

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002530.D
 Acq On : 04 May 2020 11:13
 Operator : SY/MD
 Sample : VY0504SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 14:37:15 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	7.80	168	380637	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	565493	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	507517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	267433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	159310	49.78	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.72	113	163300	50.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.18	98	627297	49.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.49	95	213612	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	49147	16.853	ug/l	100
3) Chloromethane	2.12	50	58294	18.903	ug/l	98
4) Vinyl Chloride	2.25	62	64947	18.239	ug/l	95
5) Bromomethane	2.63	94	43207	17.595	ug/l	99
6) Chloroethane	2.79	64	37917	17.833	ug/l	97
7) Trichlorofluoromethane	3.12	101	102808	18.628	ug/l	99
8) Diethyl Ether	3.54	74	35795	19.301	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	64140	19.016	ug/l	100
10) Methyl Iodide	4.10	142	78130	17.002	ug/l	100
11) Tert butyl alcohol	4.96	59	34817	105.739	ug/l	98
12) 1,1-Dichloroethene	3.88	96	60465	18.453	ug/l	97
13) Acrolein	3.74	56	19900	87.398	ug/l	96
14) Allyl chloride	4.49	41	91406	19.146	ug/l	99
15) Acrylonitrile	5.17	53	89312	102.117	ug/l	99
16) Acetone	3.95	43	71630	108.447	ug/l	95
17) Carbon Disulfide	4.19	76	172757	17.525	ug/l	99
18) Methyl Acetate	4.48	43	44214	20.034	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	167557	19.600	ug/l	97
20) Methylene Chloride	4.72	84	77346	20.940	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	67136	18.746	ug/l	96
22) Diisopropyl ether	6.12	45	192422	19.919	ug/l	97
23) Vinyl Acetate	6.07	43	603488	99.337	ug/l	100
24) 1,1-Dichloroethane	6.02	63	109649	19.187	ug/l	99
25) 2-Butanone	7.00	43	110304	102.019	ug/l	100
26) 2,2-Dichloropropane	6.99	77	104861	19.304	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	76201	19.229	ug/l	98
28) Bromochloromethane	7.34	49	45792	19.557	ug/l	100
29) Tetrahydrofuran	7.35	42	73359	102.550	ug/l	99
30) Chloroform	7.51	83	114780	19.316	ug/l	97
31) Cyclohexane	7.79	56	104590	18.182	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	105823	19.160	ug/l	99
36) 1,1-Dichloropropene	7.92	75	88243	18.614	ug/l	99
37) Ethyl Acetate	7.08	43	50212	20.612	ug/l	100
38) Carbon Tetrachloride	7.90	117	97984	18.932	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	114293	18.254	ug/l	100
40) Benzene	8.16	78	260063	18.994	ug/l	100
41) Methacrylonitrile	7.35	41	68031	51.940	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	74286	19.343	ug/l	100
43) Isopropyl Acetate	8.28	43	92001	20.145	ug/l	98
44) Trichloroethene	8.94	130	82615	19.308	ug/l	97
45) 1,2-Dichloropropane	9.22	63	63598	19.246	ug/l	97
46) Dibromomethane	9.31	93	37980	19.976	ug/l	98
47) Bromodichloromethane	9.50	83	88730	19.193	ug/l	98
48) Methyl methacrylate	9.30	41	40674	19.679	ug/l	97
49) 1,4-Dioxane	9.30	88	11190	444.521	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	244695	103.950	ug/l	100
52) Toluene	10.24	92	167895	19.080	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	95642	19.746	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	109836	19.615	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	54339	19.599	ug/l	97
56) Ethyl methacrylate	10.51	69	74274	20.137	ug/l	98
57) 1,3-Dichloropropane	10.79	76	93178	19.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	204258	105.013	ug/l	100
59) 2-Hexanone	10.83	43	169990	104.921	ug/l	99
60) Dibromochloromethane	10.99	129	70337	19.946	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53371	19.441	ug/l	99
64) Tetrachloroethene	10.72	164	90522	20.075	ug/l	99
65) Chlorobenzene	11.52	112	185622	19.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	70995	19.824	ug/l	99
67) Ethyl Benzene	11.60	91	328463	19.382	ug/l	99
68) m/p-Xylenes	11.71	106	253583	38.672	ug/l	100
69) o-Xylene	12.03	106	119484	19.461	ug/l	99
70) Styrene	12.05	104	206811	19.704	ug/l	99
71) Bromoform	12.21	173	46802	21.055	ug/l #	100
73) Isopropylbenzene	12.33	105	330222	19.052	ug/l	100
74) N-amyl acetate	12.14	43	85143	20.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53337	19.350	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	83487	35.129	ug/l #	100
77) Bromobenzene	12.61	156	83242	19.223	ug/l	99
78) n-propylbenzene	12.67	91	385104	19.146	ug/l	100
79) 2-Chlorotoluene	12.76	91	211160	18.952	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	276546	19.249	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23988	20.239	ug/l	95
82) 4-Chlorotoluene	12.86	91	223179	19.070	ug/l	99
83) tert-Butylbenzene	13.08	119	240228	19.070	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	278397	19.443	ug/l	98
85) sec-Butylbenzene	13.25	105	337030	19.280	ug/l	100
86) p-Isopropyltoluene	13.37	119	315581	19.267	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	159154	19.419	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	157807	19.445	ug/l	99
89) n-Butylbenzene	13.70	91	289610	19.423	ug/l	99
90) Hexachloroethane	13.97	117	56996	19.108	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	144494	19.758	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10316	20.077	ug/l	100

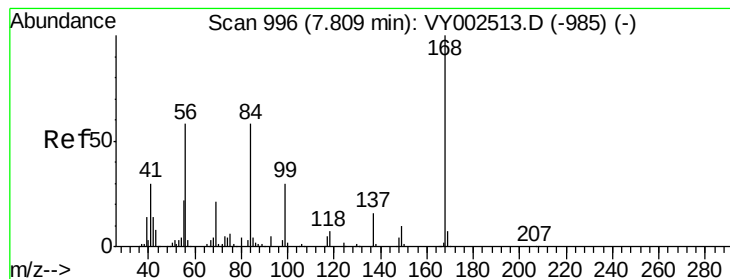
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	105438	19.859	ug/l	99
94) Hexachlorobutadiene	15.12	225	63676	19.980	ug/l	99
95) Naphthalene	15.24	128	195765	20.212	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	91223	20.239	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

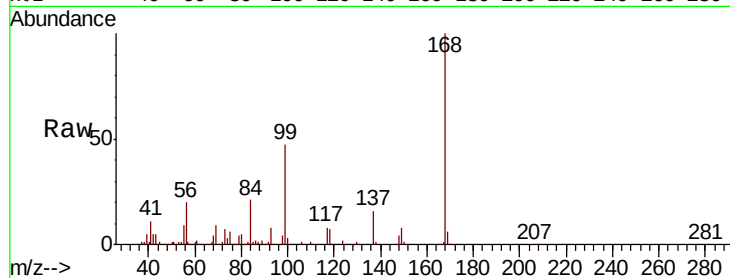
ClientSampleId :

Tot Ion:168 Resp: 380637

Ion Ratio Lower Upper

168 100

99 47.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

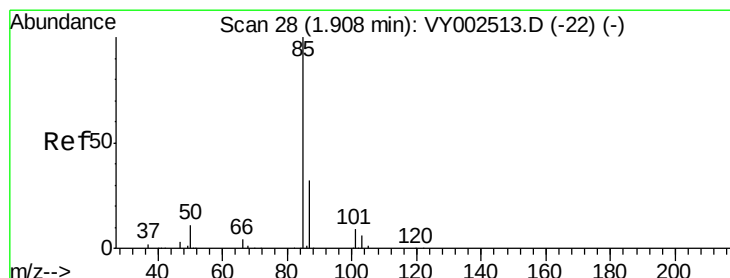
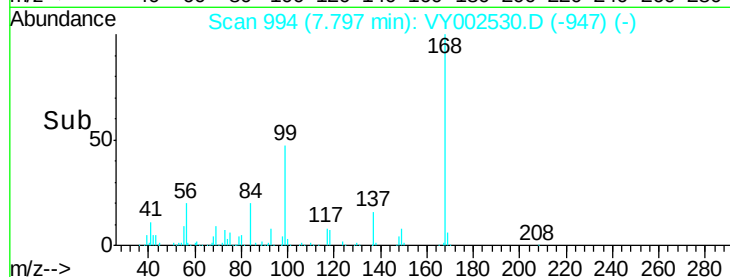
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.853 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002530.D

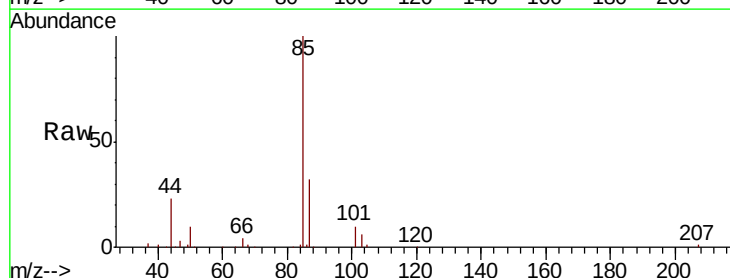
Acq: 04 May 2020 11:13

Tgt Ion: 85 Resp: 49147

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.90

40000

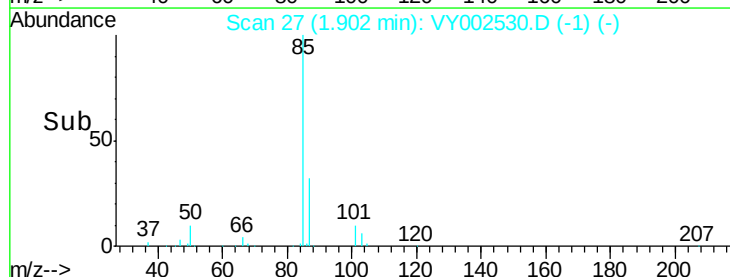
30000

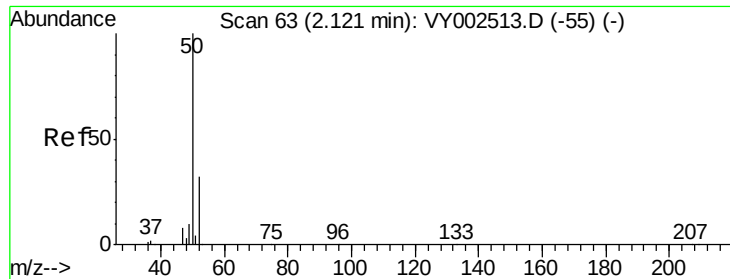
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.903 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

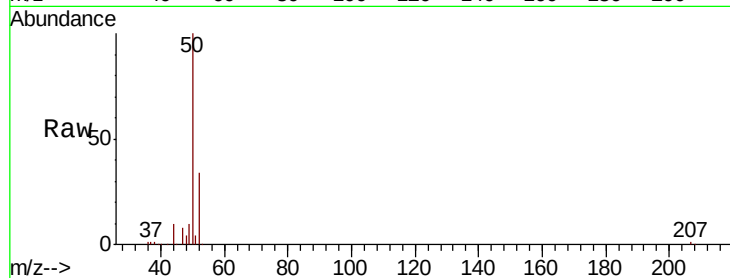
ClientSampleId :

Tot Ion: 50 Resp: 58294

Ion Ratio Lower Upper

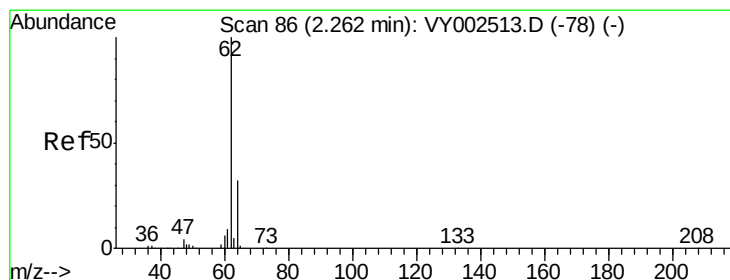
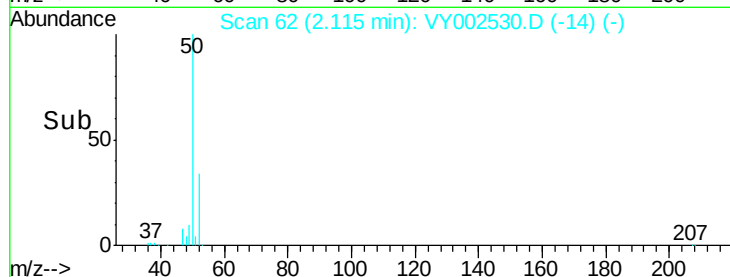
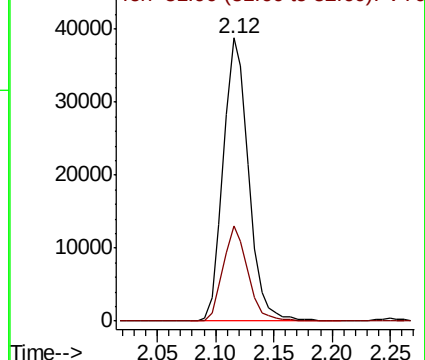
50 100

52 33.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.239 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY002530.D

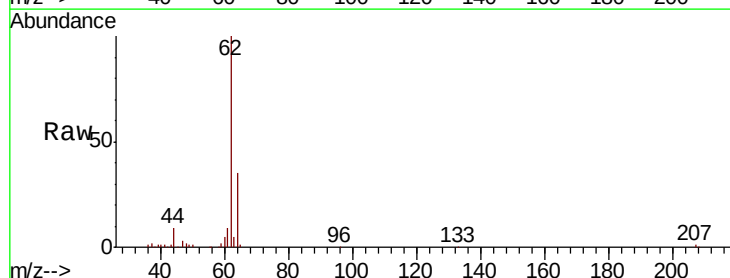
Acq: 04 May 2020 11:13

Tgt Ion: 62 Resp: 64947

Ion Ratio Lower Upper

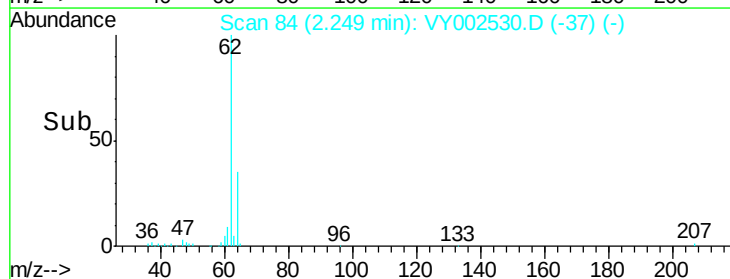
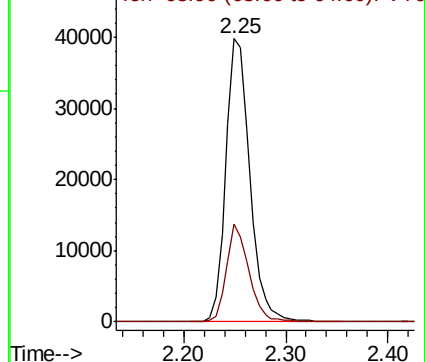
62 100

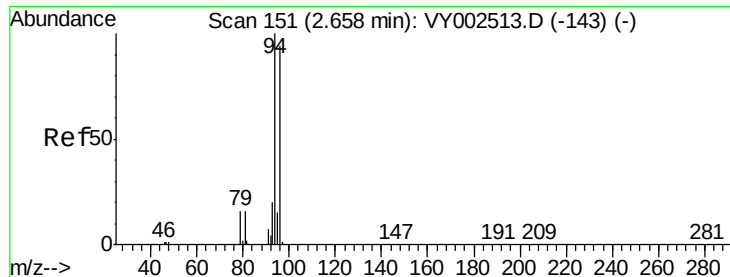
64 34.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 17.595 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

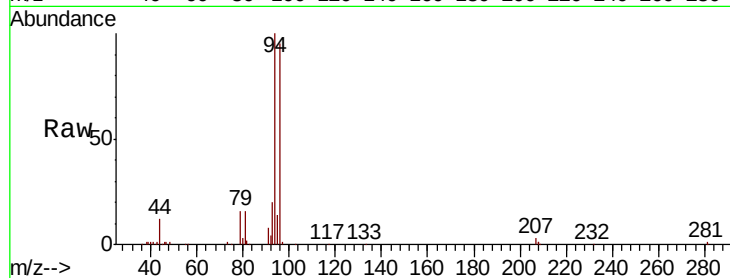
ClientSampleId :

Tot Ion: 94 Resp: 43207

Ion Ratio Lower Upper

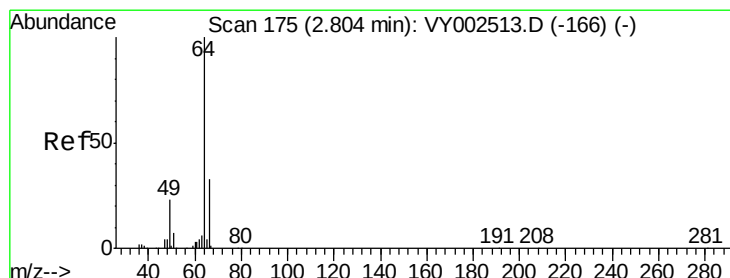
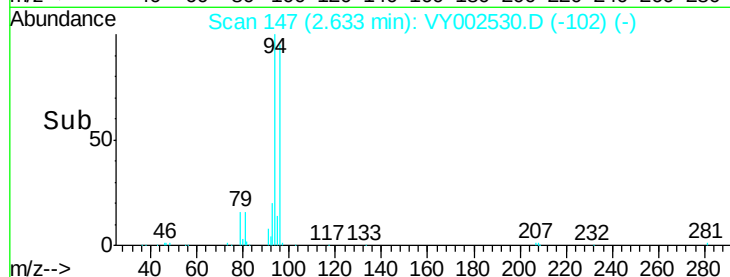
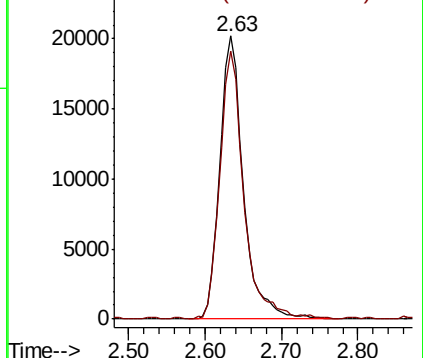
94 100

96 94.9 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: 17.833 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.02 min

Lab File: VY002530.D

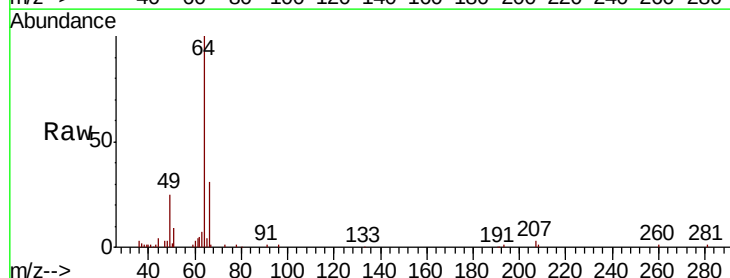
Acq: 04 May 2020 11:13

Tgt Ion: 64 Resp: 37917

Ion Ratio Lower Upper

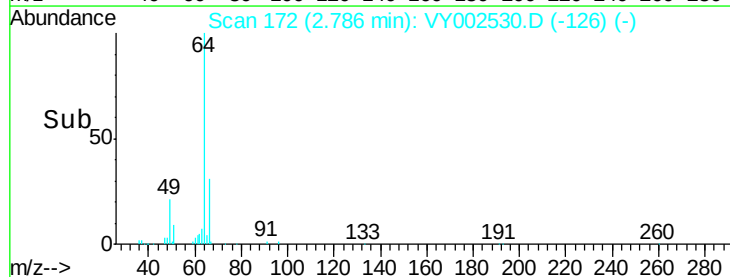
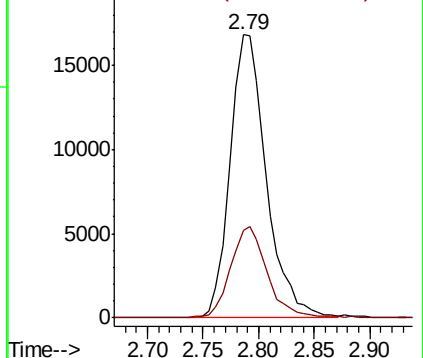
64 100

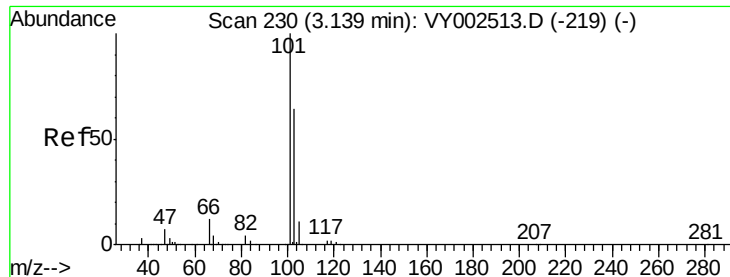
66 31.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



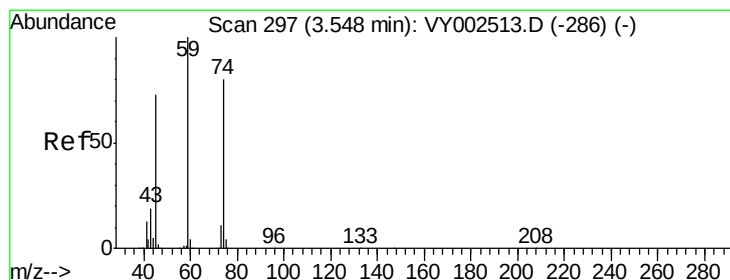
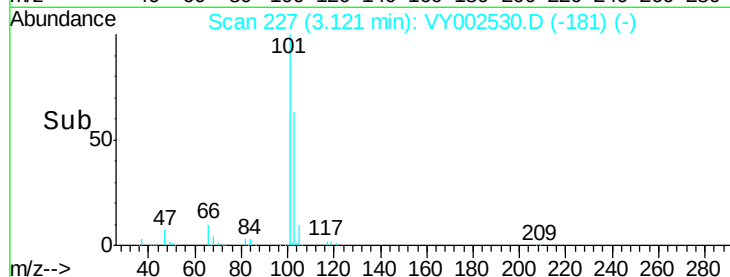
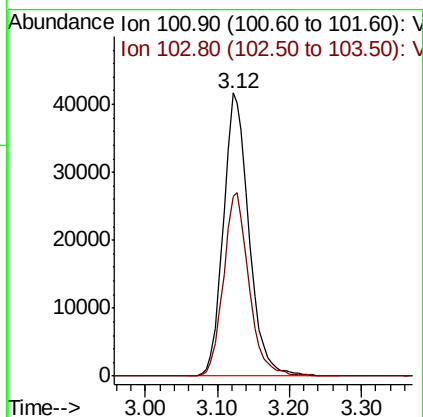
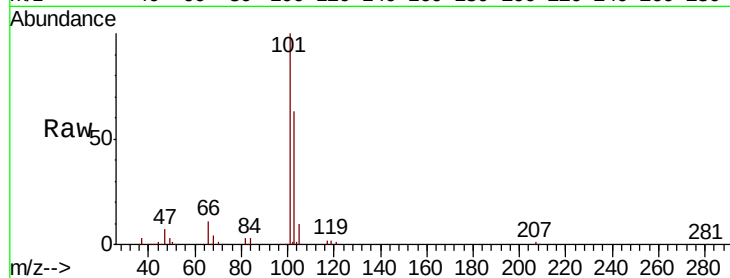


#7

Trichlorofluoromethane
 Concen: 18.628 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.02 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :

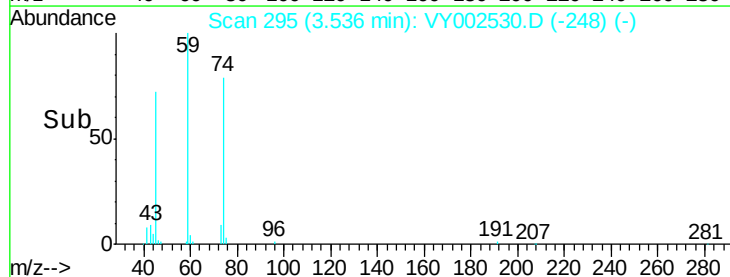
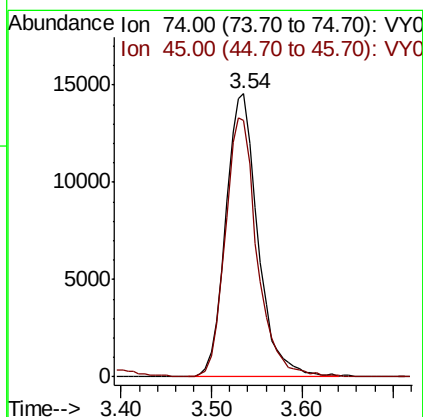
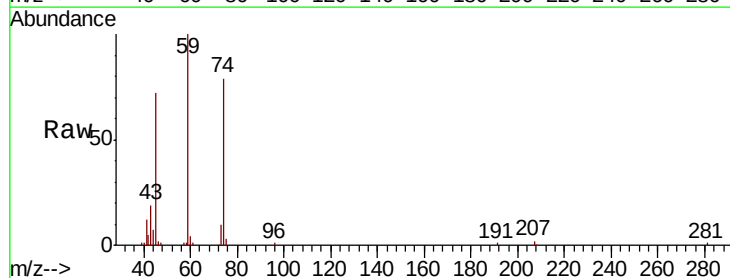
Tot Ion:101 Resp: 102808
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.0

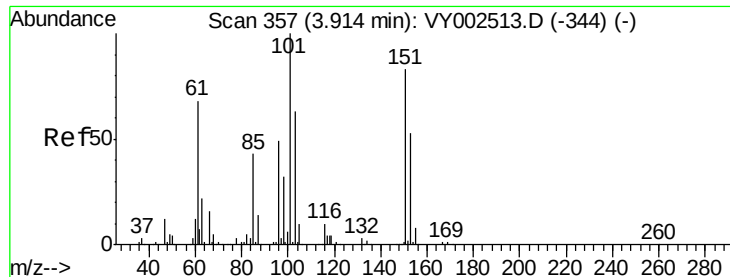


#8

Diethyl Ether
 Concen: 19.301 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion: 74 Resp: 35795
 Ion Ratio Lower Upper
 74 100
 45 90.9 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.016 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampled :

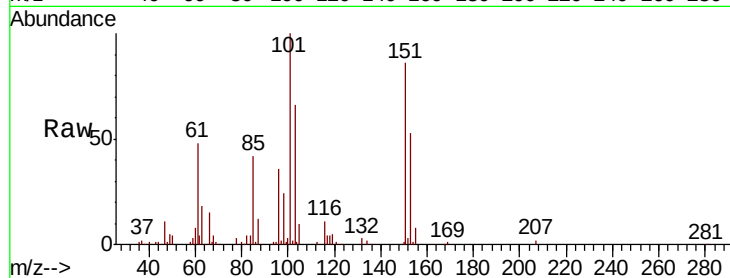
Tot Ion:101 Resp: 64140

Ion Ratio Lower Upper

101 100

85 41.7 33.4 50.2

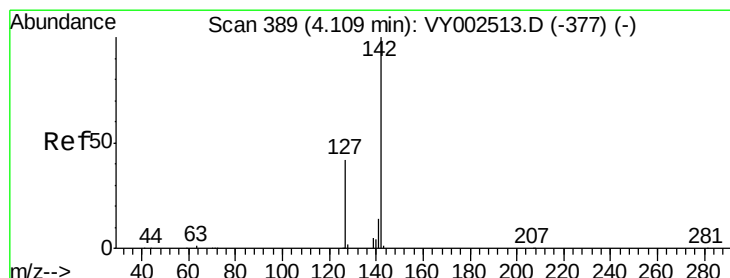
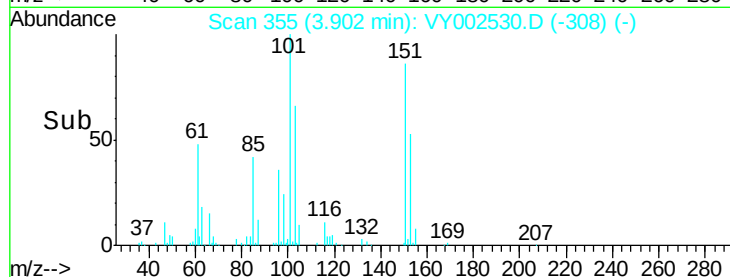
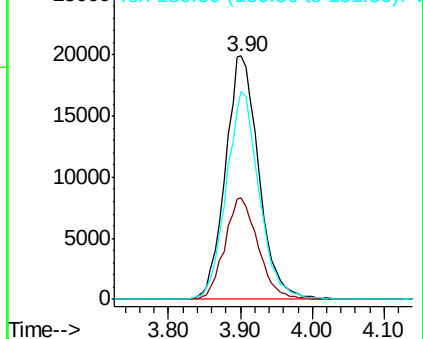
151 84.0 66.8 100.2



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: 17.002 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

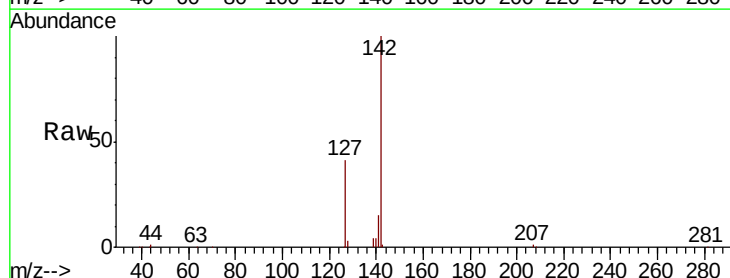
Tgt Ion:142 Resp: 78130

Ion Ratio Lower Upper

142 100

127 41.9 33.7 50.5

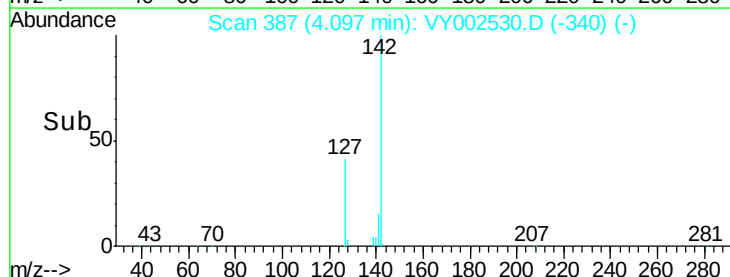
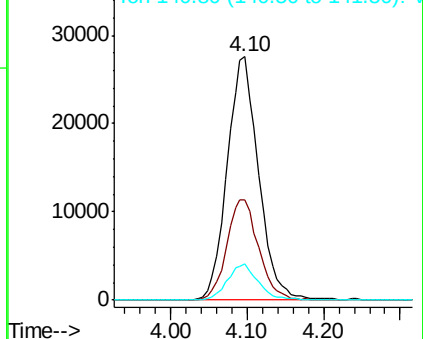
141 14.4 11.4 17.0

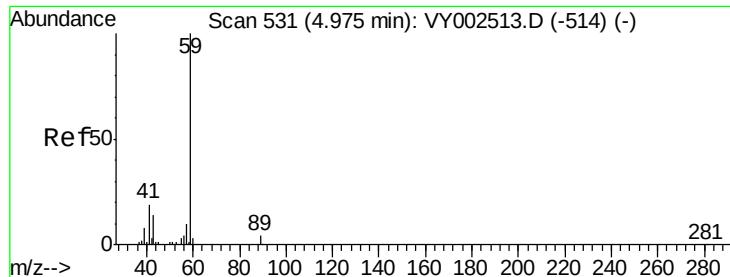


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



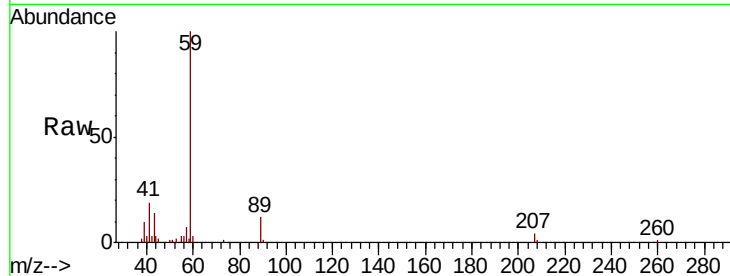


#11

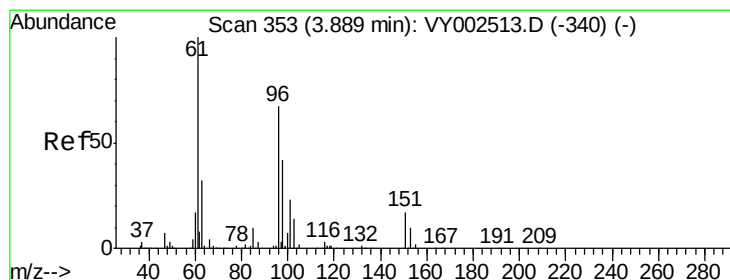
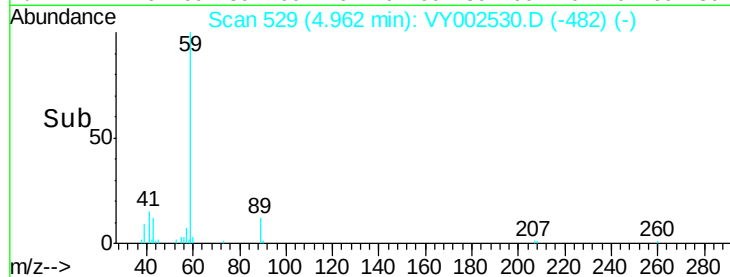
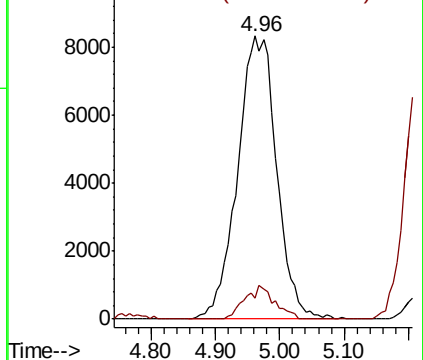
Tert butyl alcohol
Concen: 105.739 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 59 Resp: 34817
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.6



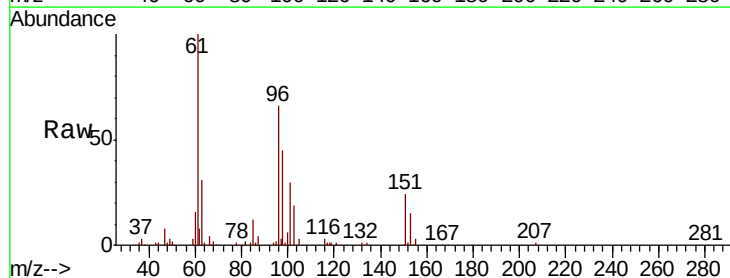
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



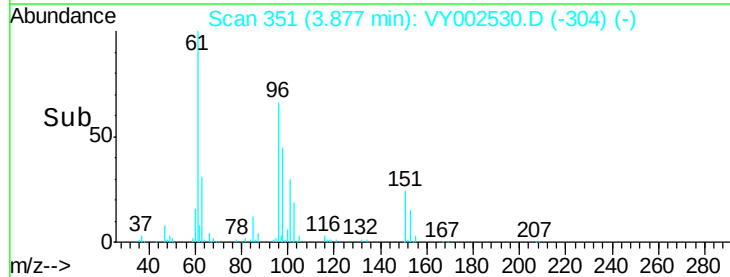
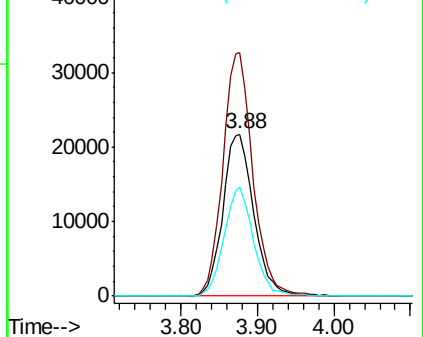
#12

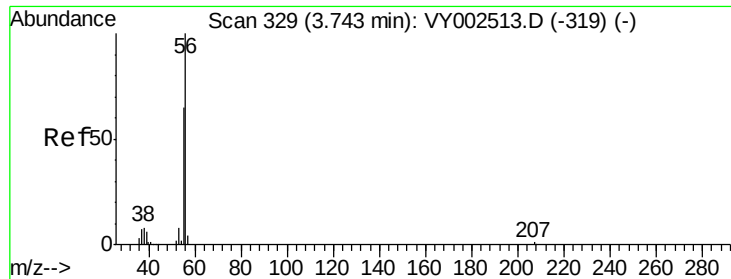
1,1-Dichloroethene
Concen: 18.453 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion: 96 Resp: 60465
Ion Ratio Lower Upper
96 100
61 150.5 118.8 178.2
98 67.9 49.6 74.4



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





#13

Acrolein

Concen: 87.398 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

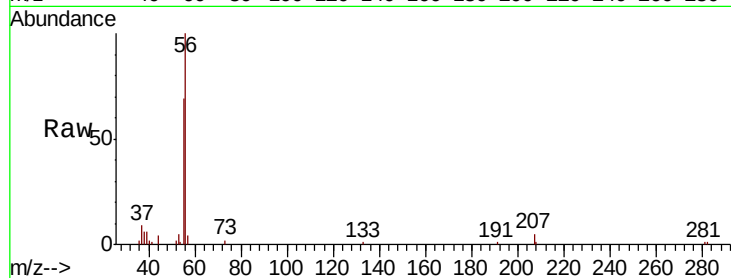
ClientSampleId :

Tot Ion: 56 Resp: 19900

Ion Ratio Lower Upper

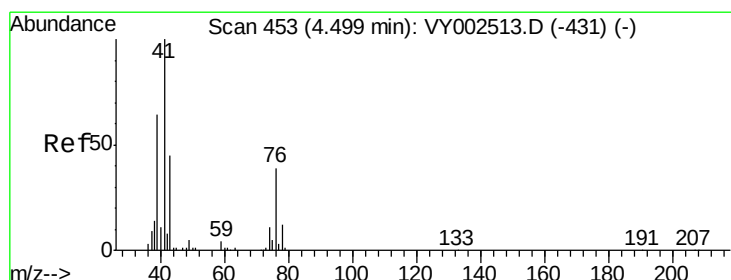
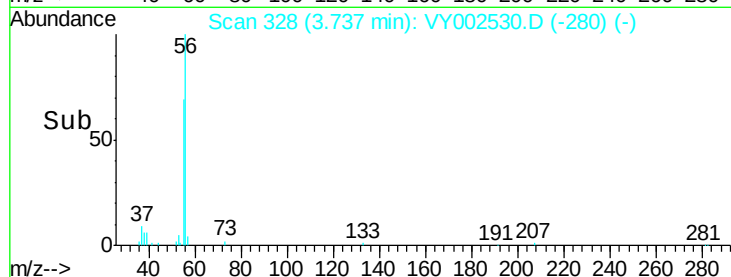
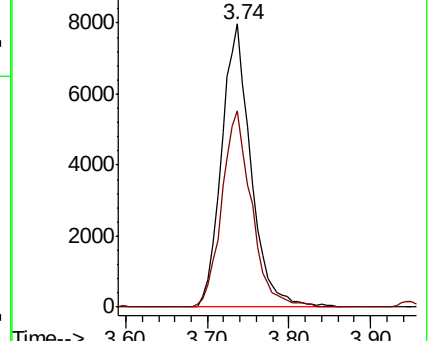
56 100

55 70.4 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: 19.146 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

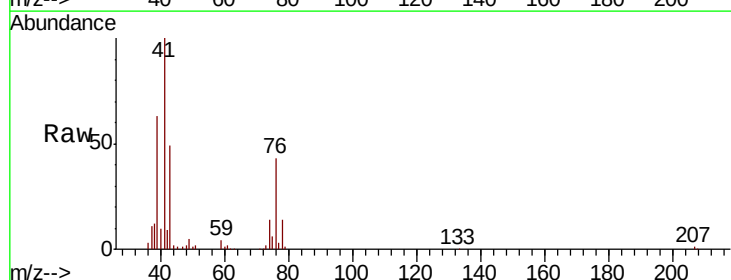
Tgt Ion: 41 Resp: 91406

Ion Ratio Lower Upper

41 100

39 63.5 51.8 77.6

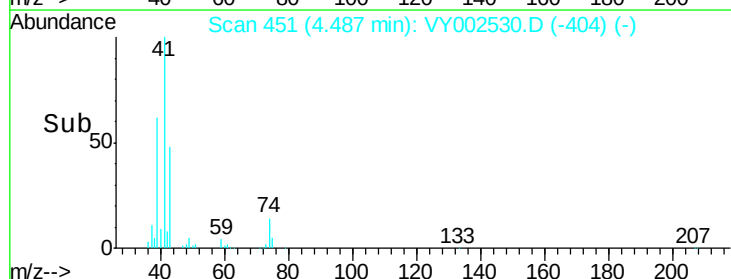
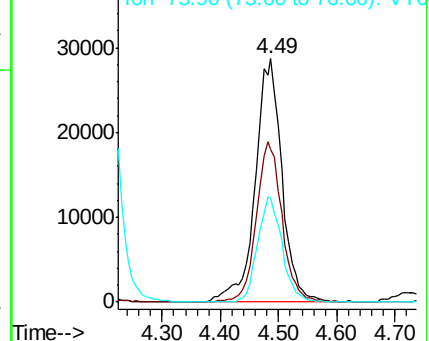
76 39.6 31.7 47.5

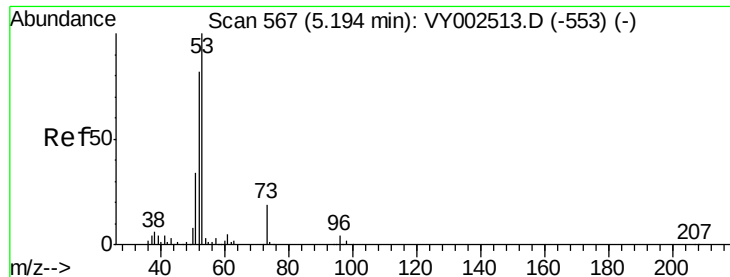


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 102.117 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

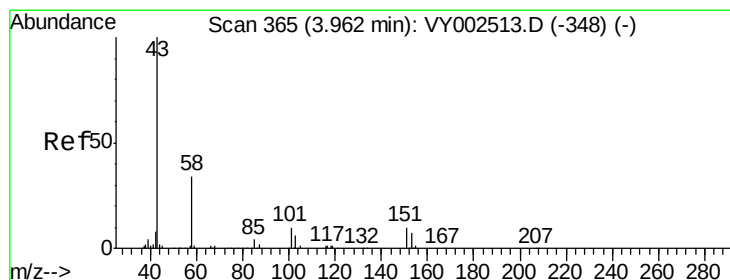
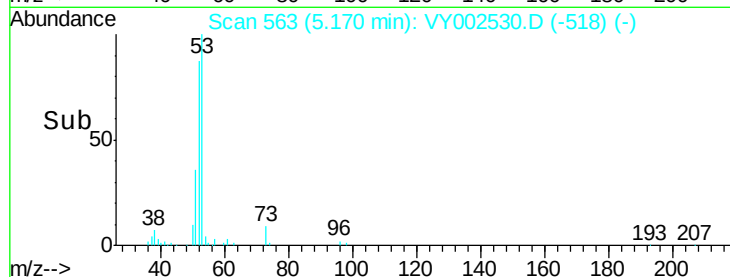
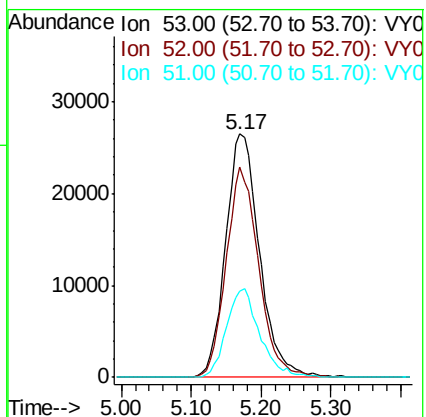
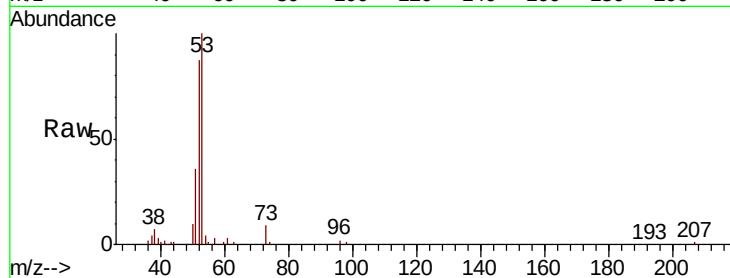
Tot Ion: 53 Resp: 89312

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.0

51 35.8 28.7 43.1



#16

Acetone

Concen: 108.447 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002530.D

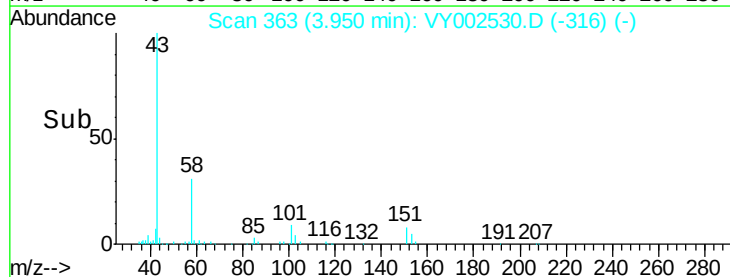
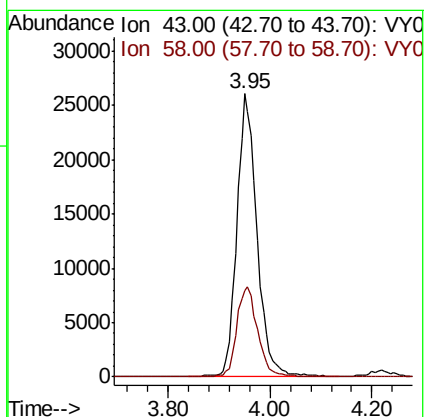
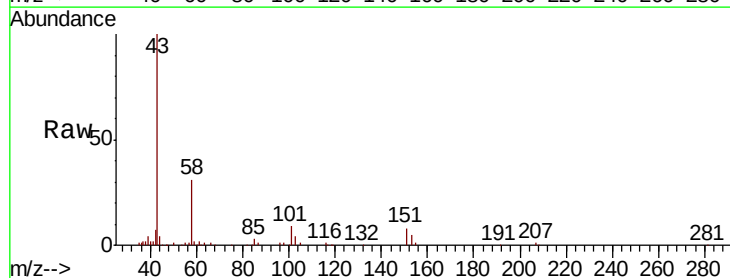
Acq: 04 May 2020 11:13

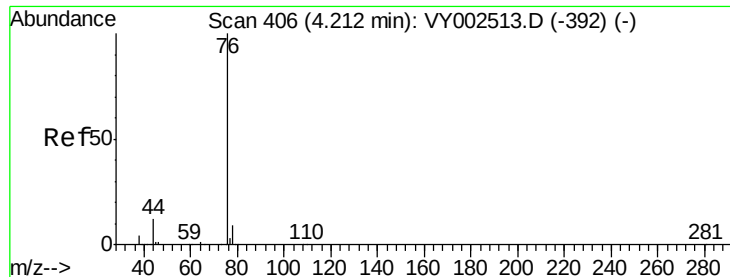
Tgt Ion: 43 Resp: 71630

Ion Ratio Lower Upper

43 100

58 30.6 26.9 40.3





#17

Carbon Disulfide

Concen: 17.525 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

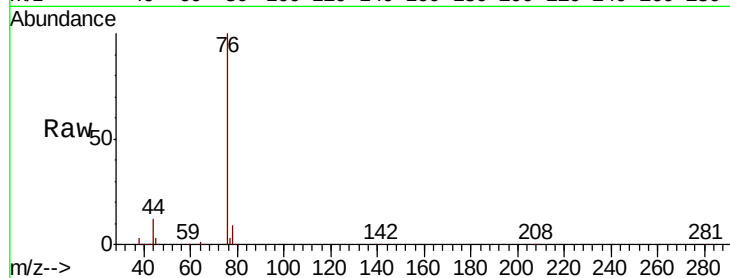
ClientSampleId :

Tot Ion: 76 Resp: 172757

Ion Ratio Lower Upper

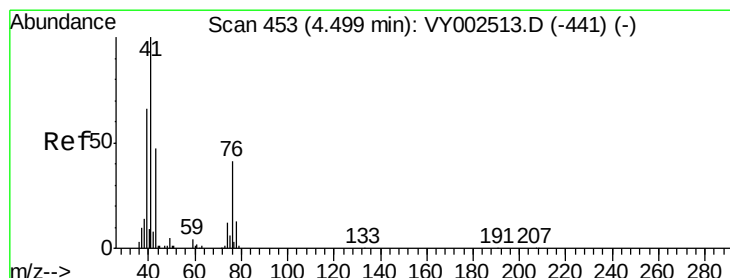
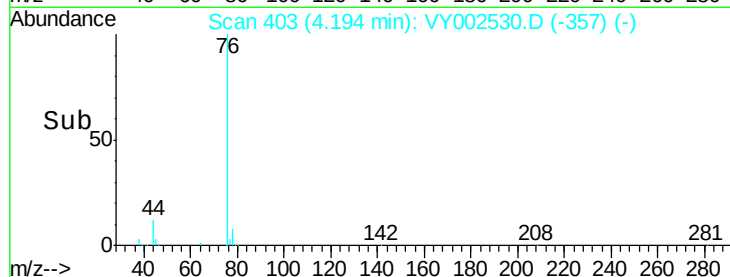
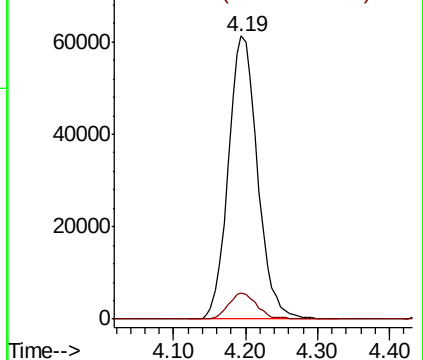
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.034 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.02 min

Lab File: VY002530.D

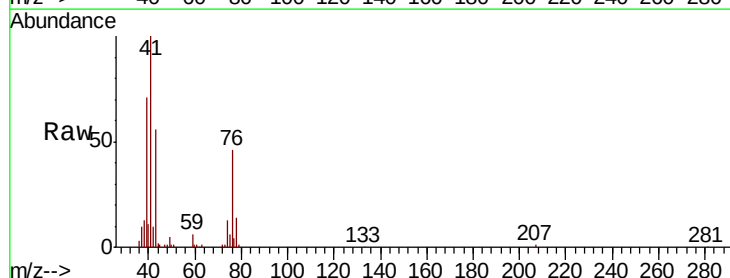
Acq: 04 May 2020 11:13

Tgt Ion: 43 Resp: 44214

Ion Ratio Lower Upper

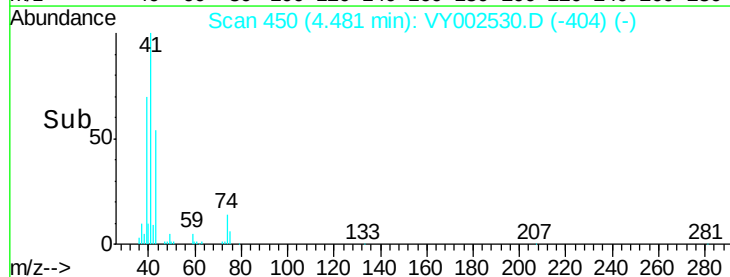
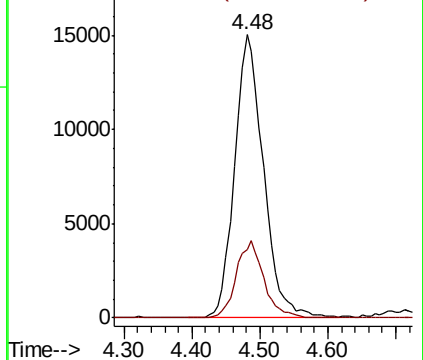
43 100

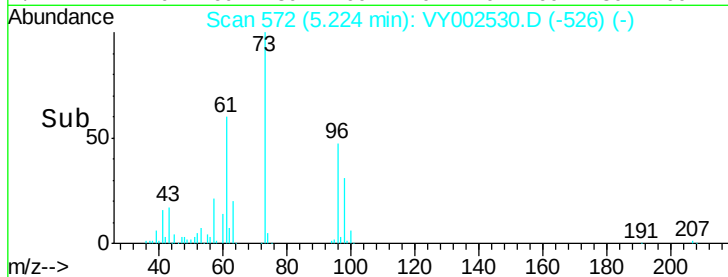
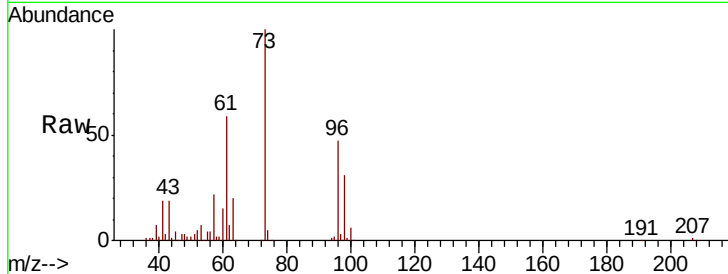
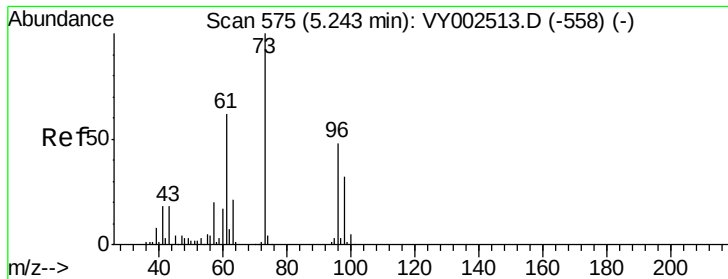
74 26.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

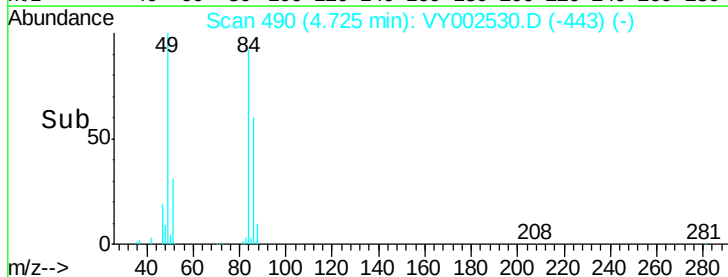
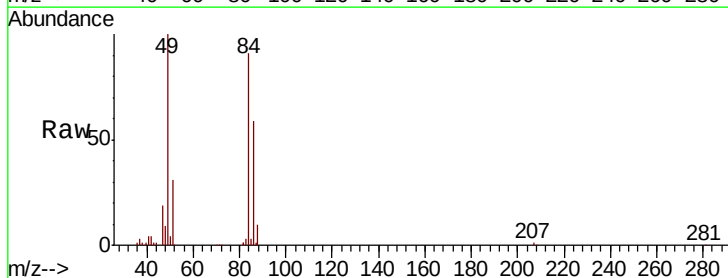
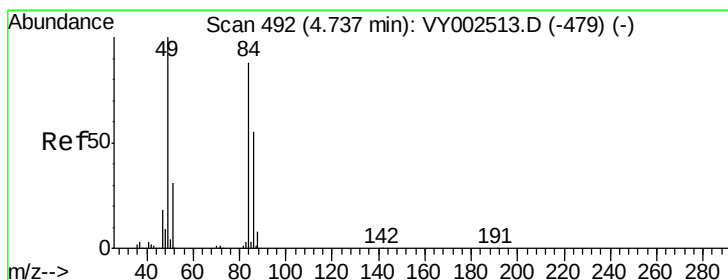
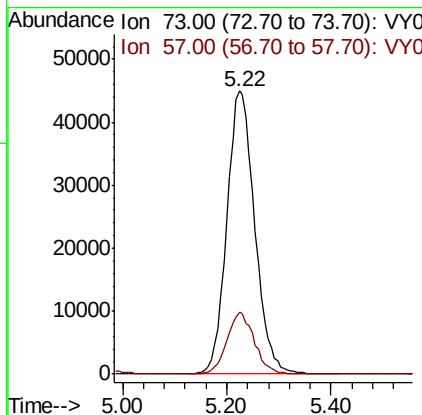
Ion 74.00 (73.70 to 74.70): VY0





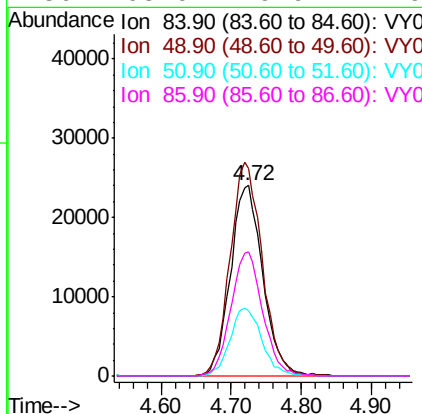
#19
Methyl tert-butyl Ether
Concen: 19.600 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.02 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

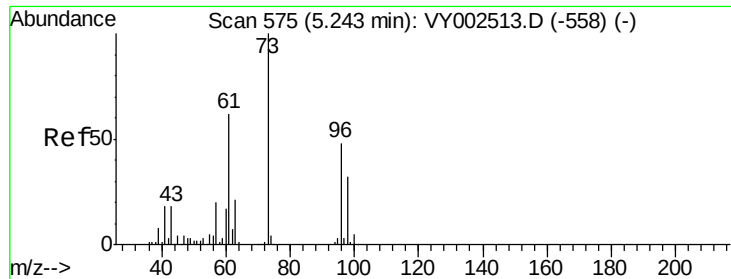
Tot Ion: 73 Resp: 167557
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5



#20
Methylene Chloride
Concen: 20.940 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion: 84 Resp: 77346
Ion Ratio Lower Upper
84 100
49 109.3 90.5 135.7
51 34.2 28.3 42.5
86 65.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.746 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

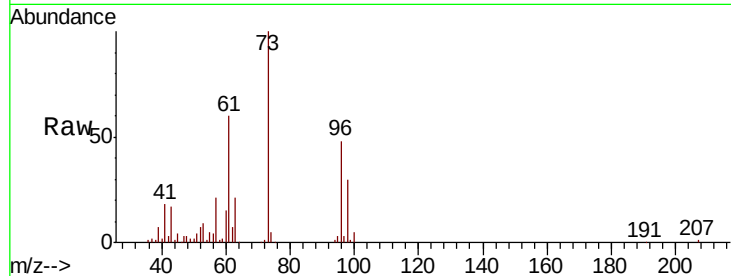
Tot Ion: 96 Resp: 67136

Ion Ratio Lower Upper

96 100

61 123.5 102.0 153.0

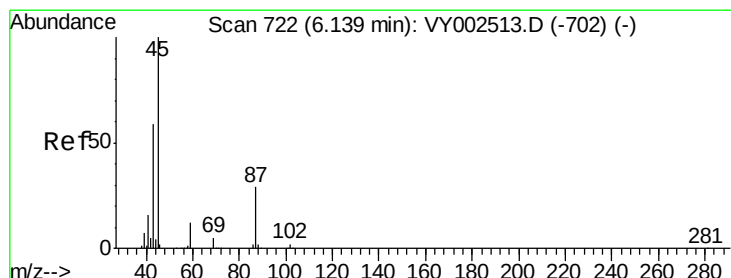
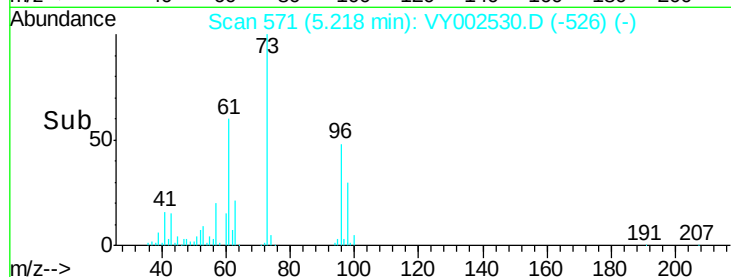
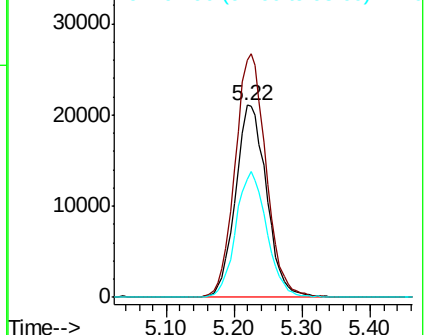
98 61.2 53.0 79.4



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: 19.919 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion: 45 Resp: 192422

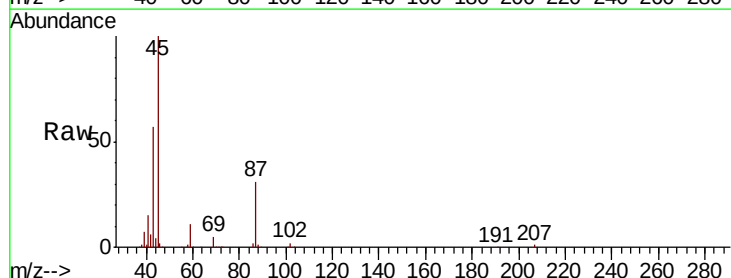
Ion Ratio Lower Upper

45 100

43 56.8 47.4 71.0

87 31.0 24.0 36.0

59 11.2 9.8 14.8

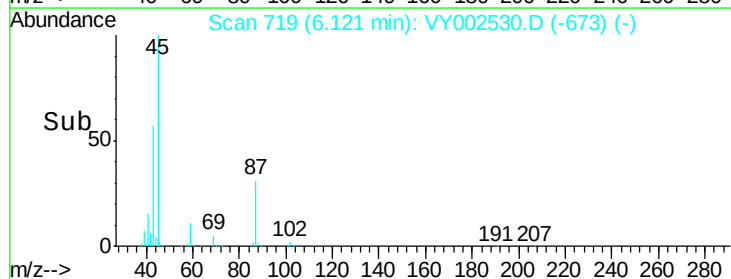
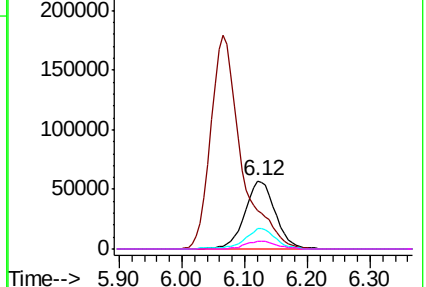


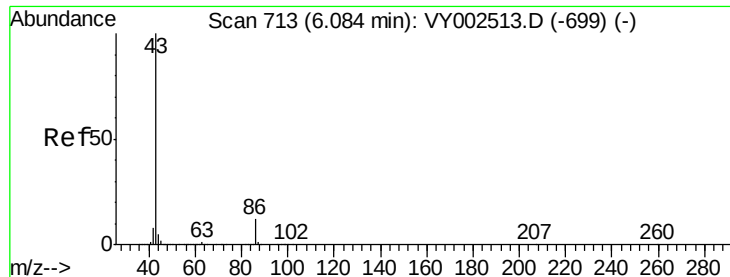
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 99.337 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

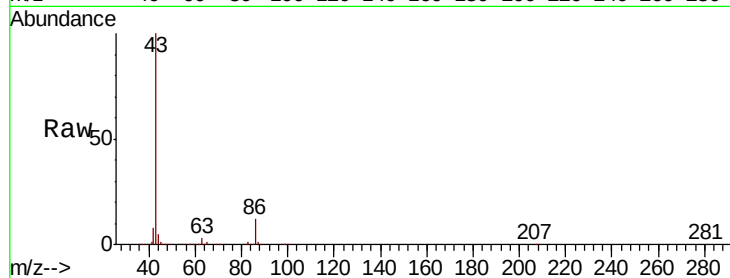
ClientSampleId :

Tot Ion: 43 Resp: 603488

Ion Ratio Lower Upper

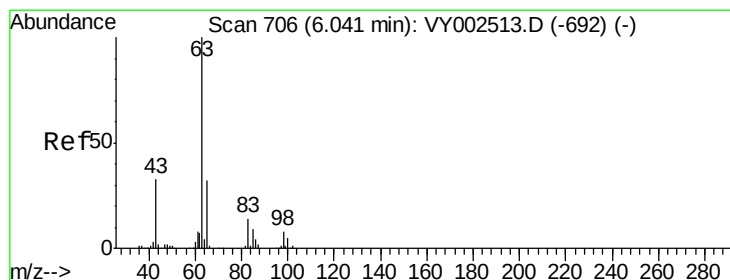
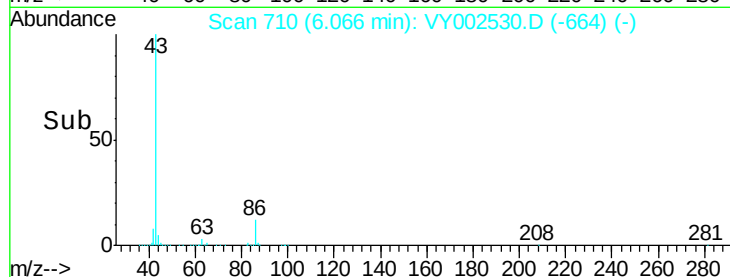
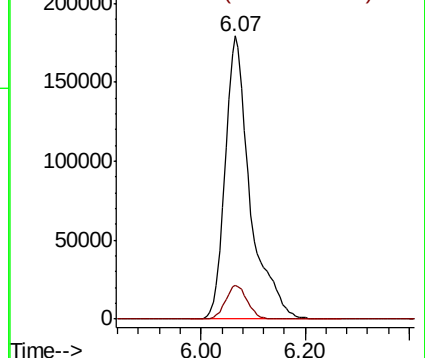
43 100

86 12.1 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: 19.187 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

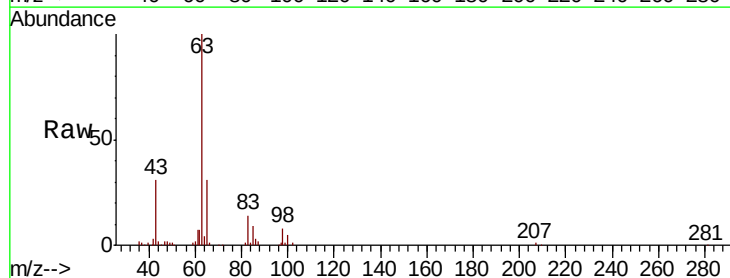
Tgt Ion: 63 Resp: 109649

Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

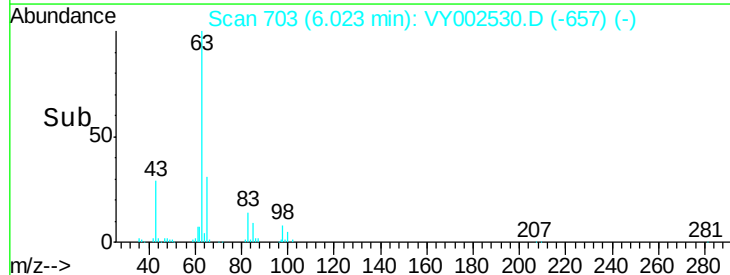
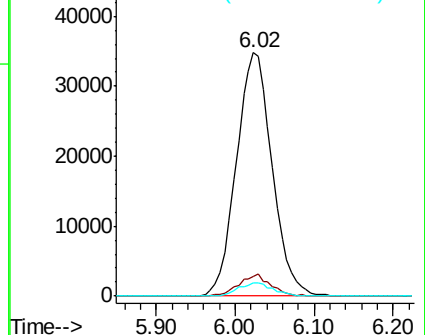
100 5.3 2.4 7.2

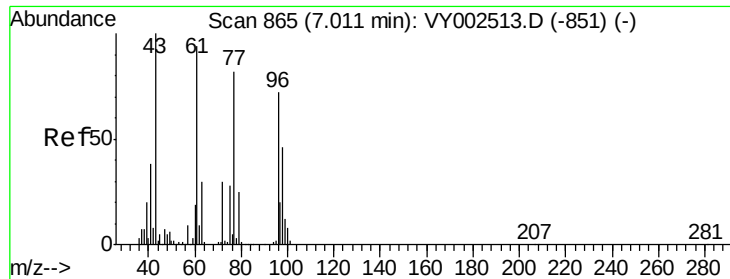


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 102.019 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

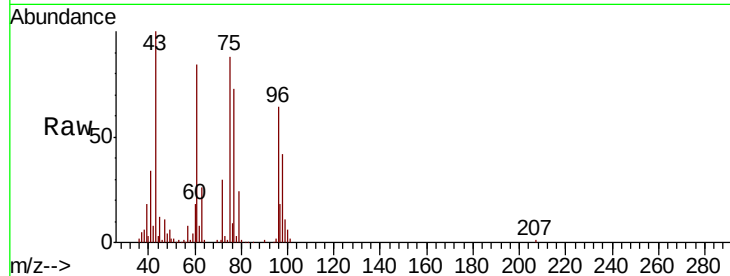
ClientSampled :

Tot Ion: 43 Resp: 110304

Ion Ratio Lower Upper

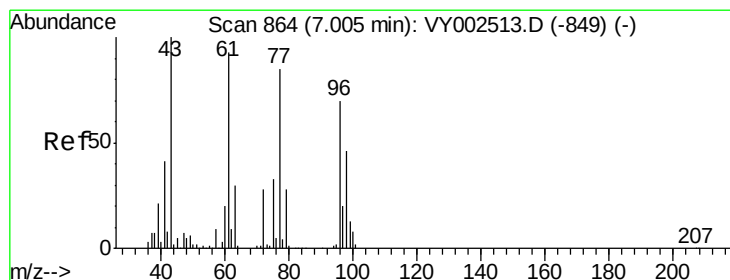
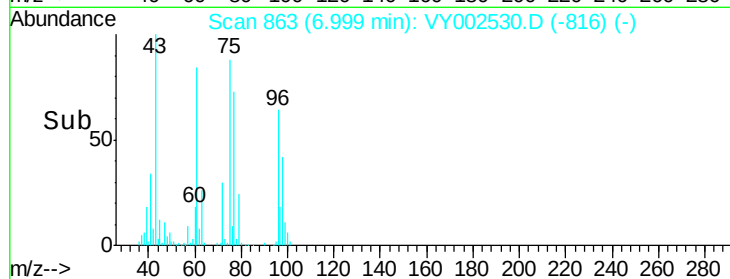
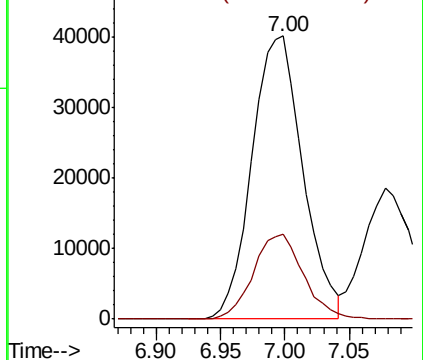
43 100

72 30.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 19.304 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.02 min

Lab File: VY002530.D

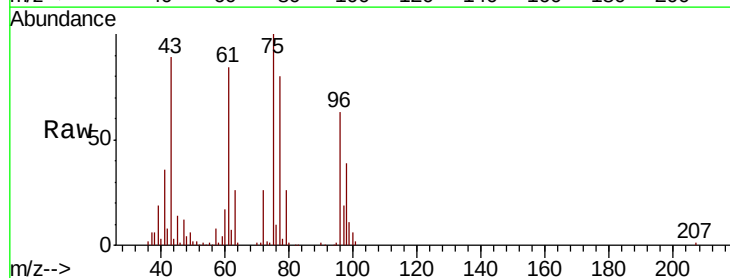
Acq: 04 May 2020 11:13

Tgt Ion: 77 Resp: 104861

Ion Ratio Lower Upper

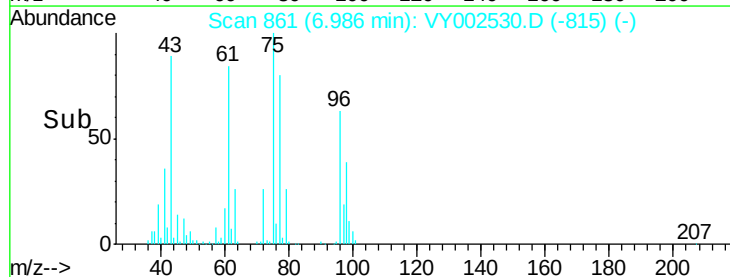
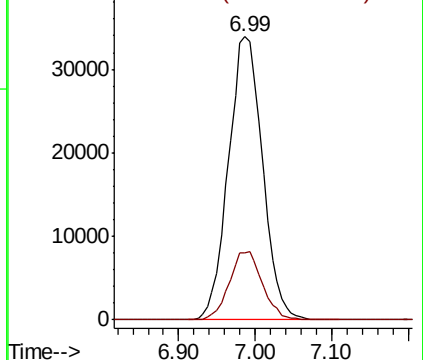
77 100

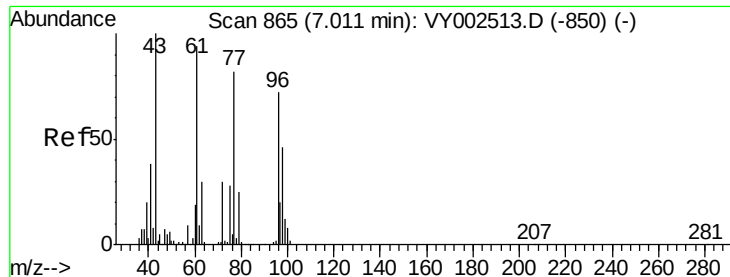
97 23.4 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



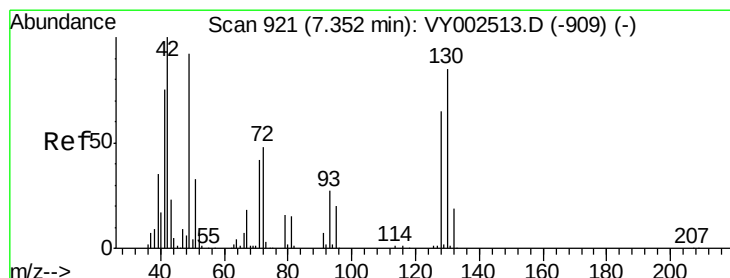
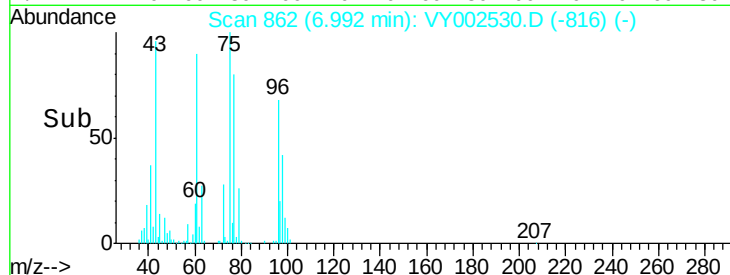
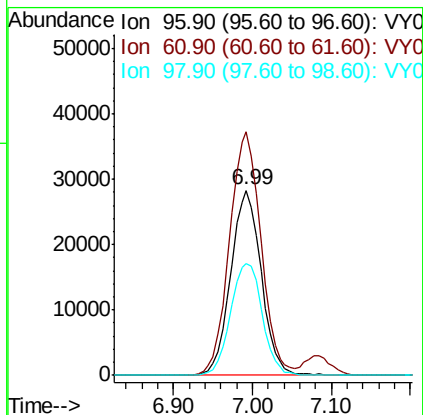
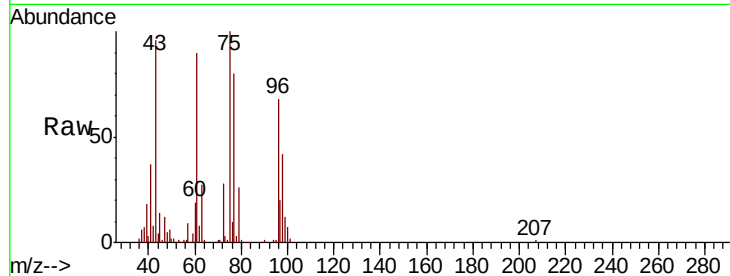


#27

cis-1,2-Dichloroethene
 Concen: 19.229 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :

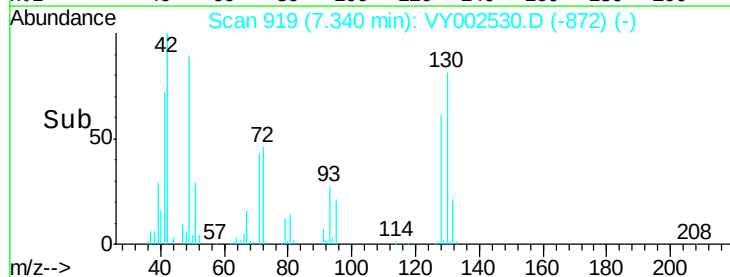
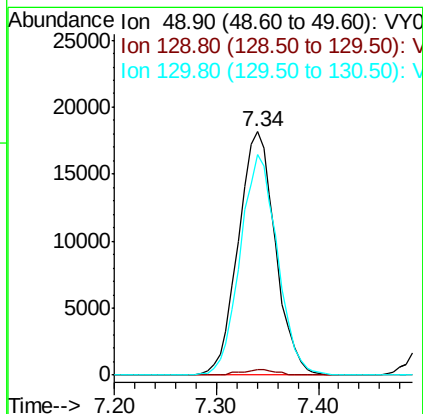
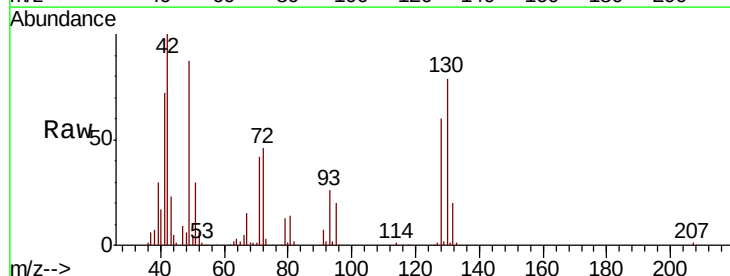
Tot Ion: 96 Resp: 76201
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 266.6
 98 62.8 0.0 129.2

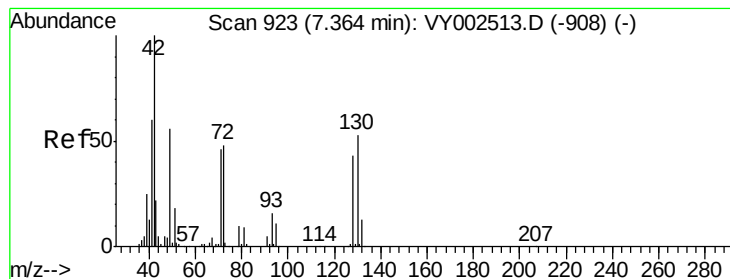


#28

Bromochloromethane
 Concen: 19.557 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion: 49 Resp: 45792
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 91.0 72.5 108.7





#29

Tetrahydrofuran

Concen: 102.550 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

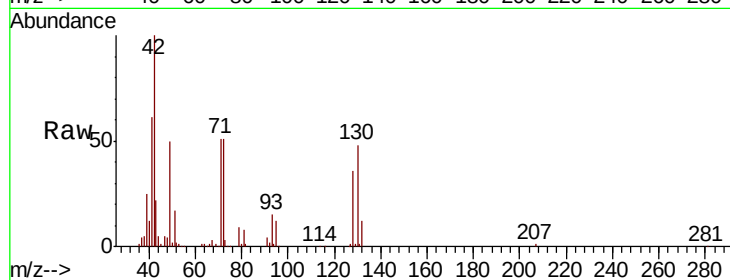
Tot Ion: 42 Resp: 73359

Ion Ratio Lower Upper

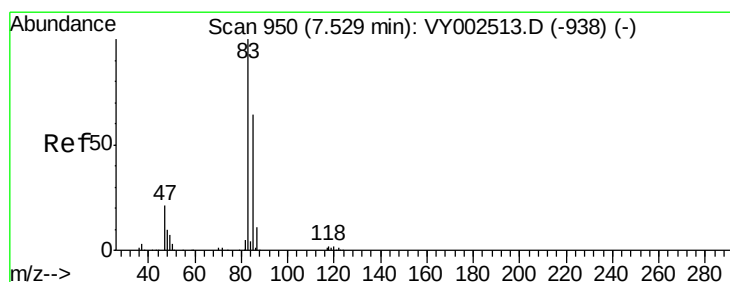
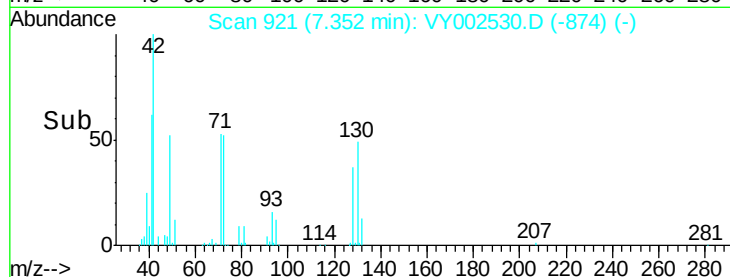
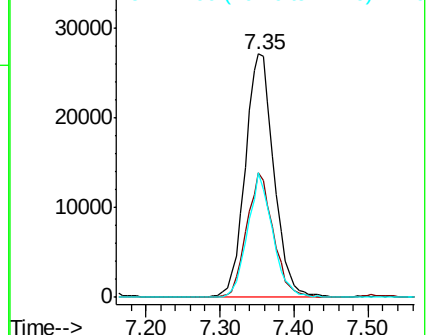
42 100

72 47.8 37.4 56.2

71 44.5 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: 19.316 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.02 min

Lab File: VY002530.D

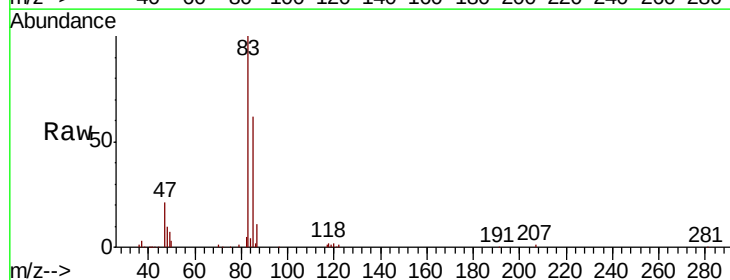
Acq: 04 May 2020 11:13

Tgt Ion: 83 Resp: 114780

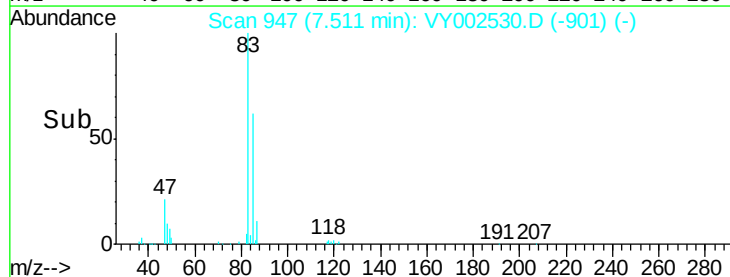
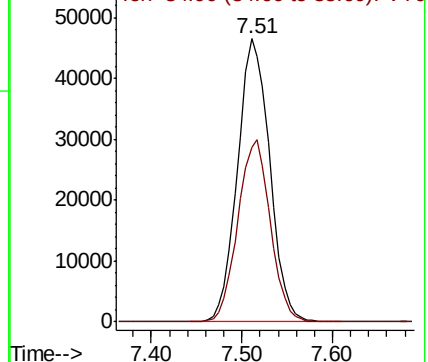
Ion Ratio Lower Upper

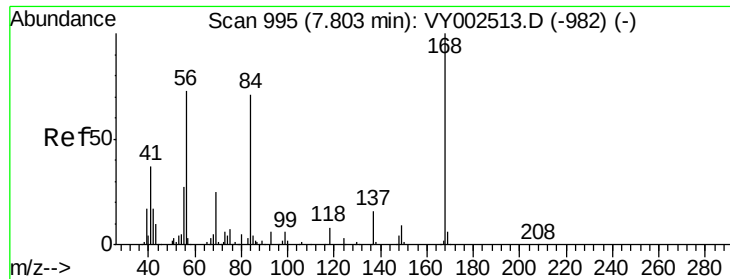
83 100

85 61.9 51.5 77.3



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

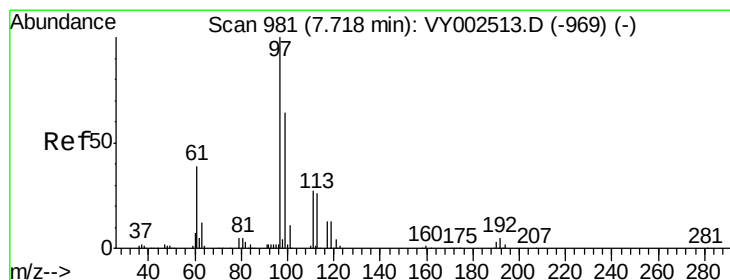
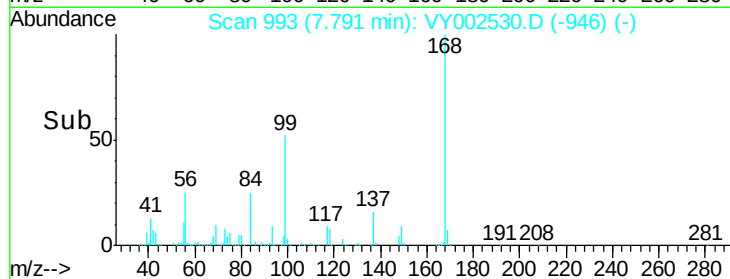
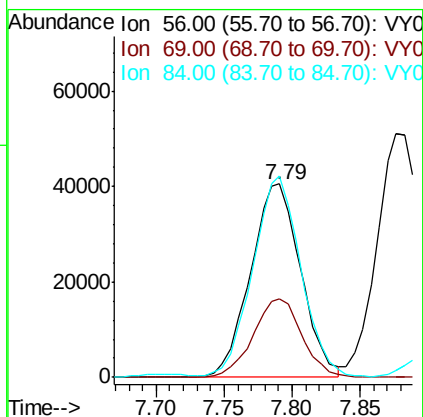
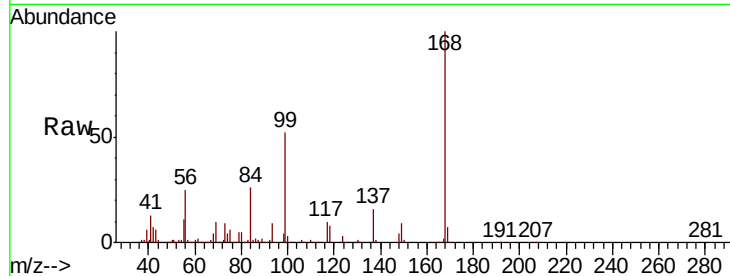




#31
Cyclohexane
Concen: 18.182 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

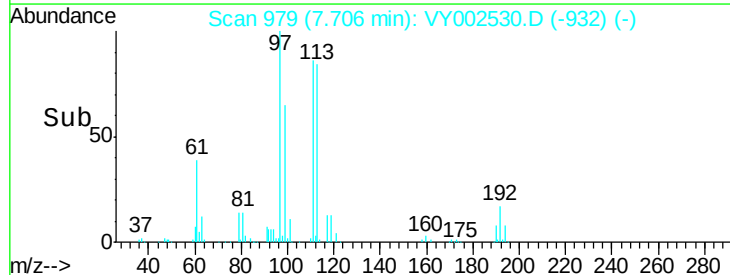
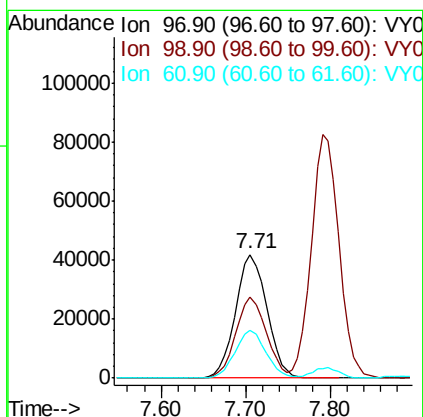
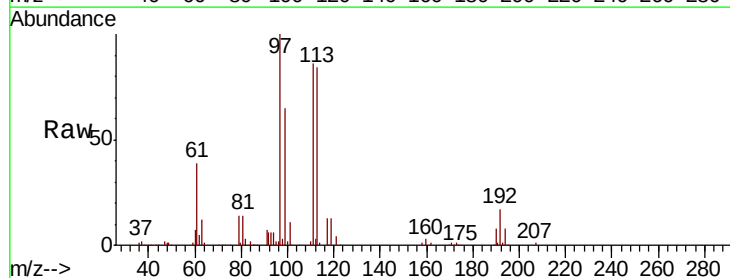
Instrument :
MSVOA_Y
ClientSampleId :

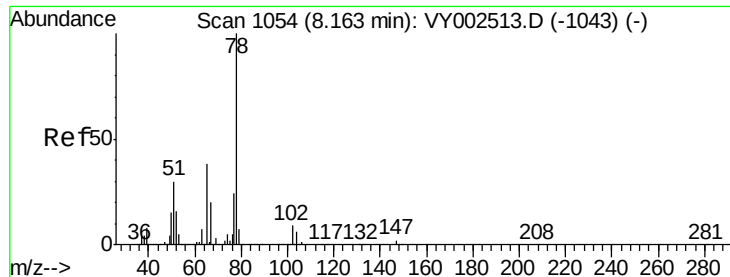
Tot Ion: 56 Resp: 104590
Ion Ratio Lower Upper
56 100
69 40.8 27.6 41.4
84 103.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.160 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion: 97 Resp: 105823
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 38.0 31.0 46.6

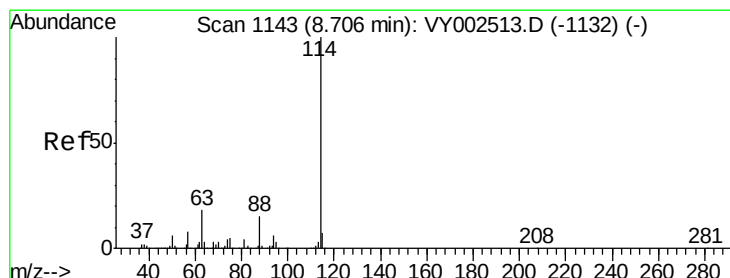
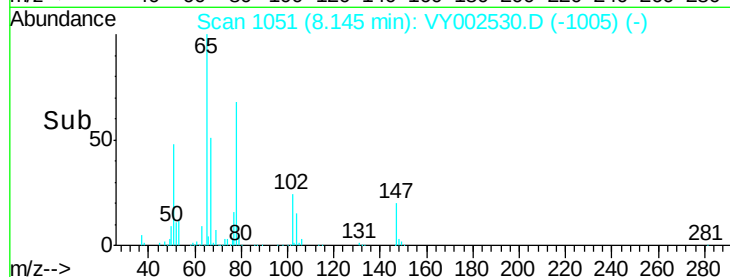
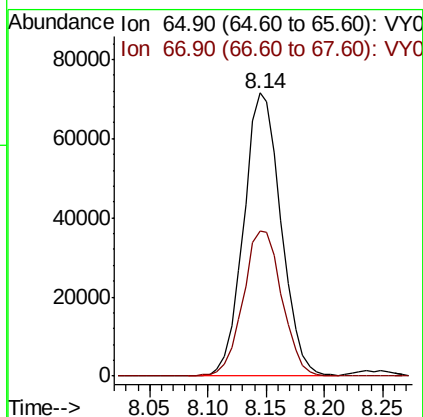
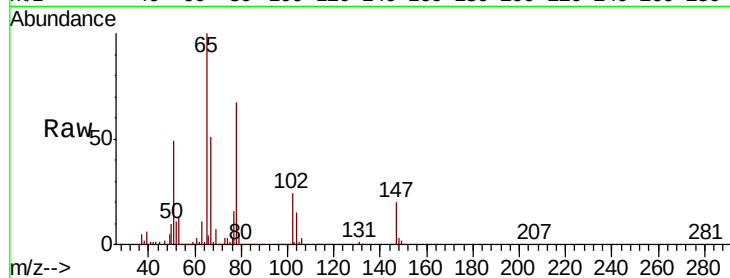




#33
 1,2-Dichloroethane-d4
 Concen: 49.777 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

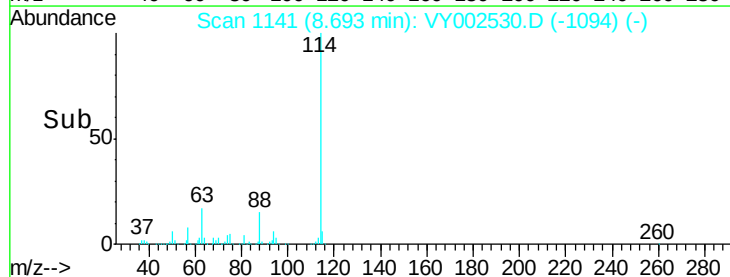
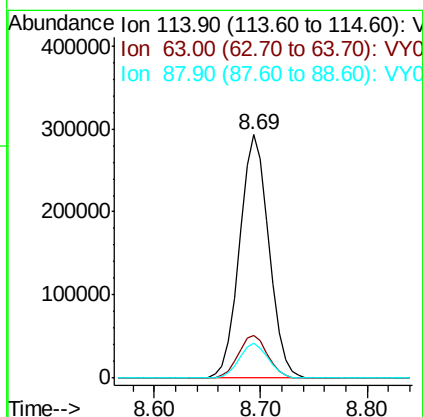
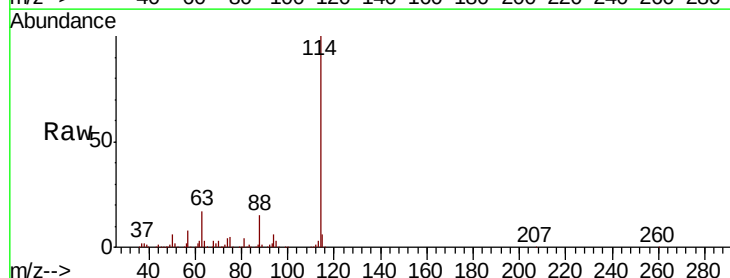
Instrument :
 MSVOA_Y
 ClientSampled :

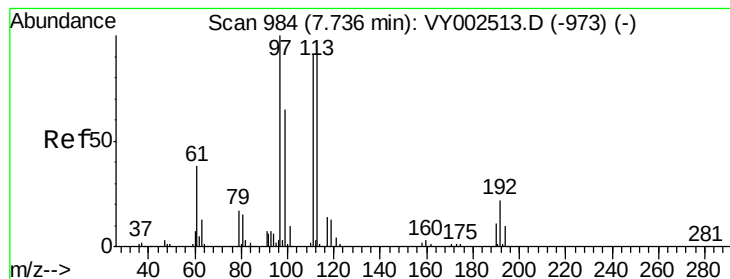
Tot Ion: 65 Resp: 159310
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion: 114 Resp: 565493
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.4
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.494 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :

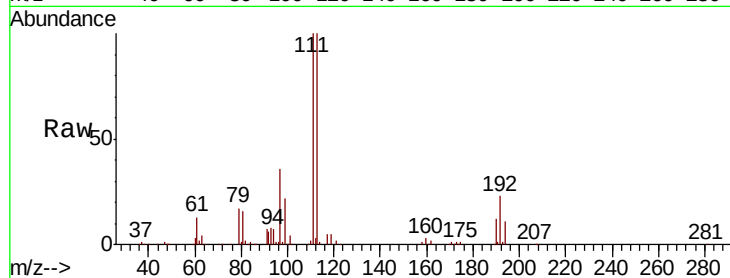
Tot Ion:113 Resp: 163300

Ion Ratio Lower Upper

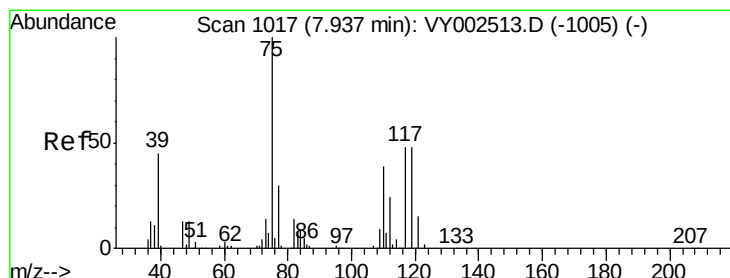
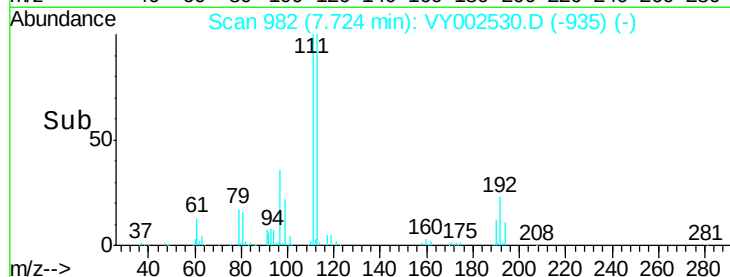
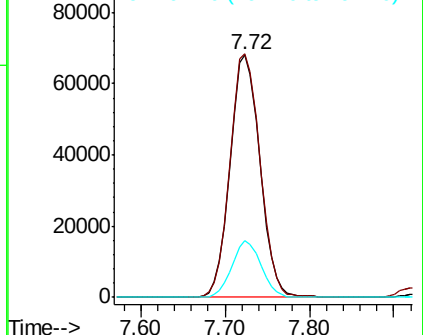
113 100

111 101.3 81.8 122.6

192 22.8 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: 18.614 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.02 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

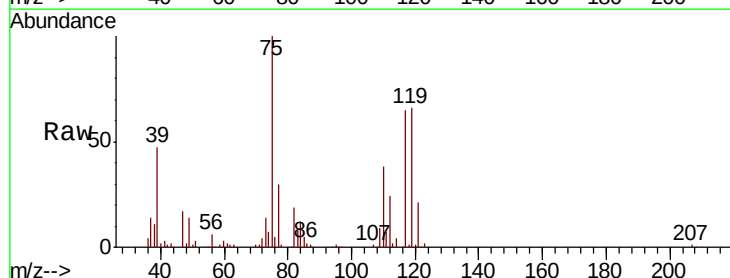
Tgt Ion: 75 Resp: 88243

Ion Ratio Lower Upper

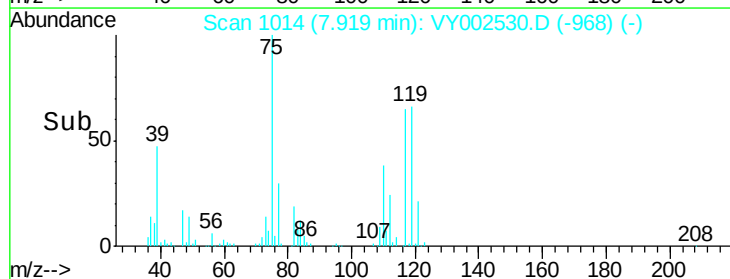
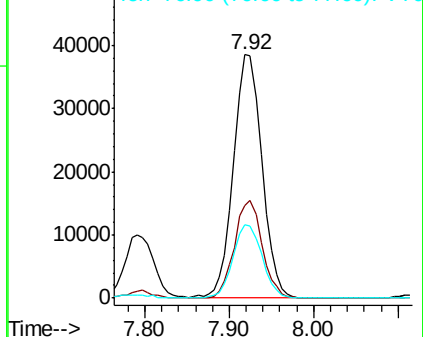
75 100

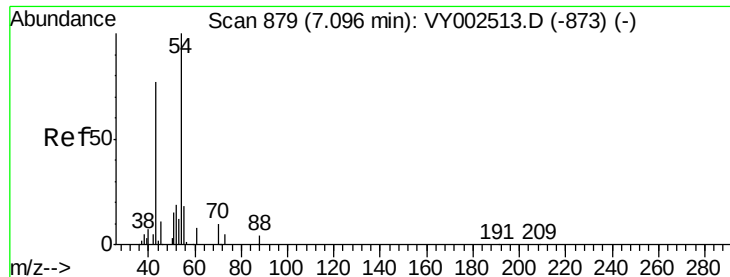
110 39.0 19.1 57.3

77 30.9 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

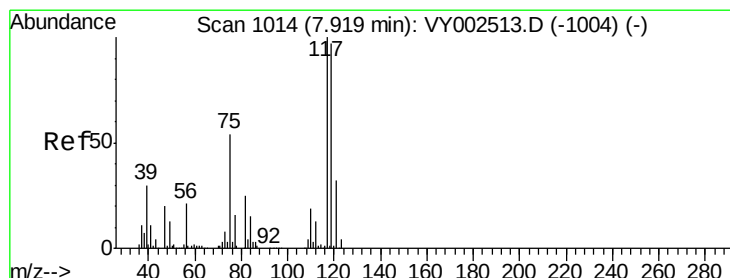
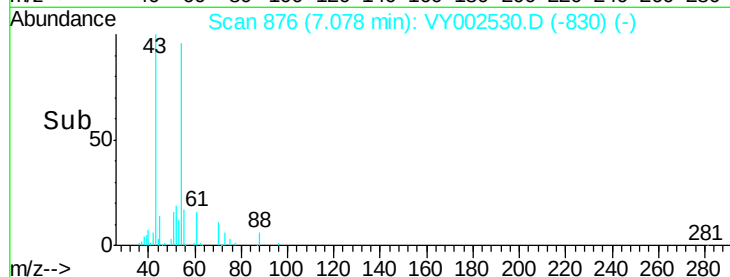
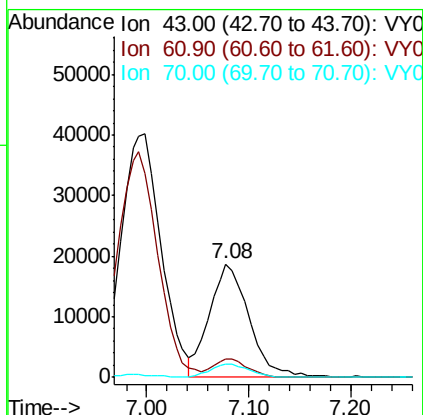
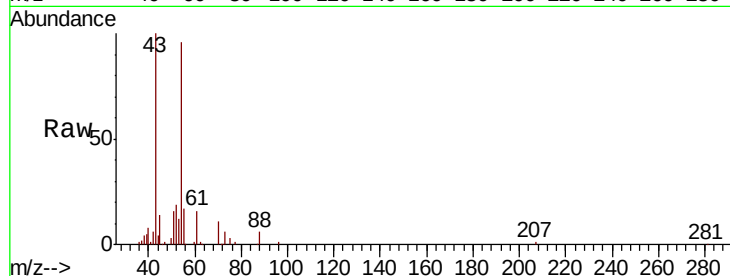




#37
Ethyl Acetate
Concen: 20.612 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.02 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

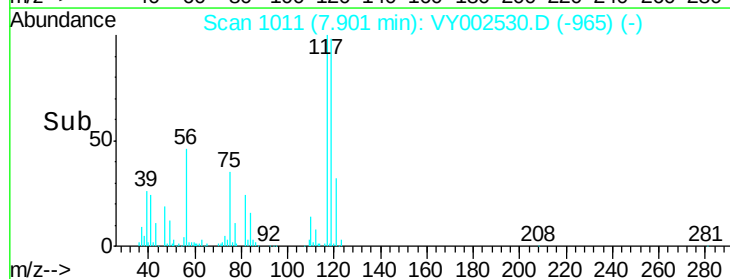
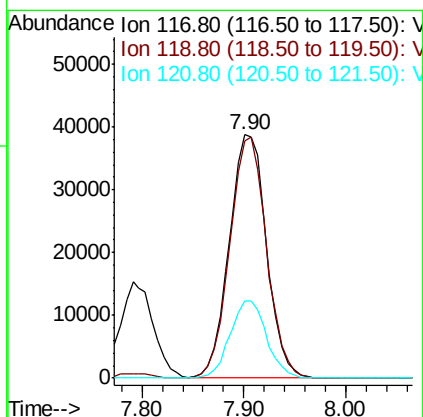
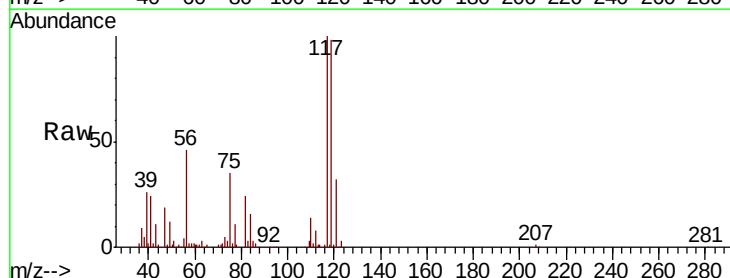
Instrument :
MSVOA_Y
ClientSampled :

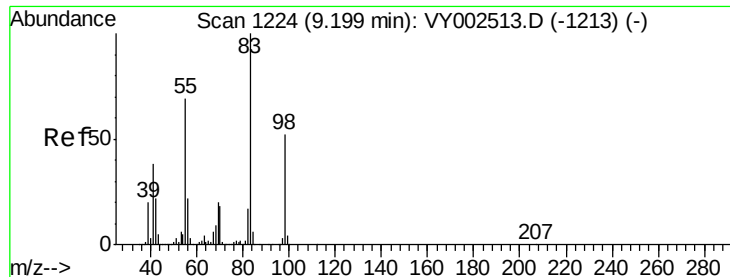
Tot Ion: 43 Resp: 50212
Ion Ratio Lower Upper
43 100
61 14.4 11.6 17.4
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.932 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.02 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion: 117 Resp: 97984
Ion Ratio Lower Upper
117 100
119 97.5 77.1 115.7
121 31.6 25.2 37.8

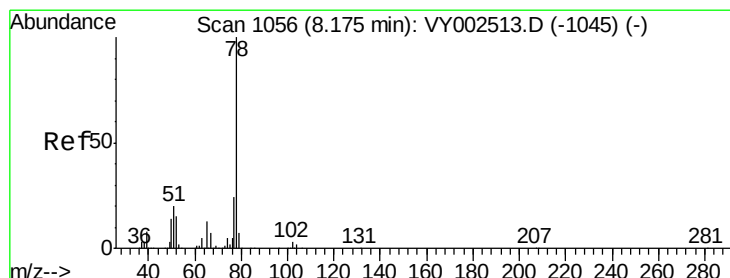
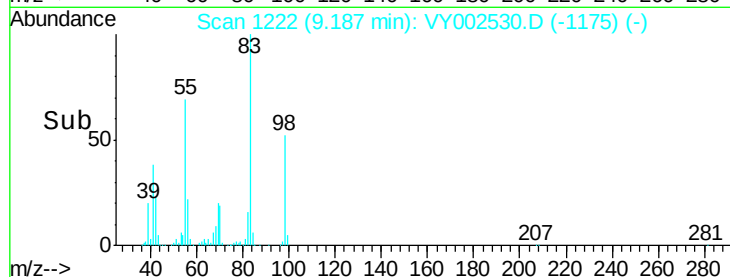
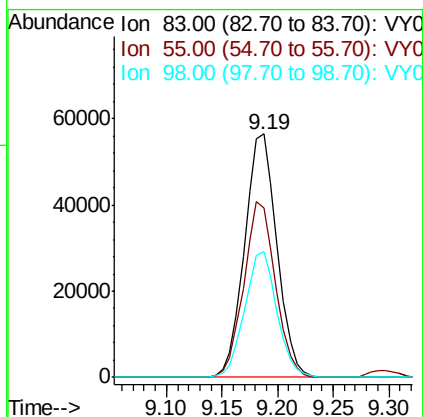
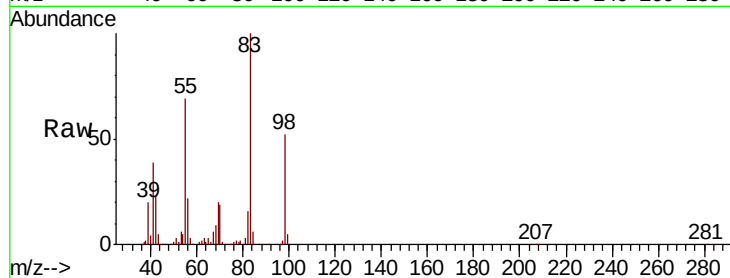




#39
Methylvlcyclohexane
Concen: 18.254 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

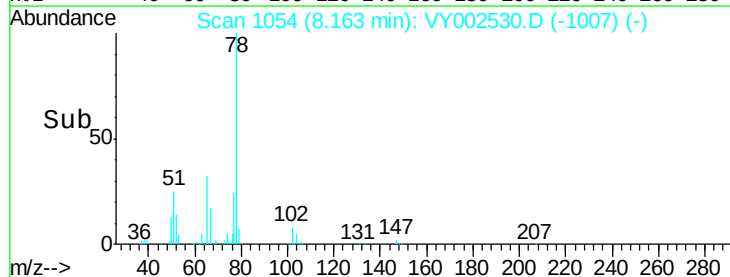
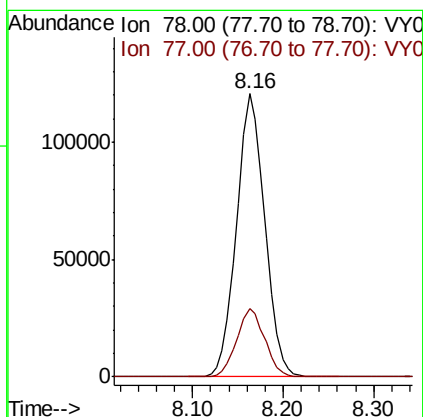
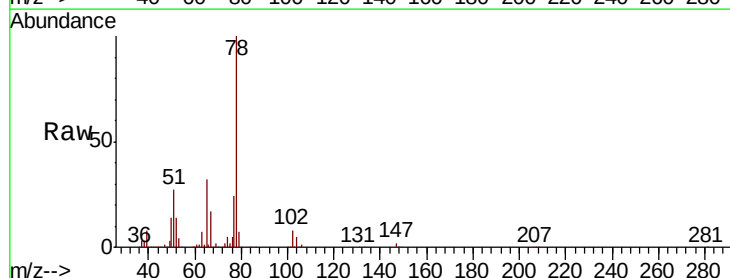
Instrument :
MSVOA_Y
ClientSampleId :

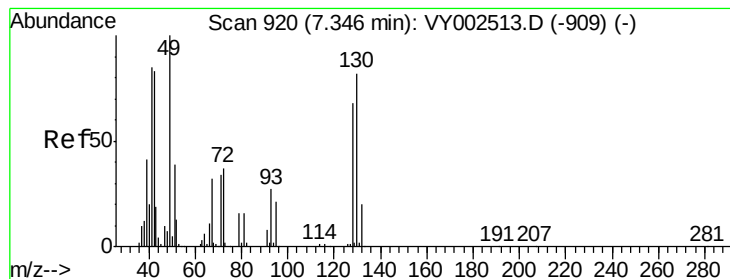
Tot Ion: 83 Resp: 114293
Ion Ratio Lower Upper
83 100
55 69.4 55.4 83.0
98 51.8 41.3 61.9



#40
Benzene
Concen: 18.994 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion: 78 Resp: 260063
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8





#41

Methacrylonitrile

Concen: 51.940 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 68031

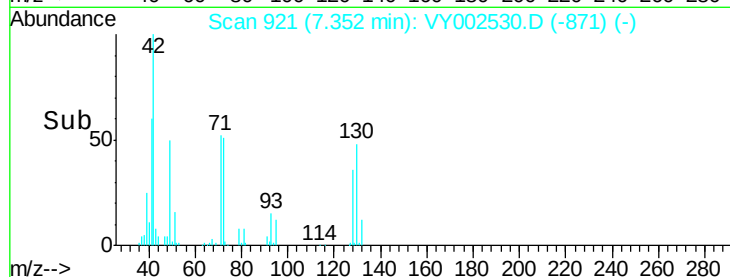
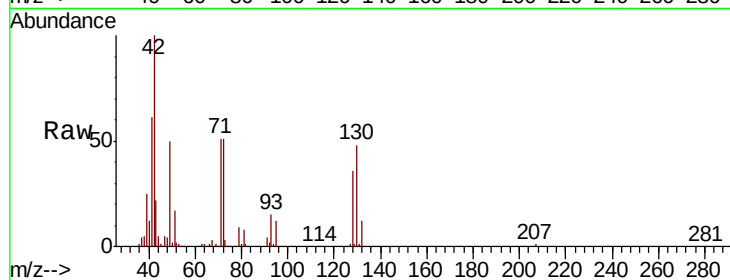
Ion Ratio Lower Upper

41 100

39 0.0 83.1 124.7#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

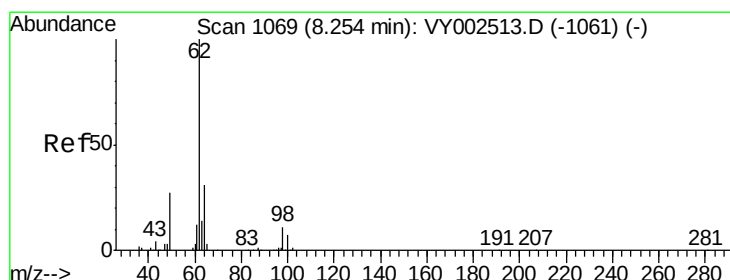
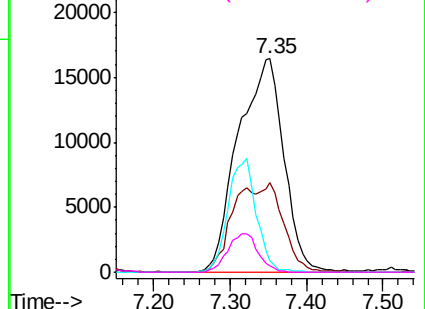


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 19.343 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY002530.D

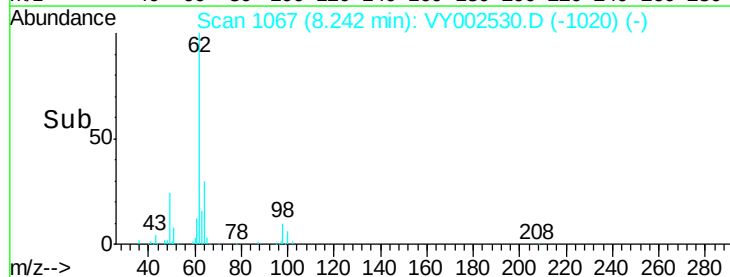
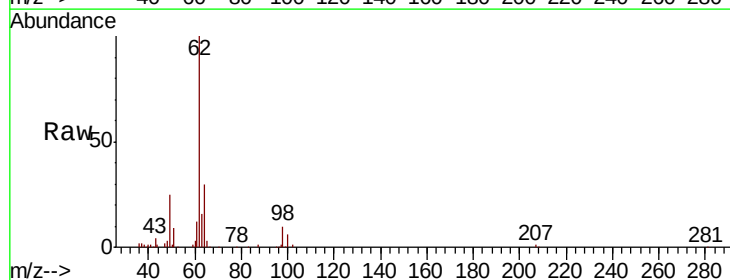
Acq: 04 May 2020 11:13

Tgt Ion: 62 Resp: 74286

Ion Ratio Lower Upper

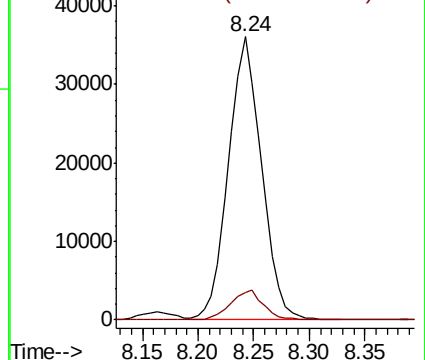
62 100

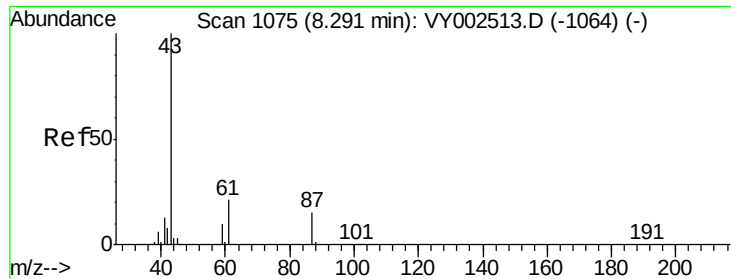
98 10.4 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.145 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

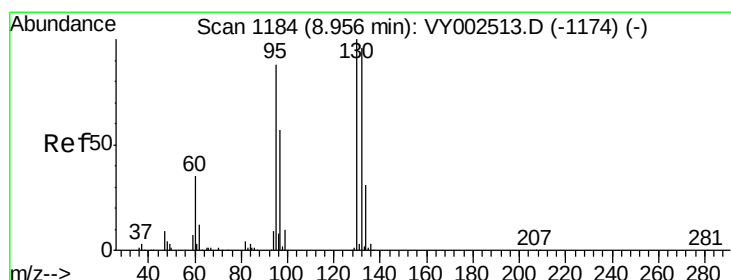
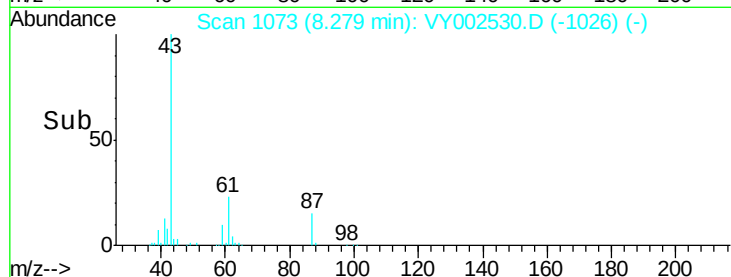
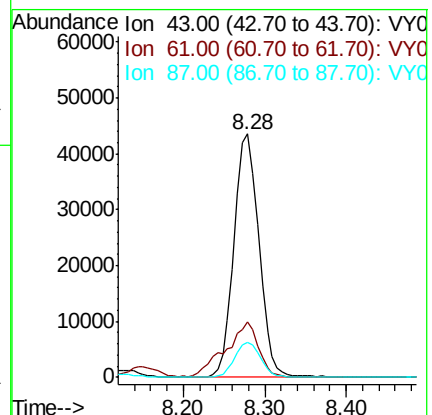
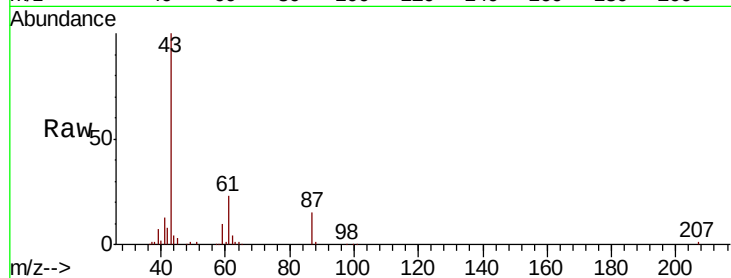
Tot Ion: 43 Resp: 92001

Ion Ratio Lower Upper

43 100

61 30.0 24.8 37.2

87 14.7 12.2 18.2



#44

Trichloroethene

Concen: 19.308 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002530.D

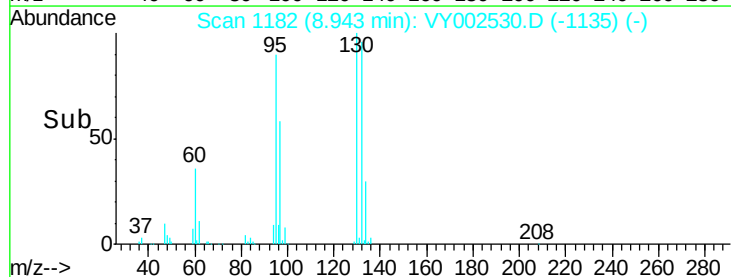
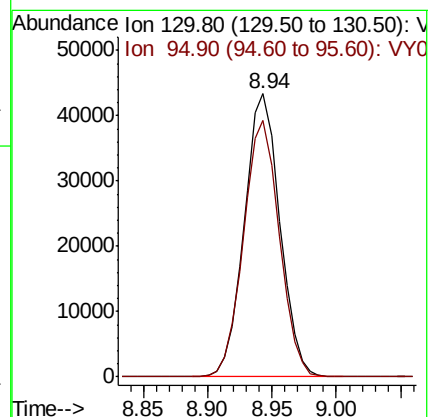
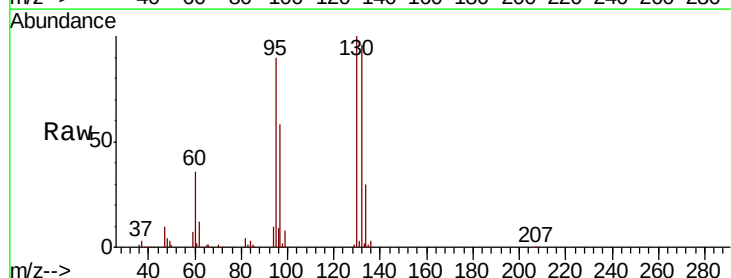
Acq: 04 May 2020 11:13

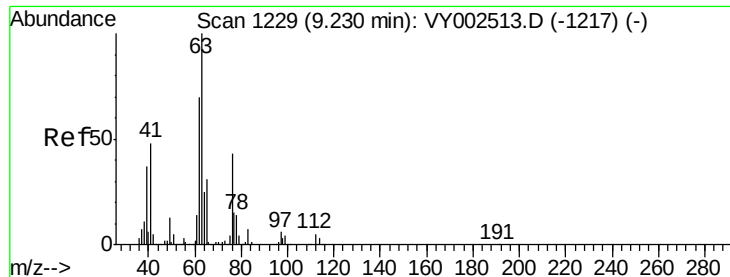
Tgt Ion:130 Resp: 82615

Ion Ratio Lower Upper

130 100

95 90.5 0.0 175.8





#45

1,2-Dichloropropane

Concen: 19.246 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

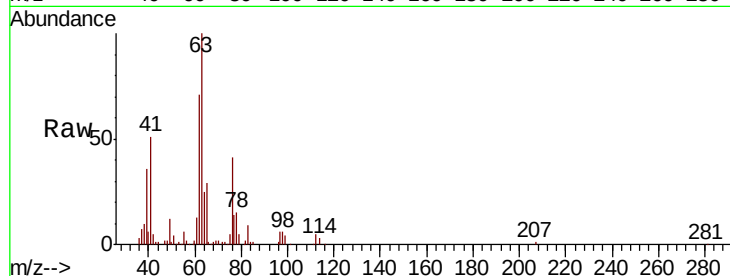
ClientSampleId :

Tot Ion: 63 Resp: 63598

Ion Ratio Lower Upper

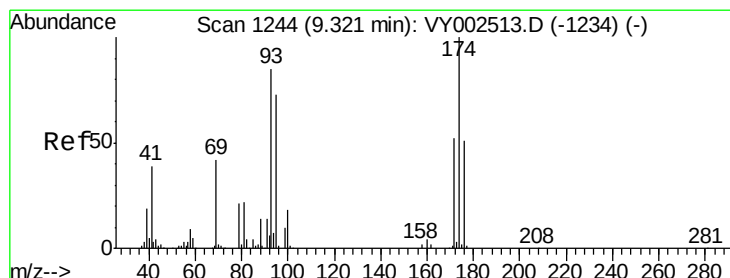
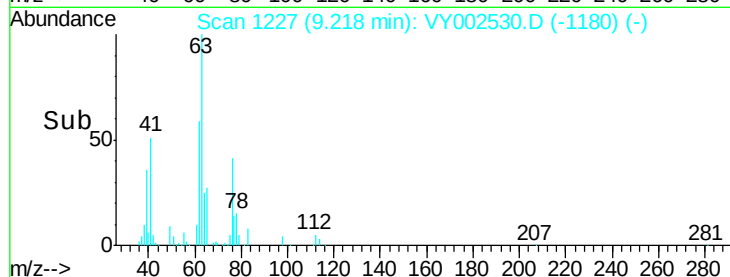
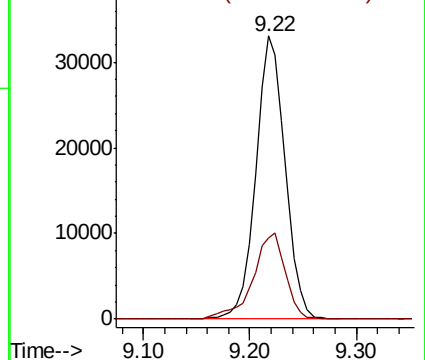
63 100

65 28.8 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.976 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

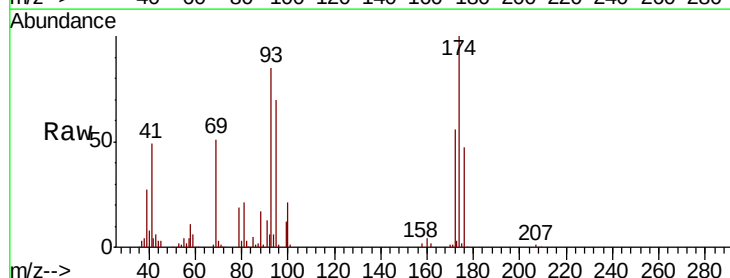
Tgt Ion: 93 Resp: 37980

Ion Ratio Lower Upper

93 100

95 82.1 67.0 100.4

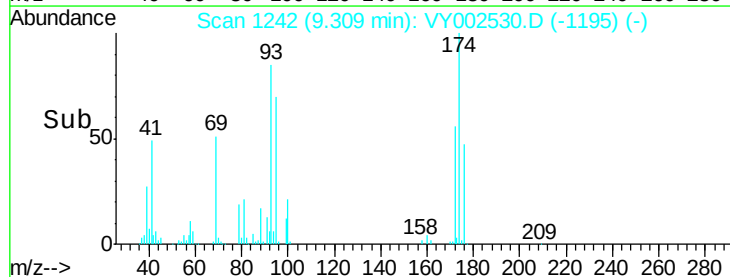
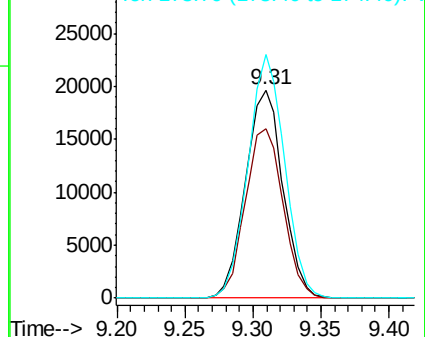
174 114.3 92.7 139.1

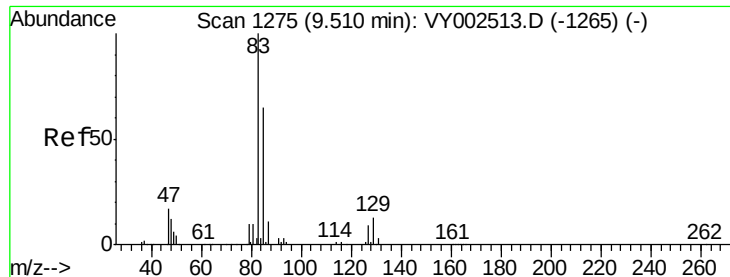


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 19.193 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

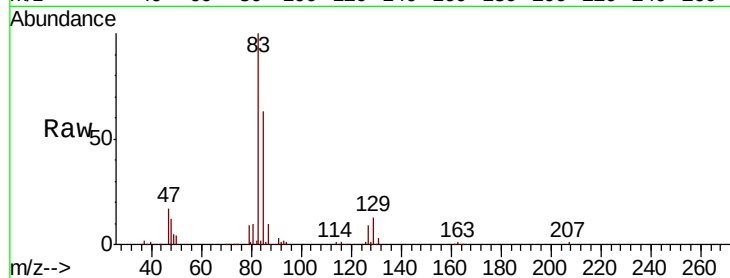
Tot Ion: 83 Resp: 88730

Ion Ratio Lower Upper

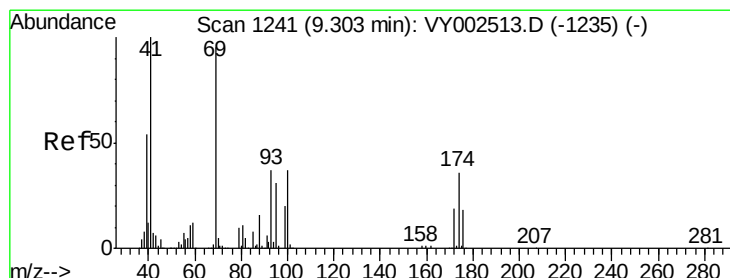
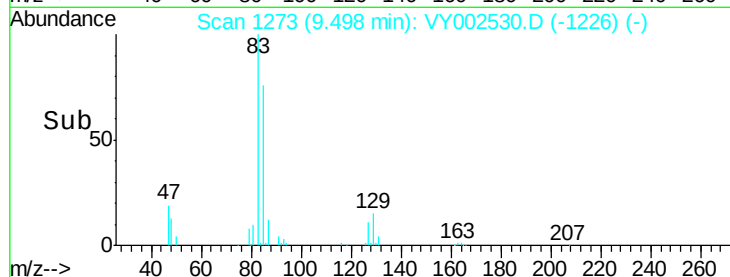
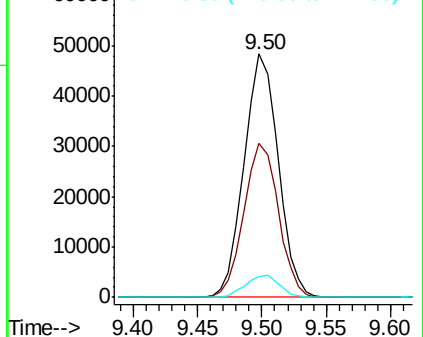
83 100

85 63.3 51.8 77.8

127 8.7 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): VY0



#48

Methyl methacrylate

Concen: 19.679 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

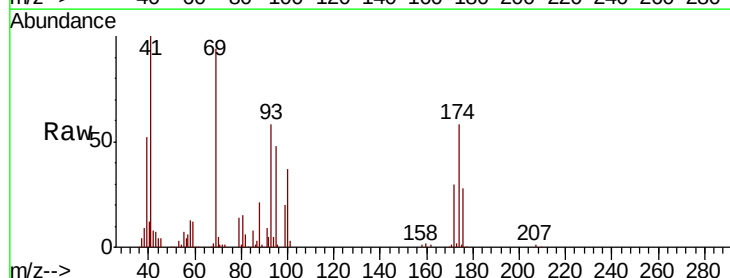
Tgt Ion: 41 Resp: 40674

Ion Ratio Lower Upper

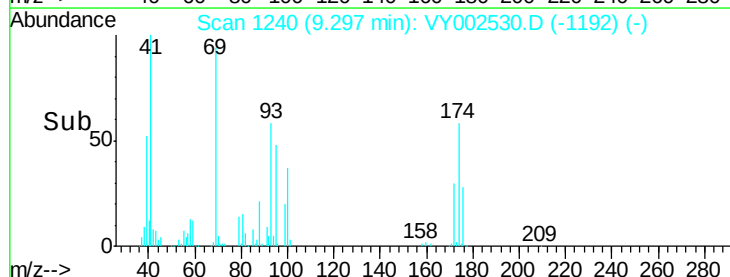
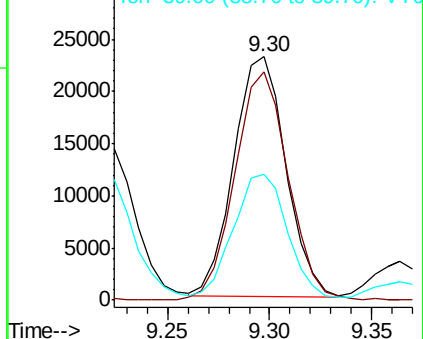
41 100

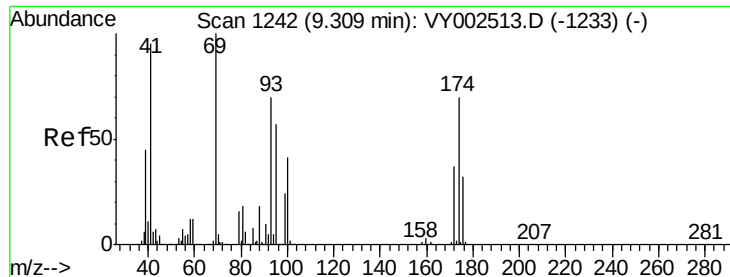
69 97.7 76.2 114.4

39 55.5 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: 444.521 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampled :

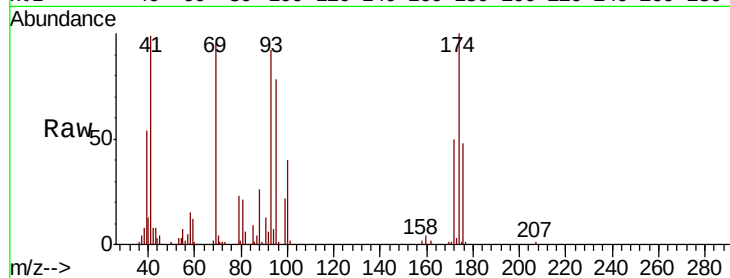
Tot Ion: 88 Resp: 11190

Ion Ratio Lower Upper

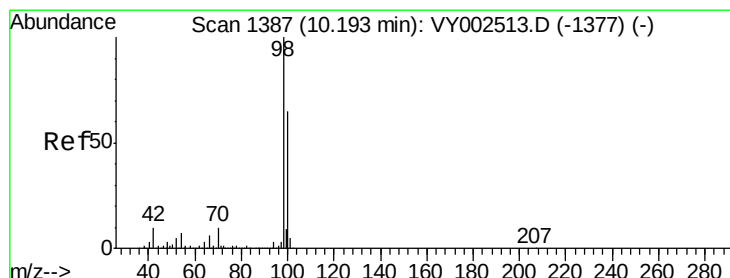
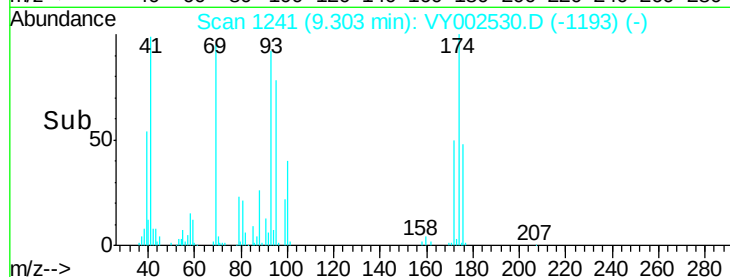
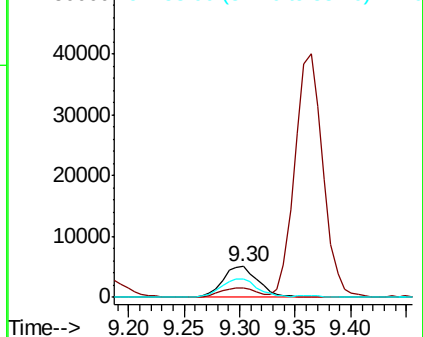
88 100

43 33.6 22.8 34.2

58 61.2 51.4 77.2



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



#50

Toluene-d8

Concen: 49.669 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002530.D

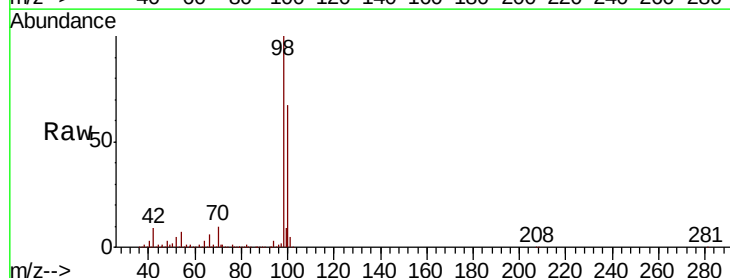
Acq: 04 May 2020 11:13

Tgt Ion: 98 Resp: 627297

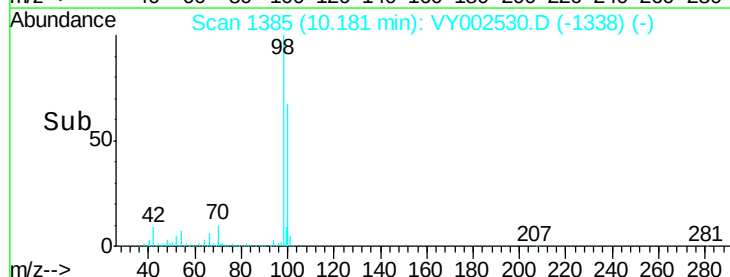
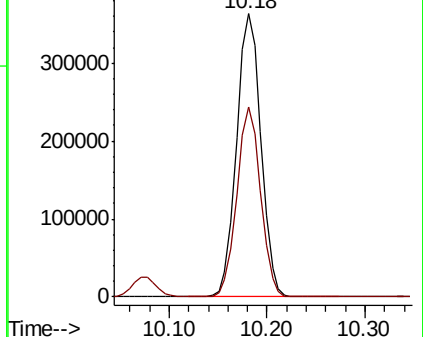
Ion Ratio Lower Upper

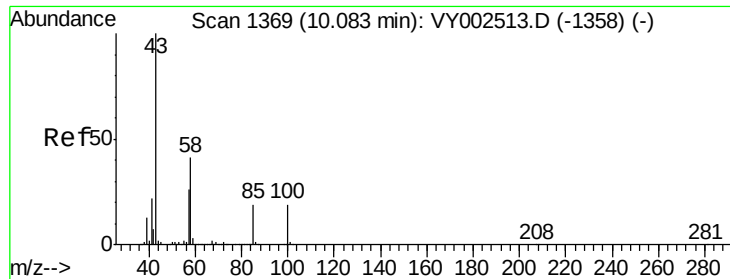
98 100

100 65.2 52.2 78.2



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

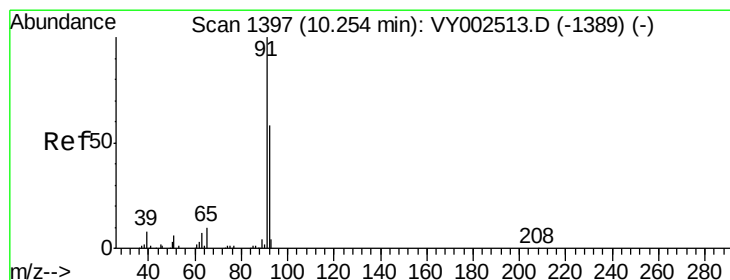
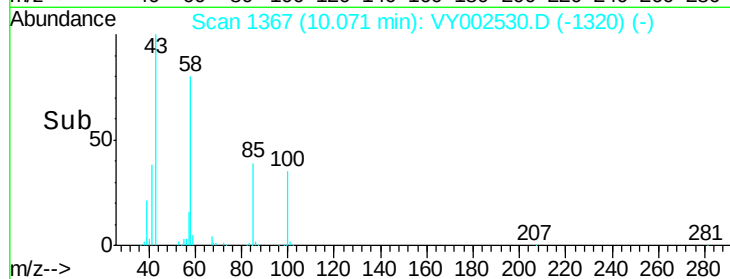
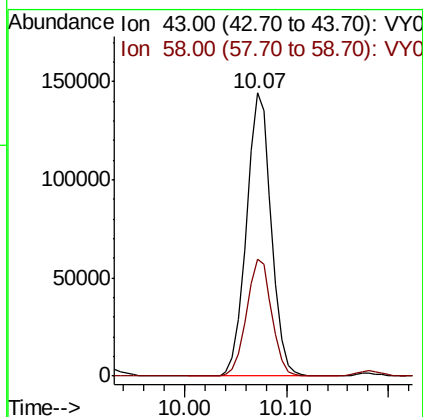
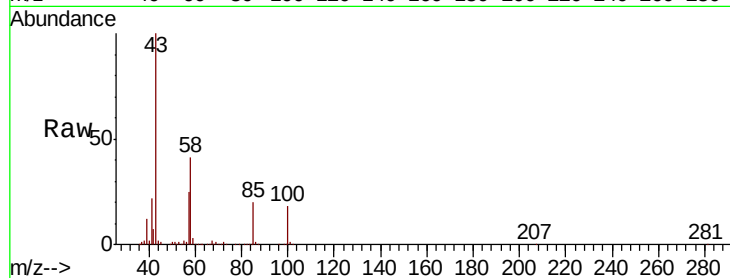




#51
 4-Methyl-2-Pentanone
 Concen: 103.950 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

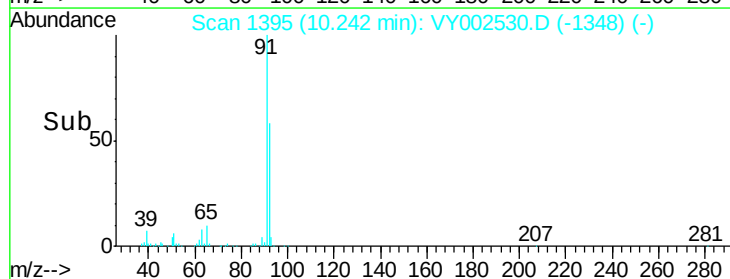
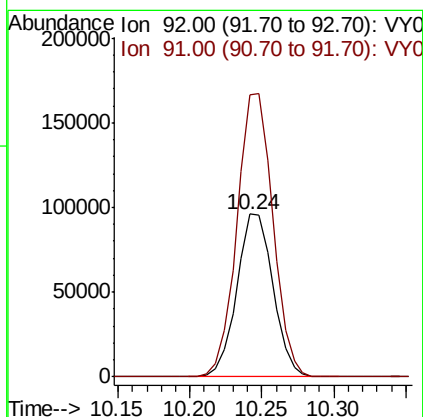
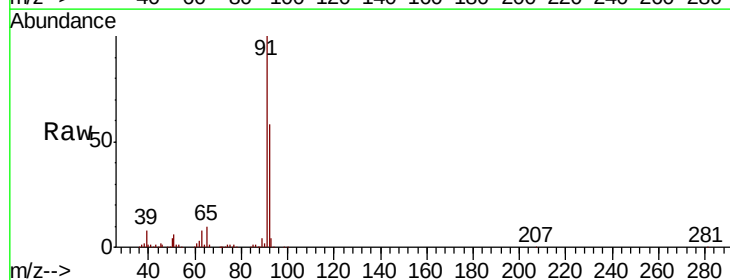
Instrument :
 MSVOA_Y
 ClientSampleId :

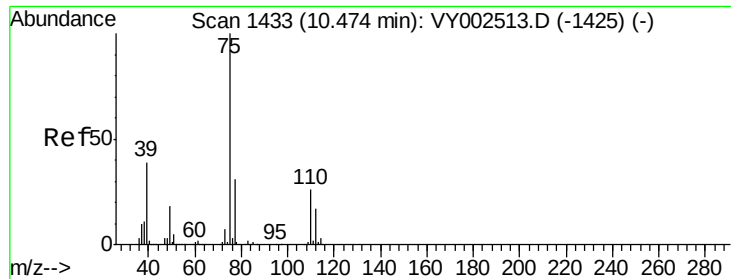
Tot Ion: 43 Resp: 244695
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.2 49.8



#52
 Toluene
 Concen: 19.080 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion: 92 Resp: 167895
 Ion Ratio Lower Upper
 92 100
 91 172.5 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.746 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

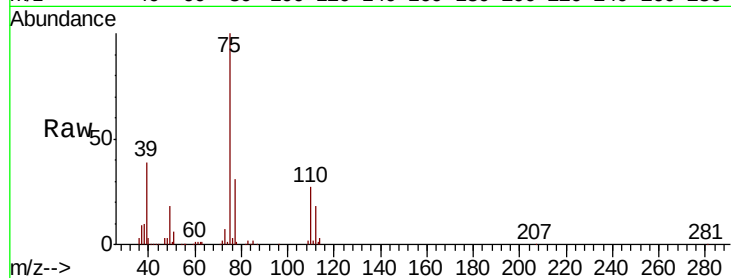
ClientSampleId :

Tot Ion: 75 Resp: 95642

Ion Ratio Lower Upper

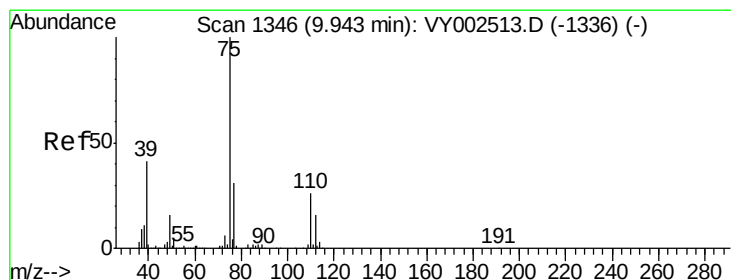
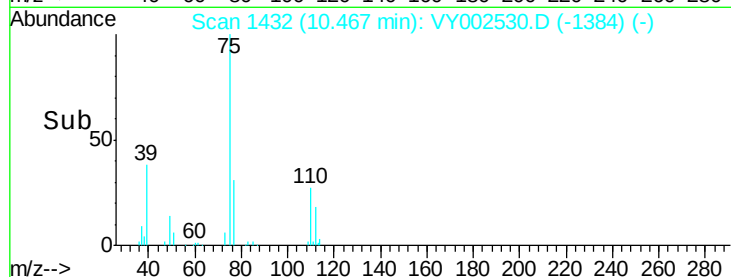
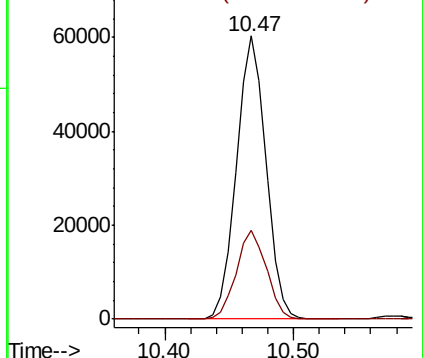
75 100

77 31.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.615 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

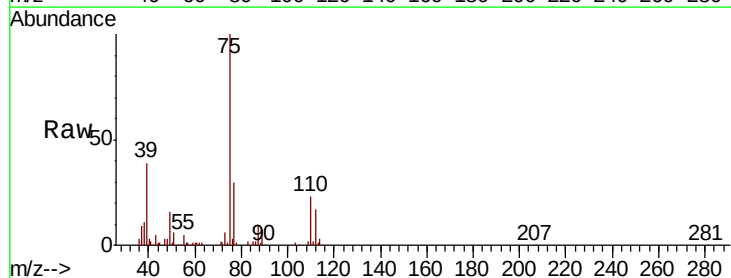
Tgt Ion: 75 Resp: 109836

Ion Ratio Lower Upper

75 100

77 29.7 25.1 37.7

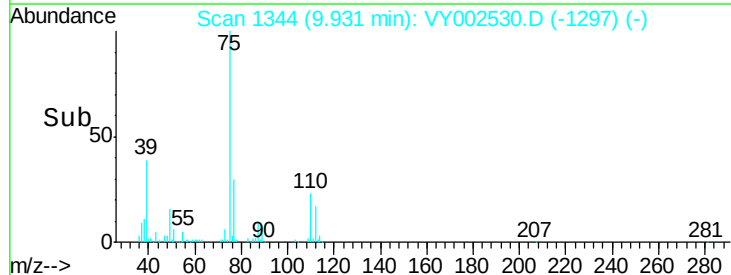
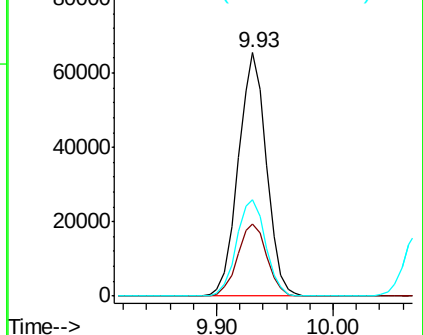
39 39.5 32.7 49.1

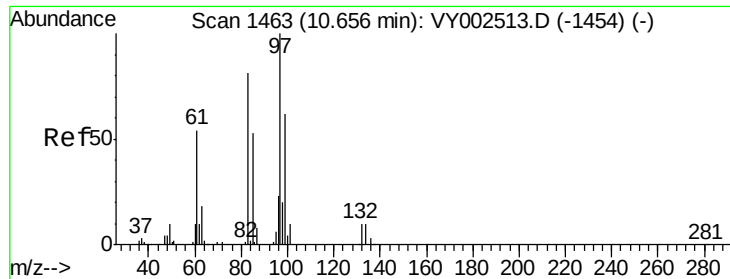


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

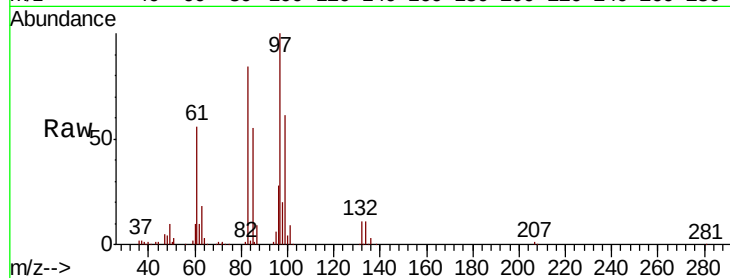




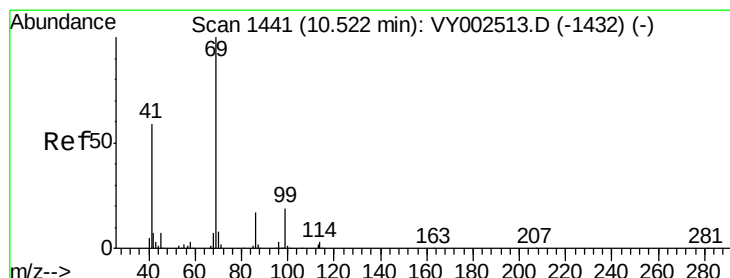
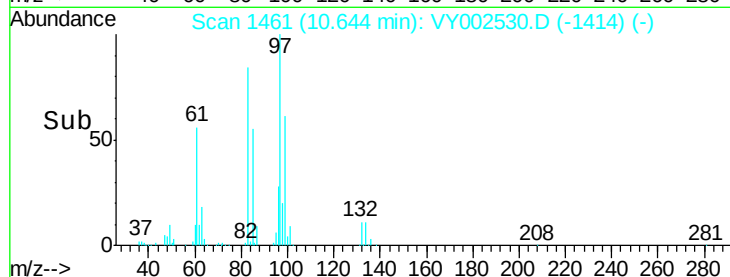
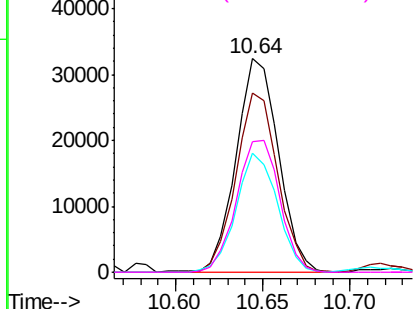
#55
 1,1,2-Trichloroethane
 Concen: 19.599 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 54339
 Ion Ratio Lower Upper
 97 100
 83 84.2 65.1 97.7
 85 55.6 42.7 64.1
 99 61.3 50.0 75.0

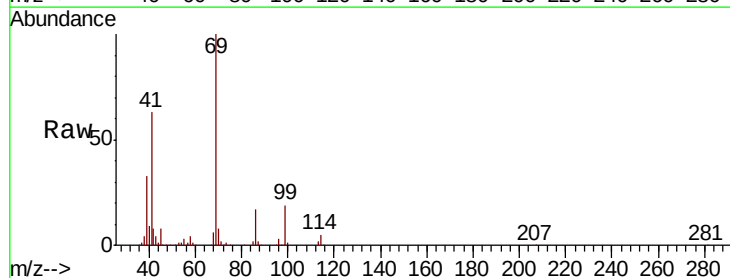


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

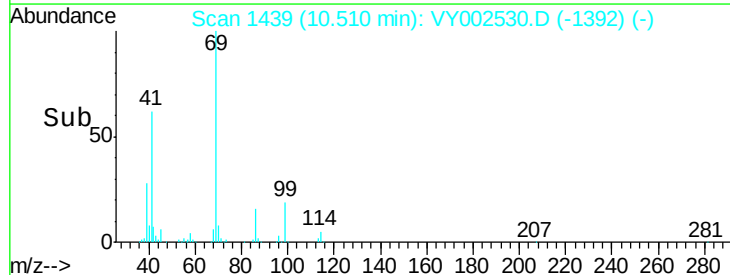
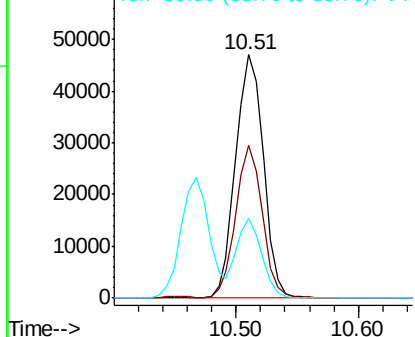


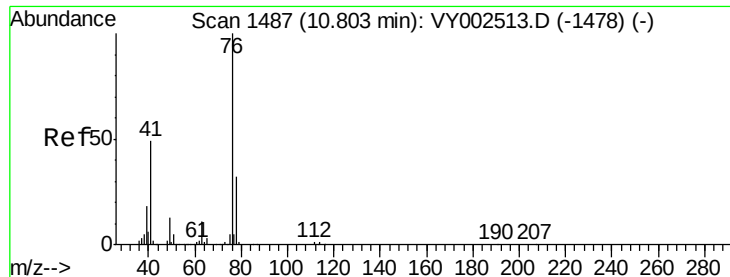
#56
 Ethyl methacrylate
 Concen: 20.137 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion: 69 Resp: 74274
 Ion Ratio Lower Upper
 69 100
 41 59.9 48.6 73.0
 39 30.0 25.0 37.4



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





#57

1,3-Dichloropropane

Concen: 19.817 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

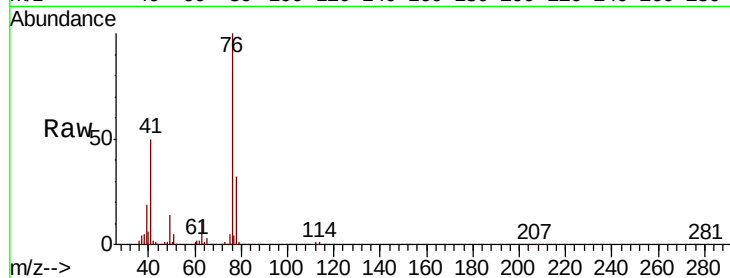
ClientSampleId :

Tot Ion: 76 Resp: 93178

Ion Ratio Lower Upper

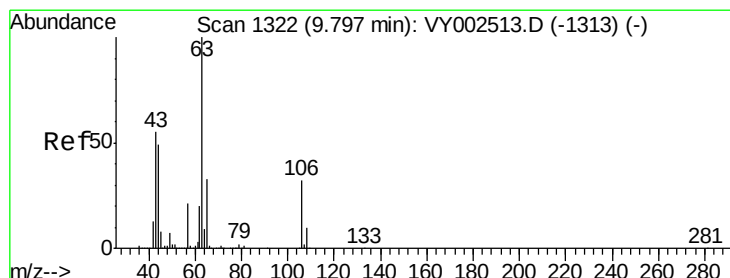
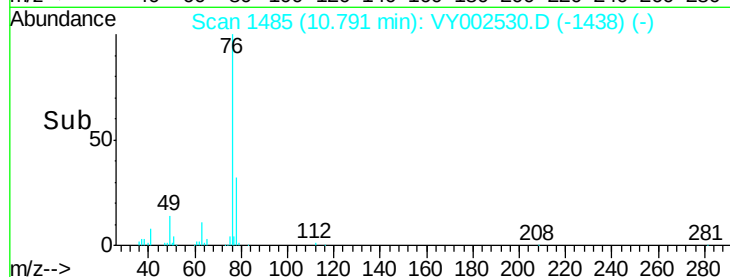
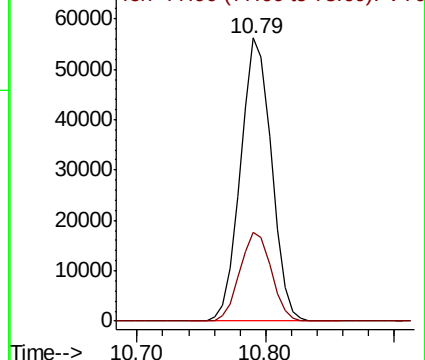
76 100

78 32.0 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 105.013 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002530.D

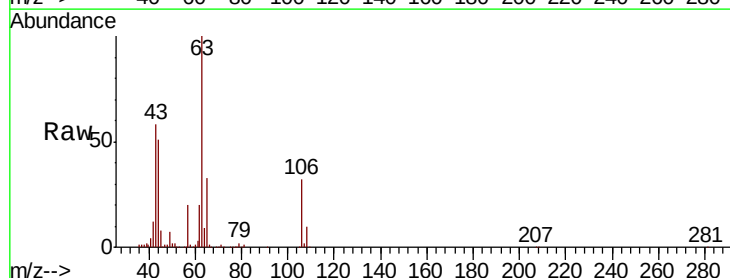
Acq: 04 May 2020 11:13

Tgt Ion: 63 Resp: 204258

Ion Ratio Lower Upper

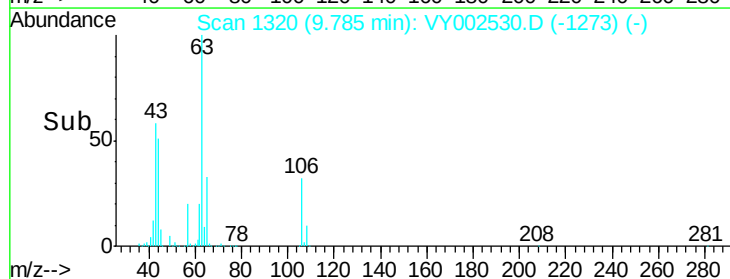
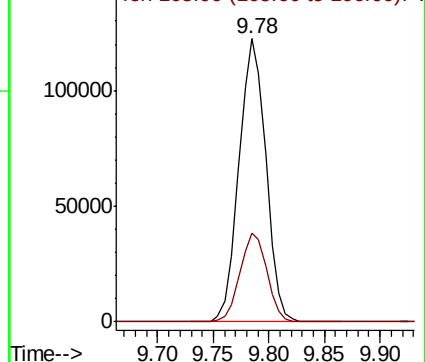
63 100

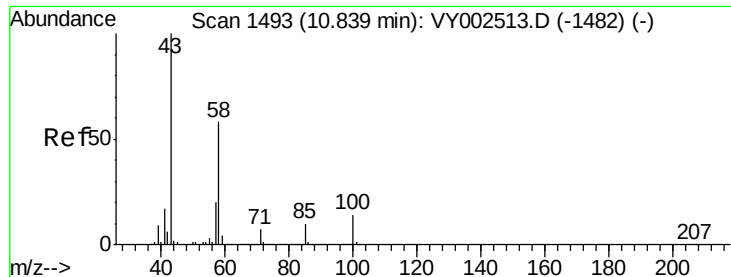
106 31.5 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

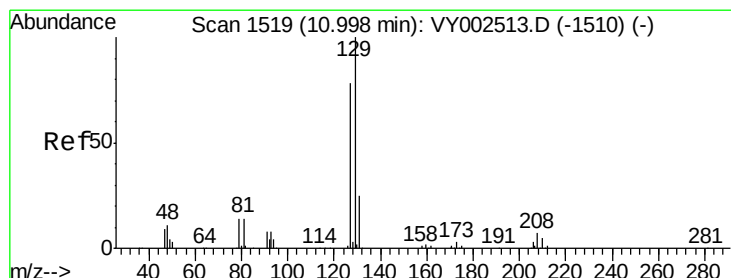
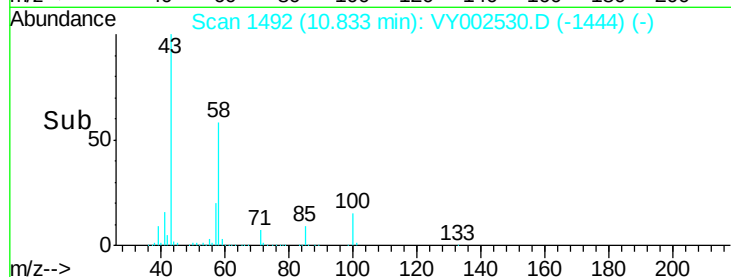
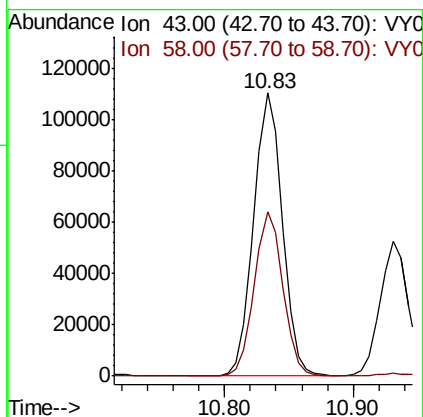
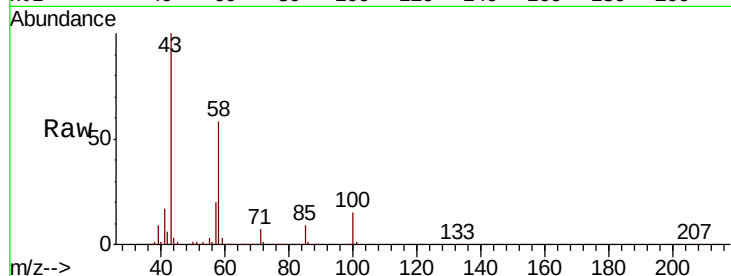




#59
2-Hexanone
Concen: 104.921 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

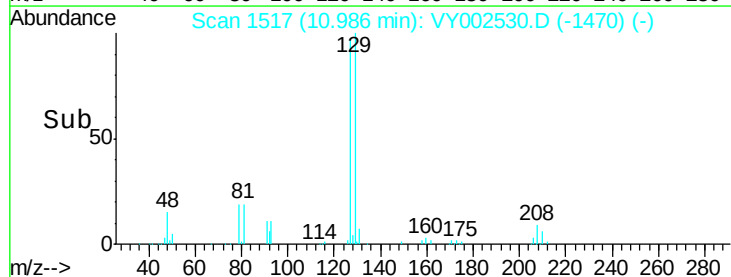
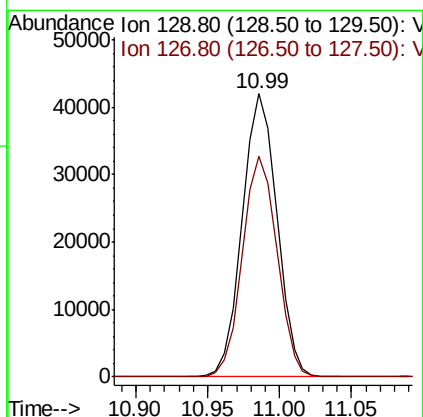
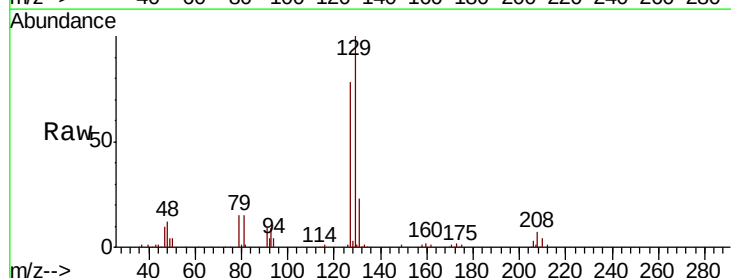
Instrument :
MSVOA_Y
ClientSampleId :

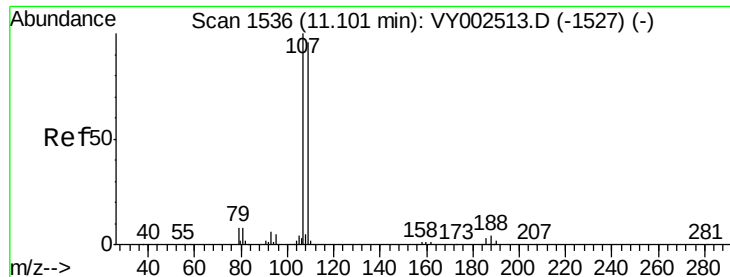
Tot Ion: 43 Resp: 169990
Ion Ratio Lower Upper
43 100
58 57.8 29.1 87.3



#60
Dibromochloromethane
Concen: 19.946 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion: 129 Resp: 70337
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

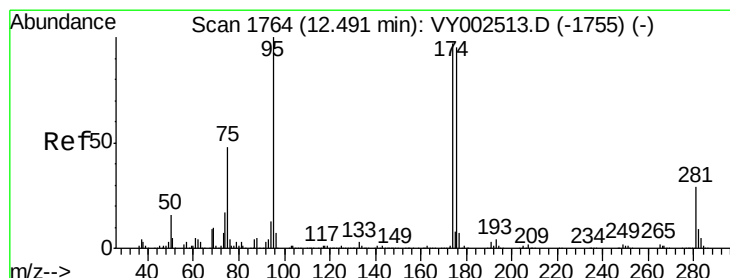
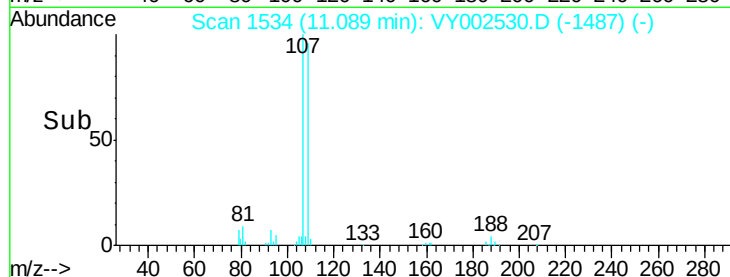
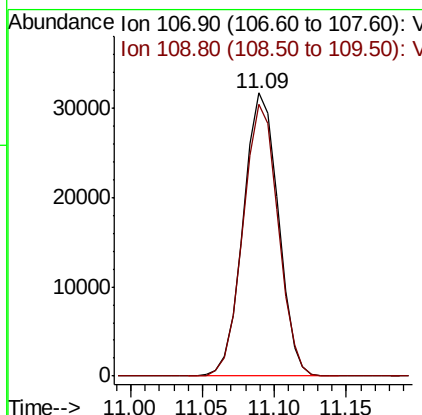
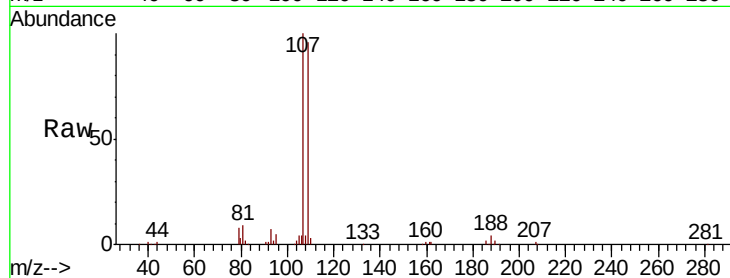




#61
 1,2-Dibromoethane
 Concen: 19.441 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

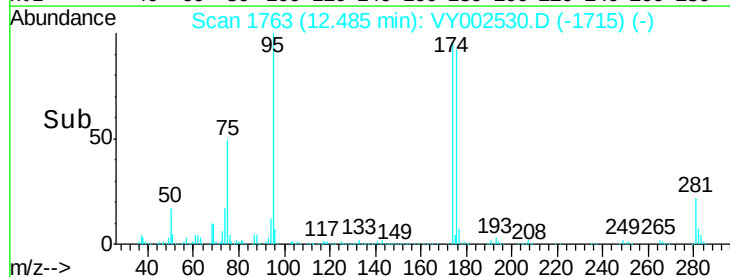
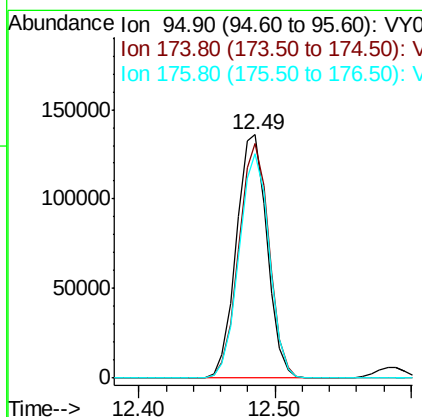
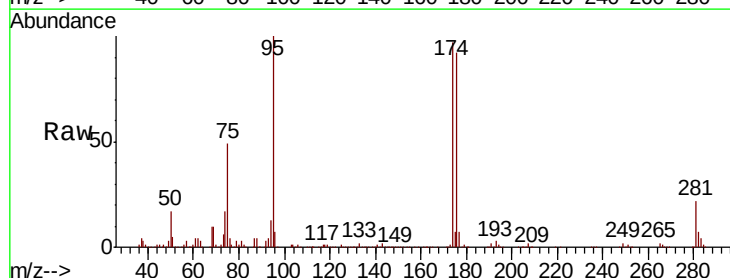
Instrument :
 MSVOA_Y
 ClientSampleId :

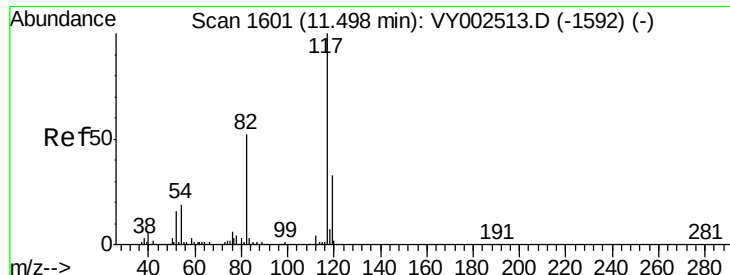
Tot Ion: 107 Resp: 53371
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.845 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion: 95 Resp: 213612
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 188.8
 176 91.4 0.0 183.2

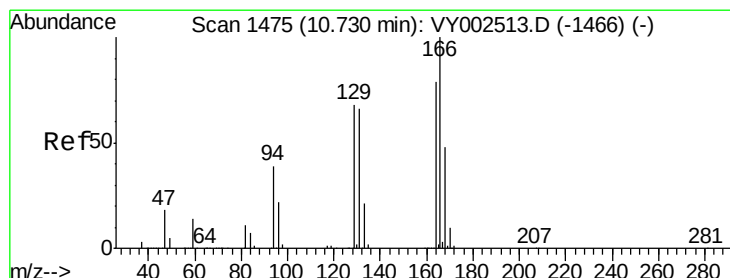
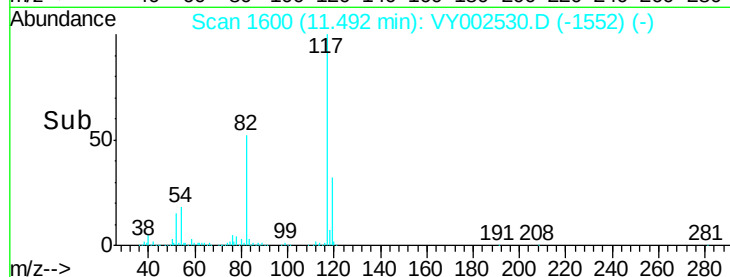
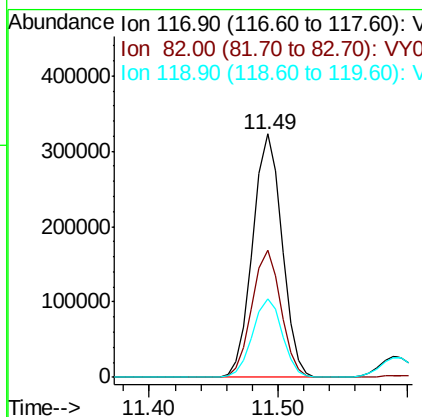
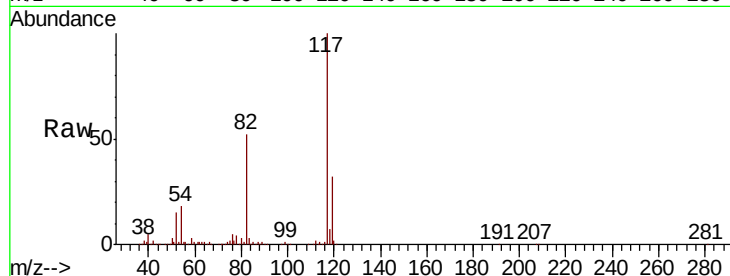




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

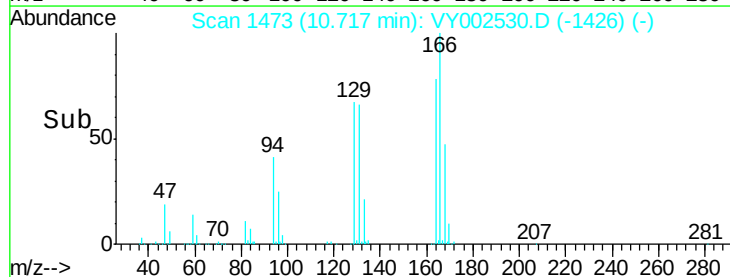
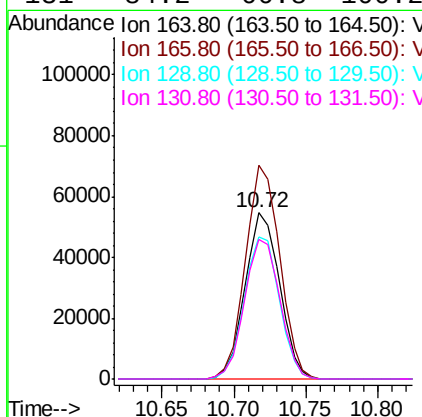
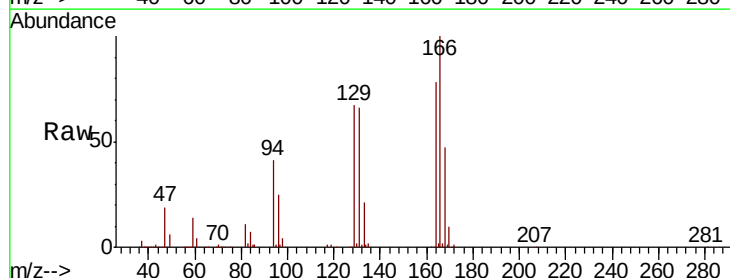
Instrument :
MSVOA_Y
ClientSampleId :

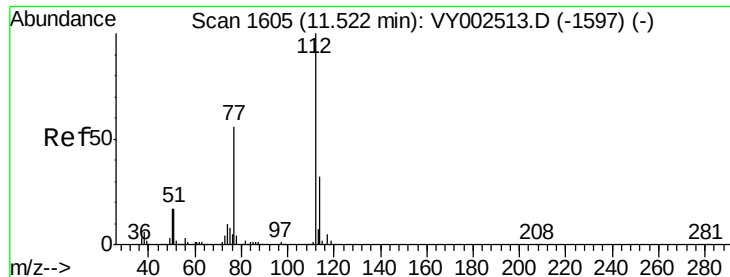
Tot Ion:117 Resp: 507517
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 20.075 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion:164 Resp: 90522
Ion Ratio Lower Upper
164 100
166 128.6 100.7 151.1
129 85.7 68.3 102.5
131 84.2 66.8 100.2

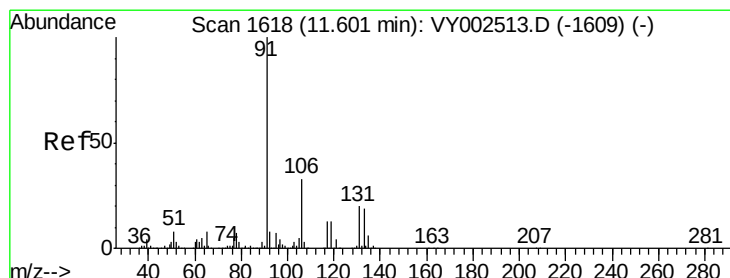
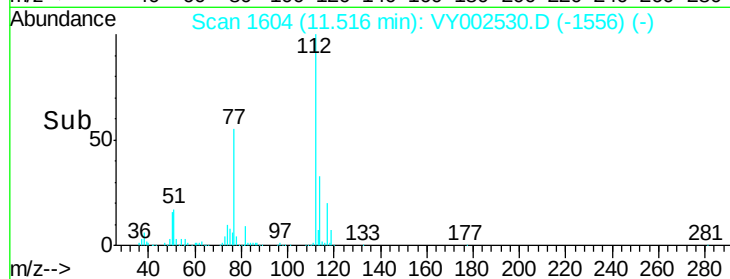
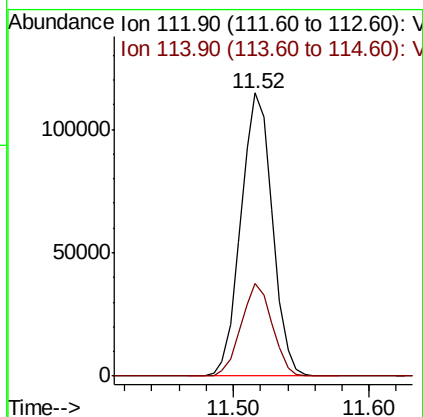
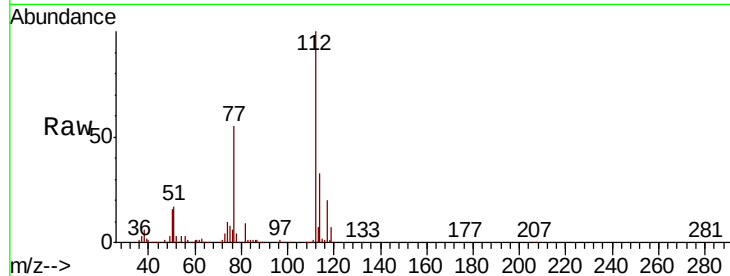




#65
Chlorobenzene
Concen: 19.240 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

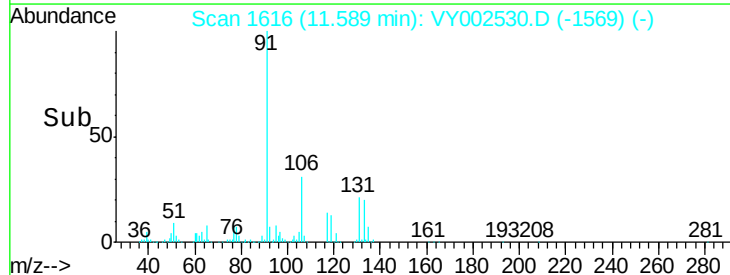
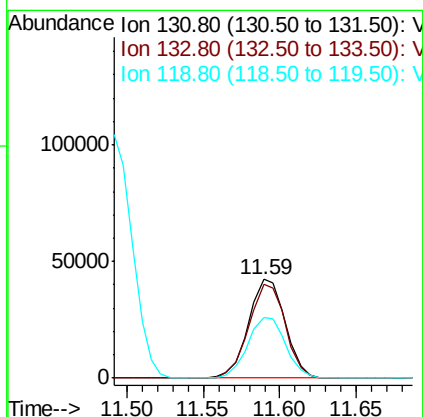
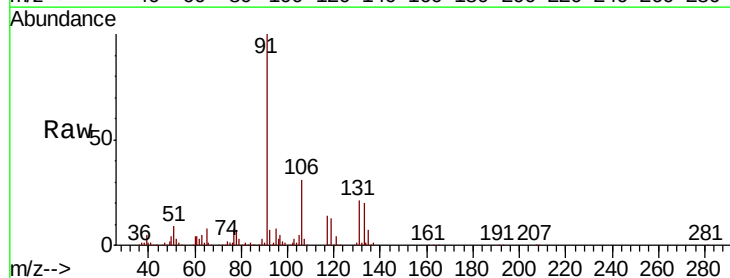
Instrument :
MSVOA_Y
ClientSampleId :

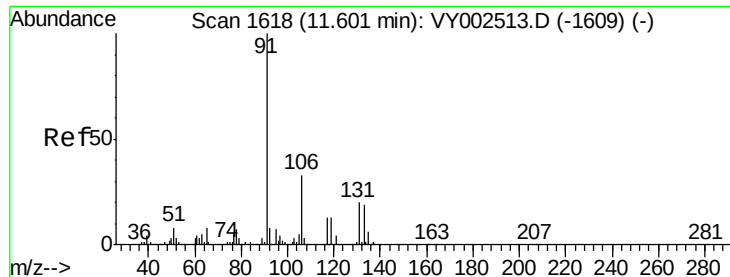
Tot Ion:112 Resp: 185622
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.824 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion:131 Resp: 70995
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 63.4 31.6 95.0

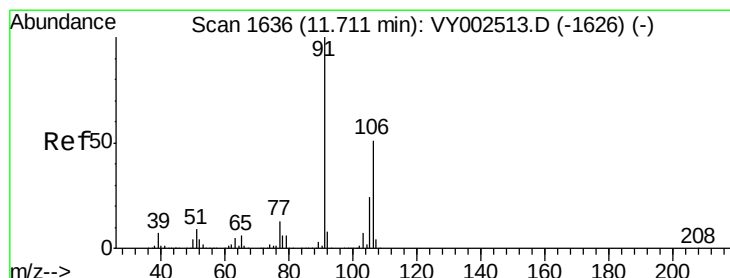
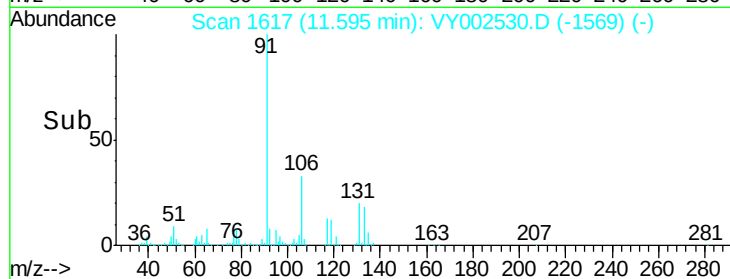
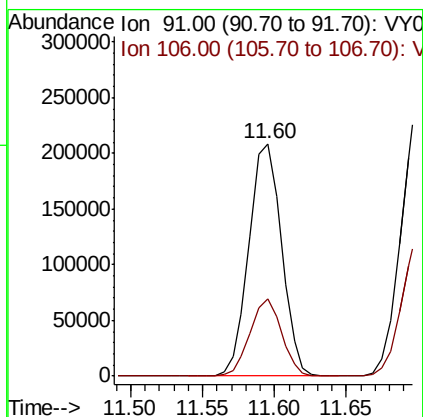
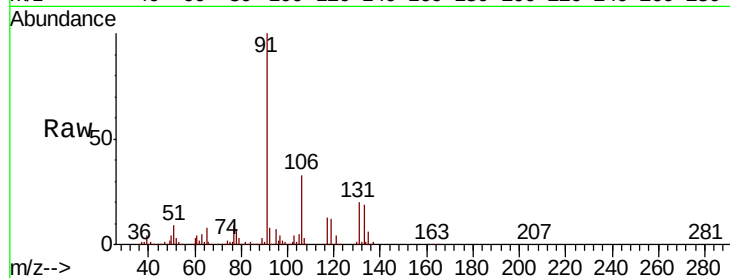




#67
Ethyl Benzene
Concen: 19.382 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

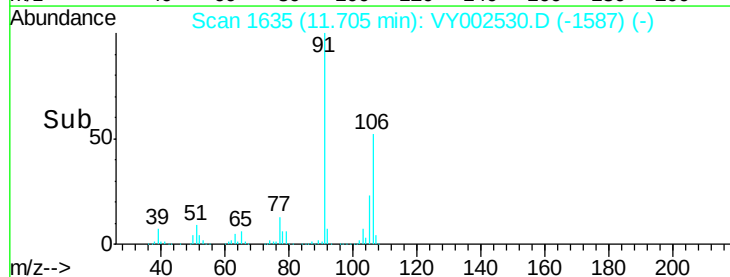
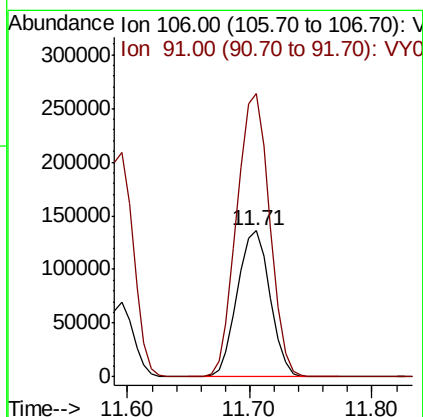
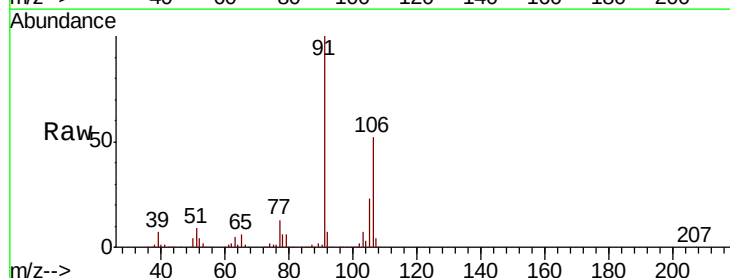
Instrument :
MSVOA_Y
ClientSampled :

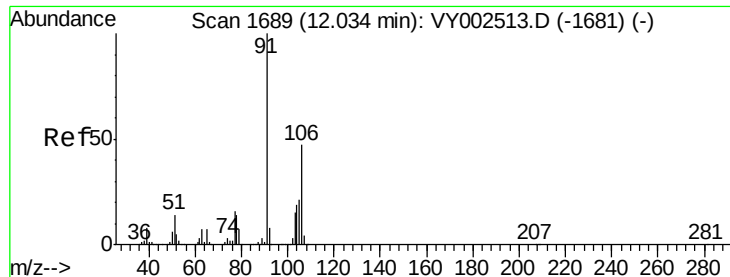
Tot Ion: 91 Resp: 328463
Ion Ratio Lower Upper
91 100
106 33.2 26.1 39.1



#68
m/p-Xylenes
Concen: 38.672 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion: 106 Resp: 253583
Ion Ratio Lower Upper
106 100
91 194.5 155.2 232.8

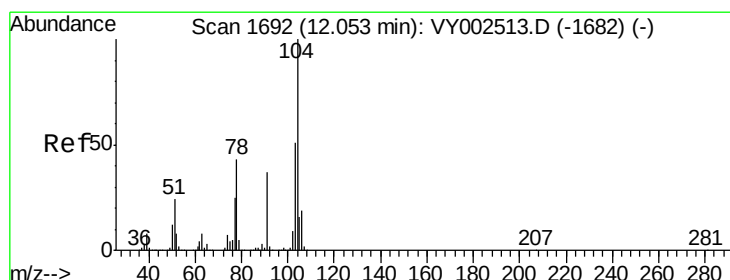
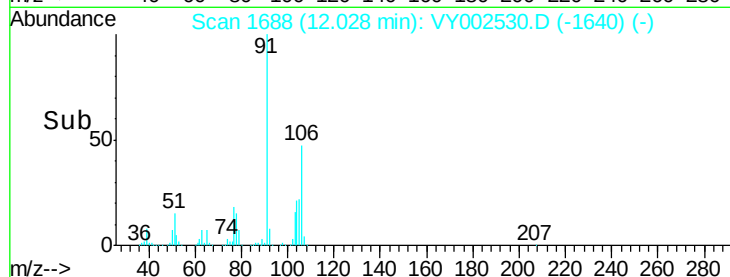
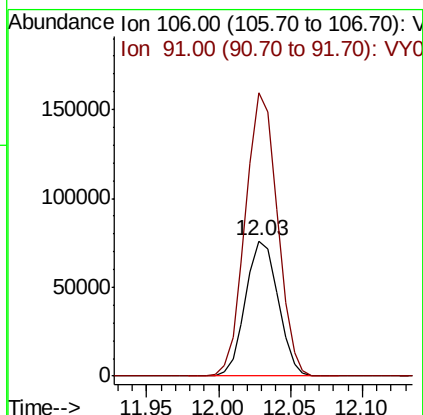
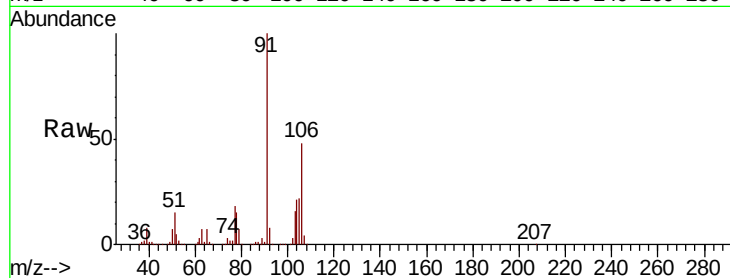




#69
o-Xylene
Concen: 19.461 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

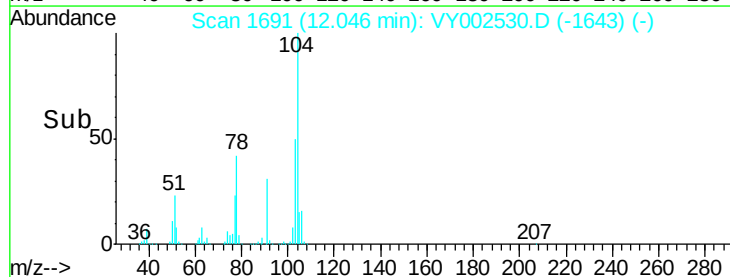
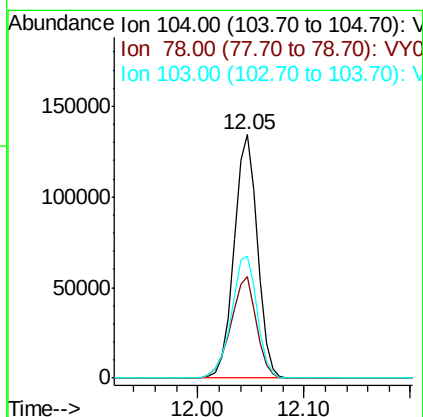
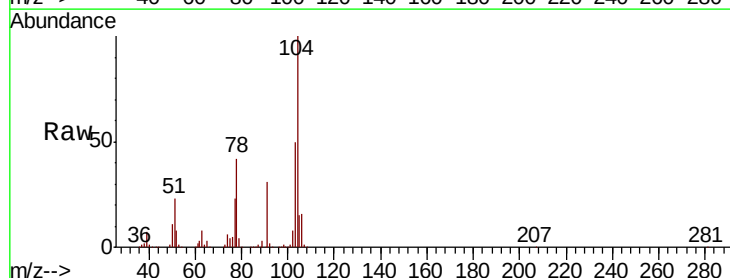
Instrument :
MSVOA_Y
ClientSampleId :

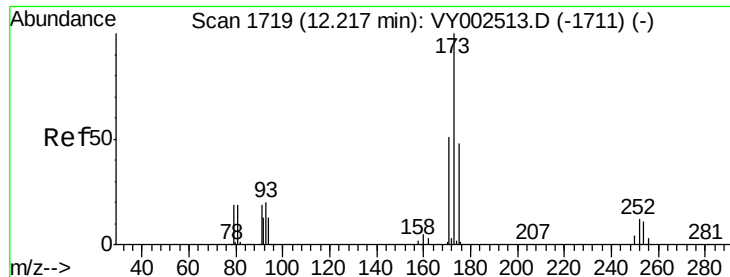
Tot Ion:106 Resp: 119484
Ion Ratio Lower Upper
106 100
91 206.0 103.8 311.3



#70
Styrene
Concen: 19.704 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion:104 Resp: 206811
Ion Ratio Lower Upper
104 100
78 45.7 37.4 56.0
103 55.1 43.9 65.9





#71

Bromoform

Concen: 21.055 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

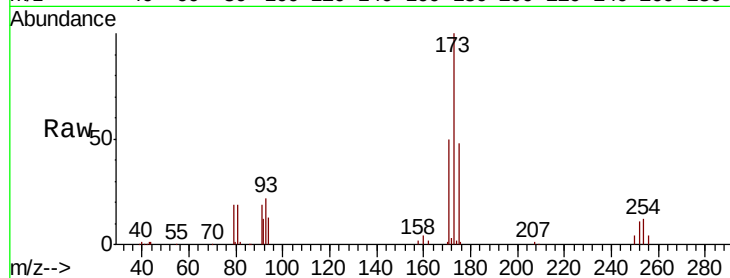
Tot Ion:173 Resp: 46802

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

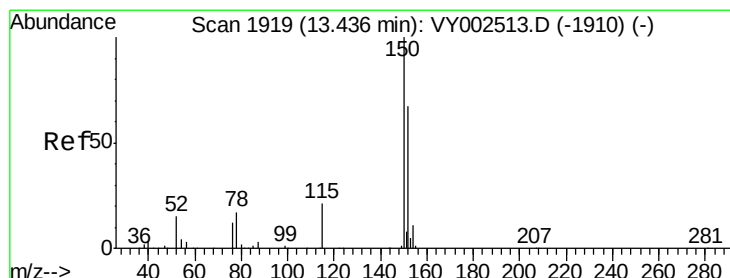
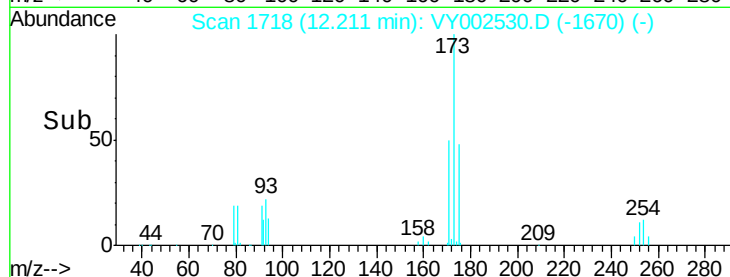
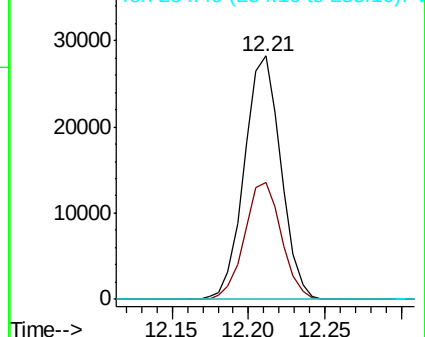
254 0.0 0.2 0.2#



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

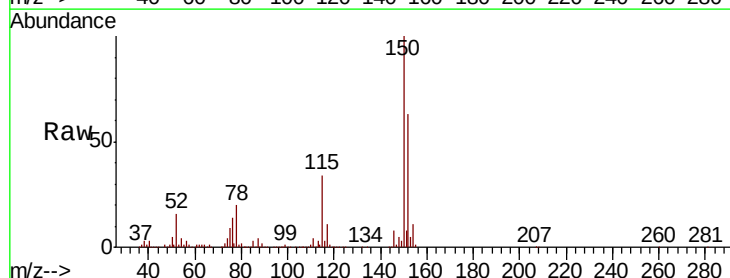
Tgt Ion:152 Resp: 267433

Ion Ratio Lower Upper

152 100

115 54.6 27.5 82.4

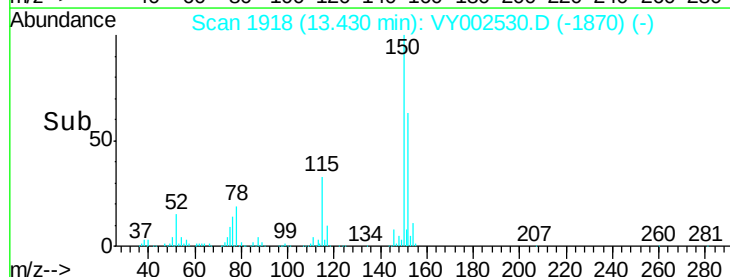
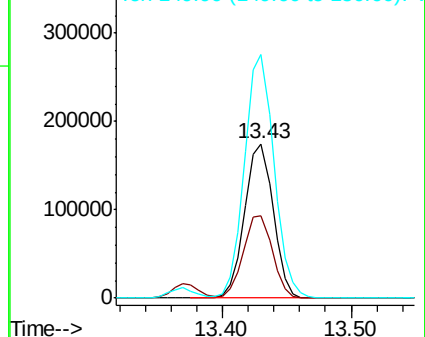
150 163.2 0.0 346.4

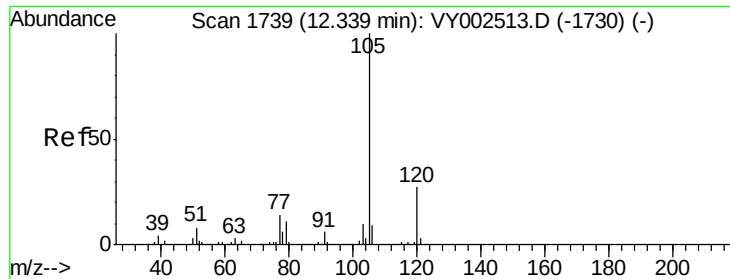


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.052 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

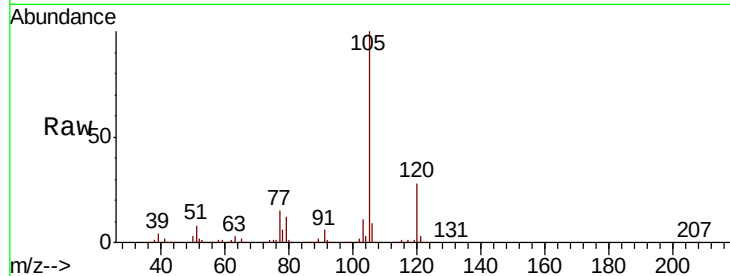
ClientSampleId :

Tot Ion:105 Resp: 330222

Ion Ratio Lower Upper

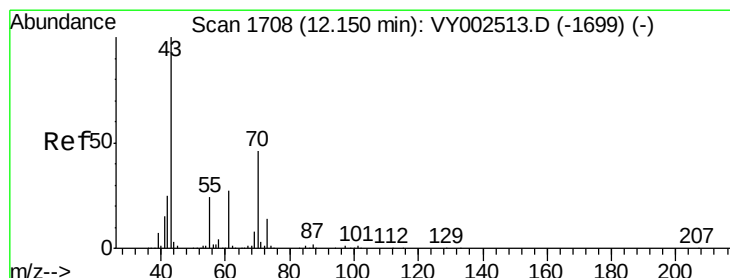
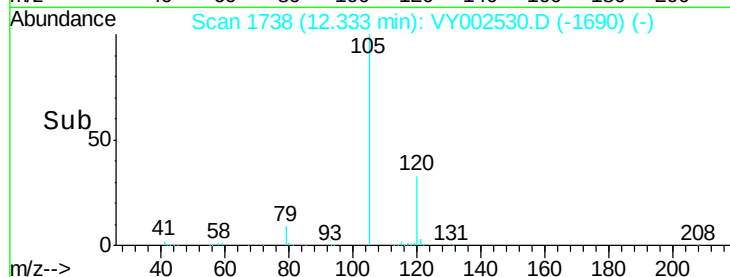
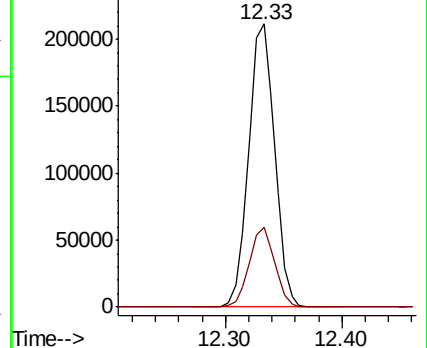
105 100

120 27.6 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: 20.421 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Tgt Ion: 43 Resp: 85143

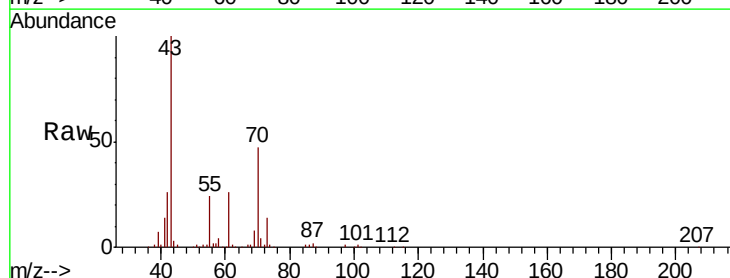
Ion Ratio Lower Upper

43 100

70 46.5 36.7 55.1

55 24.8 19.2 28.8

61 25.8 21.1 31.7

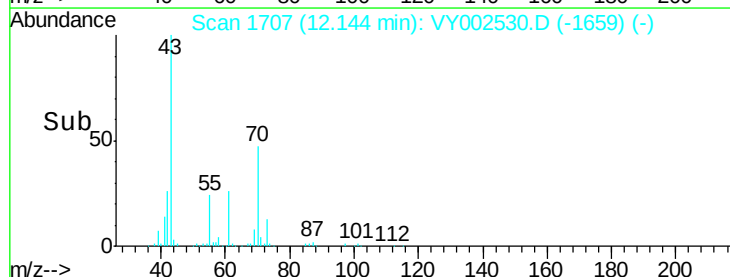
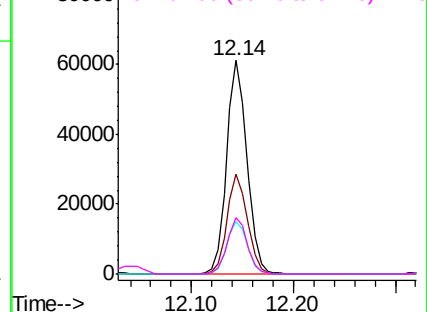


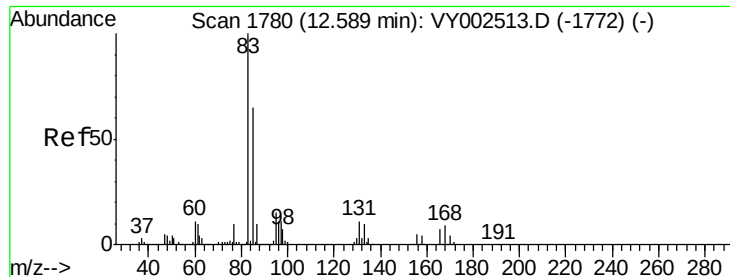
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 19.350 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampled :

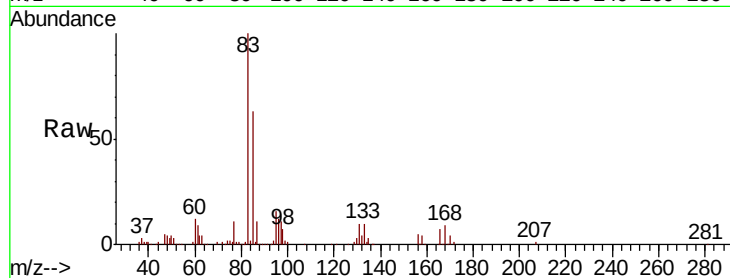
Tot Ion: 83 Resp: 53337

Ion Ratio Lower Upper

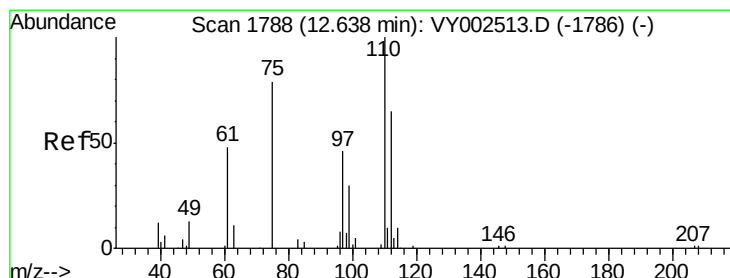
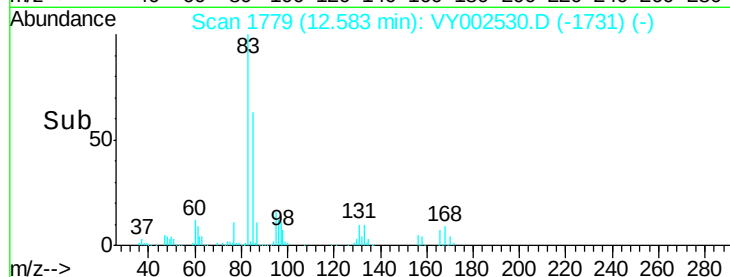
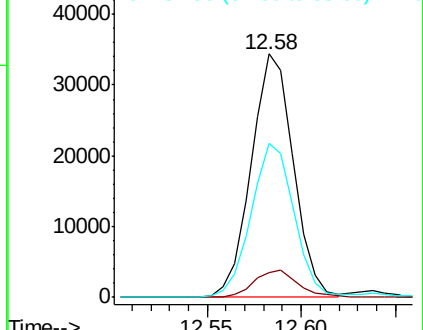
83 100

131 11.8 5.9 17.8

85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 35.129 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002530.D

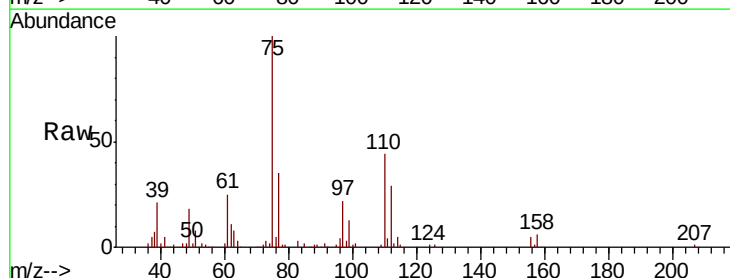
Acq: 04 May 2020 11:13

Tgt Ion: 75 Resp: 83487

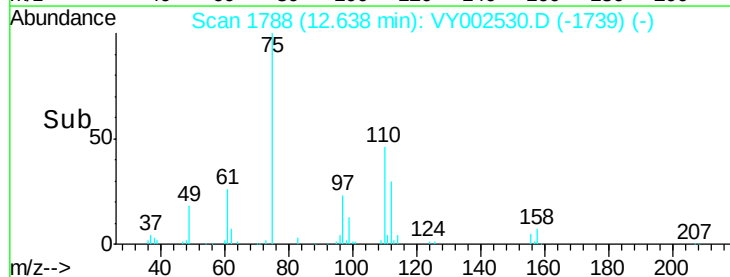
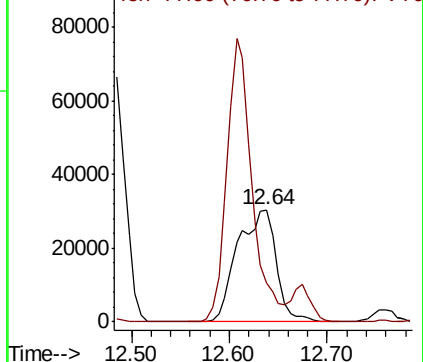
Ion Ratio Lower Upper

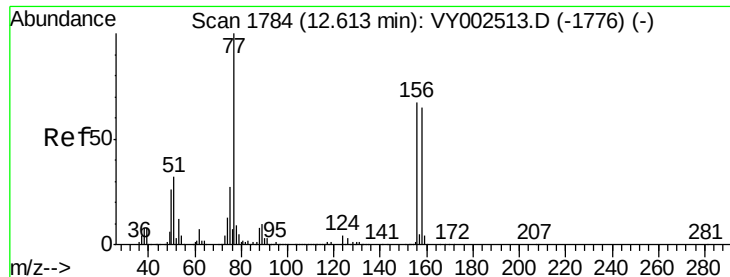
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.223 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

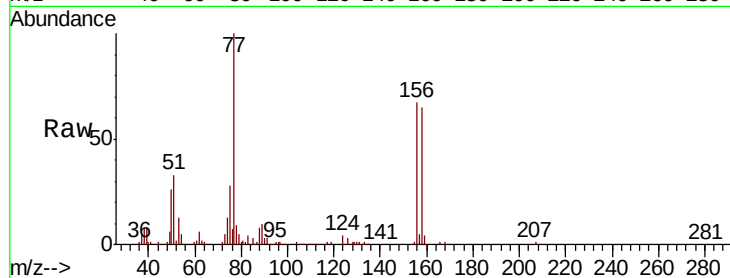
Tot Ion:156 Resp: 83242

Ion Ratio Lower Upper

156 100

77 165.1 82.0 245.8

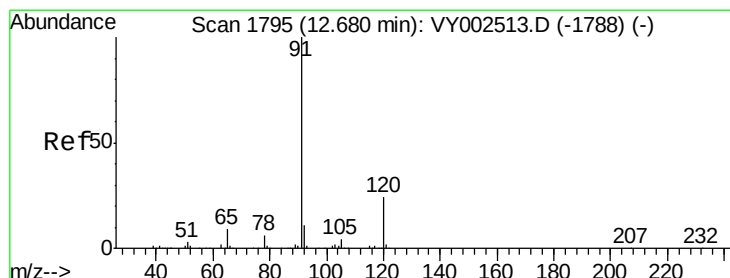
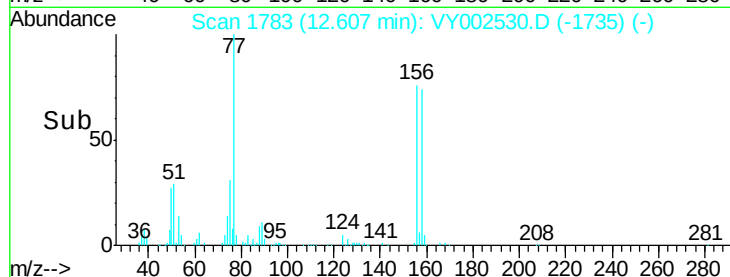
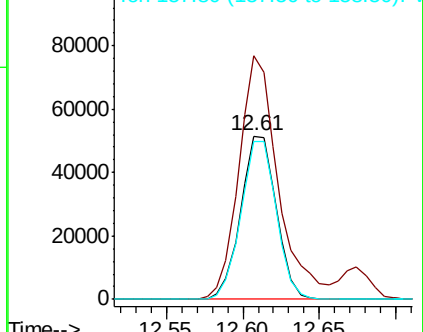
158 96.5 48.5 145.6



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: 19.146 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002530.D

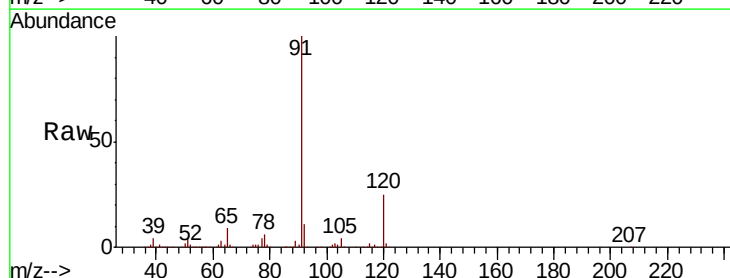
Acq: 04 May 2020 11:13

Tgt Ion: 91 Resp: 385104

Ion Ratio Lower Upper

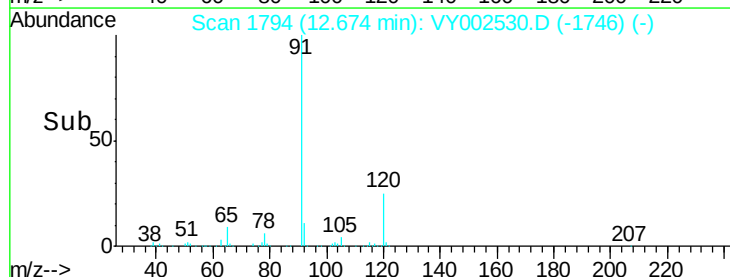
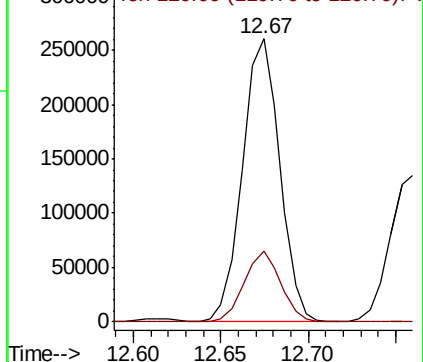
91 100

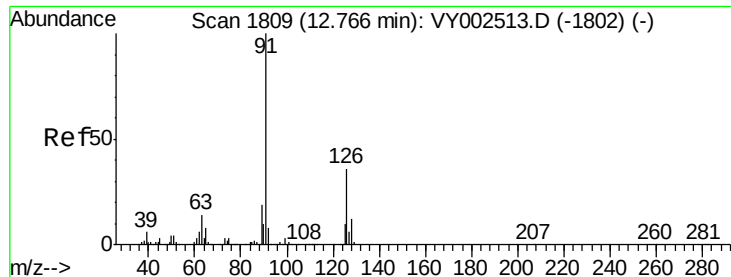
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

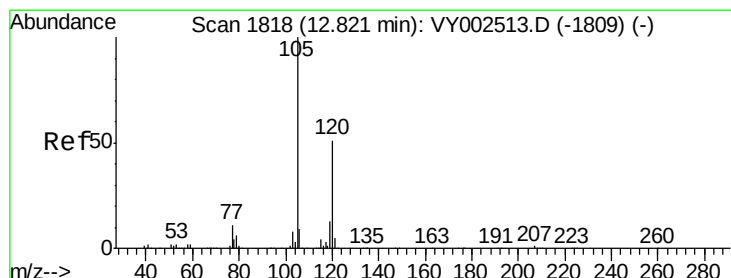
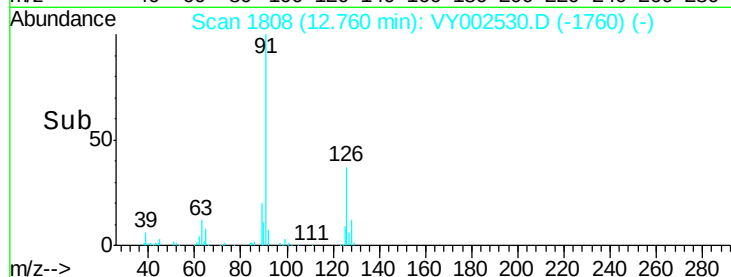
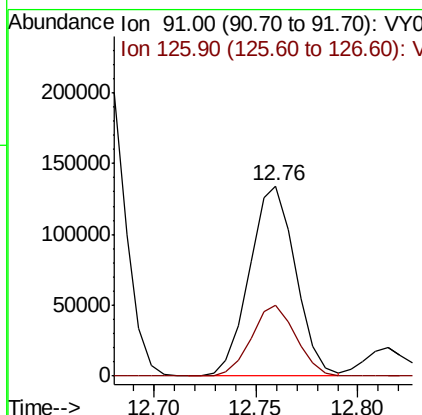
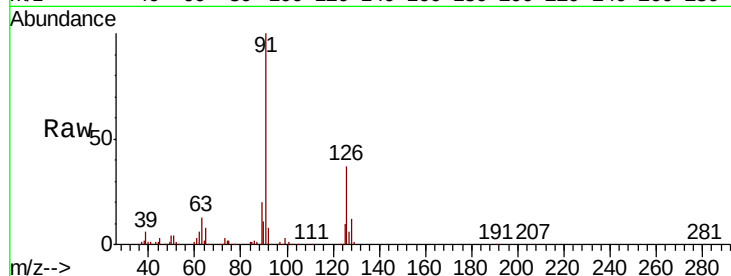




#79
 2-Chlorotoluene
 Concen: 18.952 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

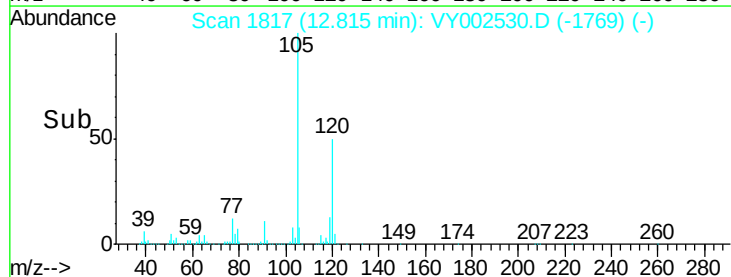
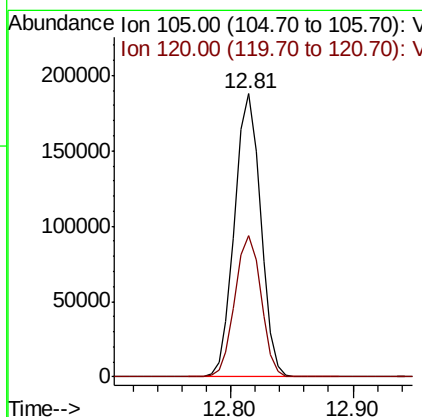
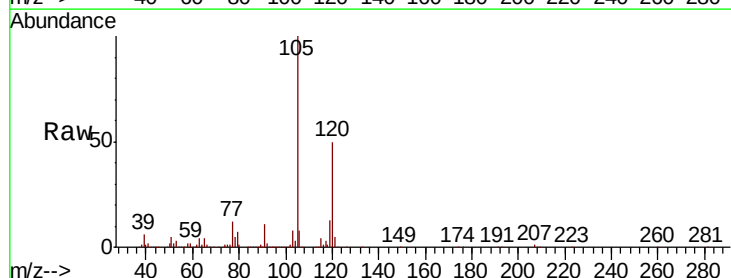
Instrument :
 MSVOA_Y
 ClientSampleId :

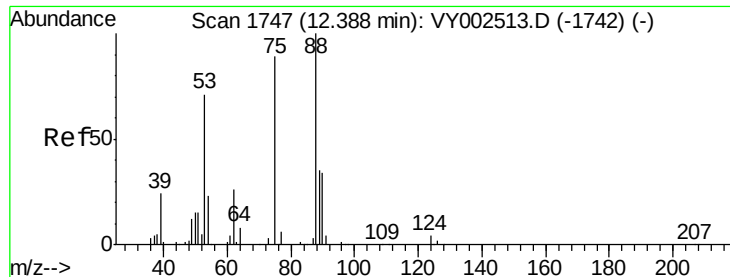
Tot Ion: 91 Resp: 211160
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.249 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion: 105 Resp: 276546
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.239 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampled :

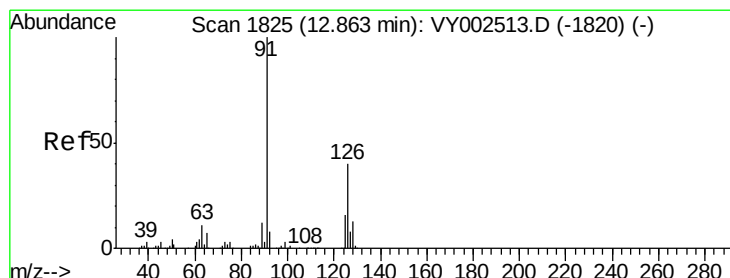
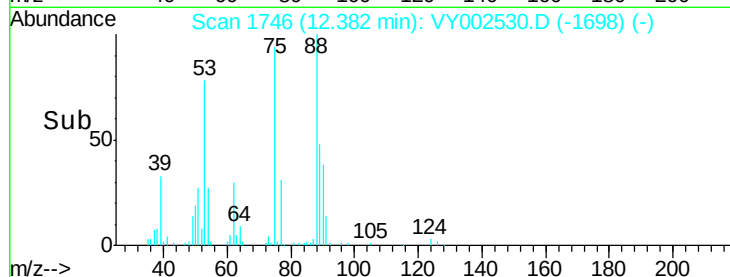
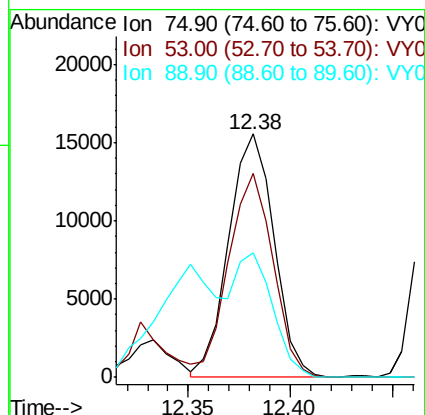
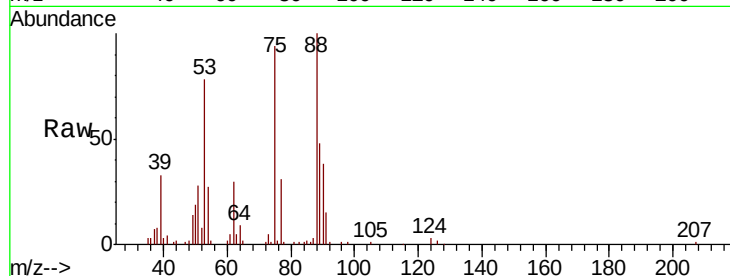
Tot Ion: 75 Resp: 23988

Ion Ratio Lower Upper

75 100

53 82.2 67.4 101.0

89 40.4 37.4 56.0



#82

4-Chlorotoluene

Concen: 19.070 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002530.D

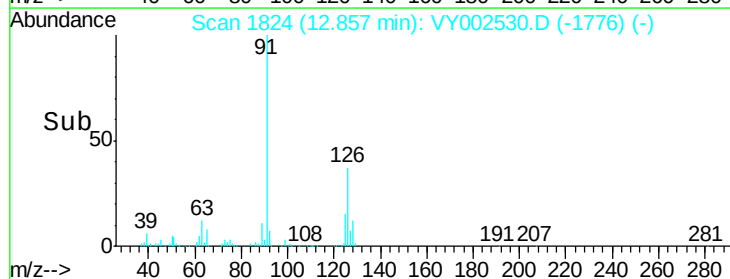
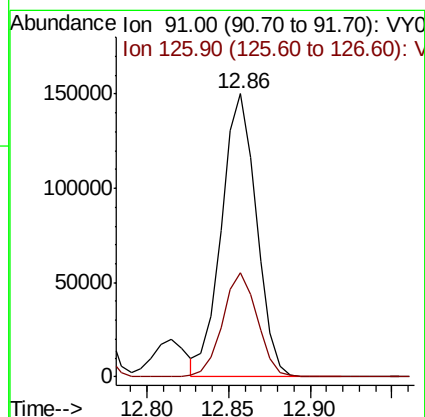
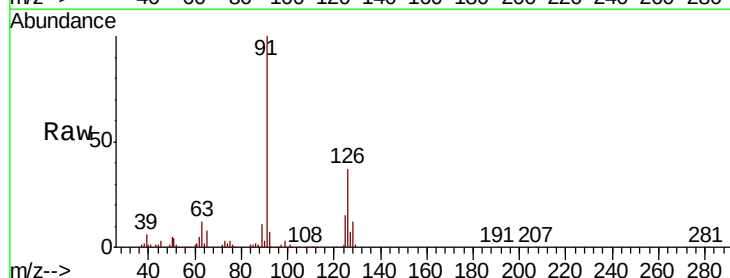
Acq: 04 May 2020 11:13

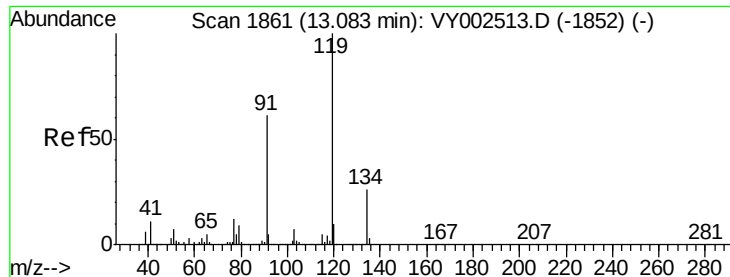
Tgt Ion: 91 Resp: 223179

Ion Ratio Lower Upper

91 100

126 36.6 18.5 55.5

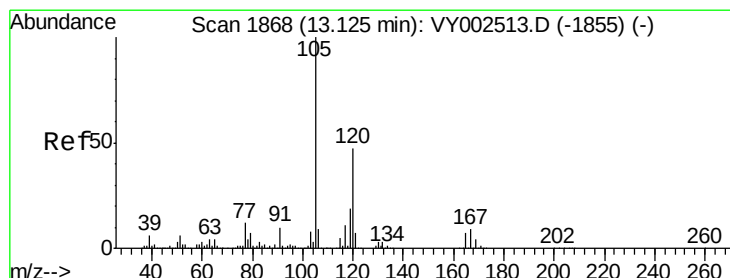
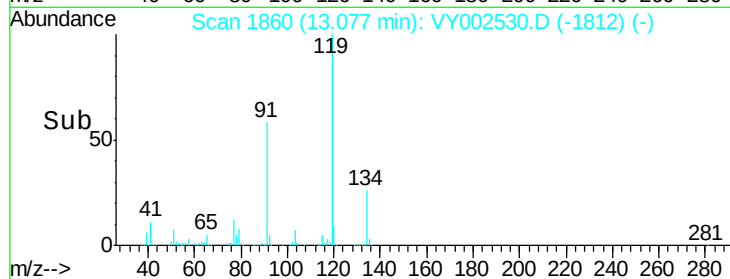
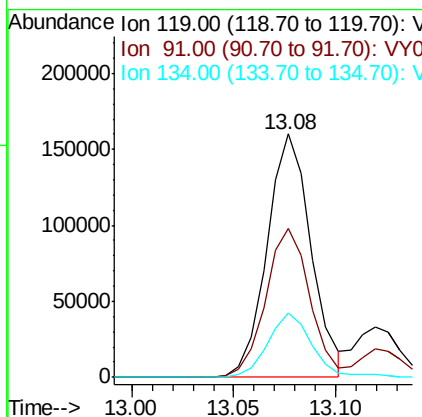
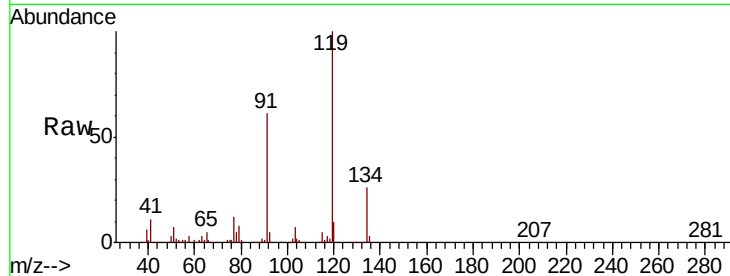




#83
tert-Butylbenzene
Concen: 19.070 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

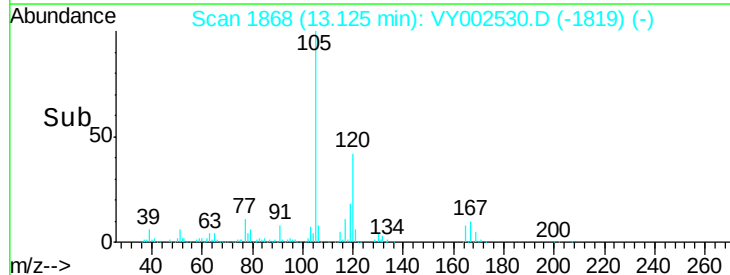
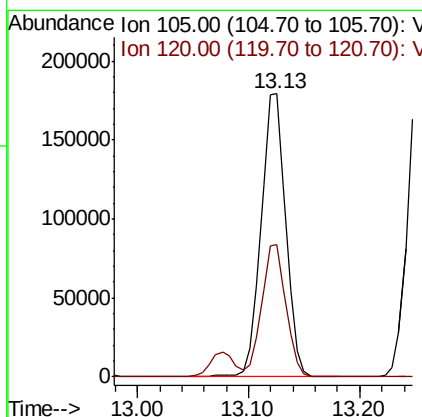
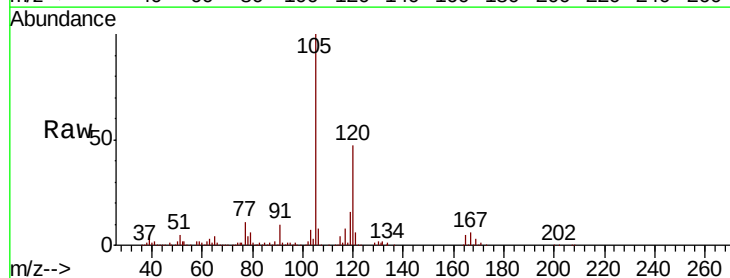
Instrument :
MSVOA_Y
ClientSampleId :

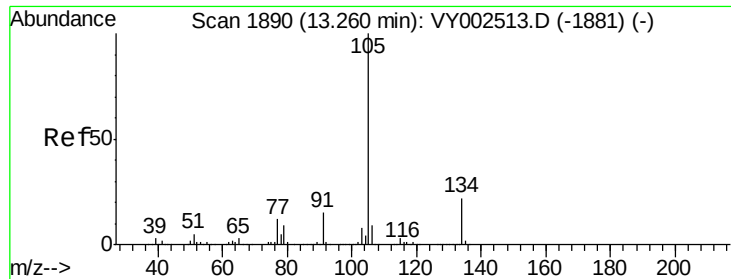
Tot Ion:119 Resp: 240228
Ion Ratio Lower Upper
119 100
91 61.1 30.6 91.6
134 26.8 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 19.443 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion:105 Resp: 278397
Ion Ratio Lower Upper
105 100
120 45.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 19.280 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

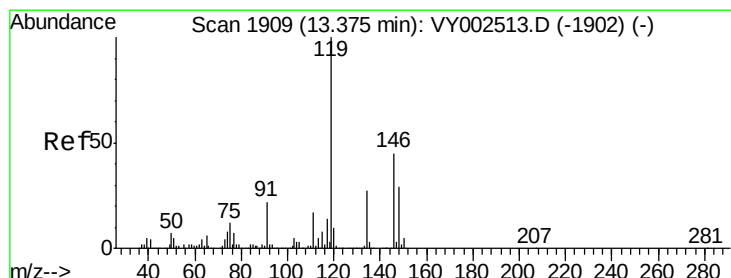
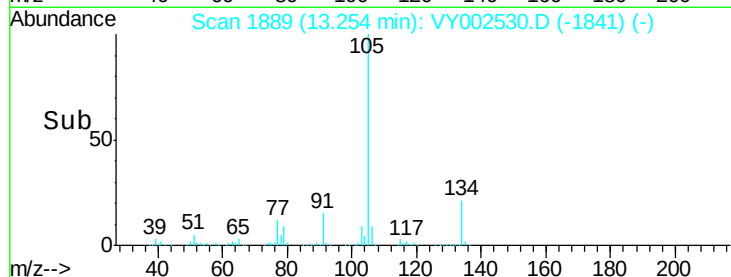
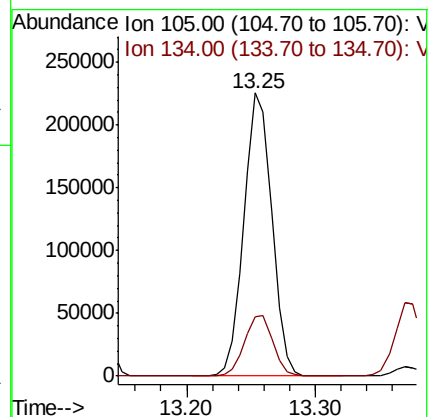
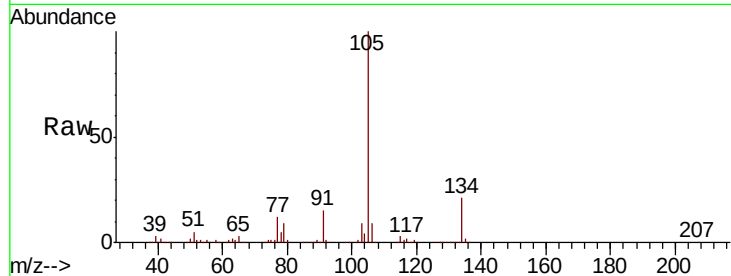
ClientSampled :

Tot Ion:105 Resp: 337030

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.3



#86

p-Isopropyltoluene

Concen: 19.267 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

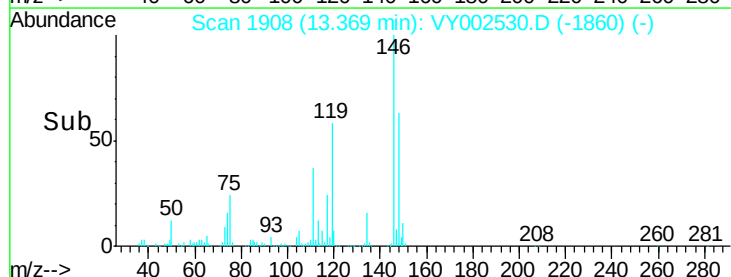
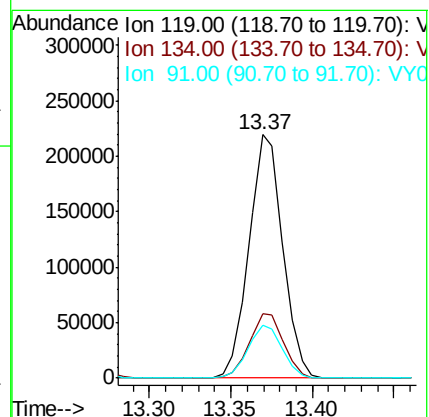
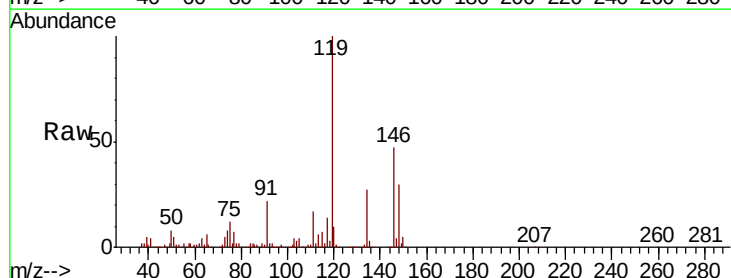
Tgt Ion:119 Resp: 315581

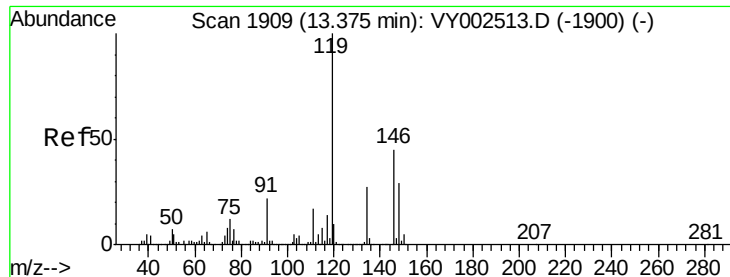
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.1 10.9 32.9

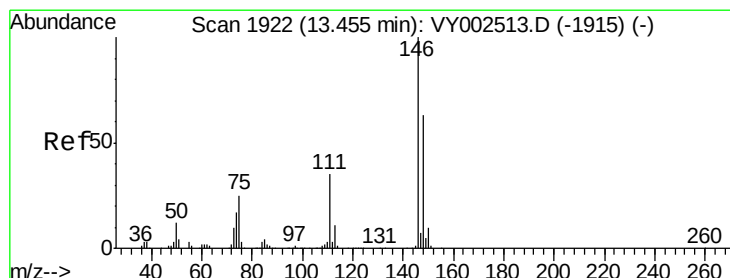
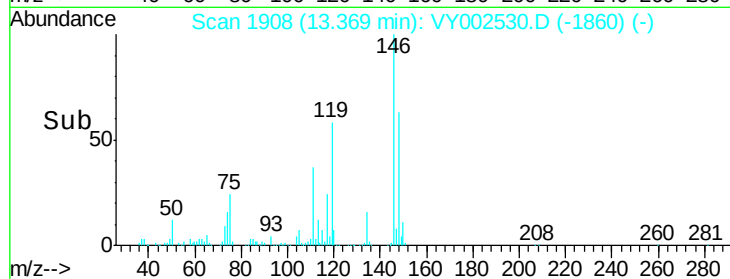
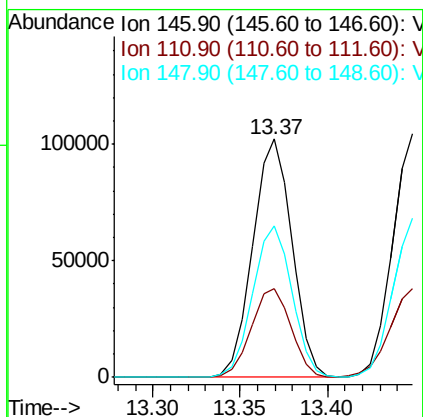
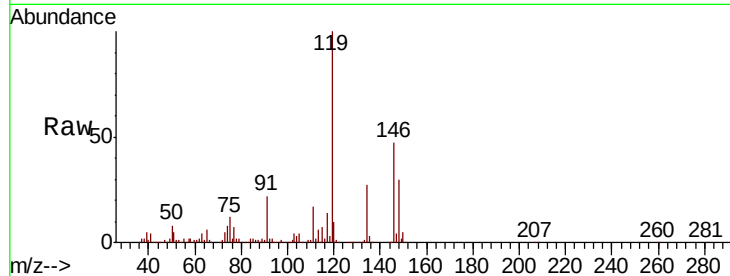




#87
 1,3-Dichlorobenzene
 Concen: 19.419 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

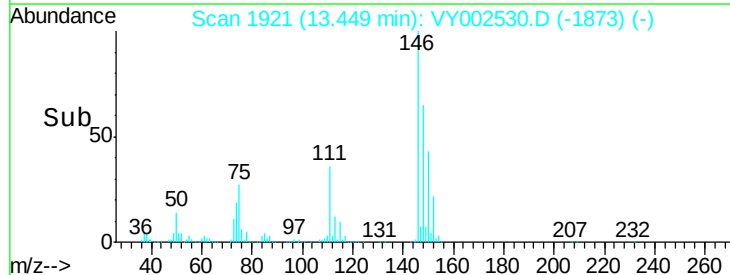
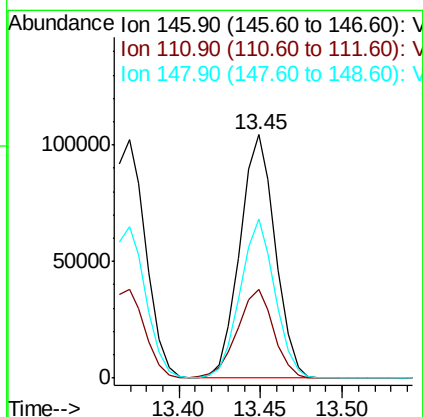
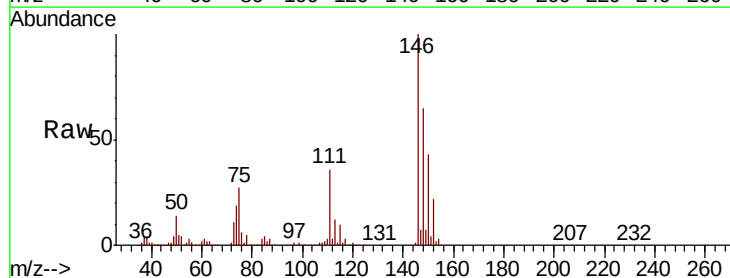
Instrument :
 MSVOA_Y
 ClientSampled :

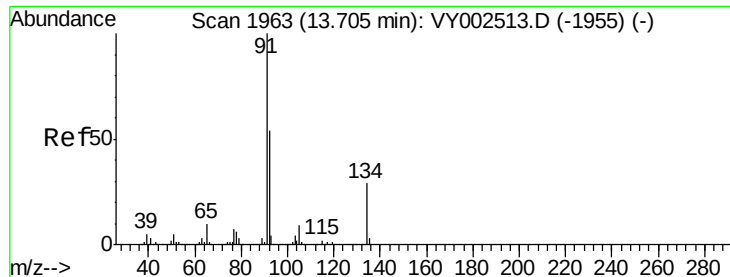
Tot Ion:146 Resp: 159154
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.445 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion:146 Resp: 157807
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 19.423 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002530.D

Acq: 04 May 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

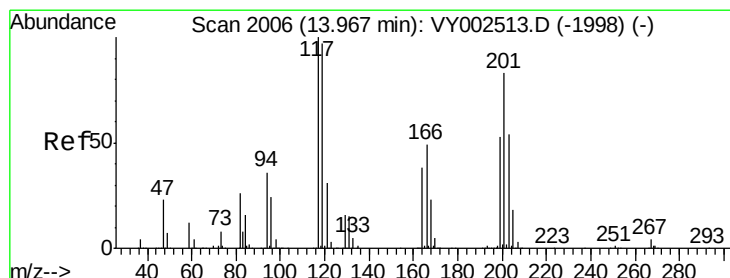
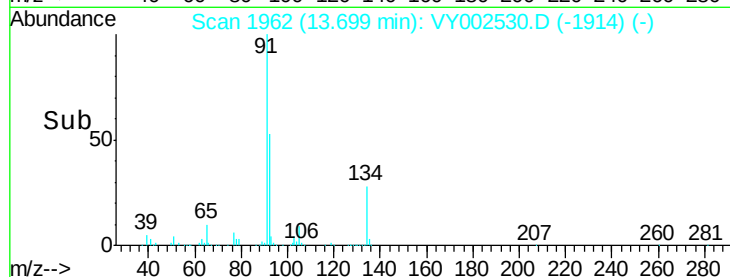
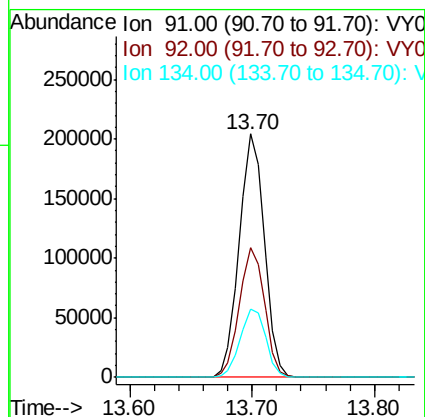
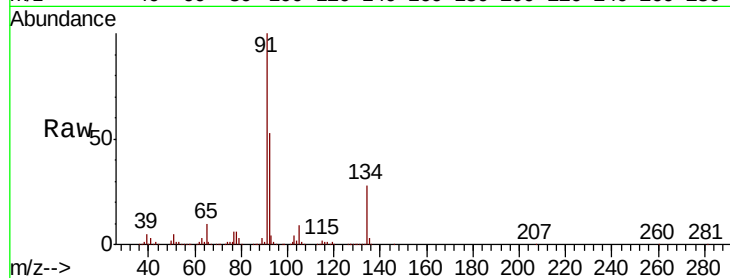
Tot Ion: 91 Resp: 289610

Ion Ratio Lower Upper

91 100

92 53.4 27.1 81.3

134 28.7 14.4 43.0



#90

Hexachloroethane

Concen: 19.108 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002530.D

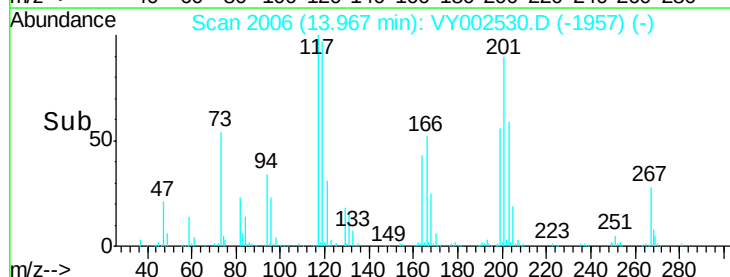
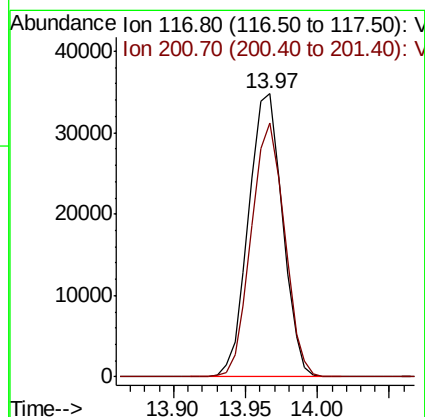
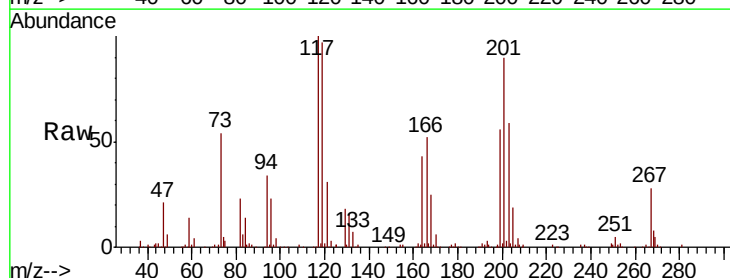
Acq: 04 May 2020 11:13

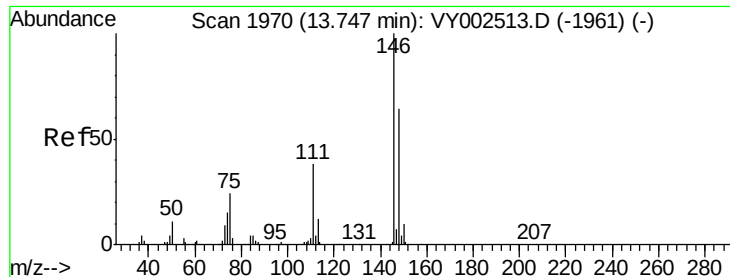
Tgt Ion: 117 Resp: 56996

Ion Ratio Lower Upper

117 100

201 87.7 44.4 133.2

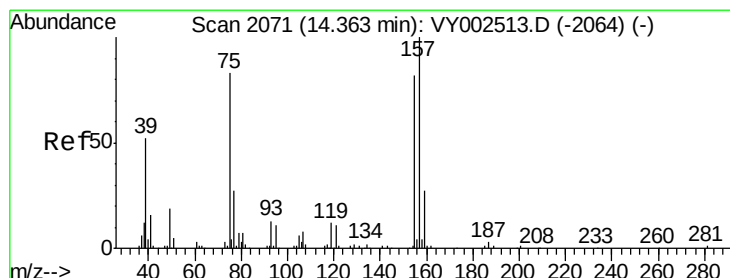
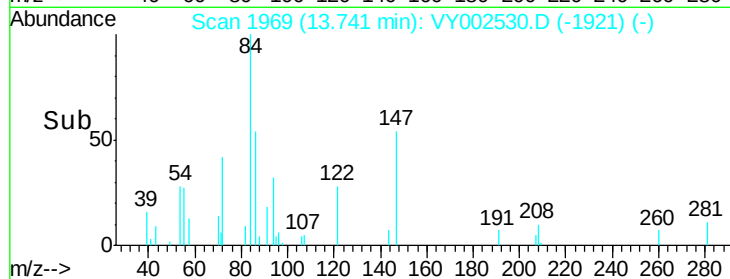
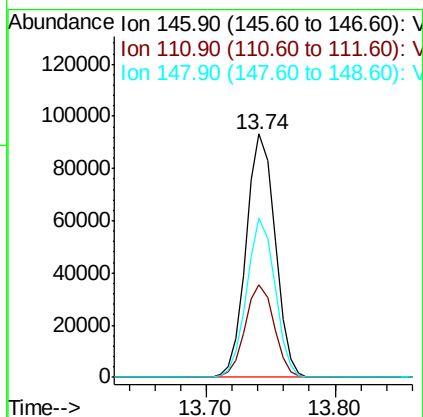
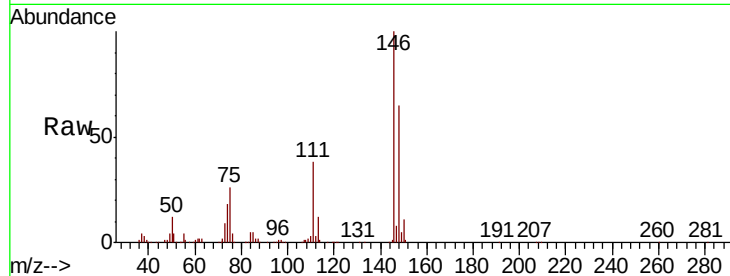




#91
 1,2-Dichlorobenzene
 Concen: 19.758 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

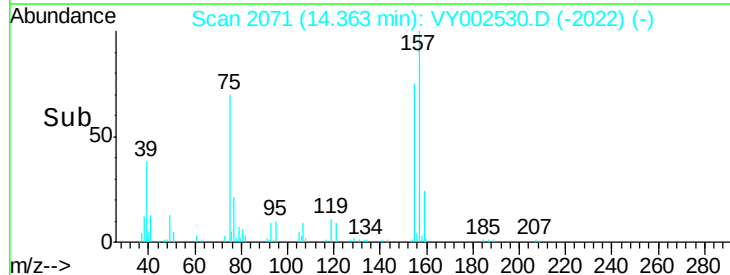
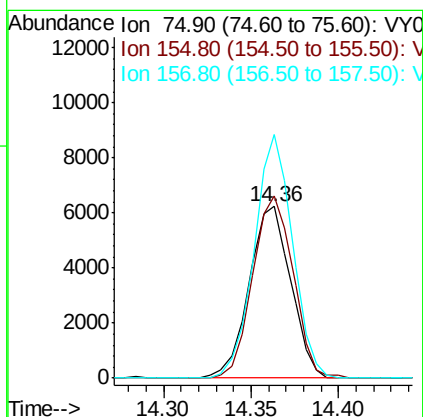
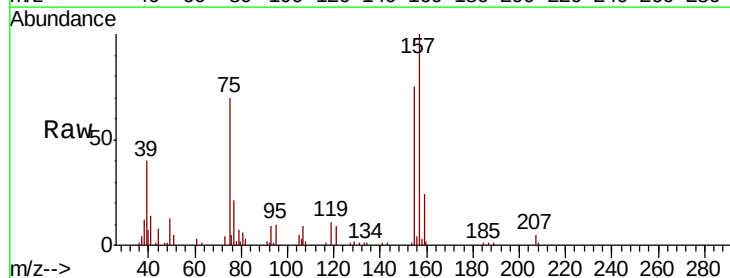
Instrument :
 MSVOA_Y
 ClientSampleId :

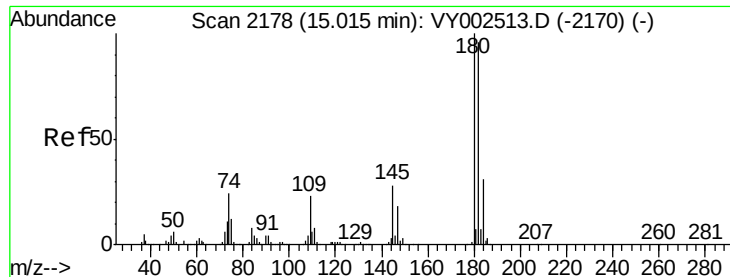
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	63.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.077 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	51.3	153.9
157	130.0	65.0	195.0

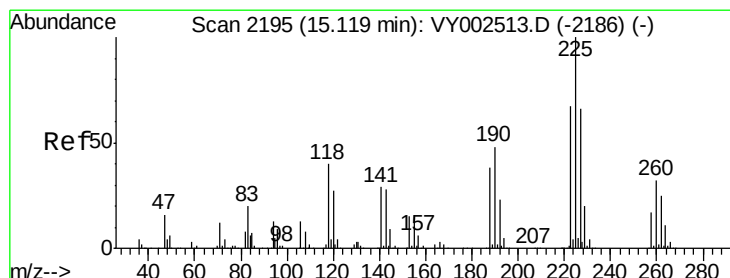
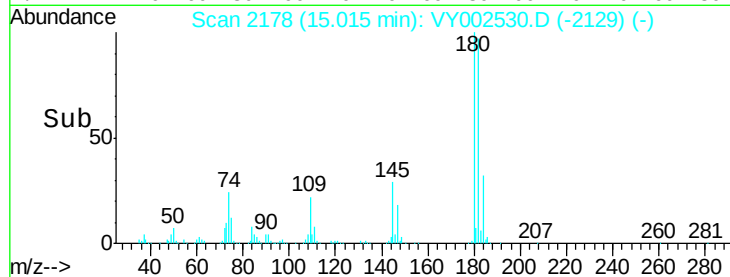
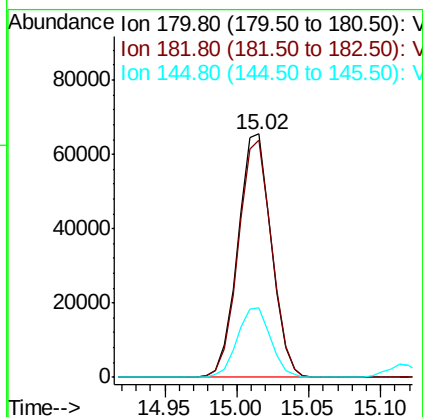
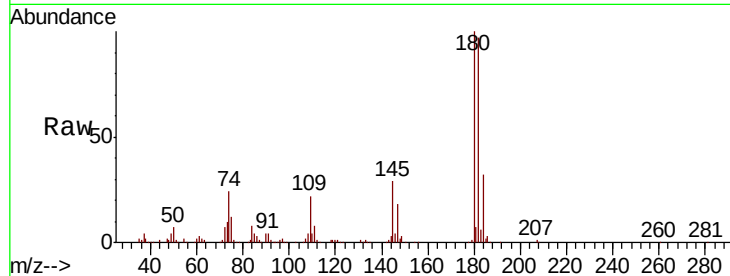




#93
 1,2,4-Trichlorobenzene
 Concen: 19.859 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

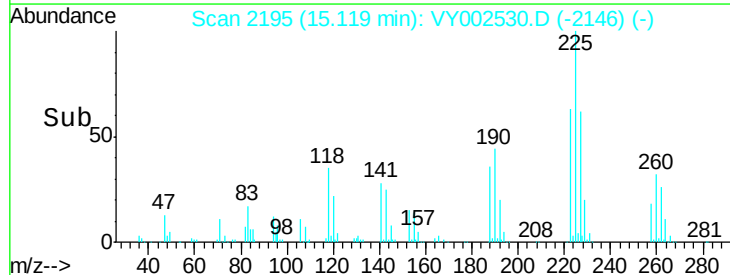
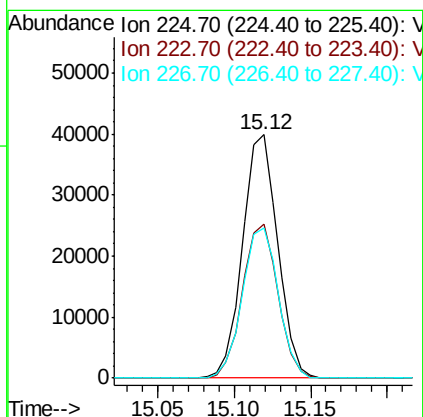
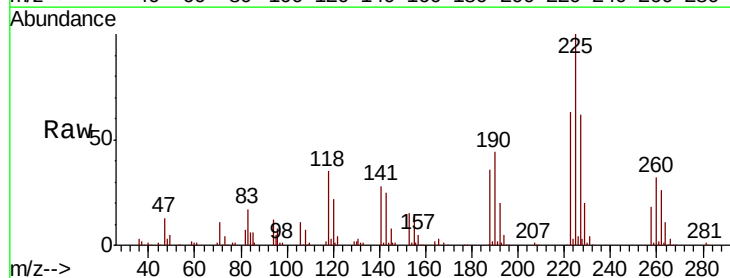
Instrument :
 MSVOA_Y
 ClientSampleId :

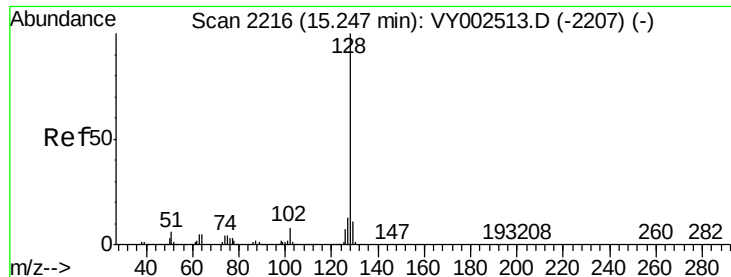
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.9	143.6
145	28.6	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 19.980 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002530.D
 Acq: 04 May 2020 11:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.1	96.5
227	63.1	32.0	96.2

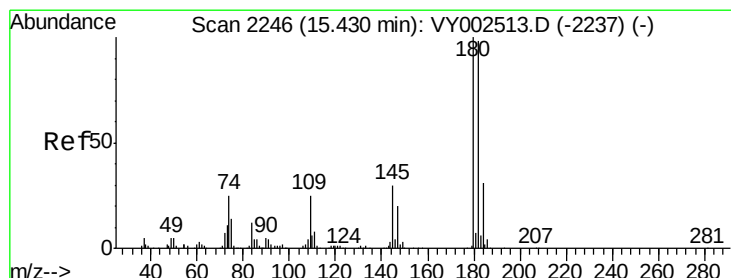
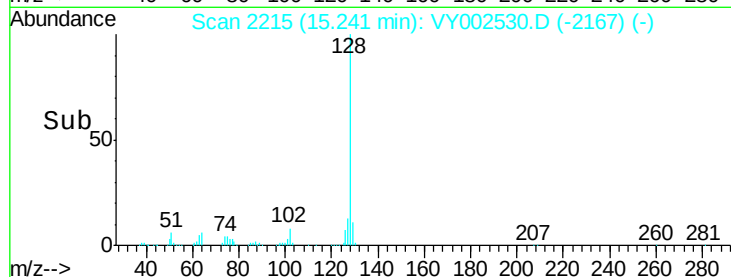
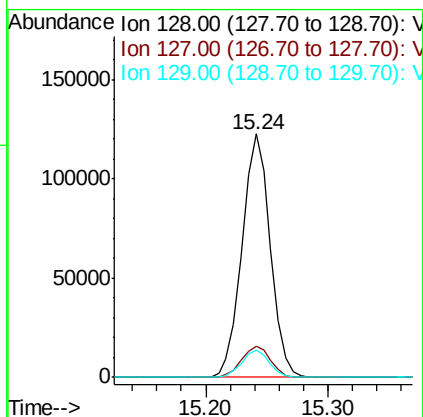
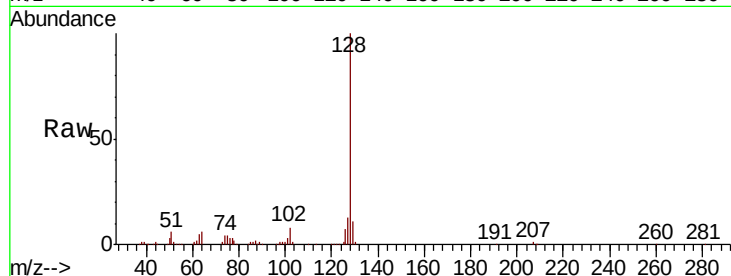




#95
Naphthalene
Concen: 20.212 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 195765
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.239 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002530.D
Acq: 04 May 2020 11:13

Tgt Ion:180 Resp: 91223
Ion Ratio Lower Upper
180 100
182 94.0 47.9 143.8
145 30.3 15.0 45.1

