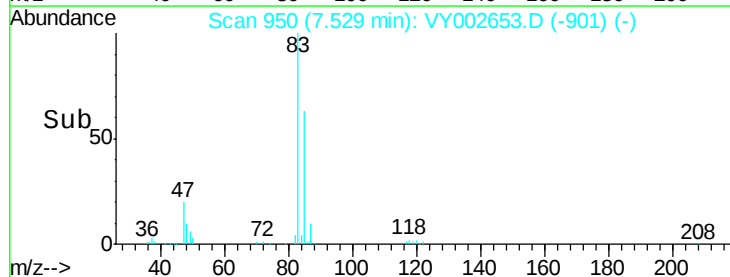
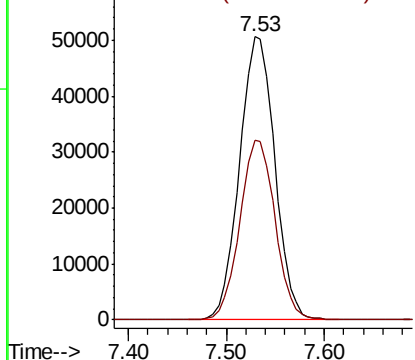


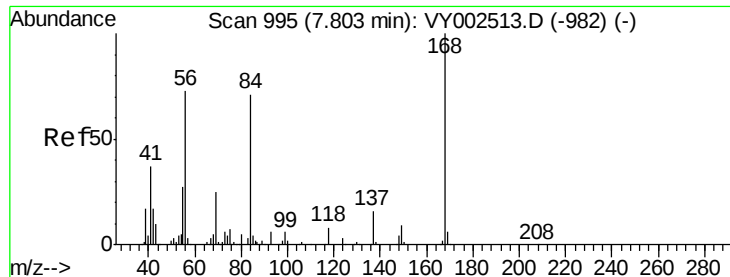
#30
Chloroform
Concen: 20.215 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 83 Resp: 126831
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3



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

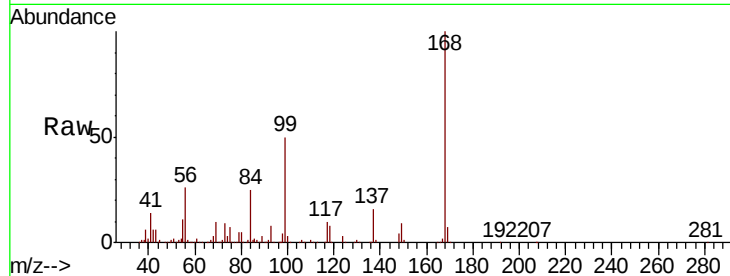




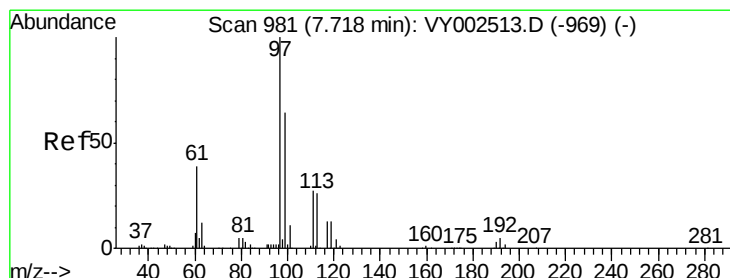
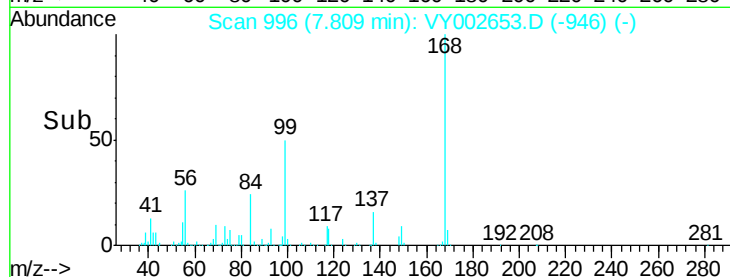
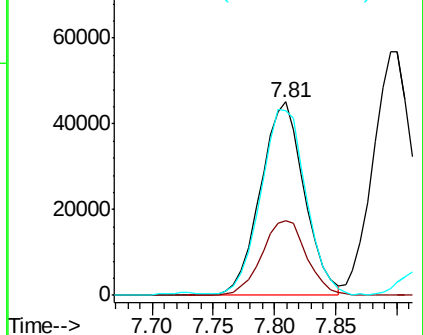
#31
Cyclohexane
Concen: 18.536 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 112581
Ion Ratio Lower Upper
56 100
69 38.6 27.6 41.4
84 94.3 77.7 116.5

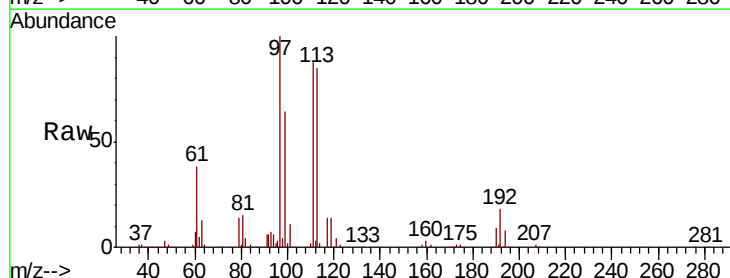


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

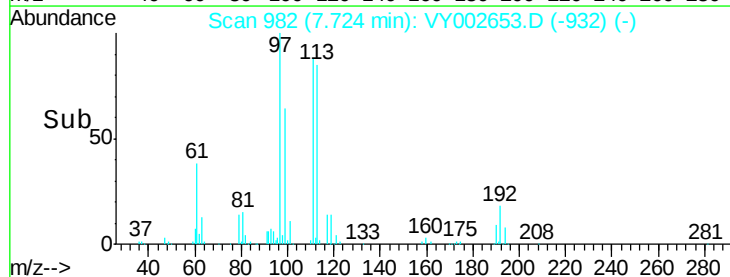
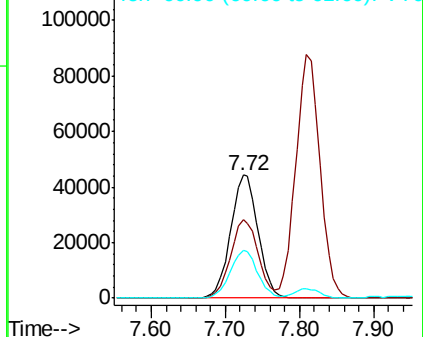


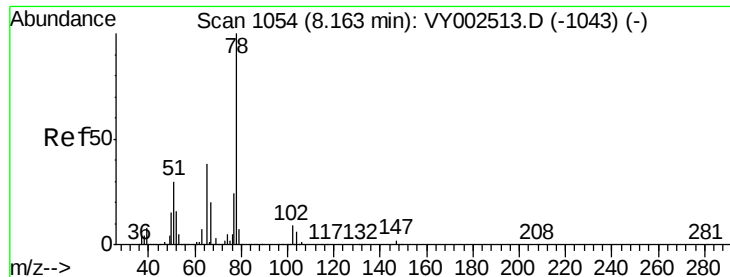
#32
1,1,1-Trichloroethane
Concen: 19.536 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 97 Resp: 113921
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 38.6 31.0 46.6



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

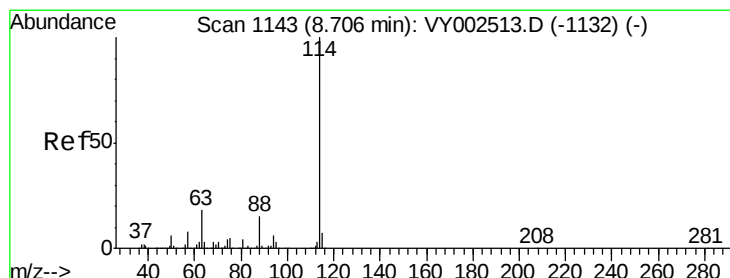
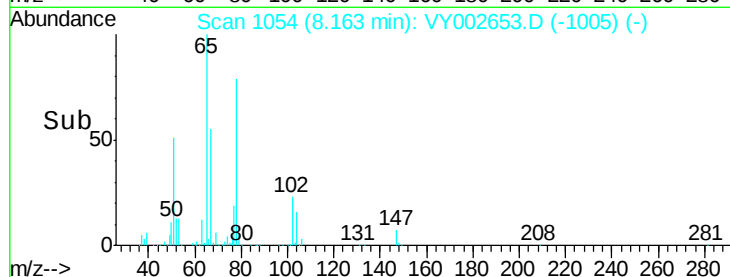
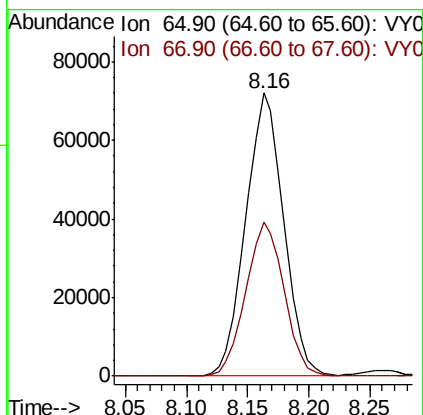
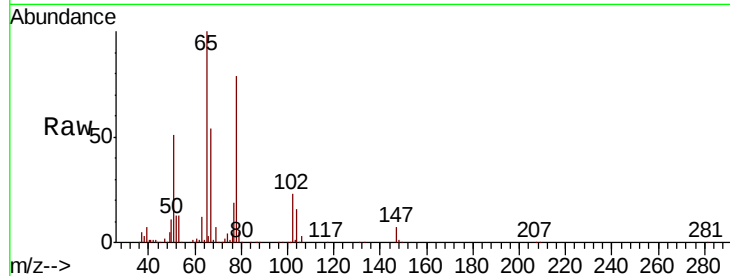




#33
 1,2-Dichloroethane-d4
 Concen: 46.107 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

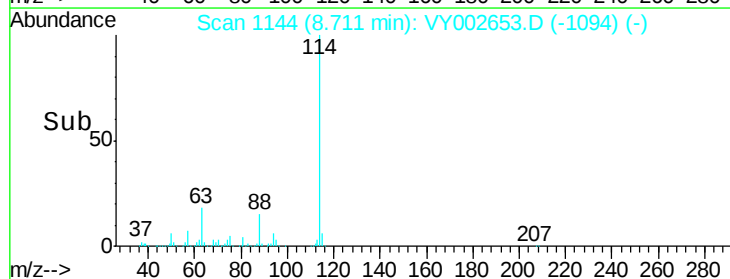
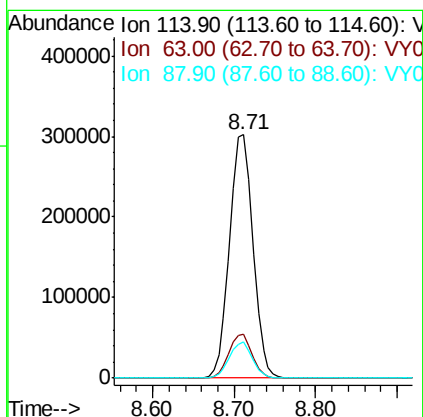
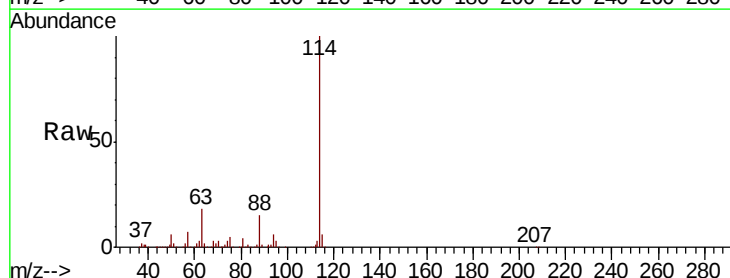
Instrument :
 MSVOA_Y
 ClientSampleId :

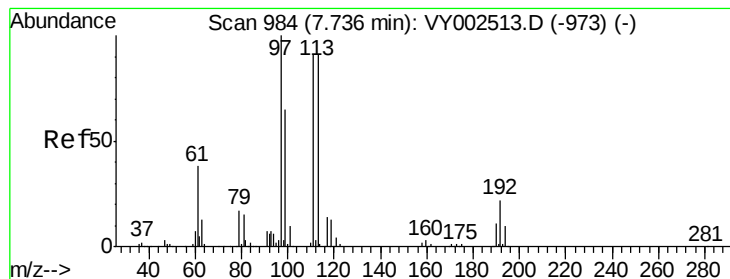
Tot Ion: 65 Resp: 155804
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Tgt Ion: 114 Resp: 598341
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.4
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.269 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

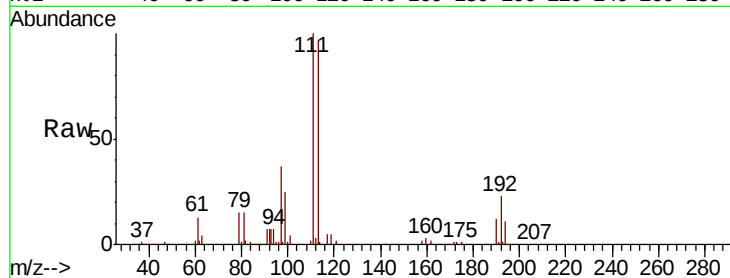
Tot Ion:113 Resp: 172018

Ion Ratio Lower Upper

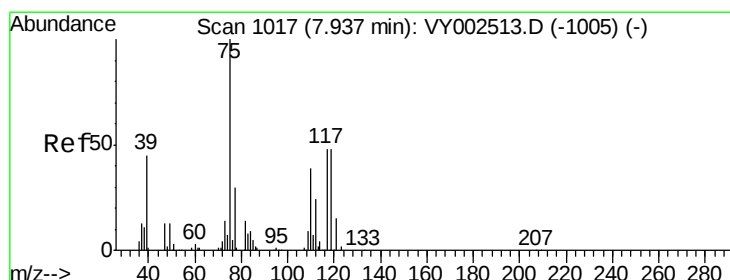
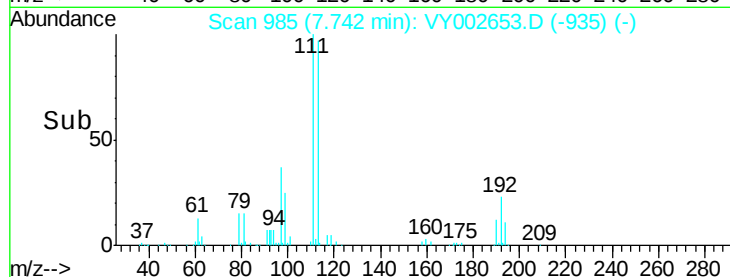
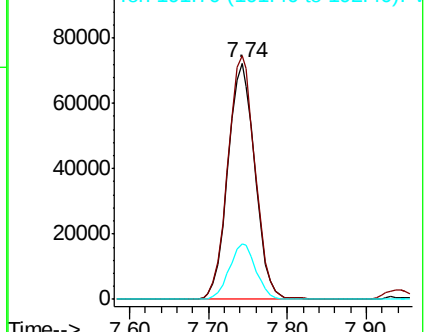
113 100

111 103.9 81.8 122.6

192 23.0 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.319 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

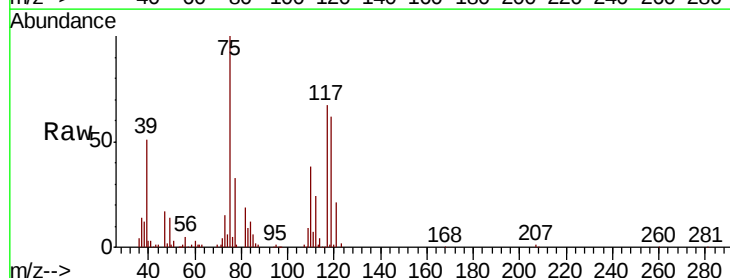
Tgt Ion: 75 Resp: 96905

Ion Ratio Lower Upper

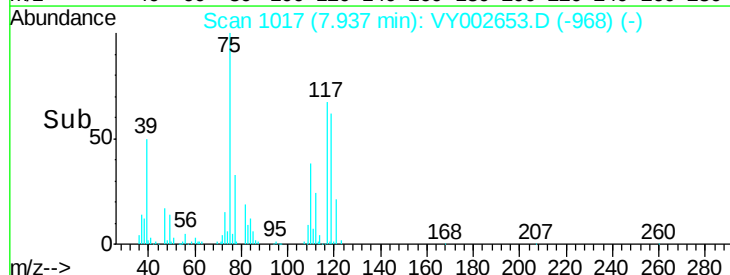
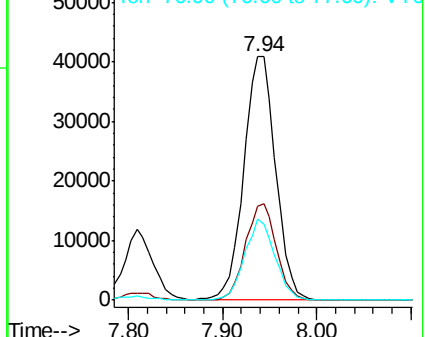
75 100

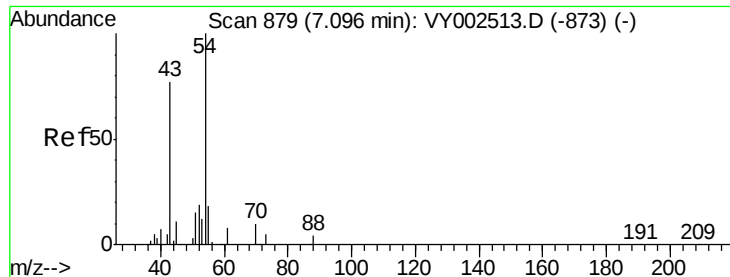
110 38.2 19.1 57.3

77 31.7 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

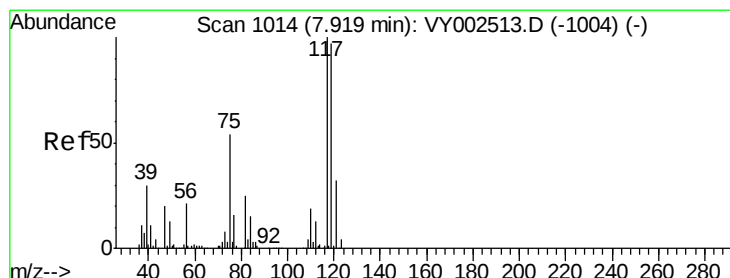
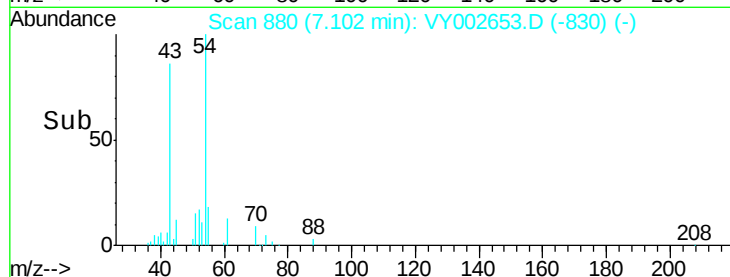
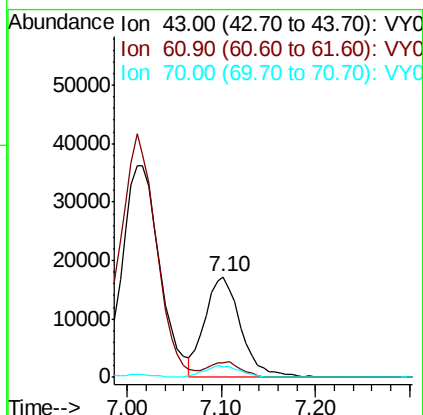
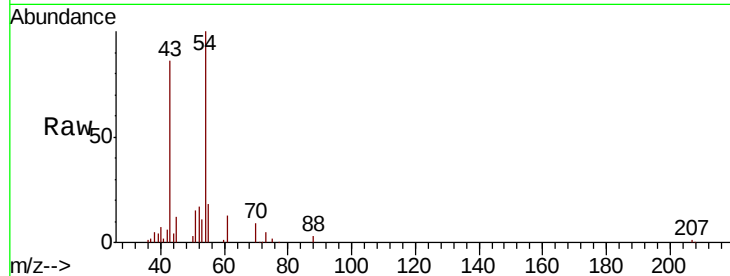




#37
Ethyl Acetate
Concen: 17.734 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

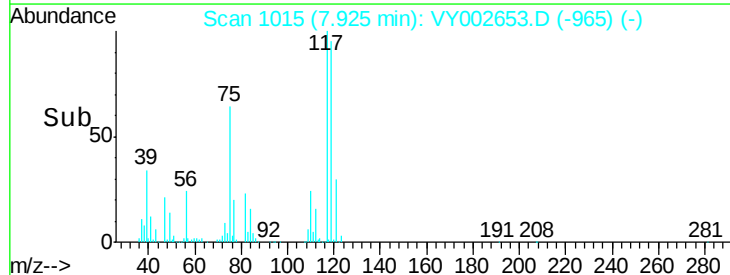
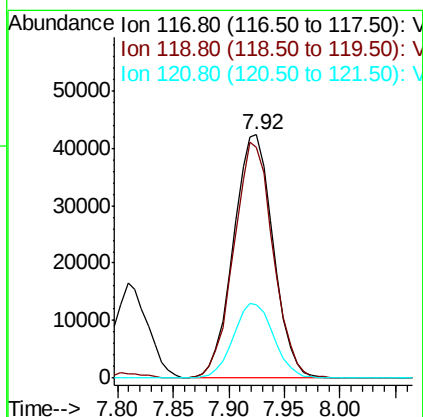
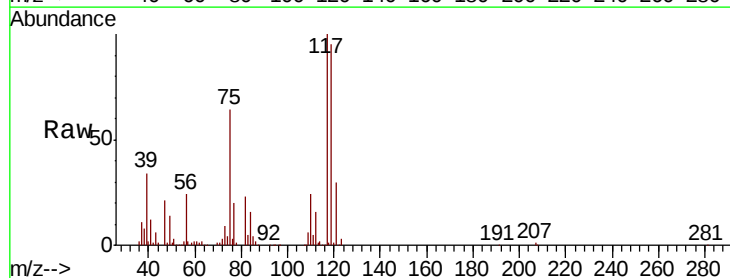
Instrument :
MSVOA_Y
ClientSampled :

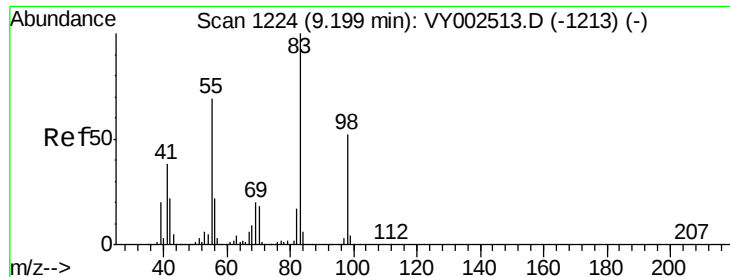
Tot Ion: 43 Resp: 45712
Ion Ratio Lower Upper
43 100
61 13.6 11.6 17.4
70 11.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.176 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 117 Resp: 105013
Ion Ratio Lower Upper
117 100
119 94.6 77.1 115.7
121 29.9 25.2 37.8

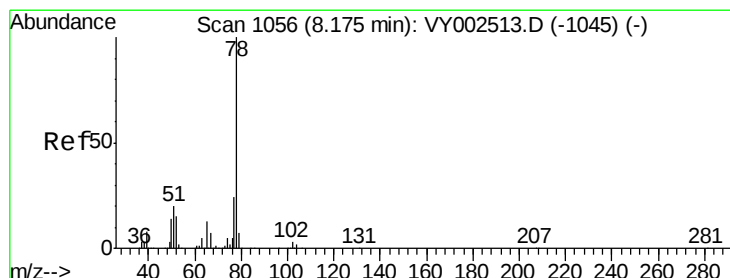
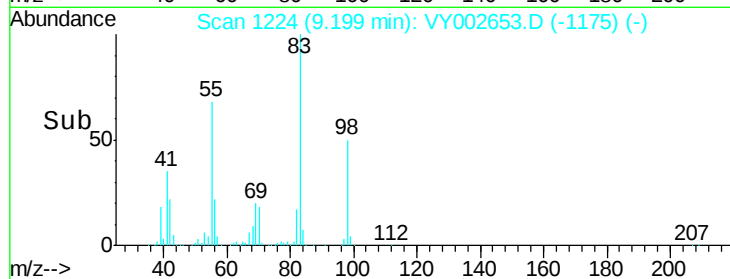
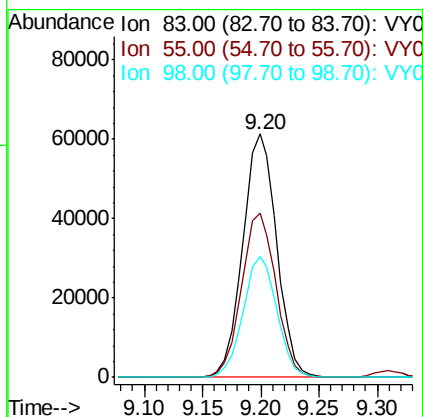
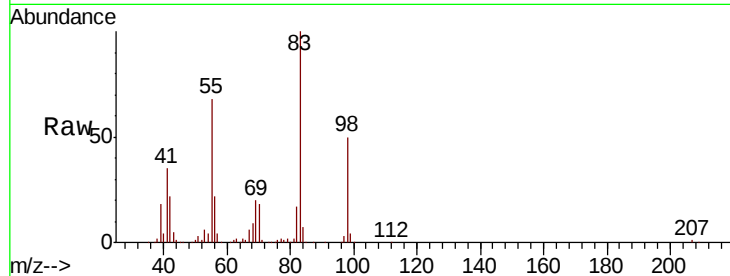




#39
Methvlcvclohexane
Concen: 18.818 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

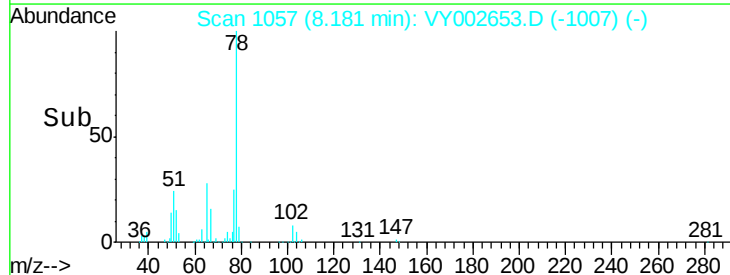
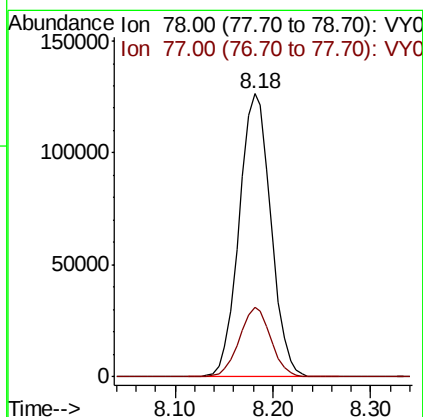
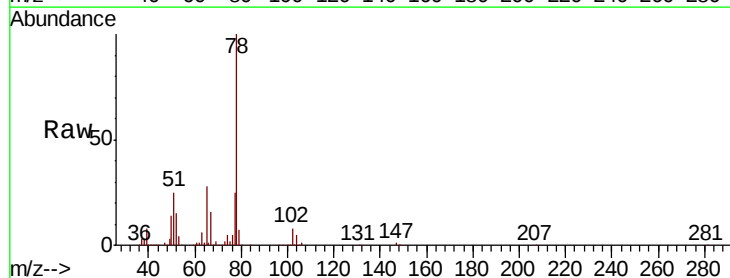
Instrument :
MSVOA_Y
ClientSampleId :

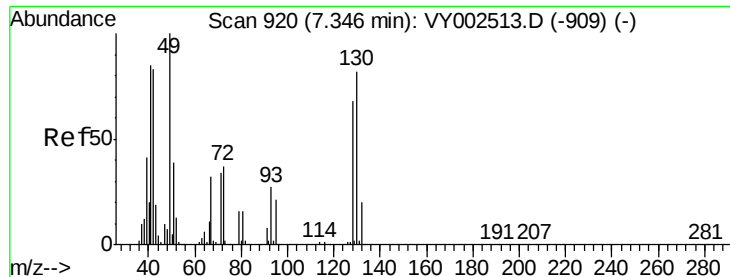
Tot Ion: 83 Resp: 124674
Ion Ratio Lower Upper
83 100
55 67.6 55.4 83.0
98 49.6 41.3 61.9



#40
Benzene
Concen: 19.590 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 78 Resp: 283808
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8

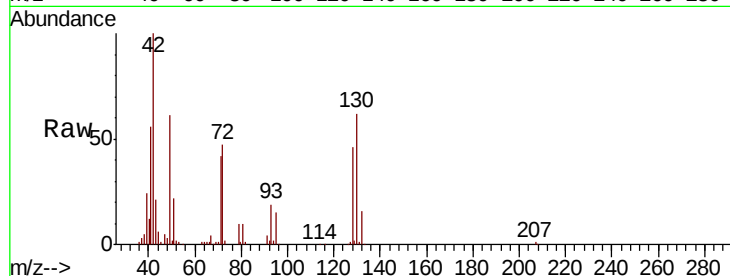




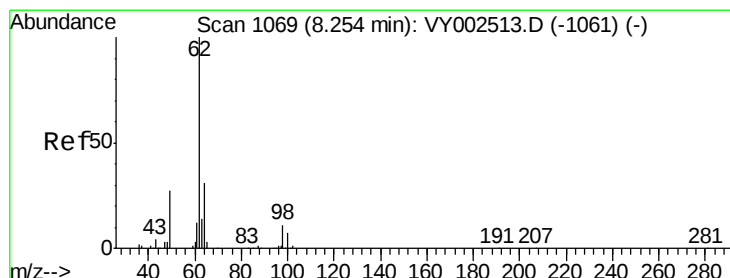
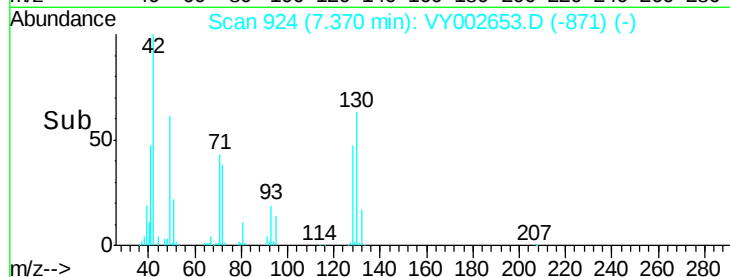
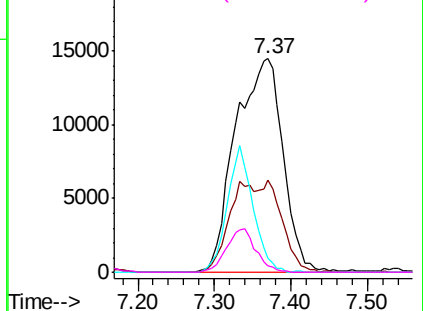
#41
Methacrylonitrile
Concen: 45.111 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	62519
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

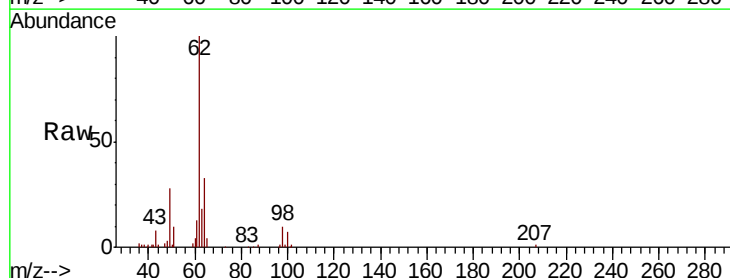


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

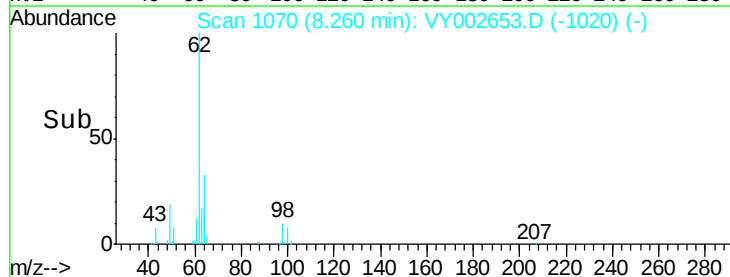
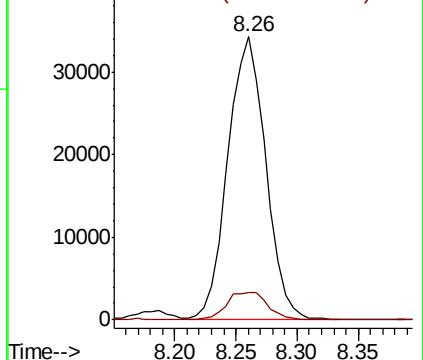


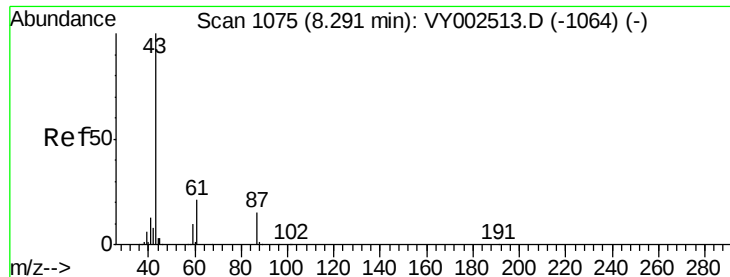
#42
1,2-Dichloroethane
Concen: 18.127 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion:	62	Resp:	73663
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0



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



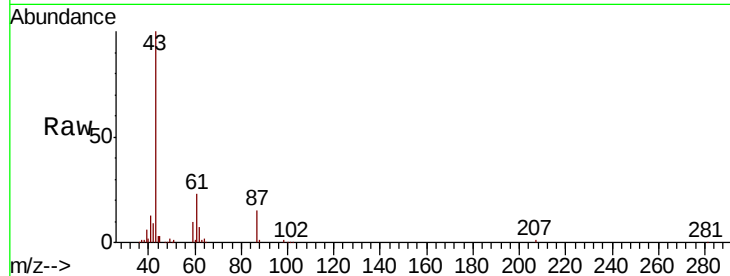


#43

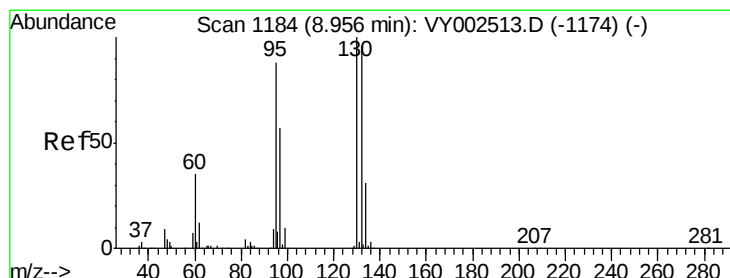
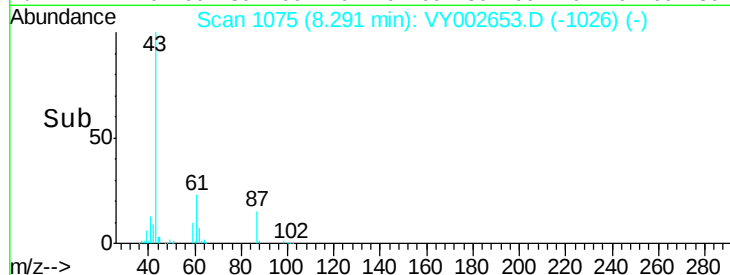
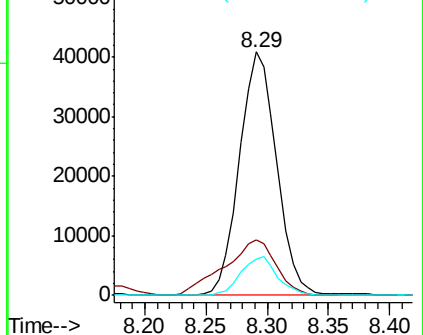
Isopropyl Acetate
 Concen: 17.898 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43.00	Resp	86488
Ion Ratio	Lower	Upper	
43	100		
61	31.6	24.8	37.2
87	15.5	12.2	18.2



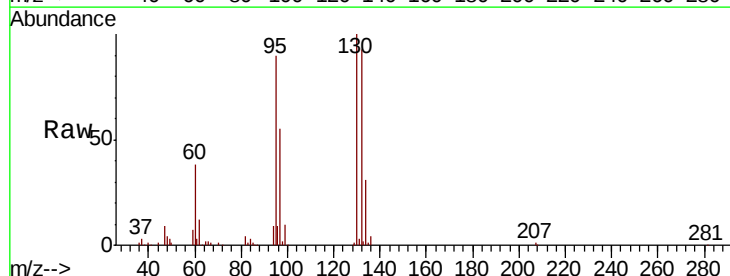
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



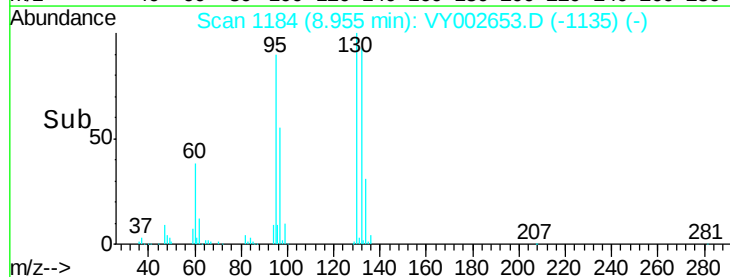
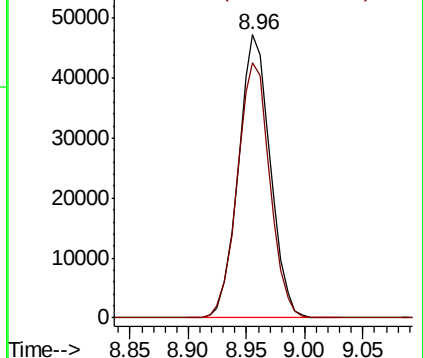
#44

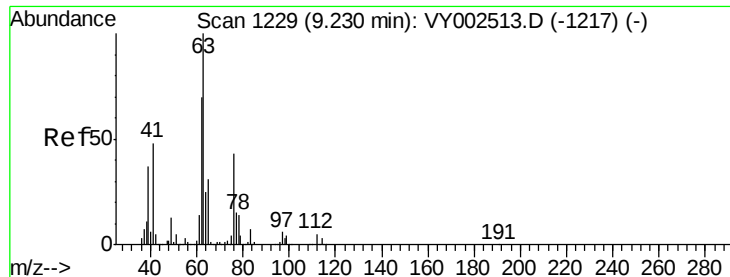
Trichloroethene
 Concen: 19.932 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Tgt Ion	130	Resp	90243
Ion Ratio	Lower	Upper	
130	100		
95	90.4	0.0	175.8



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

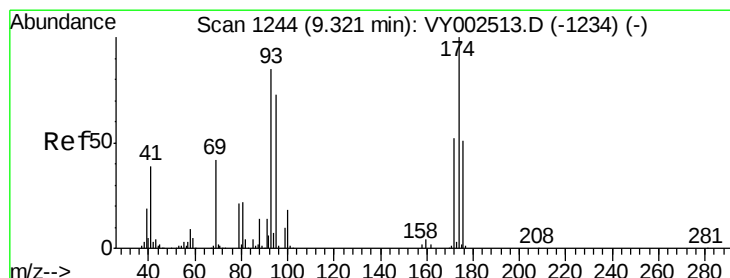
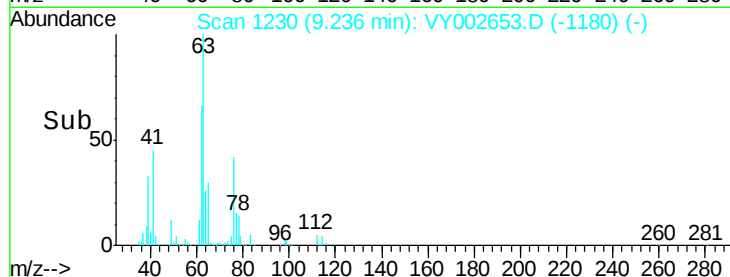
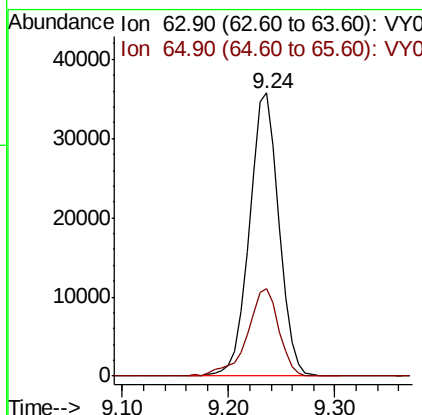
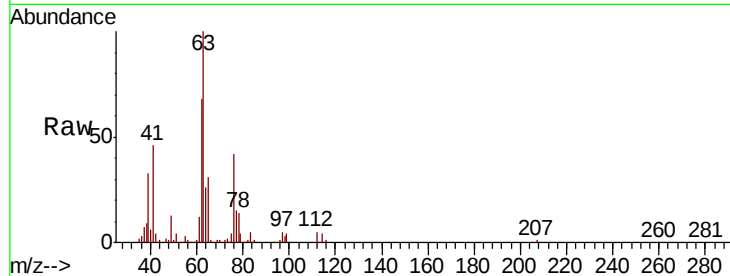




#45
 1,2-Dichloropropane
 Concen: 19.917 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

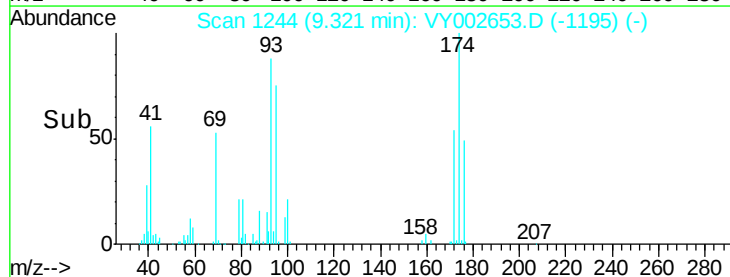
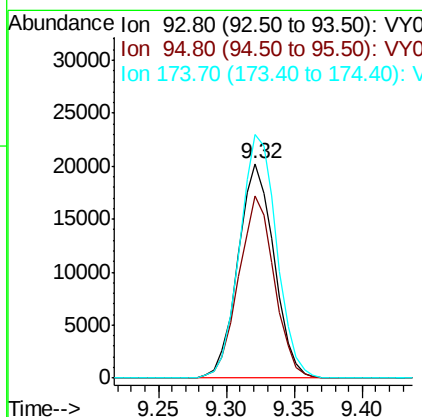
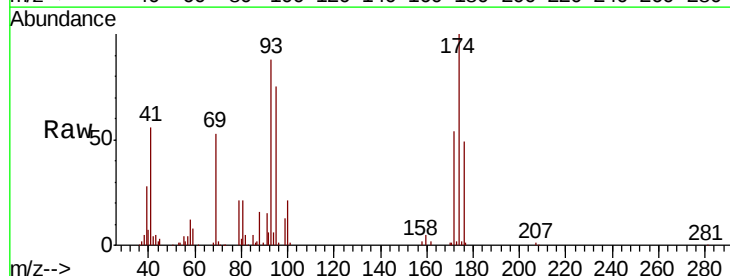
Instrument :
 MSVOA_Y
 ClientSampleId :

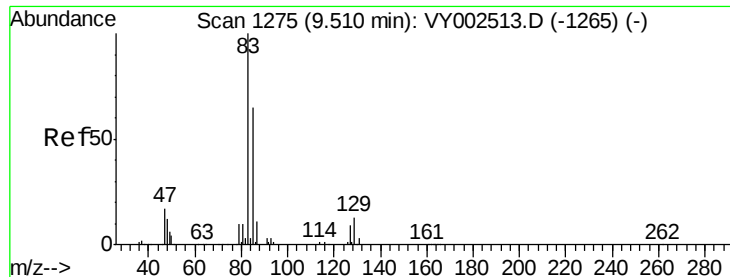
Tot Ion: 63 Resp: 69638
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.5 36.7



#46
 Dibromomethane
 Concen: 18.686 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Tgt Ion: 93 Resp: 37590
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.4
 174 116.0 92.7 139.1





#47

Bromodichloromethane

Concen: 19.175 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

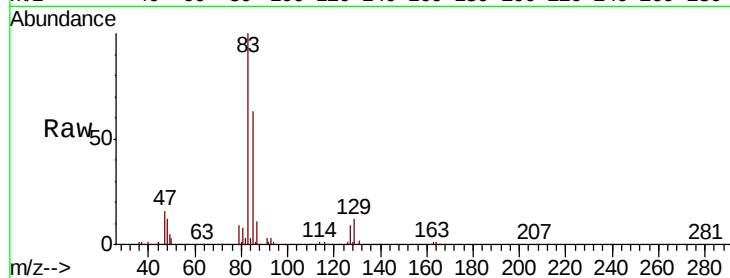
Tot Ion: 83 Resp: 93796

Ion Ratio Lower Upper

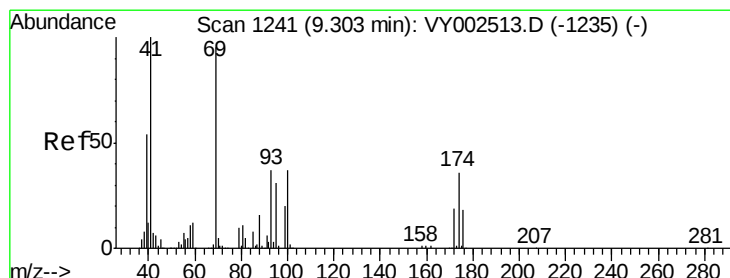
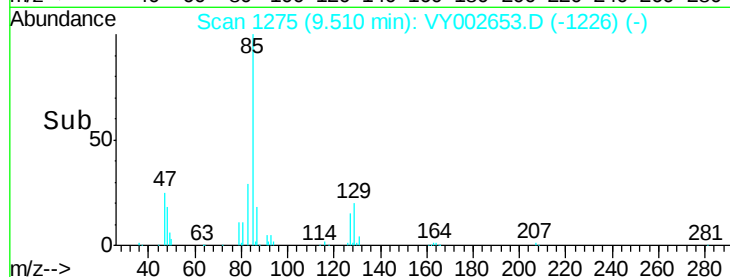
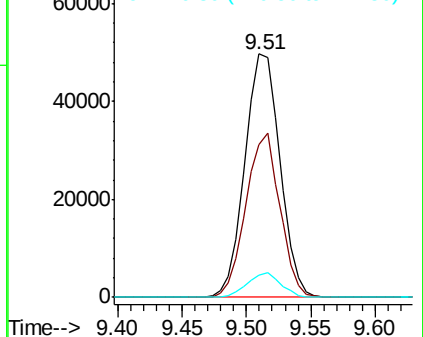
83 100

85 62.5 51.8 77.8

127 9.2 7.4 11.0



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: 18.098 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

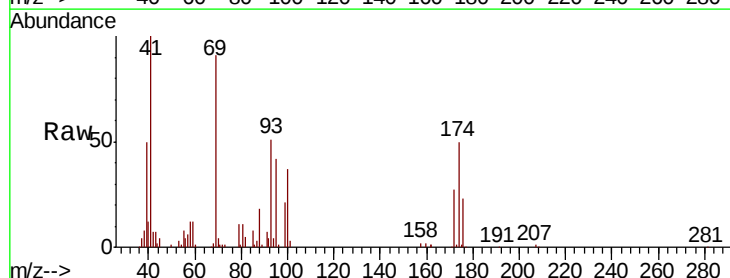
Tgt Ion: 41 Resp: 39579

Ion Ratio Lower Upper

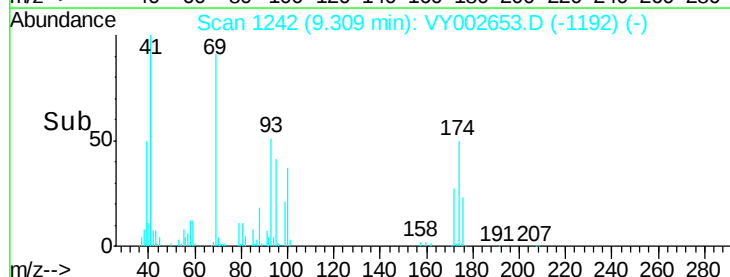
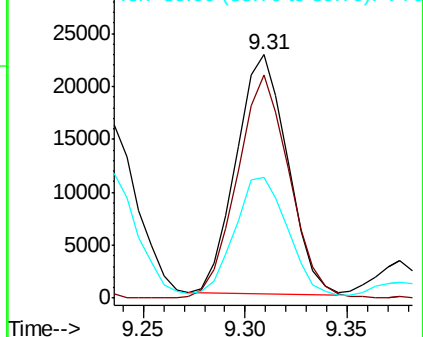
41 100

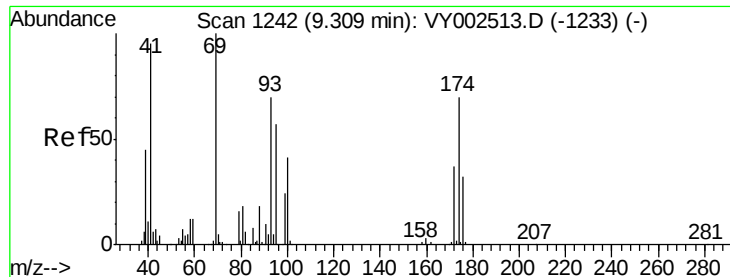
69 94.9 76.2 114.4

39 53.2 42.7 64.1



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

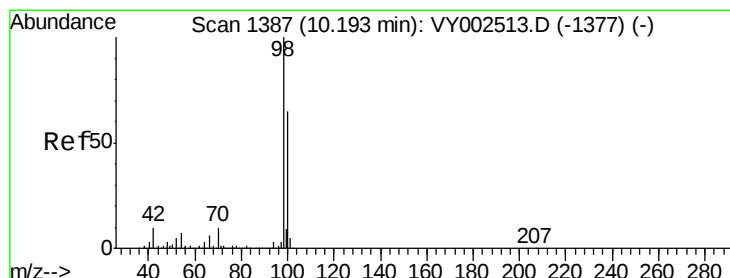
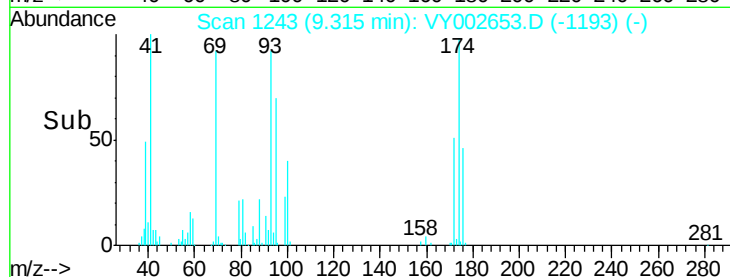
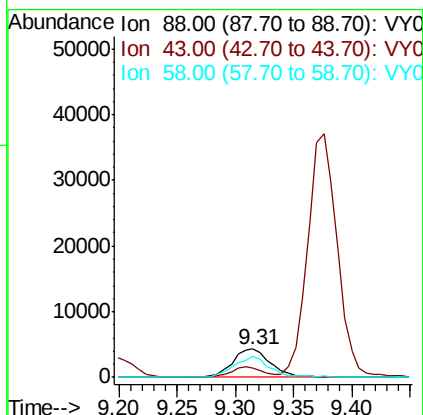
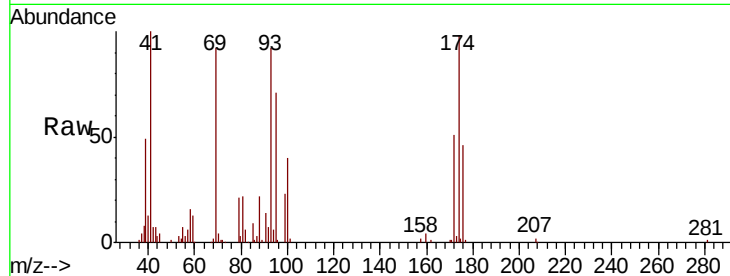




#49
1,4-Dioxane
Concen: 365.040 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

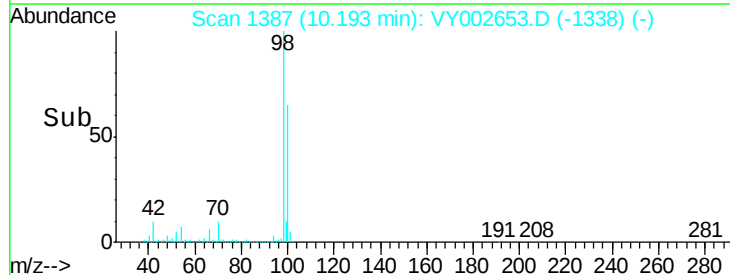
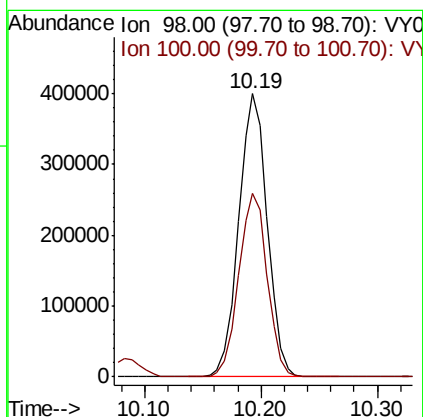
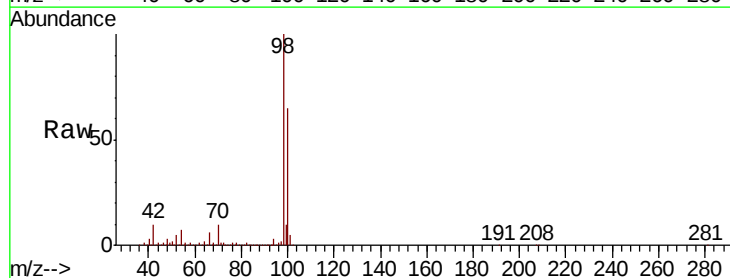
Instrument :
MSVOA_Y
ClientSampleId :

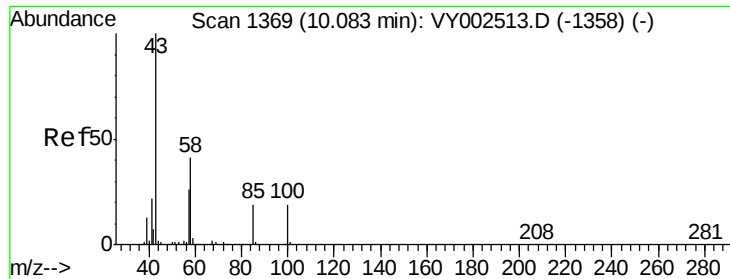
Tot Ion: 88 Resp: 9723
Ion Ratio Lower Upper
88 100
43 30.4 22.8 34.2
58 69.3 51.4 77.2



#50
Toluene-d8
Concen: 50.972 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 98 Resp: 681145
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

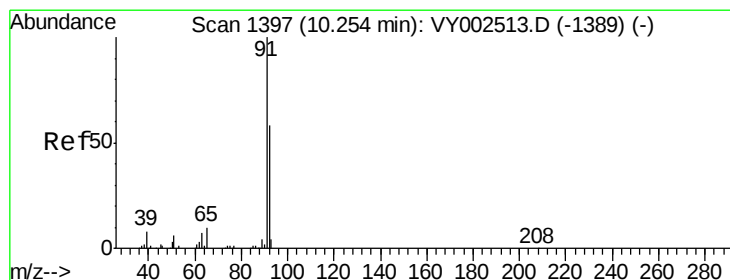
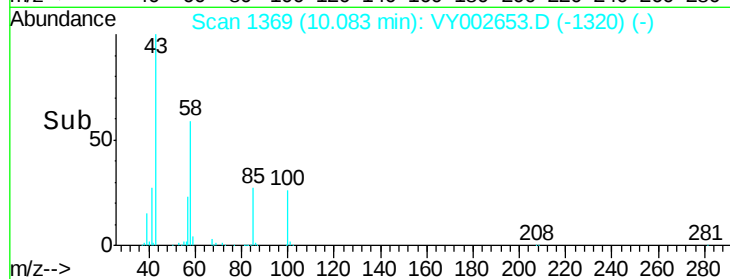
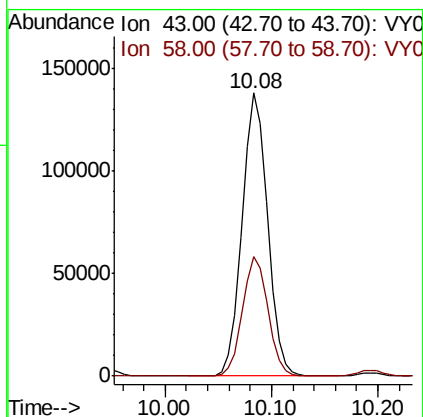
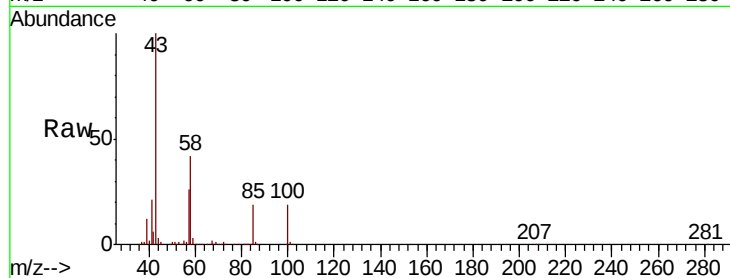




#51
4-Methyl-2-Pentanone
Concen: 93.777 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

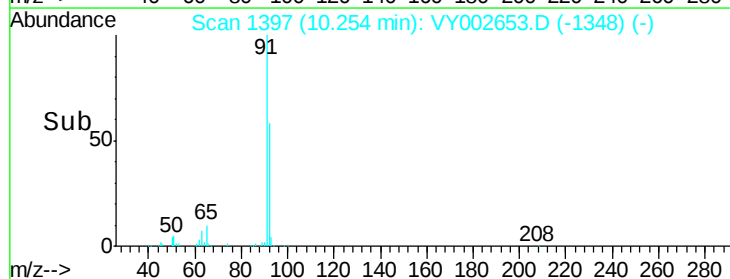
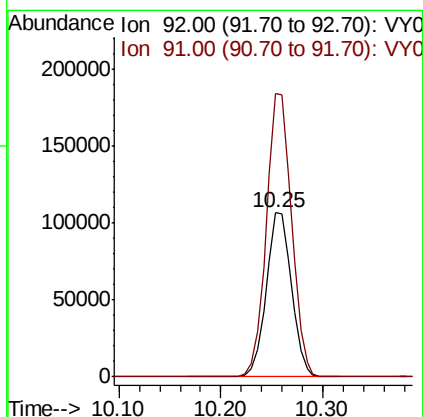
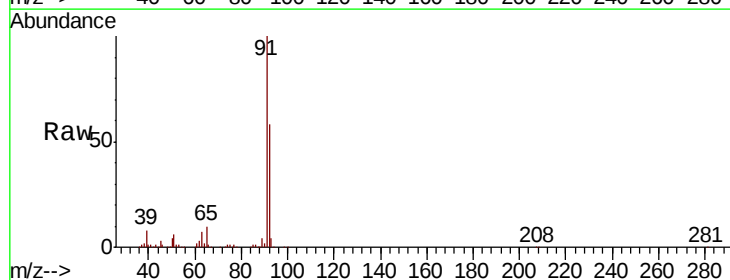
Instrument :
MSVOA_Y
ClientSampleId :

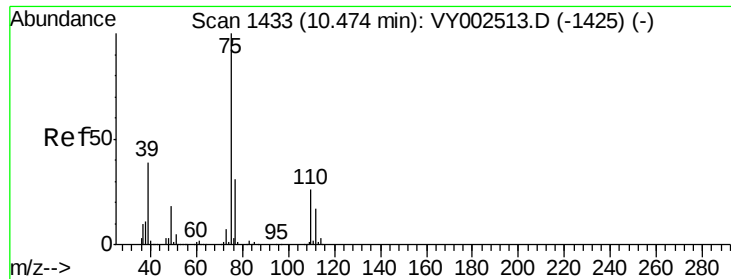
Tot Ion: 43 Resp: 233571
Ion Ratio Lower Upper
43 100
58 42.3 33.2 49.8



#52
Toluene
Concen: 19.528 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 92 Resp: 181815
Ion Ratio Lower Upper
92 100
91 173.4 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.139 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

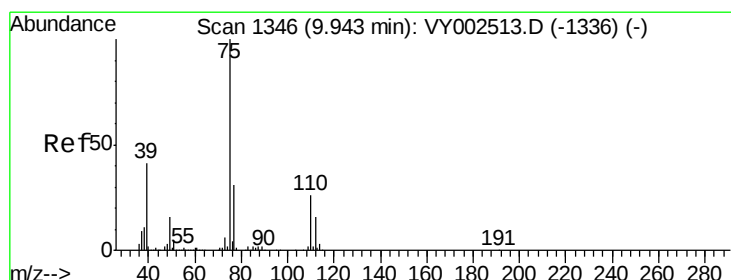
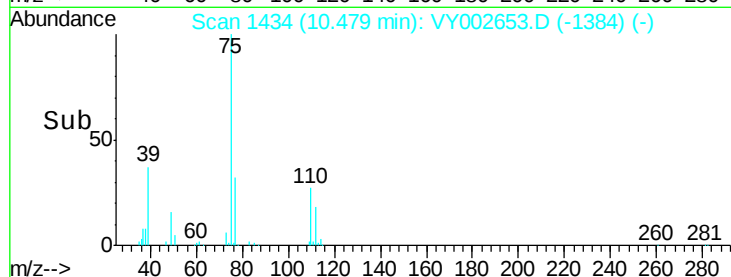
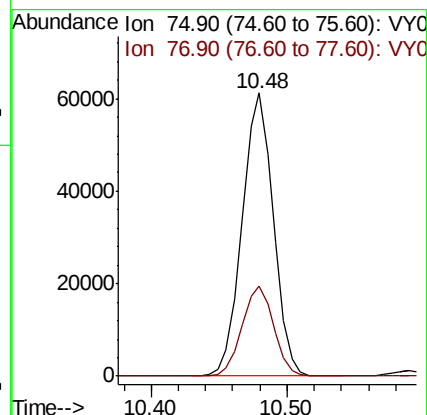
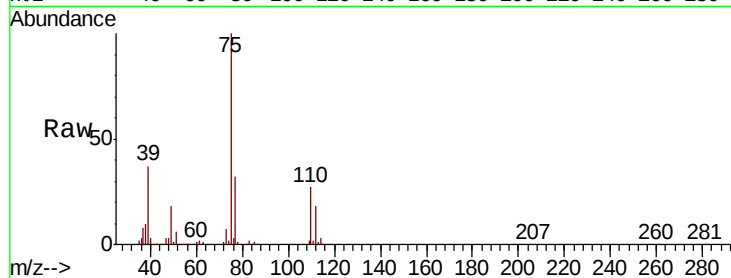
ClientSampleId :

Tot Ion: 75 Resp: 98088

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.497 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

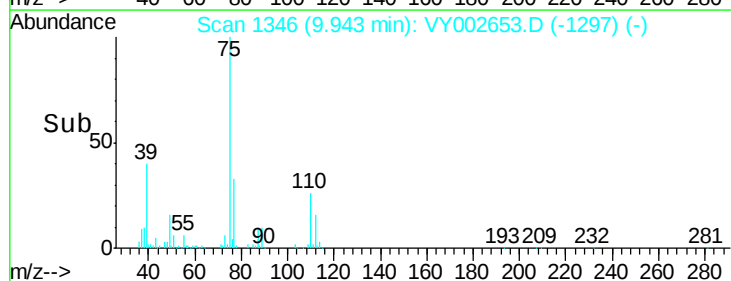
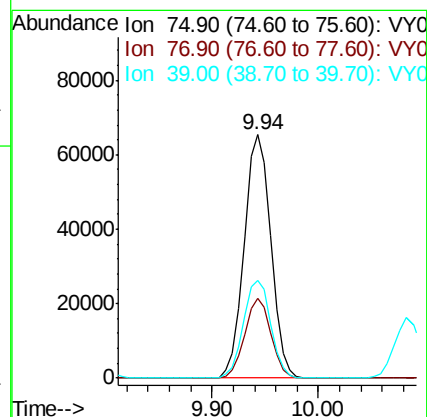
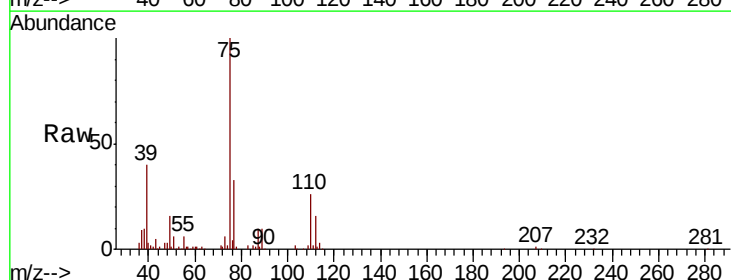
Tgt Ion: 75 Resp: 115517

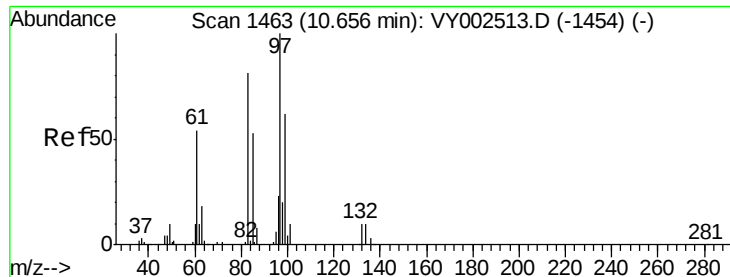
Ion Ratio Lower Upper

75 100

77 32.7 25.1 37.7

39 40.0 32.7 49.1

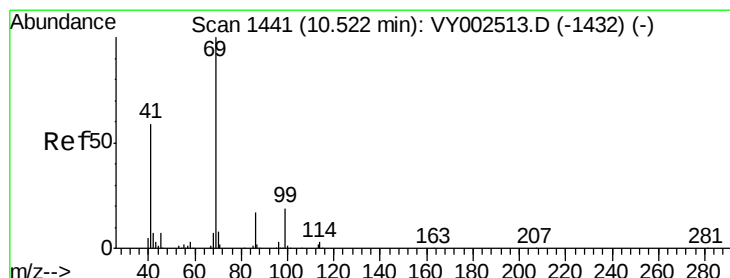
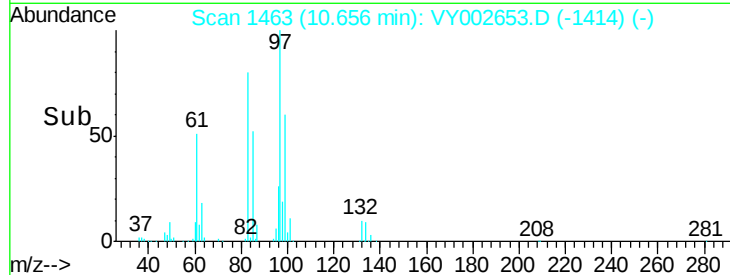
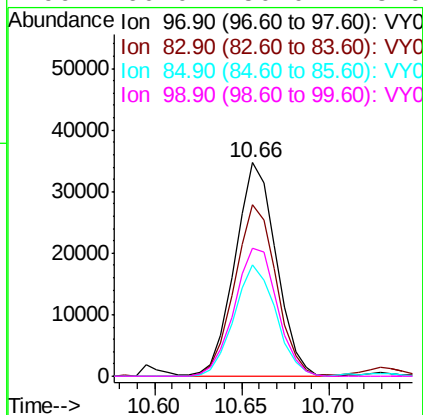
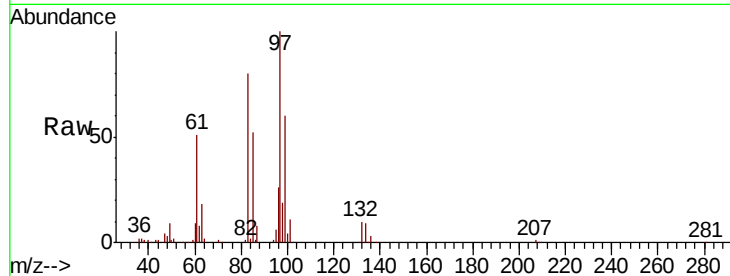




#55
 1,1,2-Trichloroethane
 Concen: 19.376 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

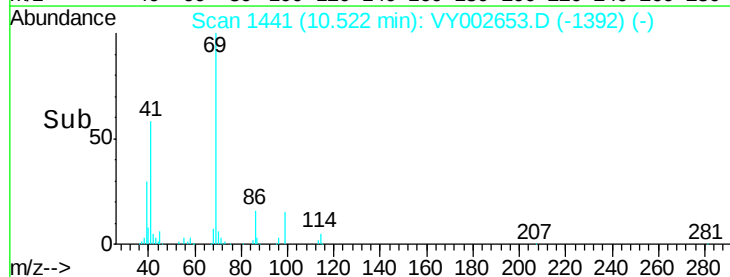
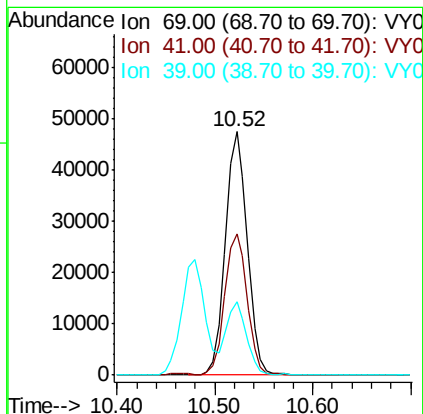
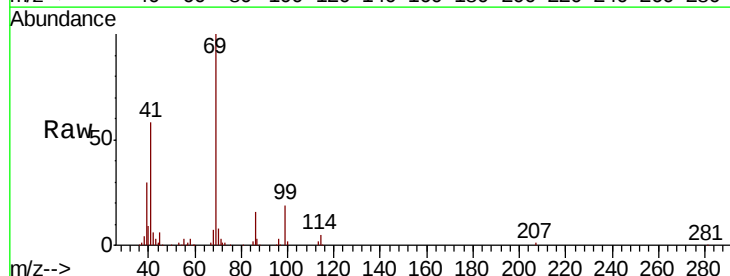
Instrument :
 MSVOA_Y
 ClientSampleId :

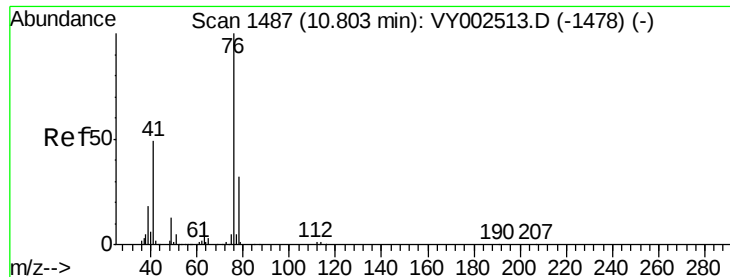
Tot Ion:	97	Resp:	56841
Ion	Ratio	Lower	Upper
97	100		
83	80.4	65.1	97.7
85	52.1	42.7	64.1
99	60.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.919 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Tgt Ion:	69	Resp:	73833
Ion	Ratio	Lower	Upper
69	100		
41	58.7	48.6	73.0
39	27.1	25.0	37.4





#57

1,3-Dichloropropane

Concen: 18.825 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

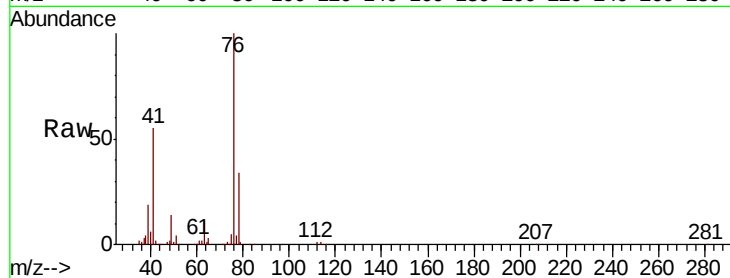
ClientSampleId :

Tot Ion: 76 Resp: 93655

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

60000

50000

40000

30000

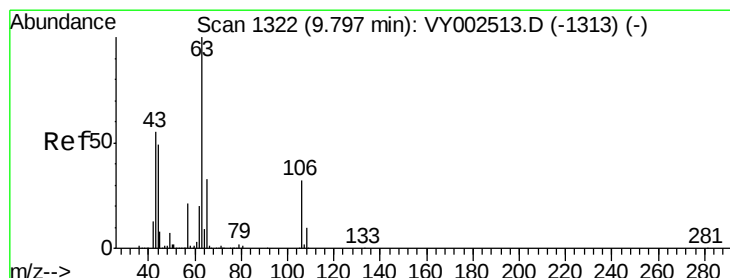
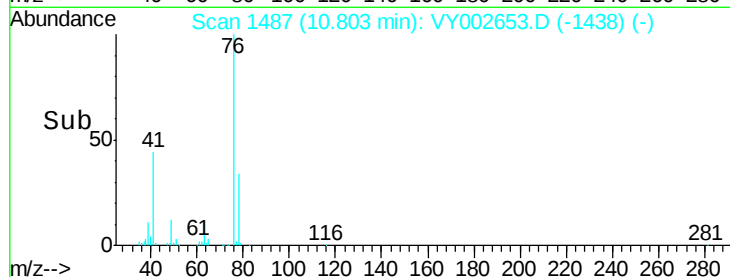
20000

10000

0

Time-->

10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 98.286 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002653.D

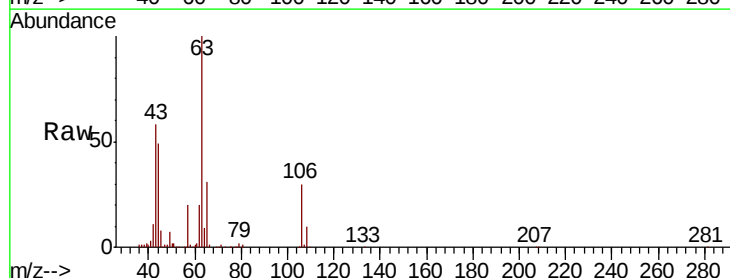
Acq: 11 May 2020 11:16

Tgt Ion: 63 Resp: 202278

Ion Ratio Lower Upper

63 100

106 31.4 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

150000

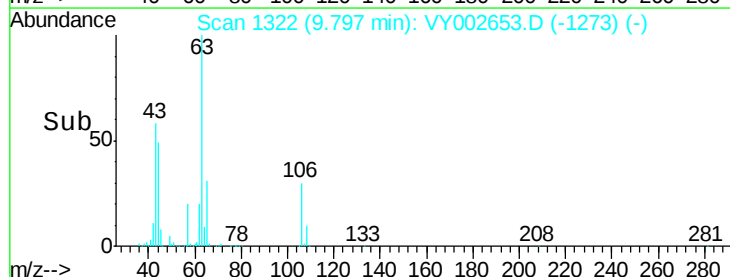
100000

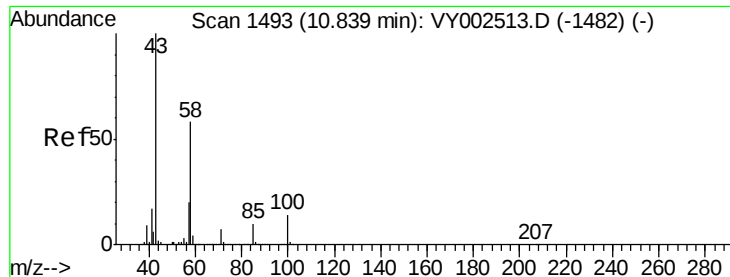
50000

0

Time-->

9.70 9.75 9.80 9.85 9.90

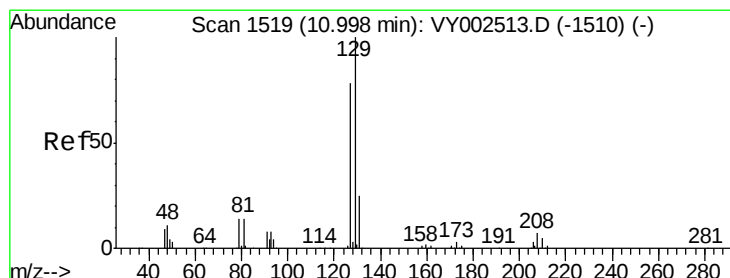
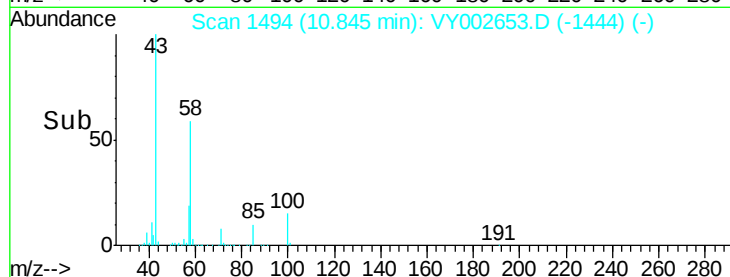
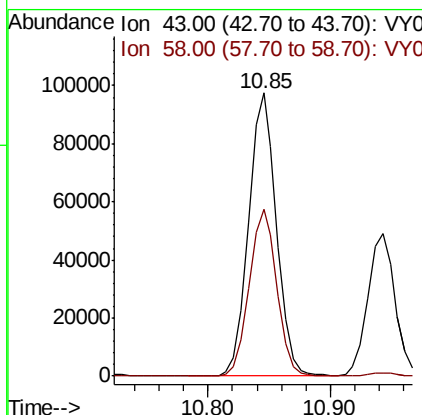
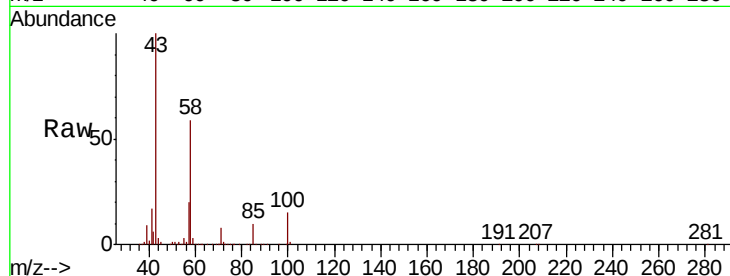




#59
2-Hexanone
Concen: 89.955 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

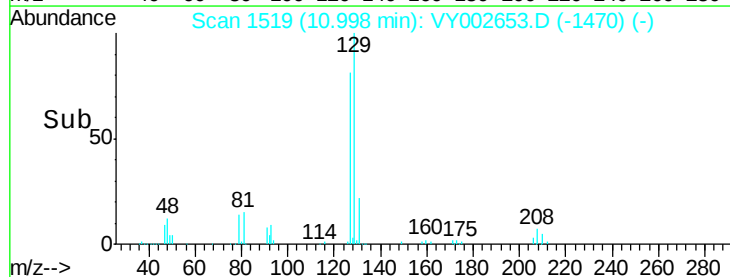
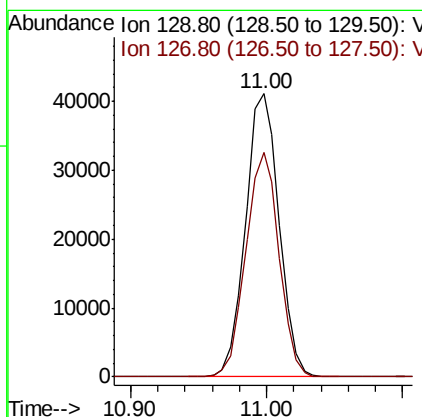
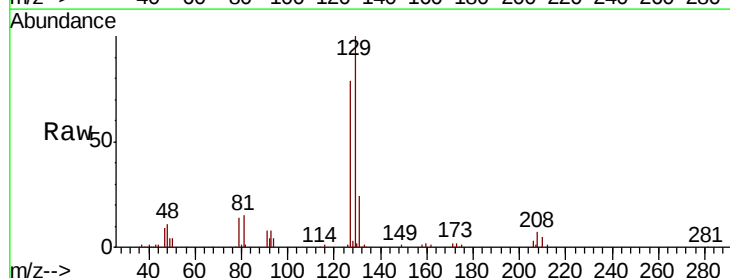
Instrument :
MSVOA_Y
ClientSampleId :

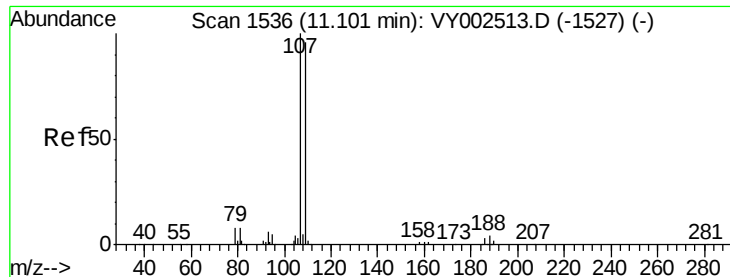
Tot Ion: 43 Resp: 154208
Ion Ratio Lower Upper
43 100
58 58.6 29.1 87.3



#60
Dibromochloromethane
Concen: 19.027 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 129 Resp: 70994
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

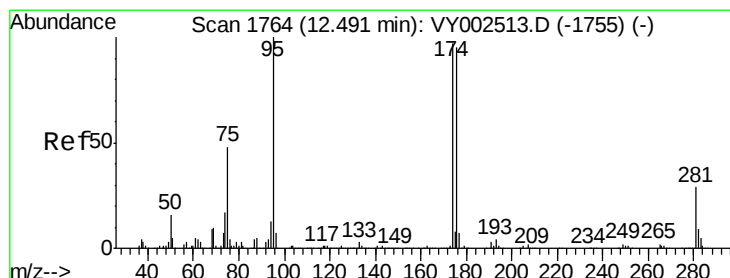
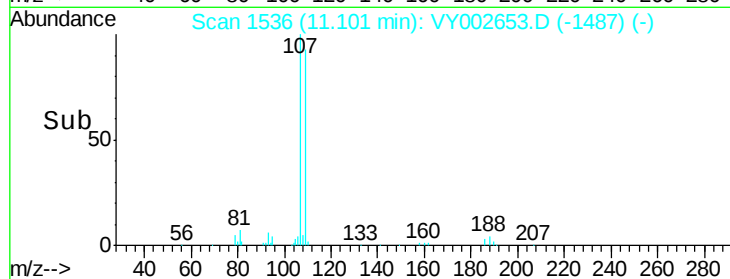
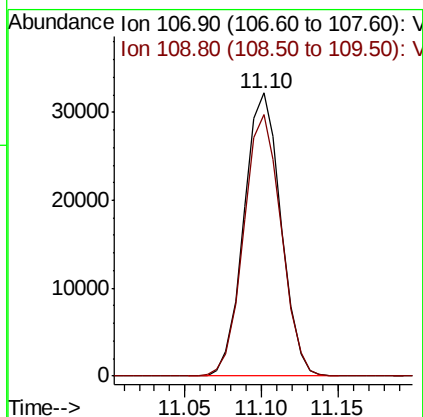
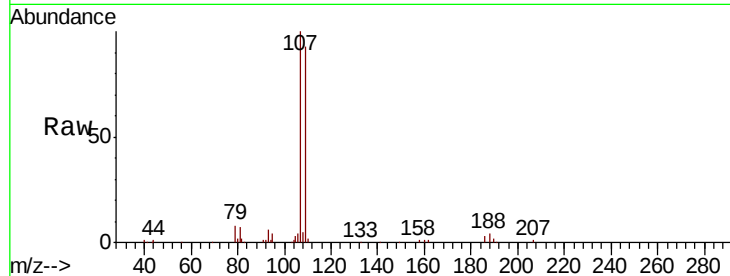




#61
 1,2-Dibromoethane
 Concen: 18.619 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

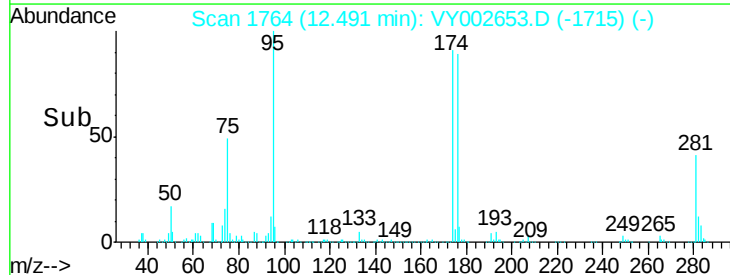
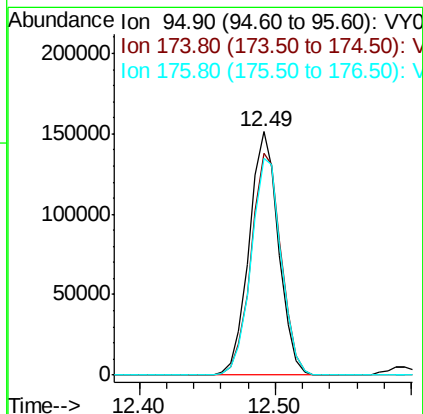
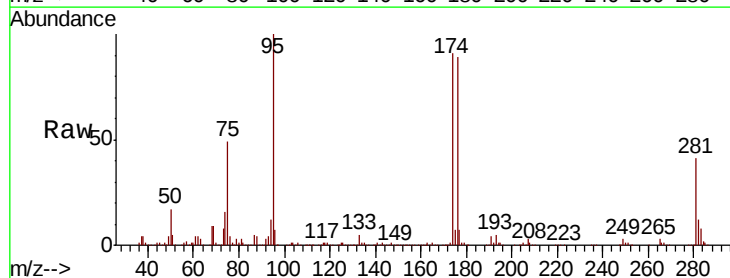
Instrument :
 MSVOA_Y
 ClientSampleId :

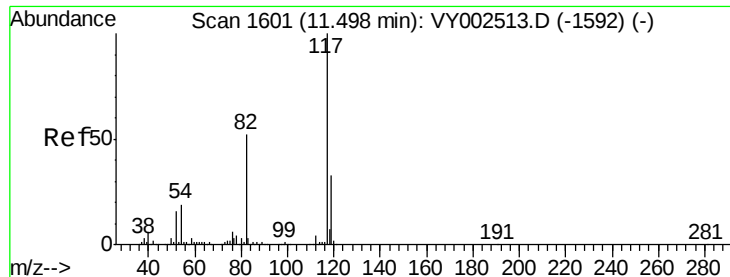
Tot Ion:107 Resp: 54085
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.695 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Tgt Ion: 95 Resp: 229874
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 188.8
 176 90.8 0.0 183.2

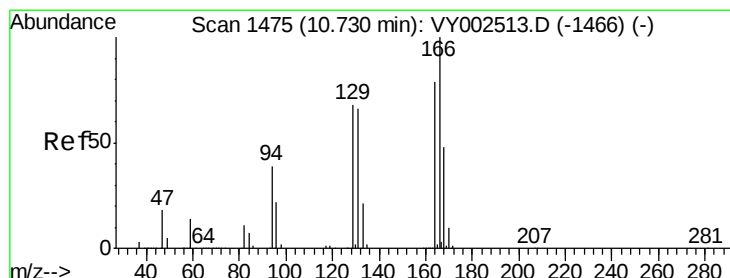
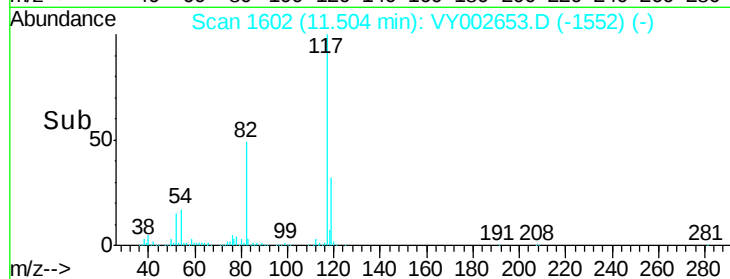
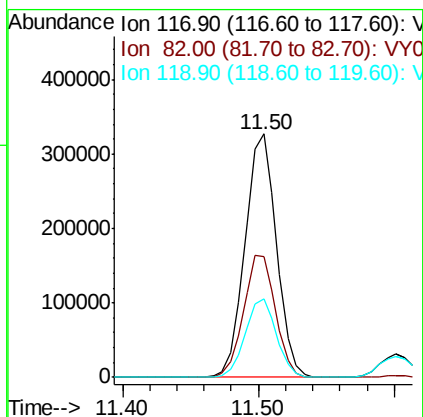
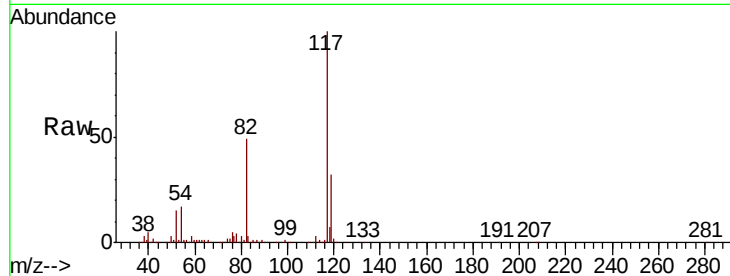




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

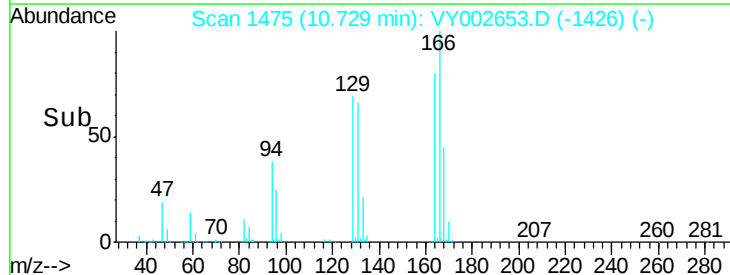
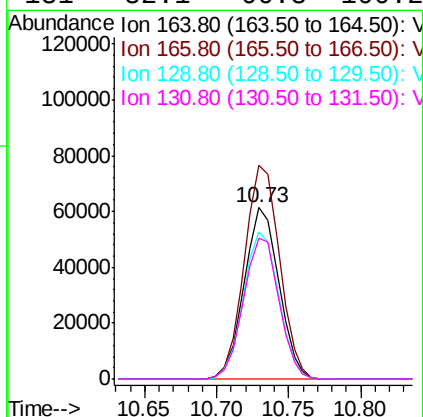
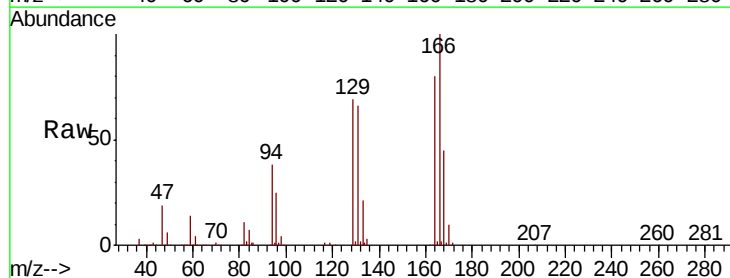
Instrument :
MSVOA_Y
ClientSampled :

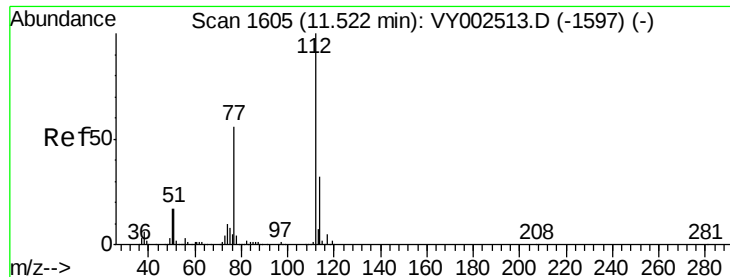
Tot Ion:117 Resp: 528042
Ion Ratio Lower Upper
117 100
82 49.5 41.3 61.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 21.849 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion:164 Resp: 102507
Ion Ratio Lower Upper
164 100
166 124.5 100.7 151.1
129 85.8 68.3 102.5
131 82.1 66.8 100.2

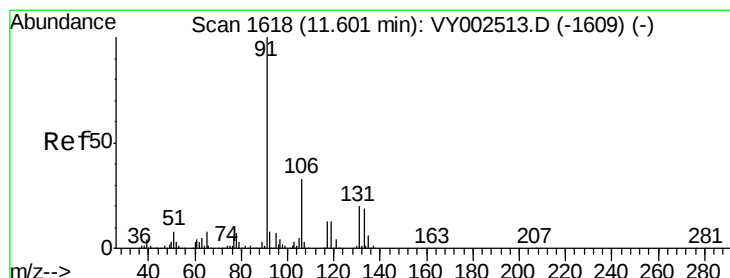
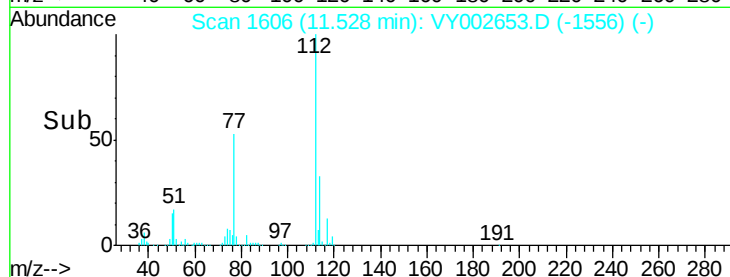
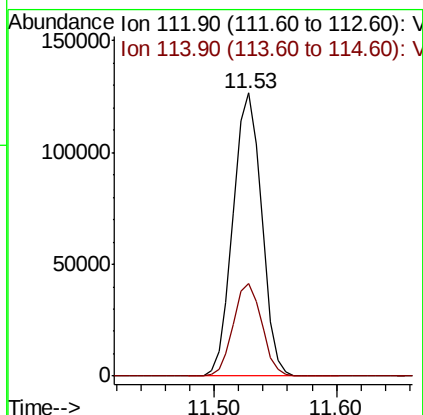
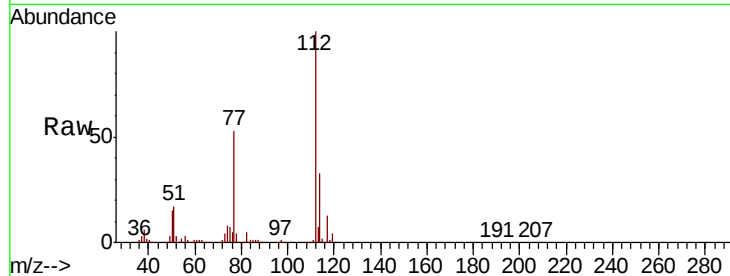




#65
Chlorobenzene
Concen: 20.373 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

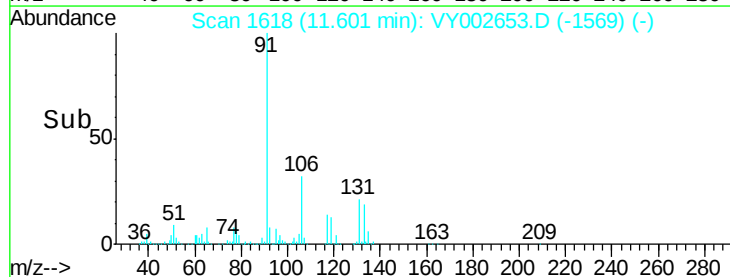
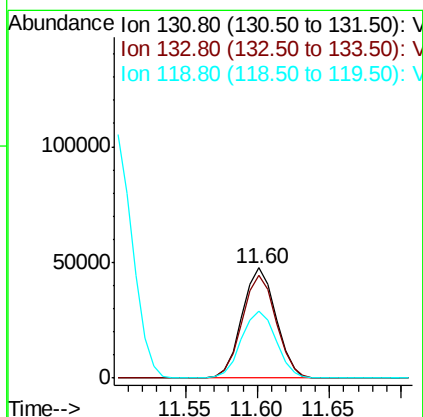
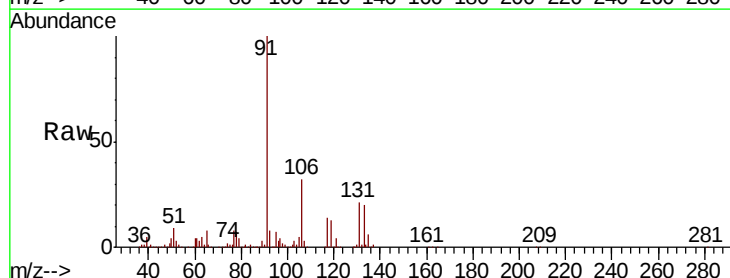
Instrument :
MSVOA_Y
ClientSampleId :

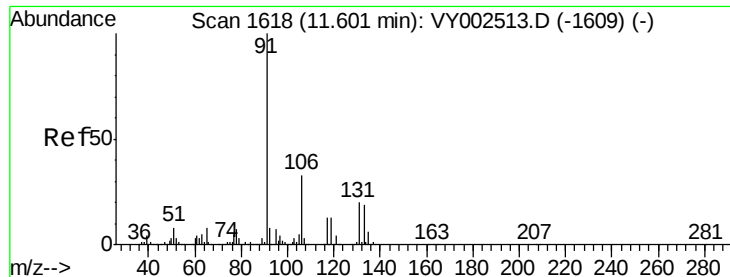
Tot Ion:112 Resp: 204503
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.841 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion:131 Resp: 77657
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.4
119 62.3 31.6 95.0

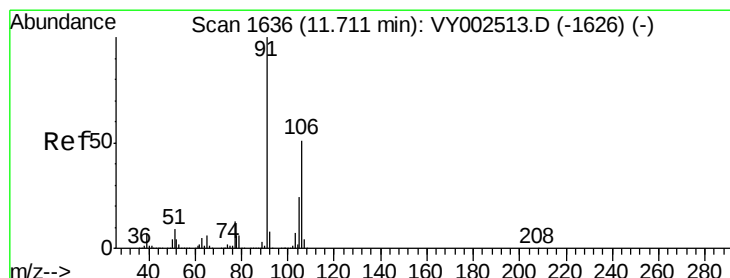
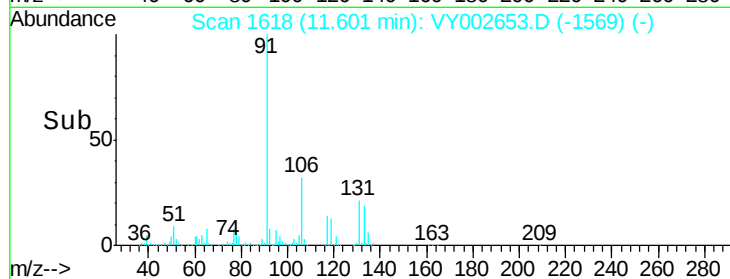
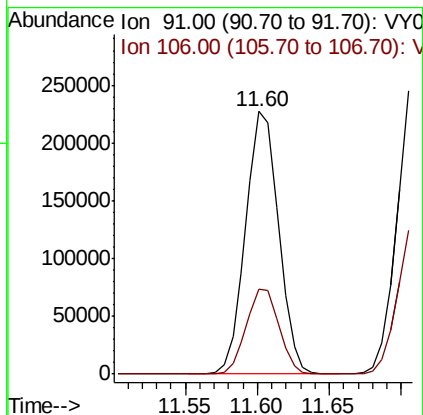
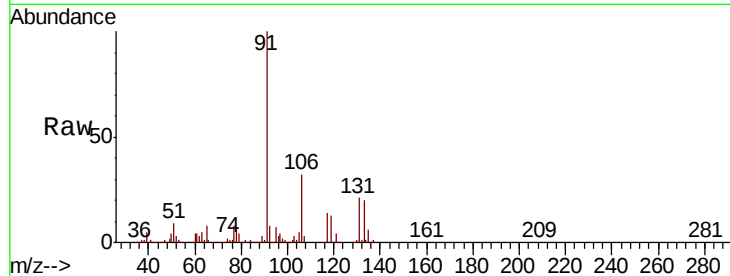




#67
Ethyl Benzene
Concen: 20.387 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

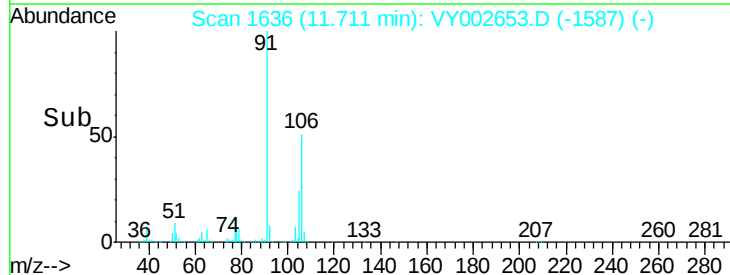
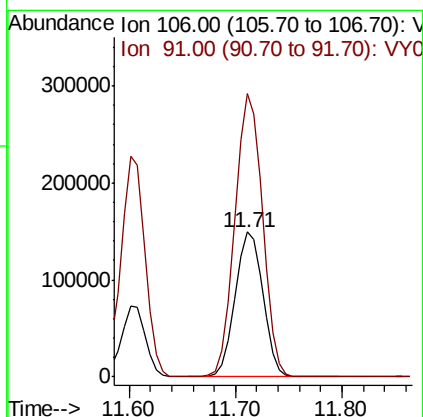
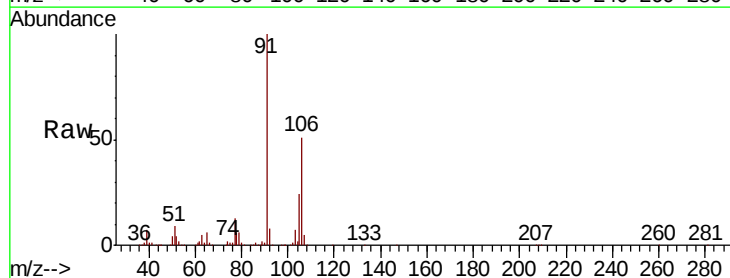
Instrument :
MSVOA_Y
ClientSampled :

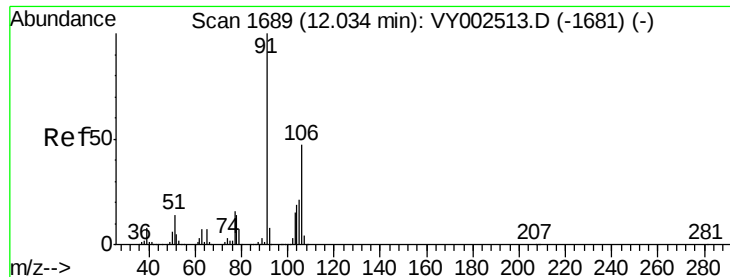
Tot Ion: 91 Resp: 359469
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1



#68
m/p-Xylenes
Concen: 40.241 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 106 Resp: 274544
Ion Ratio Lower Upper
106 100
91 194.7 155.2 232.8

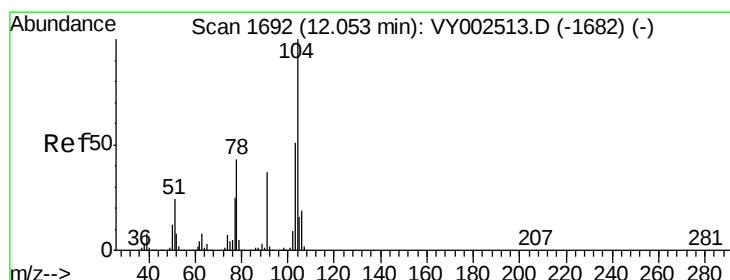
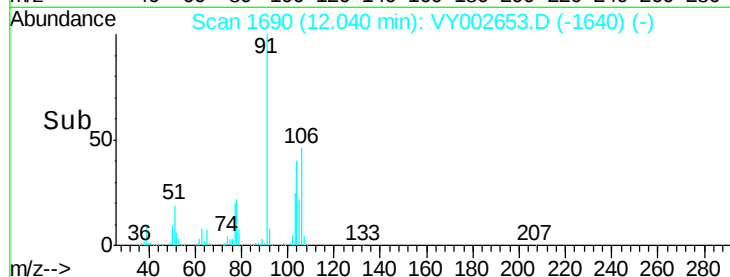
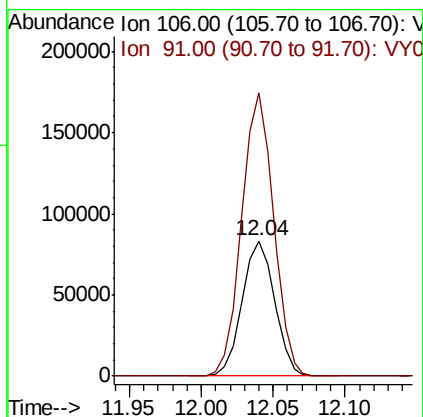
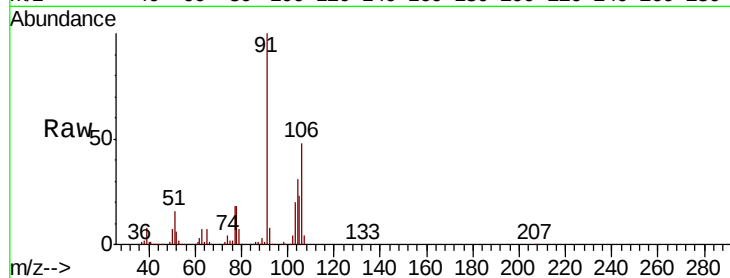




#69
o-Xylene
Concen: 20.302 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

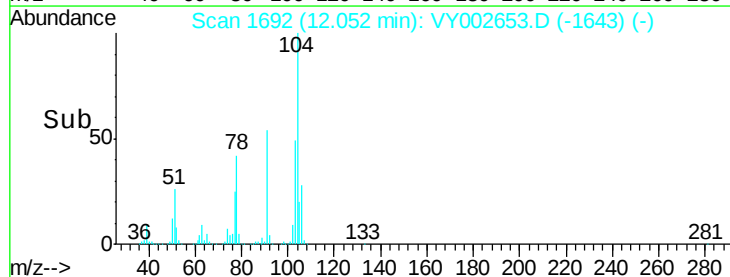
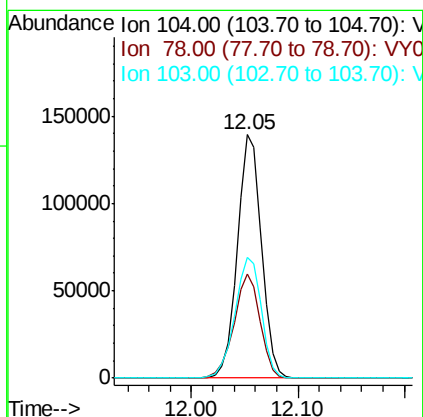
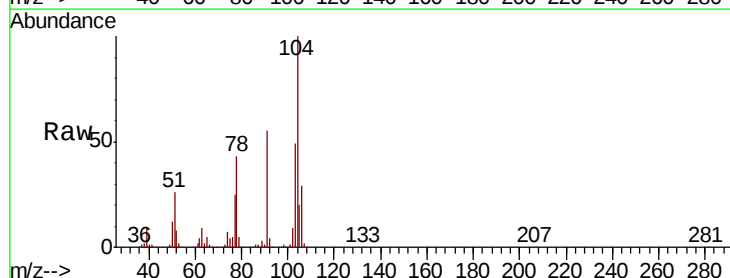
Instrument :
MSVOA_Y
ClientSampleId :

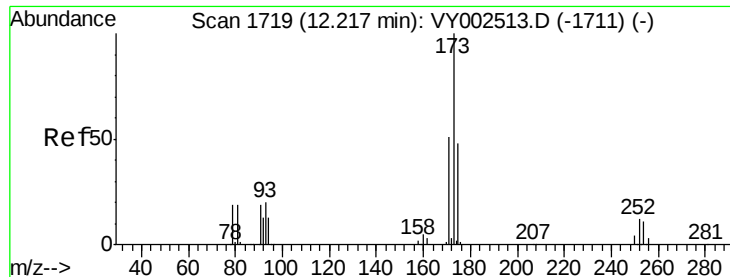
Tot Ion:106 Resp: 129691
Ion Ratio Lower Upper
106 100
91 206.6 103.8 311.3



#70
Styrene
Concen: 20.274 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion:104 Resp: 221405
Ion Ratio Lower Upper
104 100
78 46.0 37.4 56.0
103 54.5 43.9 65.9





#71

Bromoform

Concen: 19.276 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

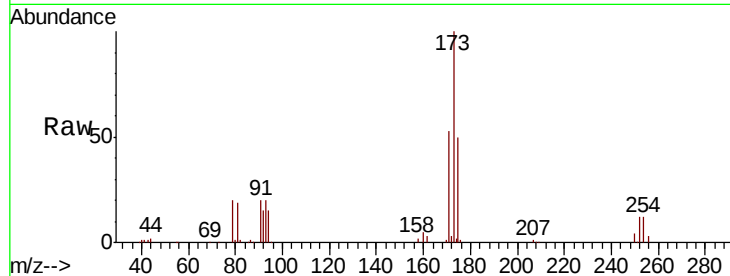
Tot Ion:173 Resp: 44581

Ion Ratio Lower Upper

173 100

175 49.6 24.3 72.8

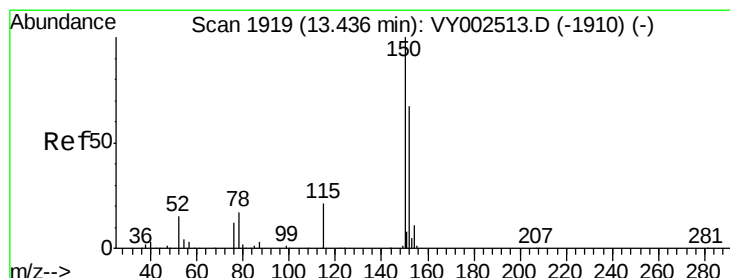
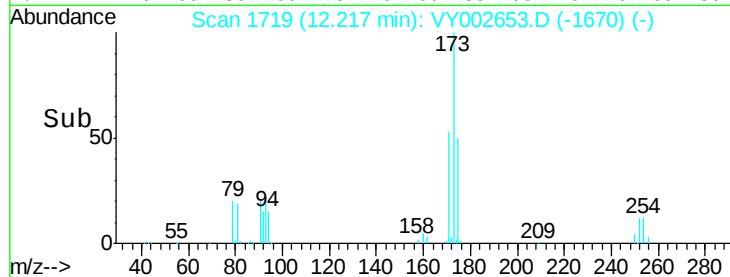
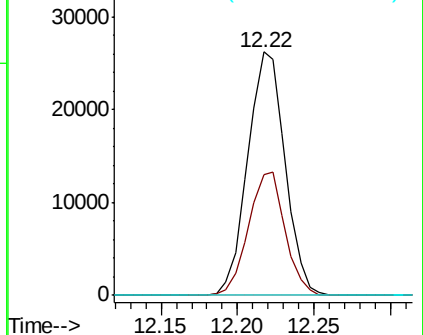
254 0.0 0.2 0.2#



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: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

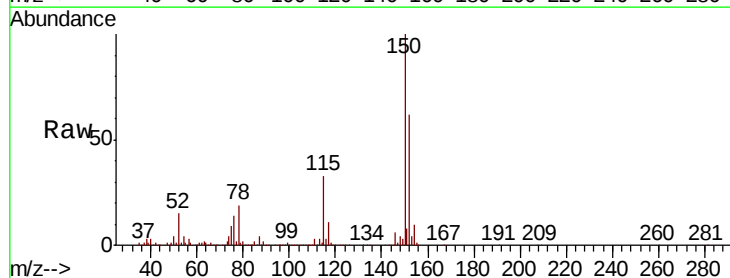
Tgt Ion:152 Resp: 268087

Ion Ratio Lower Upper

152 100

115 54.5 27.5 82.4

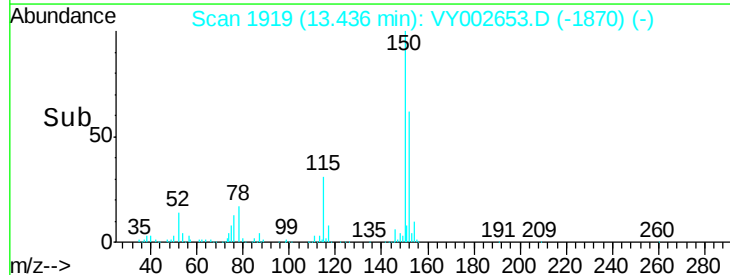
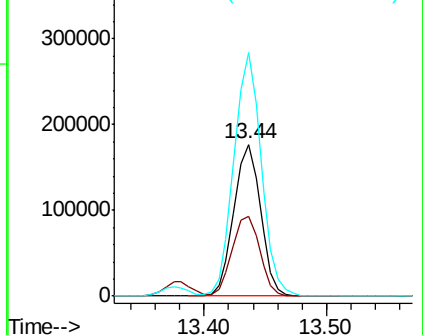
150 164.3 0.0 346.4

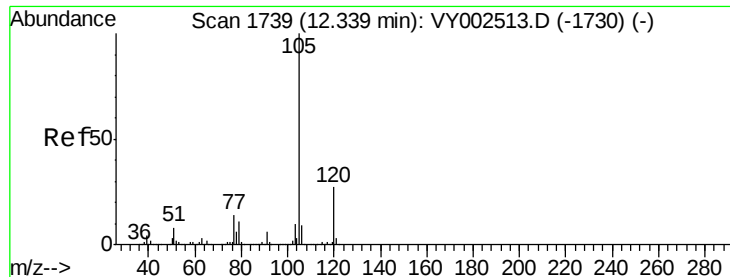


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.852 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

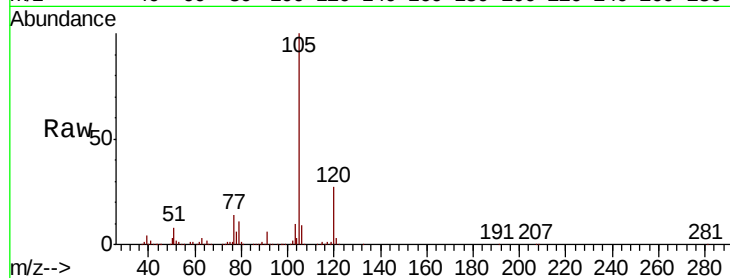
ClientSampleId :

Tot Ion:105 Resp: 362295

Ion Ratio Lower Upper

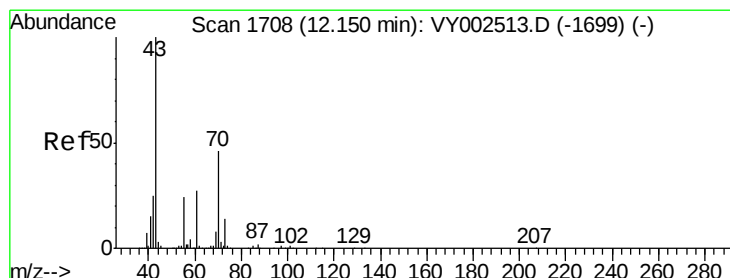
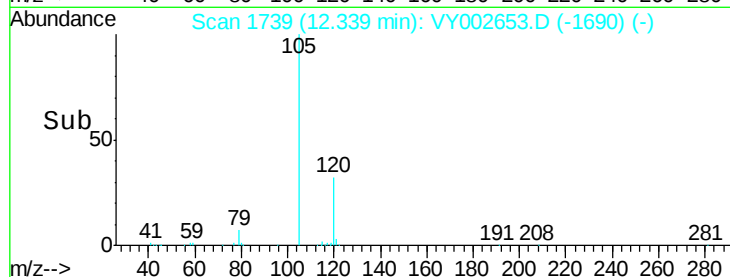
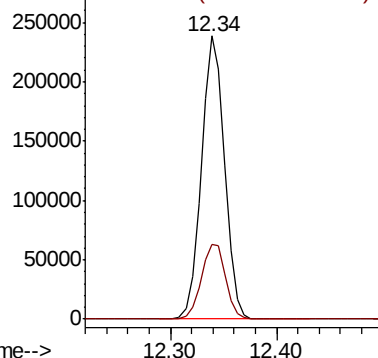
105 100

120 27.7 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.145 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Tgt Ion: 43 Resp: 80016

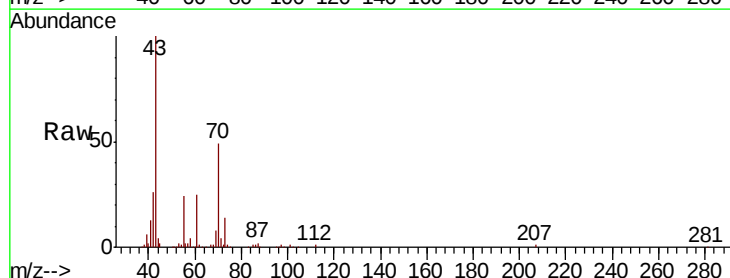
Ion Ratio Lower Upper

43 100

70 47.1 36.7 55.1

55 24.9 19.2 28.8

61 26.1 21.1 31.7

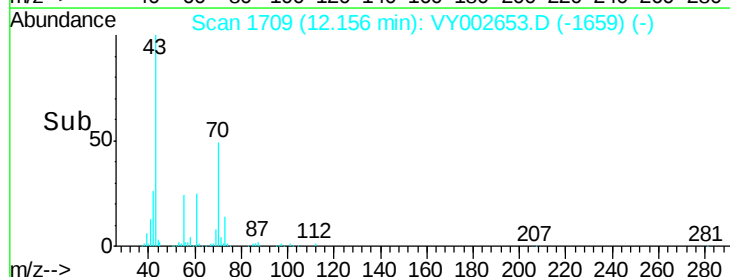
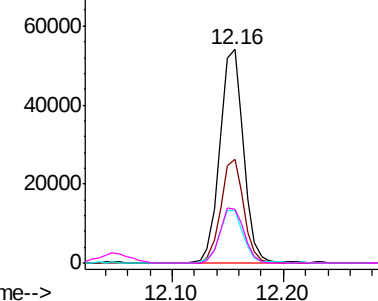


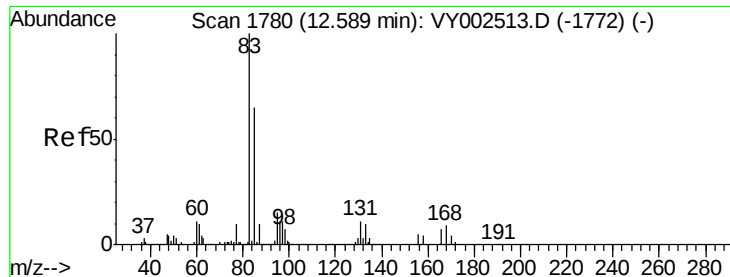
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 18.086 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

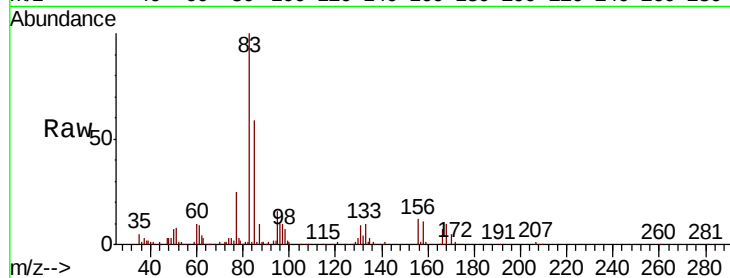
Tot Ion: 83 Resp: 49974

Ion Ratio Lower Upper

83 100

131 11.1 5.9 17.8

85 63.0 31.9 95.9

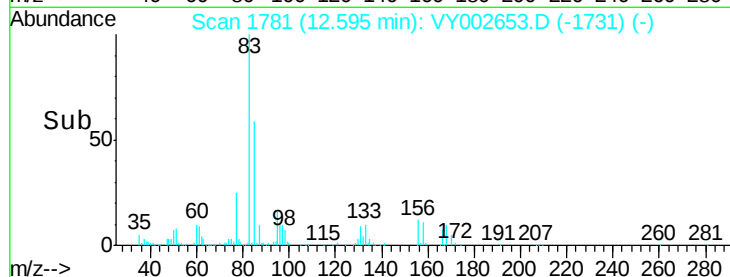


Abundance Ion 82.90 (82.60 to 83.60): VY002513.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002513.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002513.D (-1772) (-)

Time-->

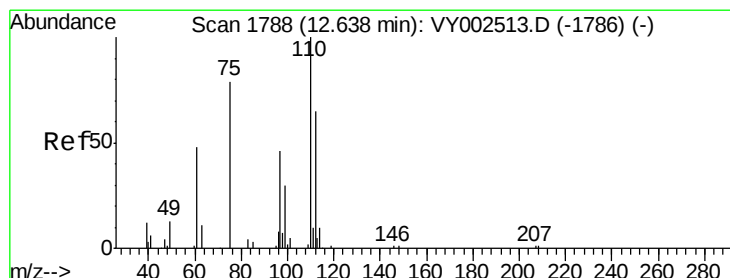


Abundance Ion 82.90 (82.60 to 83.60): VY002513.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002513.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002513.D (-1772) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 34.234 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002653.D

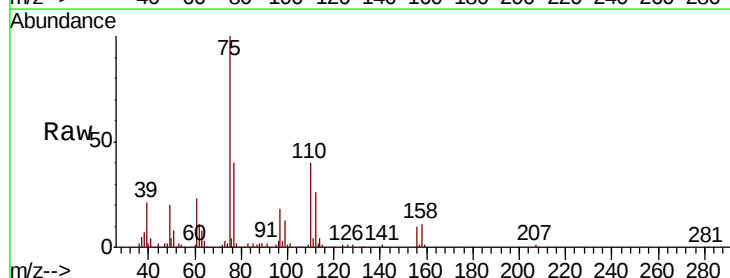
Acq: 11 May 2020 11:16

Tgt Ion: 75 Resp: 81559

Ion Ratio Lower Upper

75 100

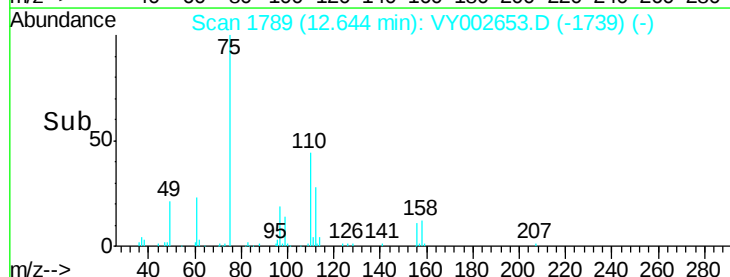
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002513.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002513.D (-1786) (-)

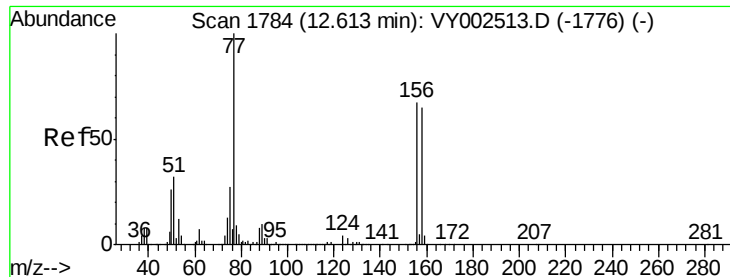
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VY002513.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002513.D (-1786) (-)

Time-->



#77

Bromobenzene

Concen: 19.962 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

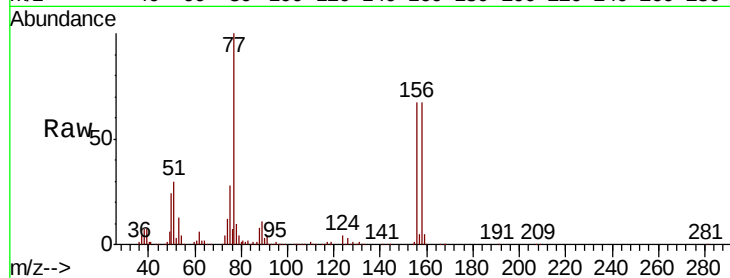
Tot Ion:156 Resp: 86652

Ion Ratio Lower Upper

156 100

77 167.1 82.0 245.8

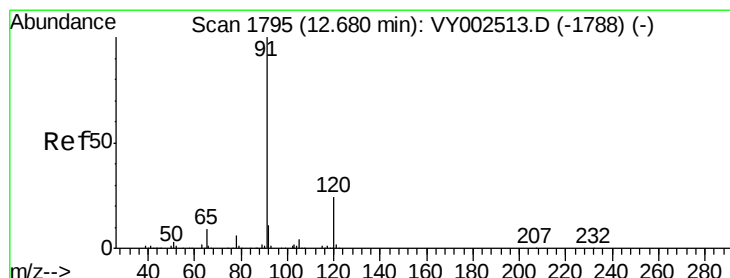
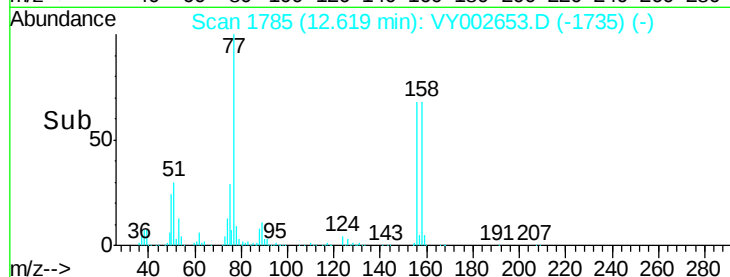
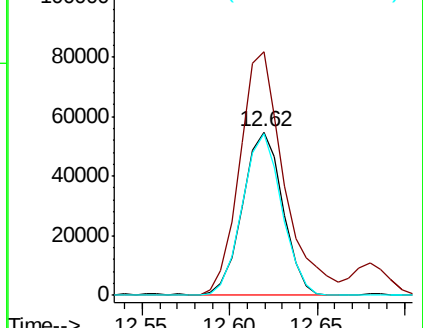
158 98.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.532 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002653.D

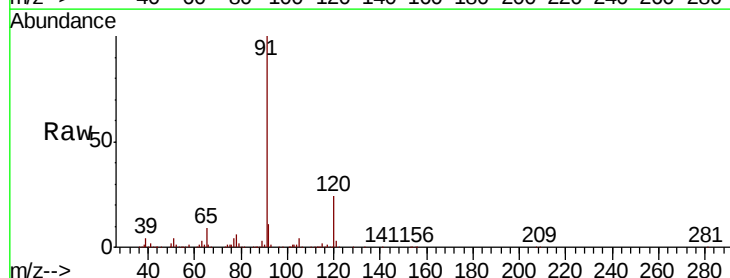
Acq: 11 May 2020 11:16

Tgt Ion: 91 Resp: 413985

Ion Ratio Lower Upper

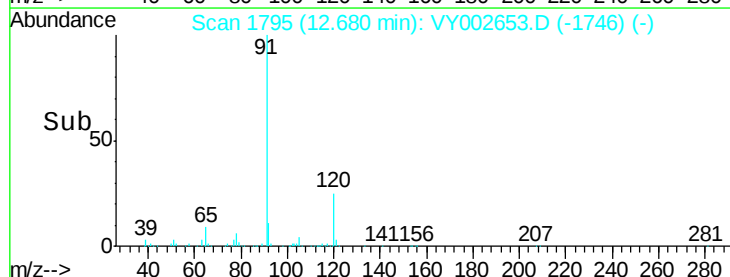
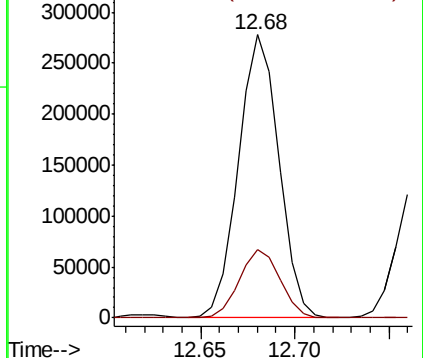
91 100

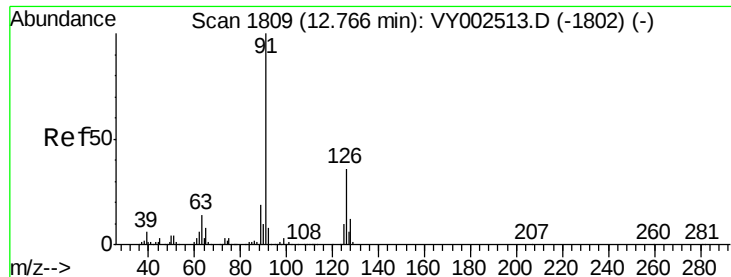
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.859 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

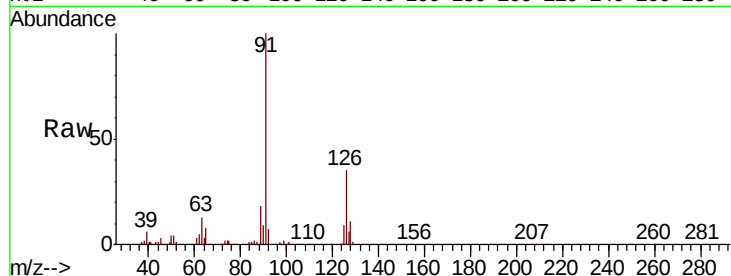
ClientSampled :

Tot Ion: 91 Resp: 232966

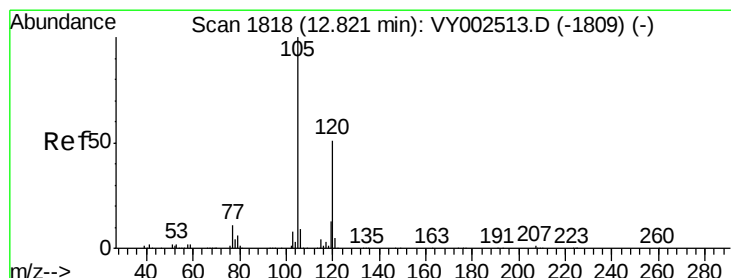
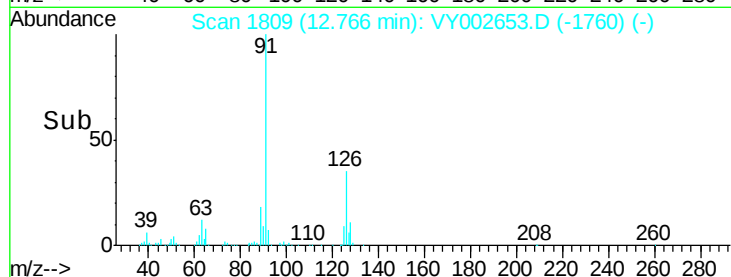
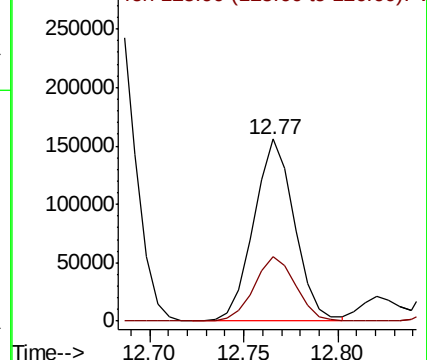
Ion Ratio Lower Upper

91 100

126 36.0 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY002653.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.724 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002653.D

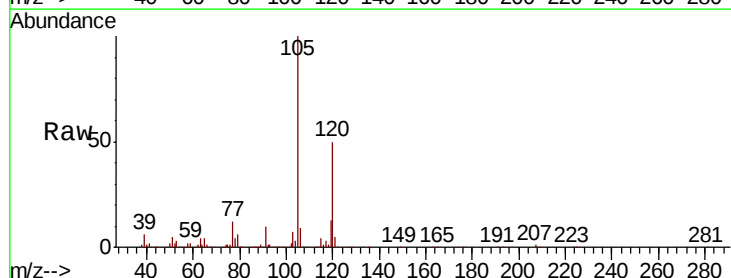
Acq: 11 May 2020 11:16

Tgt Ion: 105 Resp: 298473

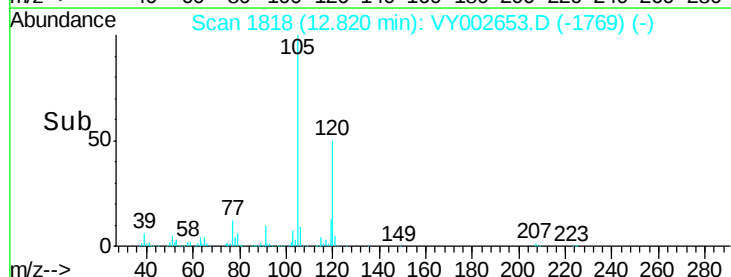
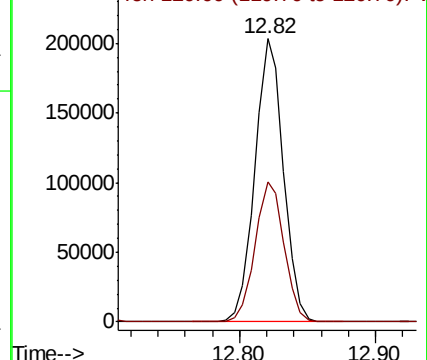
Ion Ratio Lower Upper

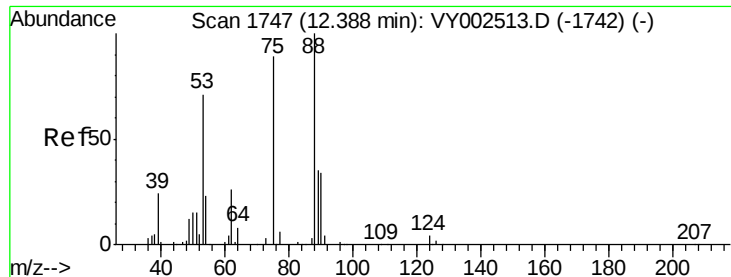
105 100

120 50.4 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002653.D (-1769) (-)

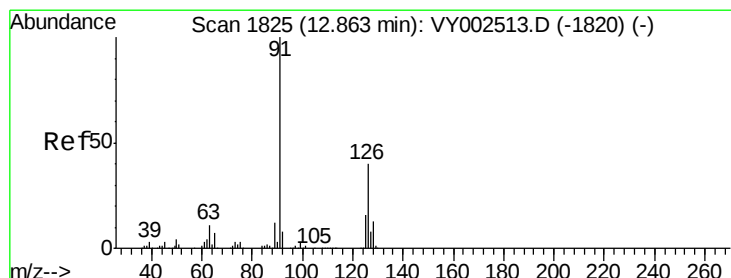
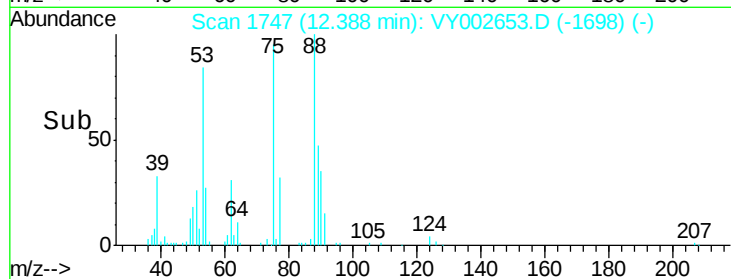
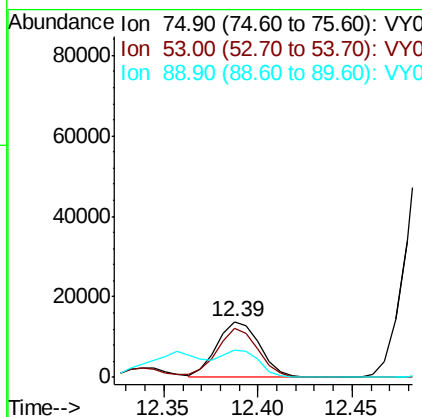
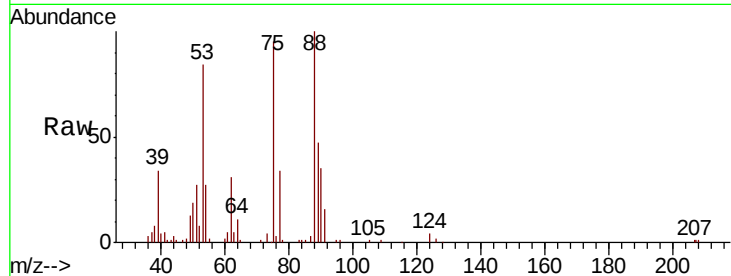




#81
trans-1,4-Dichloro-2-butene
Concen: 18.502 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

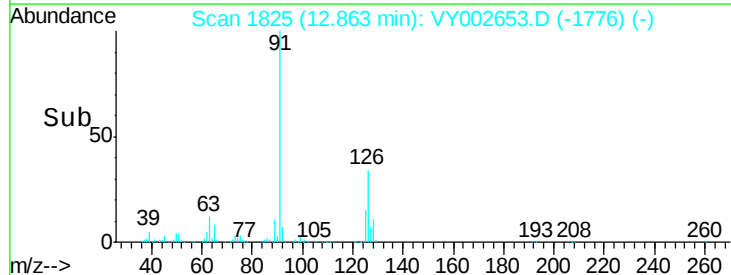
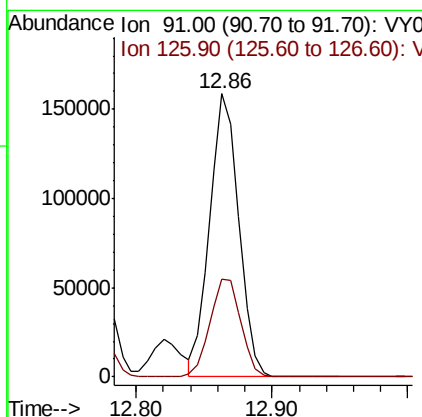
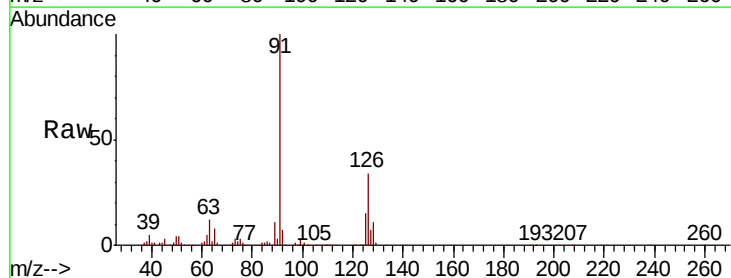
Instrument :
MSVOA_Y
ClientSampleId :

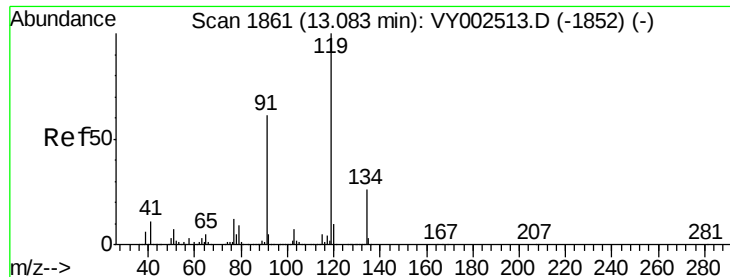
Tot Ion: 75 Resp: 21982
Ion Ratio Lower Upper
75 100
53 83.6 67.4 101.0
89 42.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.025 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion: 91 Resp: 234932
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5





#83

tert-Butylbenzene

Concen: 21.356 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampled :

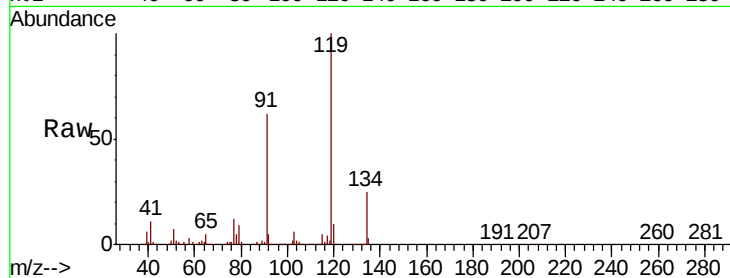
Tot Ion:119 Resp: 269692

Ion Ratio Lower Upper

119 100

91 60.3 30.6 91.6

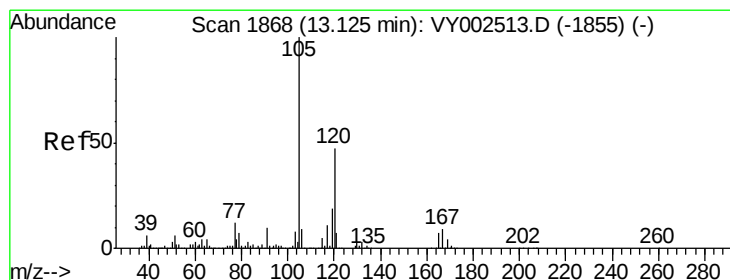
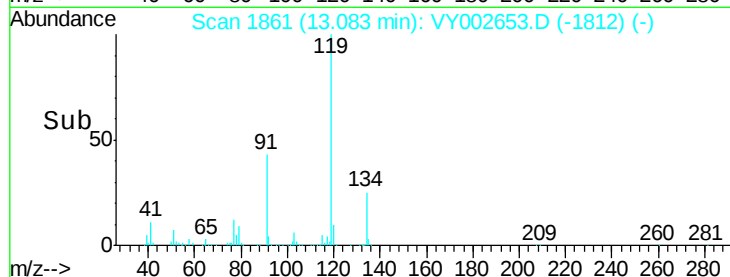
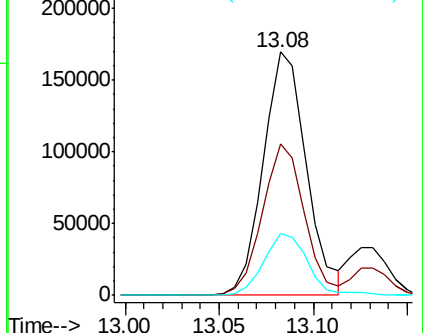
134 26.0 13.5 40.4



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: 20.656 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002653.D

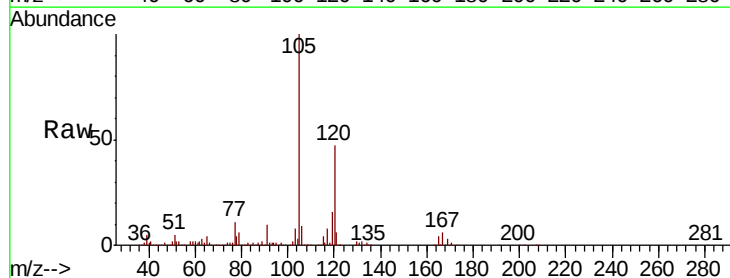
Acq: 11 May 2020 11:16

Tgt Ion:105 Resp: 296481

Ion Ratio Lower Upper

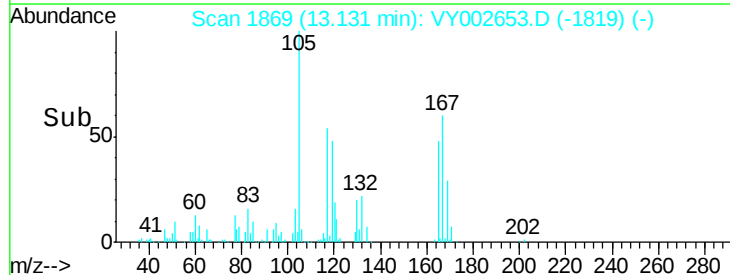
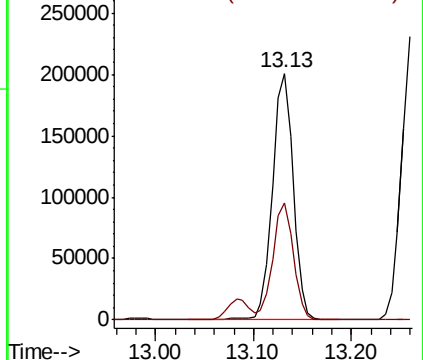
105 100

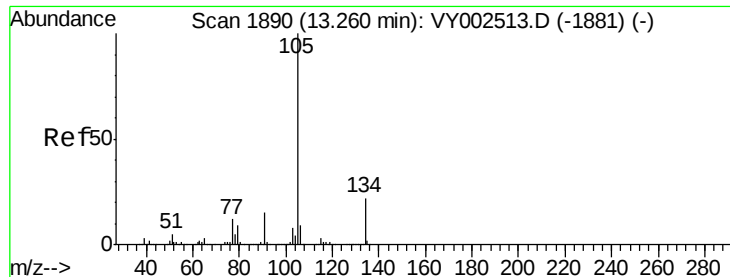
120 47.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

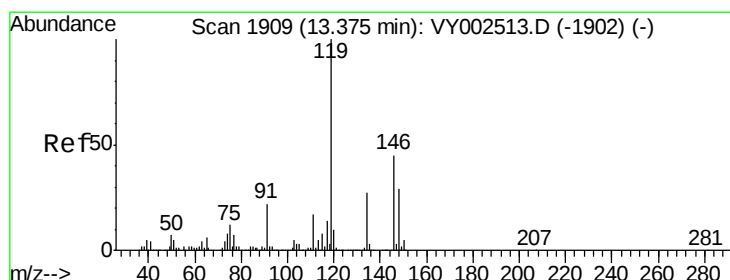
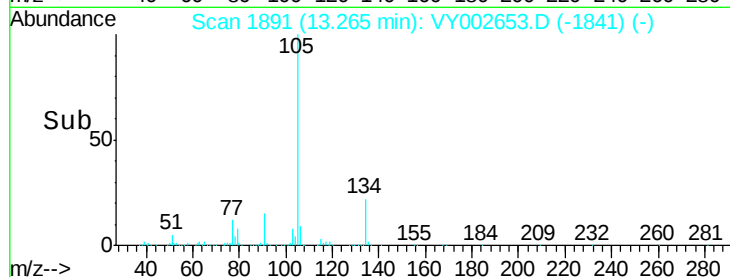
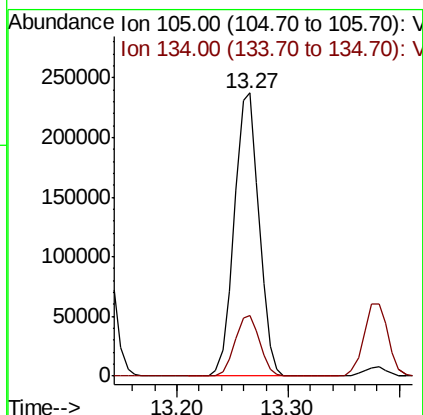
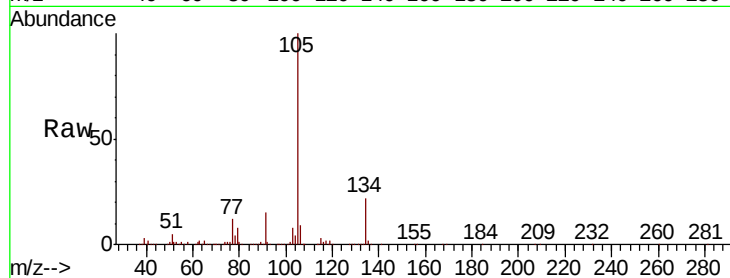




#85
 sec-Butylbenzene
 Concen: 20.744 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

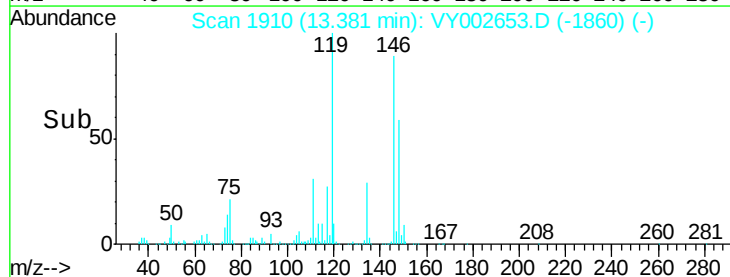
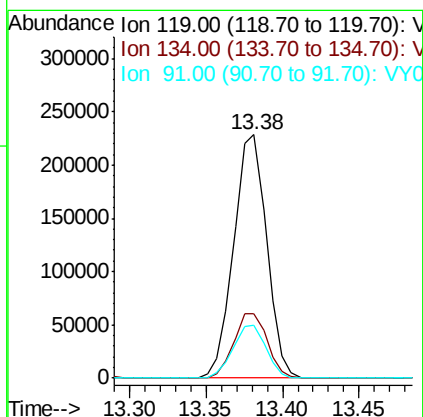
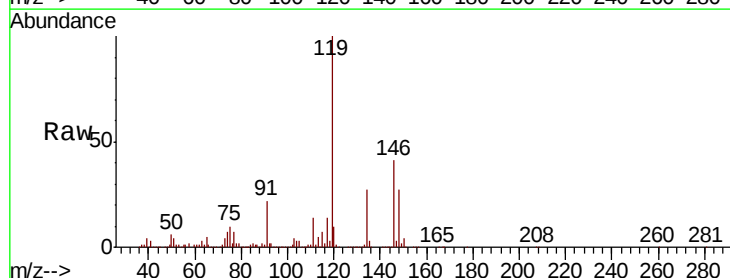
Instrument :
 MSVOA_Y
 ClientSampleId :

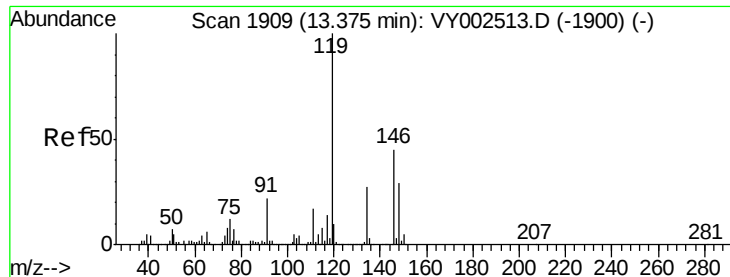
Tot Ion:105 Resp: 363501
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 20.789 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Tgt Ion:119 Resp: 341329
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.5
 91 21.7 10.9 32.9

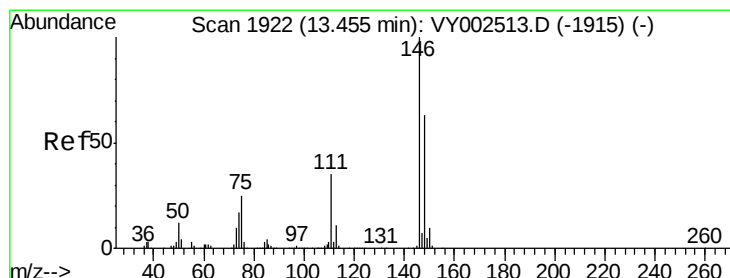
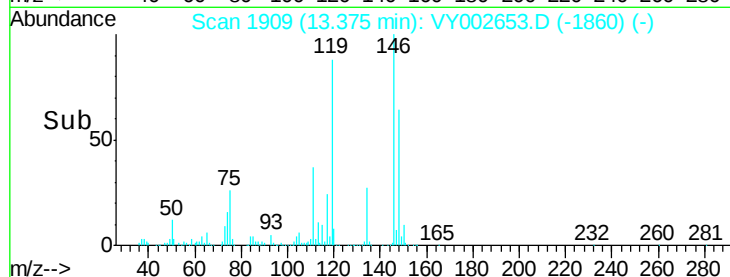
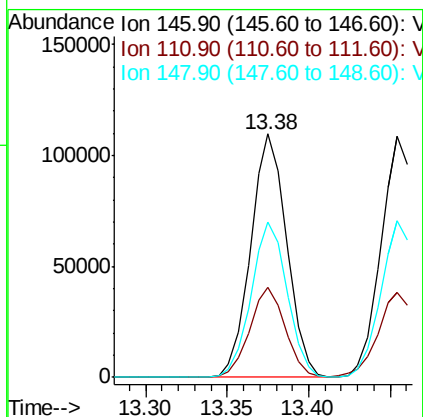
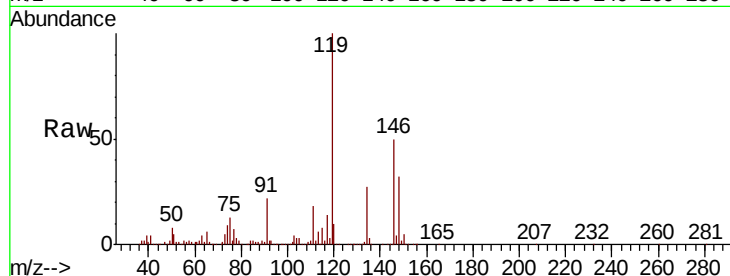




#87
 1,3-Dichlorobenzene
 Concen: 20.456 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

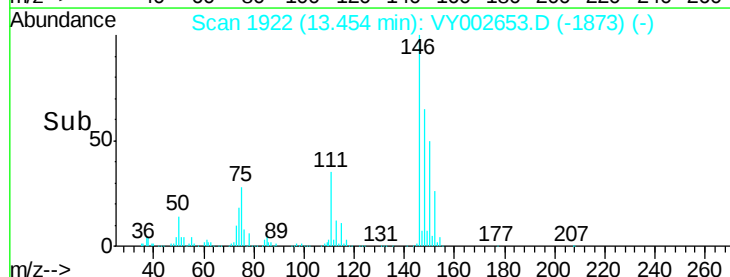
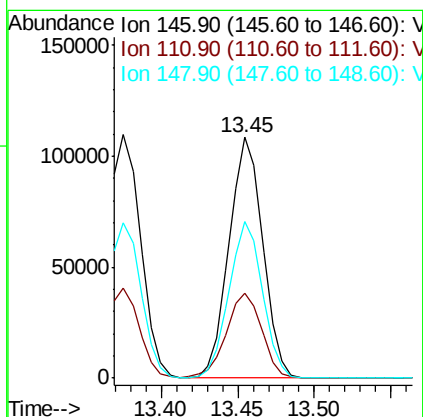
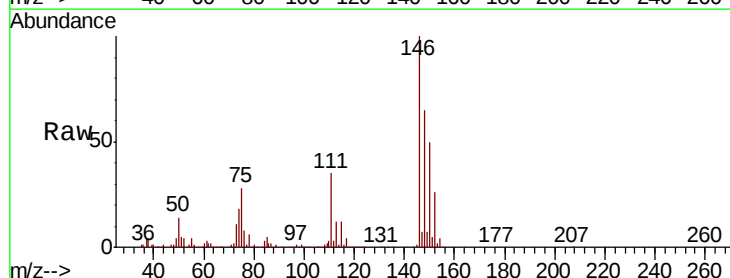
Instrument :
 MSVOA_Y
 ClientSampled :

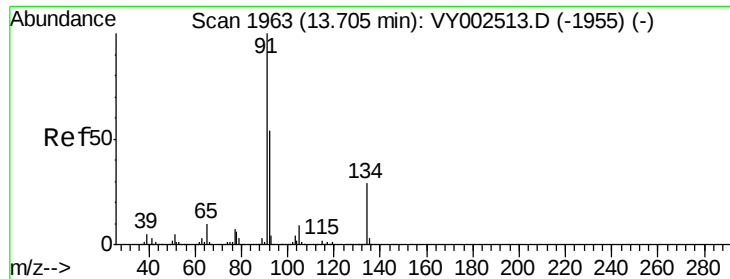
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.8	56.3
148	63.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.406 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.1
148	64.7	31.9	95.5





#89

n-Butylbenzene

Concen: 20.830 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

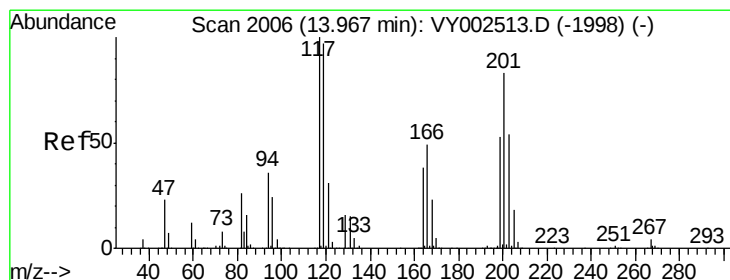
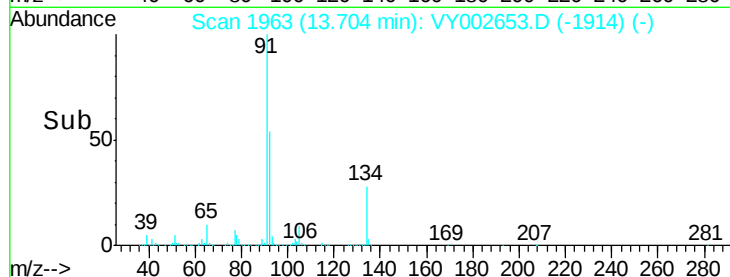
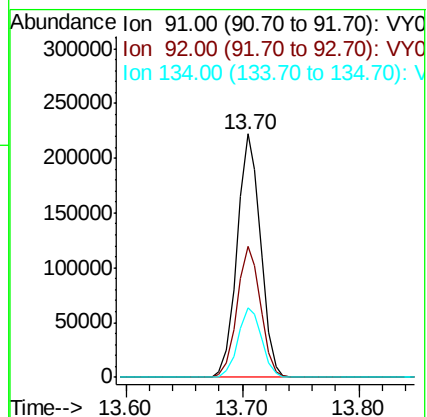
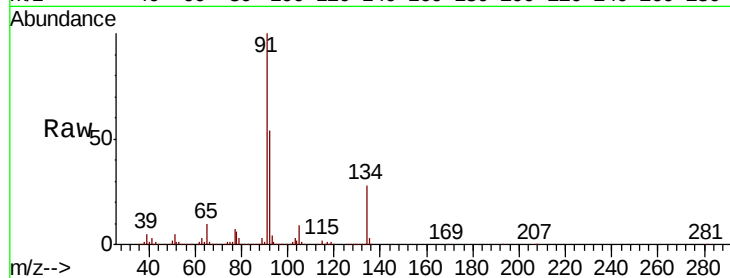
Tot Ion: 91 Resp: 311349

Ion Ratio Lower Upper

91 100

92 54.0 27.1 81.3

134 28.5 14.4 43.0



#90

Hexachloroethane

Concen: 21.142 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002653.D

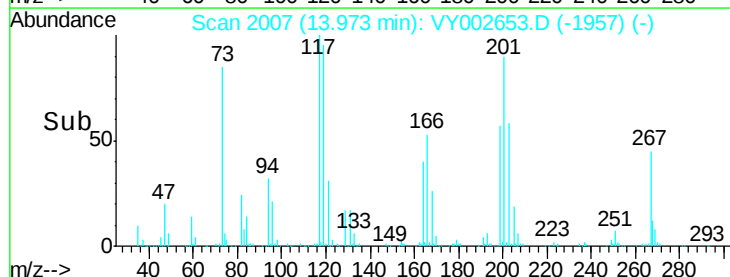
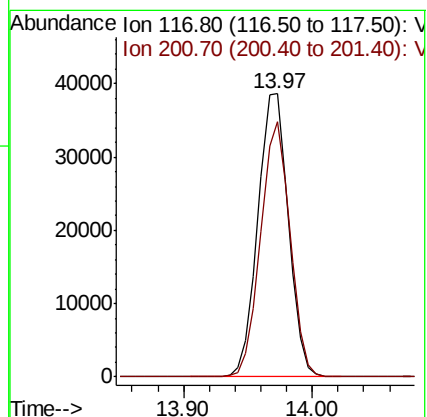
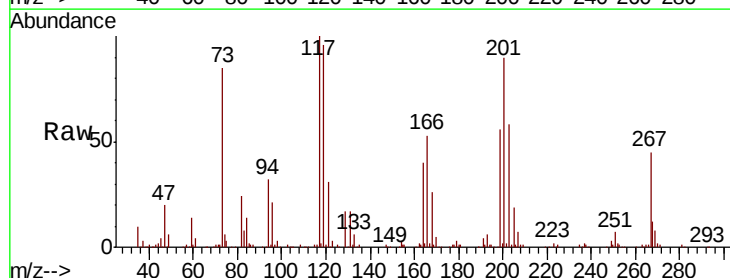
Acq: 11 May 2020 11:16

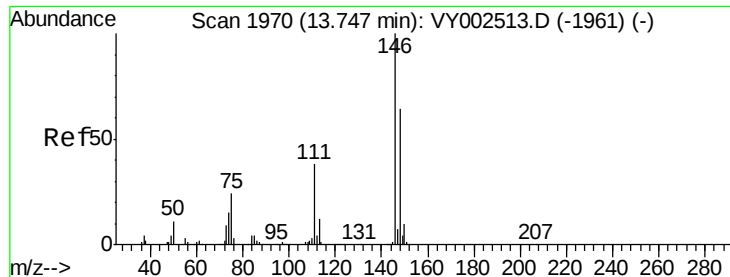
Tgt Ion: 117 Resp: 63217

Ion Ratio Lower Upper

117 100

201 87.1 44.4 133.2





#91

1,2-Dichlorobenzene

Concen: 20.123 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

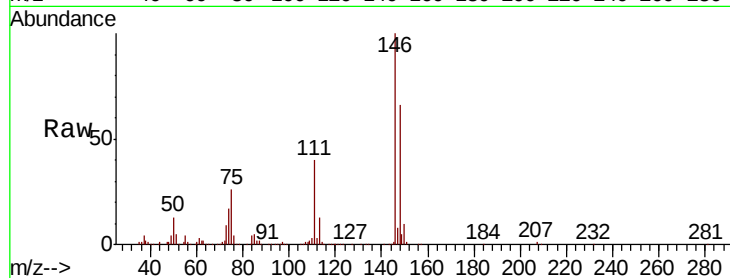
Tot Ion:146 Resp: 147523

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

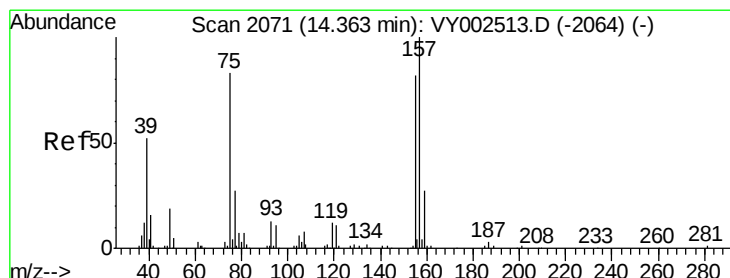
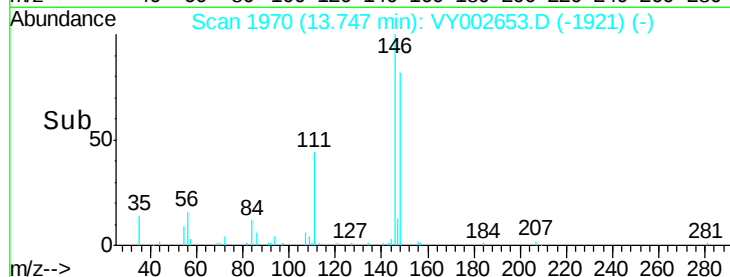
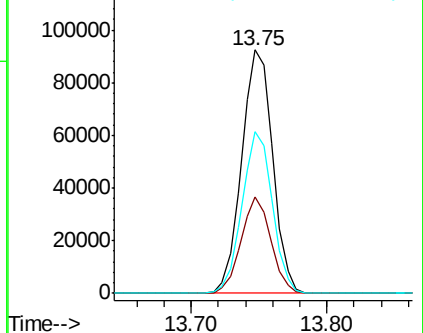
148 64.9 31.9 95.7



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: 17.795 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002653.D

Acq: 11 May 2020 11:16

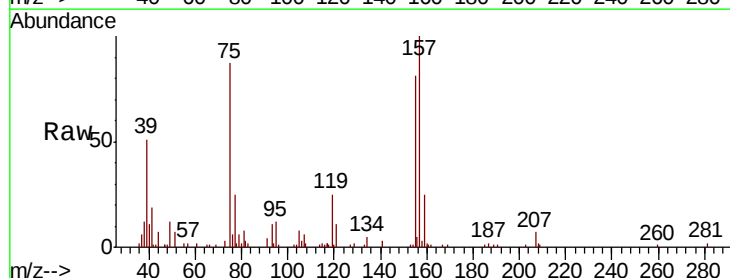
Tgt Ion: 75 Resp: 9166

Ion Ratio Lower Upper

75 100

155 108.0 51.3 153.9

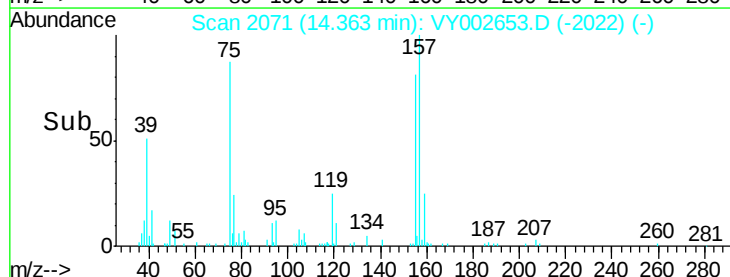
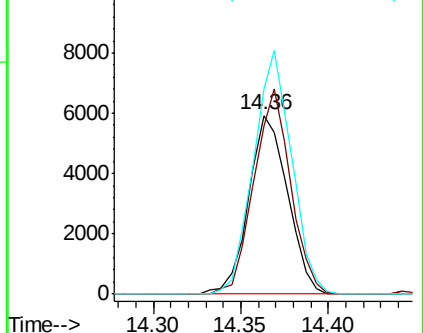
157 133.3 65.0 195.0

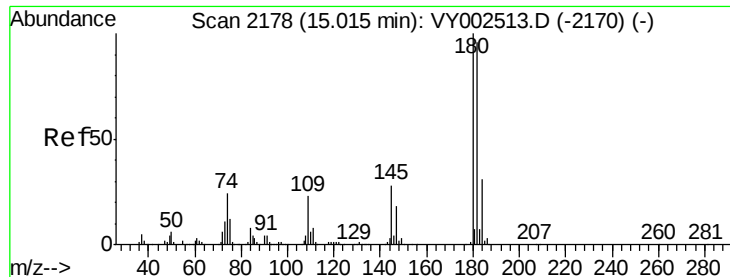


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

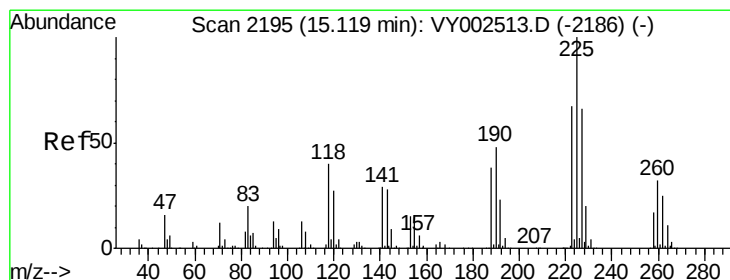
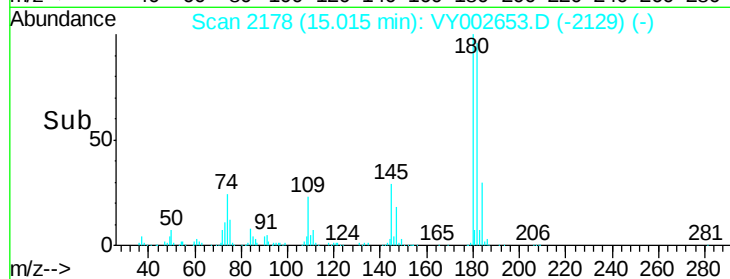
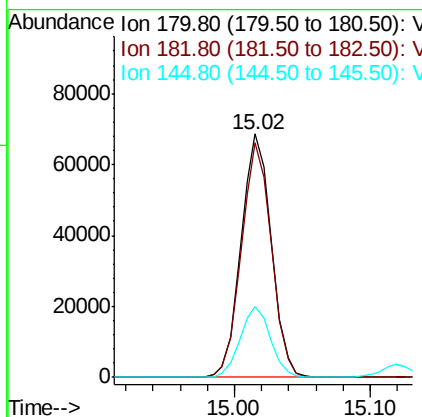
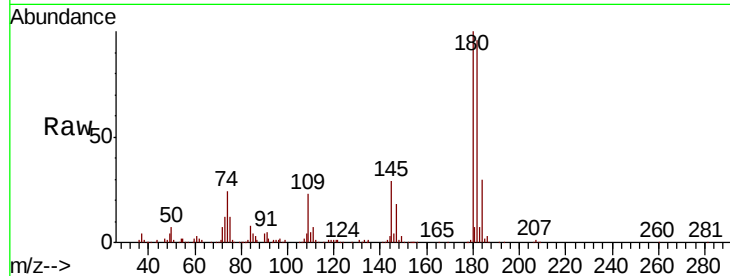




#93
 1,2,4-Trichlorobenzene
 Concen: 19.975 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

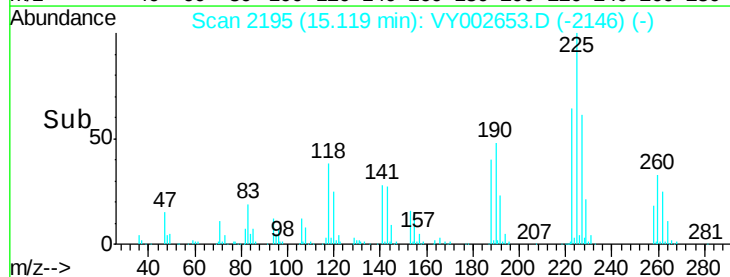
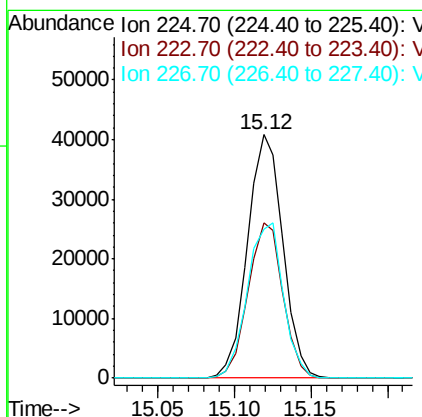
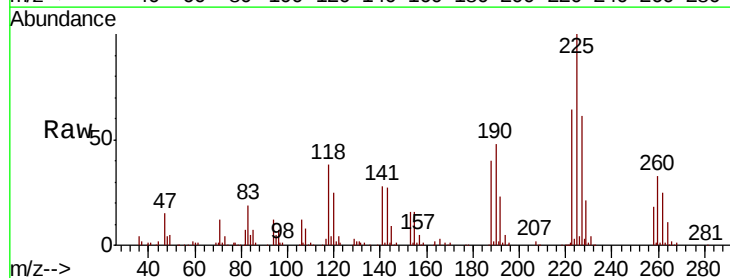
Instrument :
 MSVOA_Y
 ClientSampleId :

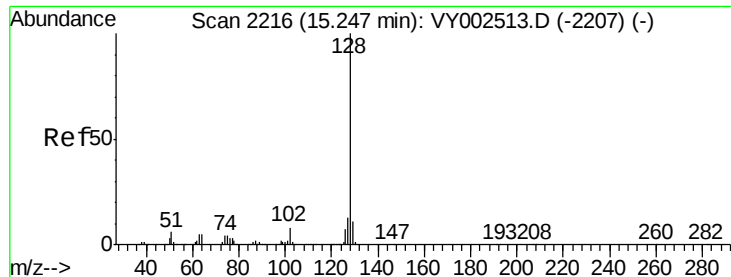
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.6
145	29.4	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 20.509 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002653.D
 Acq: 11 May 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.1	96.5
227	64.8	32.0	96.2

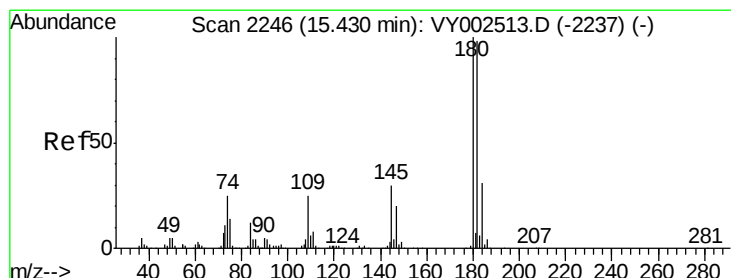
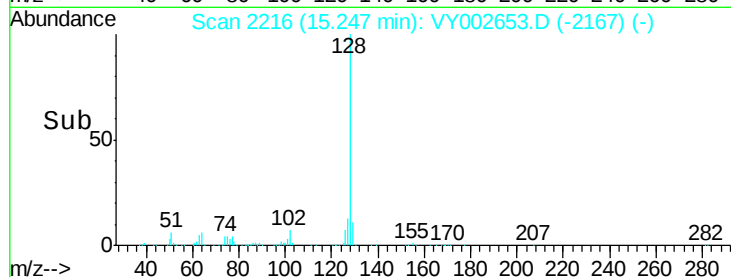
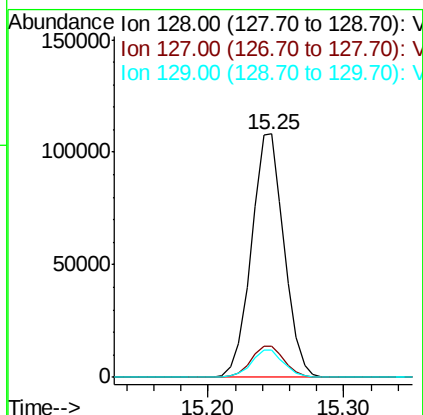
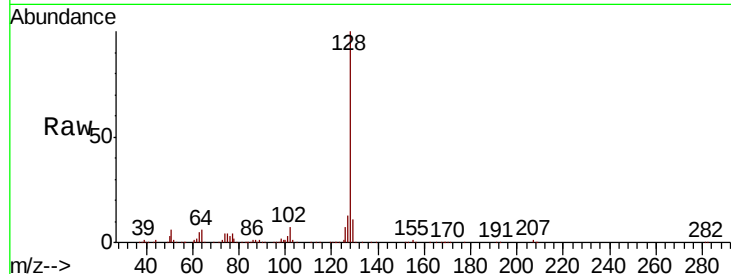




#95
Naphthalene
Concen: 18.708 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.408 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002653.D
Acq: 11 May 2020 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.8
145	30.5	15.0	45.1

