

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002277.D
 Acq On : 13 Apr 2020 14:11
 Operator : SY/MD
 Sample : VY0413SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 02:16:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	186139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	334541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	299263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	137450	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	96218	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
35) Dibromofluoromethane	7.74	113	95382	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	10.19	98	398204	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.48	95	134514	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	33388	17.748	ug/l	94
3) Chloromethane	2.13	50	42790	18.073	ug/l	98
4) Vinyl Chloride	2.26	62	45102	17.897	ug/l	93
5) Bromomethane	2.65	94	28199	18.120	ug/l	91
6) Chloroethane	2.80	64	25736	17.708	ug/l	93
7) Trichlorofluoromethane	3.14	101	58631	18.015	ug/l	97
8) Diethyl Ether	3.55	74	26435	19.106	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40852	18.479	ug/l	99
10) Methyl Iodide	4.11	142	44562	17.341	ug/l	99
11) Tert butyl alcohol	4.97	59	27496	105.313	ug/l	97
12) 1,1-Dichloroethene	3.89	96	41696	18.552	ug/l	98
13) Acrolein	3.75	56	24435	91.551	ug/l	98
14) Allyl chloride	4.50	41	67899	18.708	ug/l	98
15) Acrylonitrile	5.19	53	67174	94.942	ug/l	98
16) Acetone	3.97	43	52286	95.902	ug/l	91
17) Carbon Disulfide	4.21	76	138495	18.554	ug/l	100
18) Methyl Acetate	4.50	43	31501	18.627	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	109887	18.597	ug/l	98
20) Methylene Chloride	4.74	84	50524	18.854	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	47003	18.631	ug/l	98
22) Diisopropyl ether	6.14	45	136703	18.716	ug/l	99
23) Vinyl Acetate	6.08	43	434954	93.446	ug/l	99
24) 1,1-Dichloroethane	6.03	63	77277	18.601	ug/l	98
25) 2-Butanone	7.00	43	81487	94.444	ug/l	98
26) 2,2-Dichloropropane	7.00	77	63270	18.206	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	50568	18.388	ug/l	99
28) Bromochloromethane	7.35	49	33647	18.761	ug/l	98
29) Tetrahydrofuran	7.36	42	53432	93.685	ug/l	98
30) Chloroform	7.52	83	72379	18.482	ug/l	96
31) Cyclohexane	7.80	56	80580	18.478	ug/l	# 95
32) 1,1,1-Trichloroethane	7.72	97	60156	18.455	ug/l	98
36) 1,1-Dichloropropene	7.93	75	61682	18.719	ug/l	98
37) Ethyl Acetate	7.10	43	35913	19.078	ug/l	100
38) Carbon Tetrachloride	7.91	117	52744	18.713	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	84046	18.750	ug/l	95
40) Benzene	8.17	78	188836	18.888	ug/l	100
41) Methacrylonitrile	7.36	41	46630	41.990	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	45181	18.244	ug/l	99
43) Isopropyl Acetate	8.28	43	63600	18.525	ug/l	100
44) Trichloroethene	8.95	130	53602	18.236	ug/l	95
45) 1,2-Dichloropropane	9.23	63	46772	18.855	ug/l	90
46) Dibromomethane	9.31	93	23789	18.342	ug/l	99
47) Bromodichloromethane	9.50	83	54653	18.365	ug/l	99
48) Methyl methacrylate	9.30	41	27688	17.986	ug/l	97
49) 1,4-Dioxane	9.31	88	6984	380.669	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	174115	97.326	ug/l	100
52) Toluene	10.25	92	113711	18.873	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	59764	18.432	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	74139	19.019	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	35860	18.885	ug/l	98
56) Ethyl methacrylate	10.52	69	51545	19.019	ug/l	97
57) 1,3-Dichloropropane	10.80	76	62398	18.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	135195	96.332	ug/l	99
59) 2-Hexanone	10.84	43	116769	94.047	ug/l	100
60) Dibromochloromethane	10.99	129	38019	18.777	ug/l	100
61) 1,2-Dibromoethane	11.10	107	34049	18.835	ug/l	100
64) Tetrachloroethene	10.72	164	56461	18.661	ug/l	97
65) Chlorobenzene	11.52	112	117893	18.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	39181	19.077	ug/l	99
67) Ethyl Benzene	11.60	91	216079	18.974	ug/l	100
68) m/p-Xylenes	11.70	106	162530	38.104	ug/l	99
69) o-Xylene	12.03	106	75714	18.907	ug/l	99
70) Styrene	12.05	104	130739	18.818	ug/l	99
71) Bromoform	12.21	173	21526	19.273	ug/l #	98
73) Isopropylbenzene	12.33	105	202915	18.792	ug/l	99
74) N-amyl acetate	12.15	43	57127	18.637	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	26971	20.645	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	55755	34.932	ug/l #	100
77) Bromobenzene	12.61	156	43265	18.211	ug/l	95
78) n-propylbenzene	12.67	91	249083	18.547	ug/l	100
79) 2-Chlorotoluene	12.76	91	136479	18.700	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	164889	18.464	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	15803	19.257	ug/l	97
82) 4-Chlorotoluene	12.86	91	142823	18.671	ug/l	99
83) tert-Butylbenzene	13.08	119	138991	18.581	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	167352	18.766	ug/l	99
85) sec-Butylbenzene	13.26	105	207513	18.622	ug/l	100
86) p-Isopropyltoluene	13.38	119	181272	18.901	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	87136	18.925	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	85274	18.246	ug/l	98
89) n-Butylbenzene	13.70	91	181479	18.460	ug/l	100
90) Hexachloroethane	13.97	117	33823	18.507	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	78779	18.830	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6075	19.226	ug/l	96

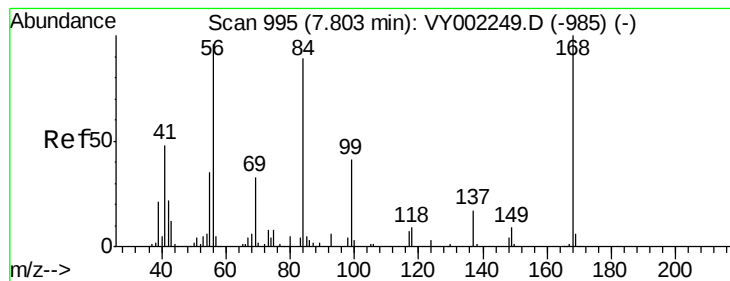
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	49338	18.042	ug/l	99
94) Hexachlorobutadiene	15.12	225	24964	18.125	ug/l	99
95) Naphthalene	15.24	128	108143	18.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	43371	18.266	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

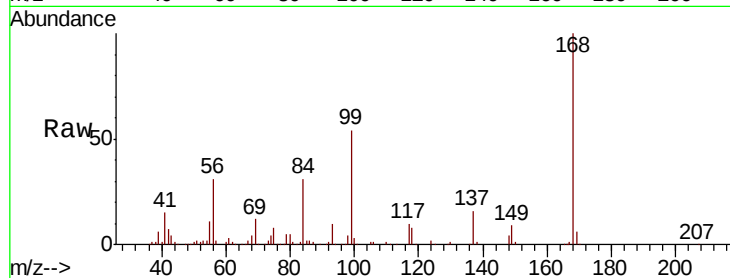
ClientSampleId :

Tot Ion:168 Resp: 186139

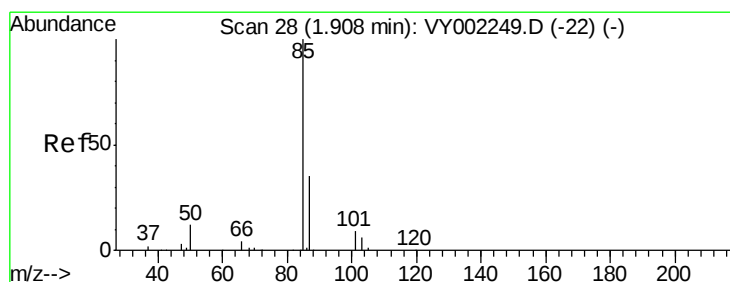
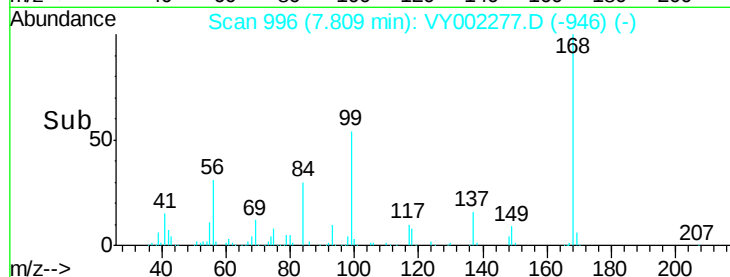
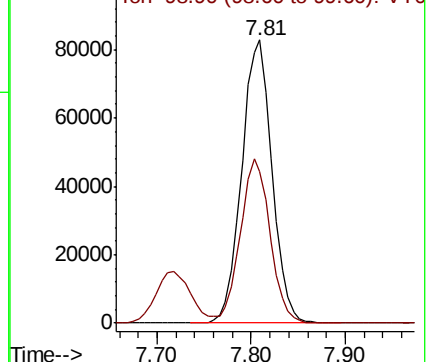
Ion Ratio Lower Upper

168 100

99 53.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 17.748 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002277.D

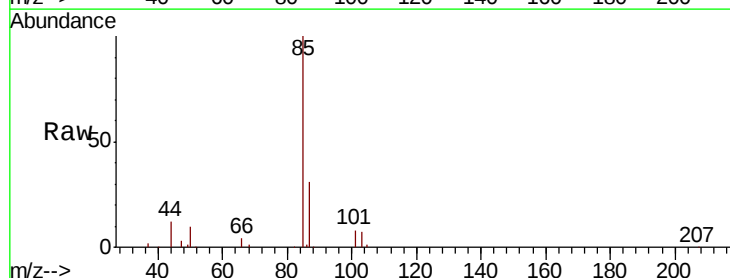
Acq: 13 Apr 2020 14:11

Tgt Ion: 85 Resp: 33388

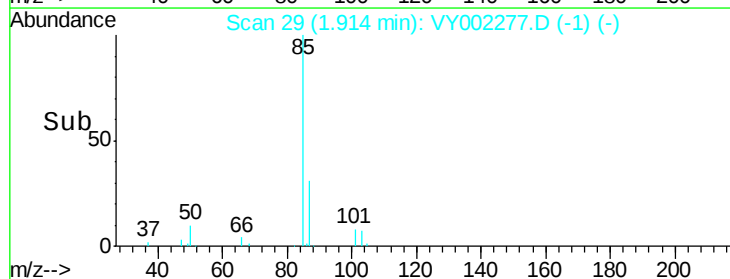
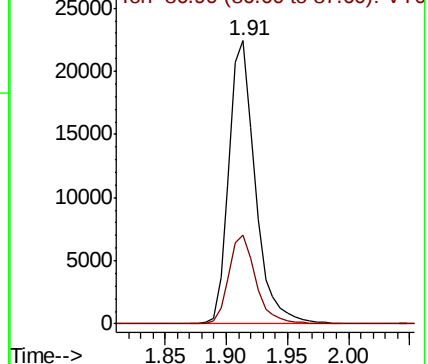
Ion Ratio Lower Upper

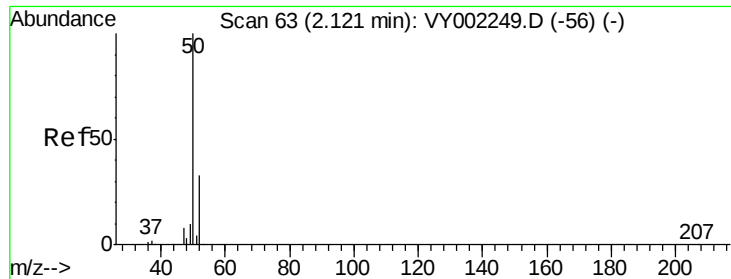
85 100

87 31.3 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 18.073 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

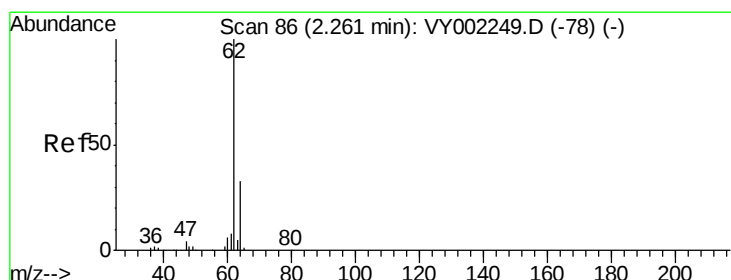
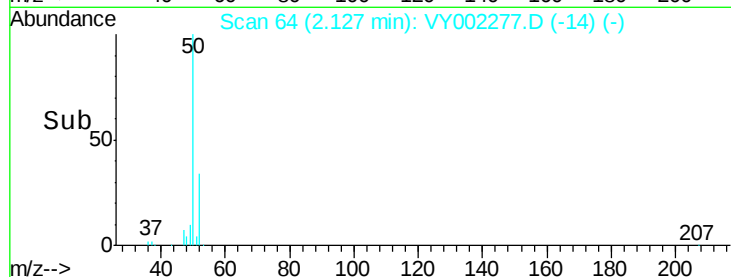
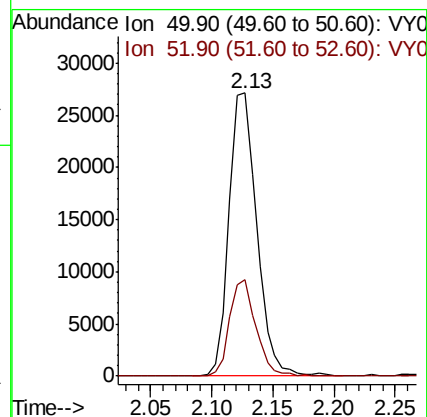
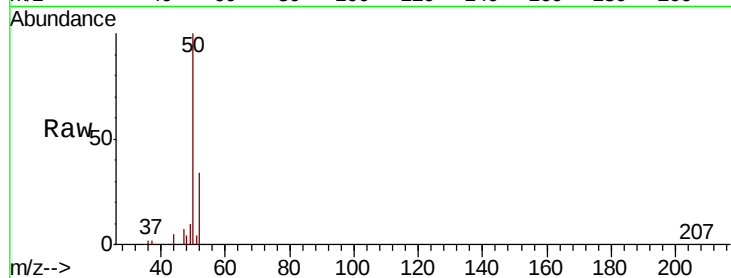
ClientSampled :

Tot Ion: 50 Resp: 42790

Ion Ratio Lower Upper

50 100

52 34.2 26.6 39.8



#4

Vinyl Chloride

Concen: 17.897 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002277.D

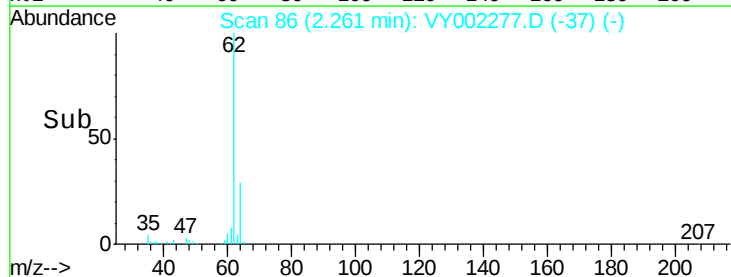
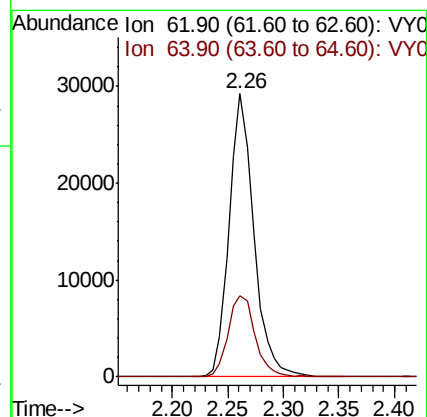
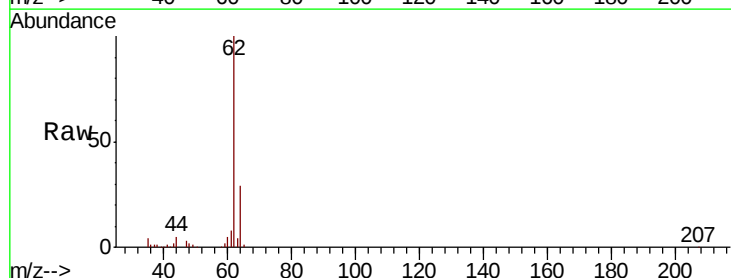
Acq: 13 Apr 2020 14:11

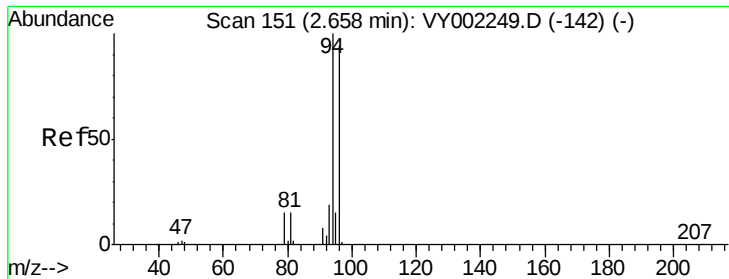
Tgt Ion: 62 Resp: 45102

Ion Ratio Lower Upper

62 100

64 28.8 26.2 39.2





#5

Bromomethane

Concen: 18.120 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

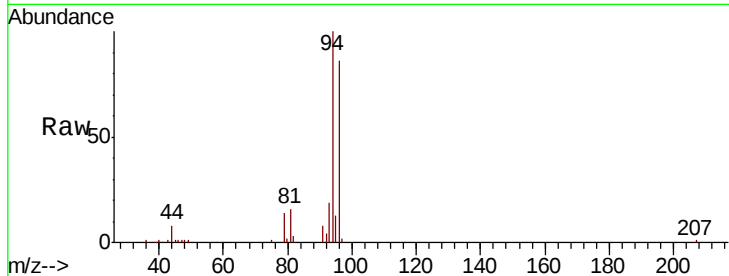
ClientSampleId :

Tot Ion: 94 Resp: 28199

Ion Ratio Lower Upper

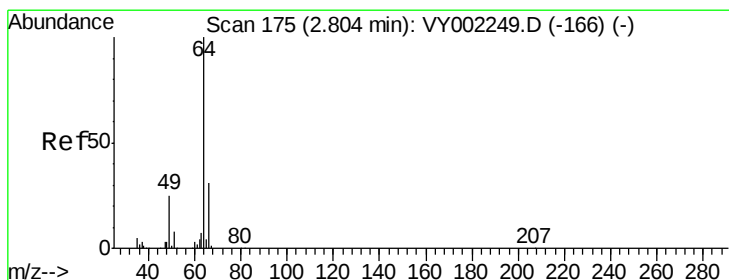
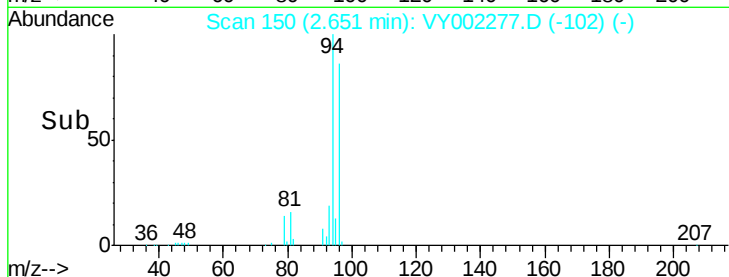
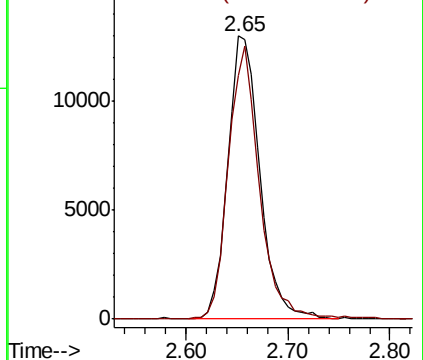
94 100

96 86.1 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.708 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002277.D

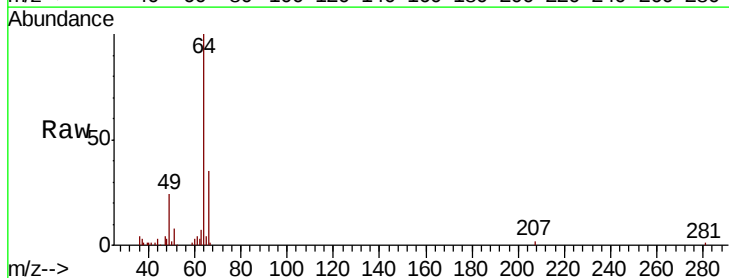
Acq: 13 Apr 2020 14:11

Tgt Ion: 64 Resp: 25736

Ion Ratio Lower Upper

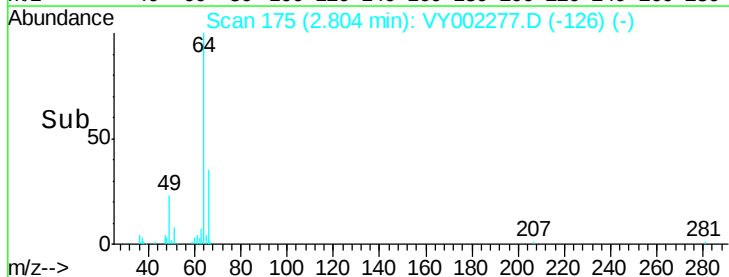
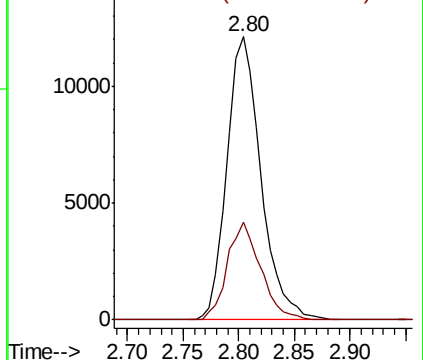
64 100

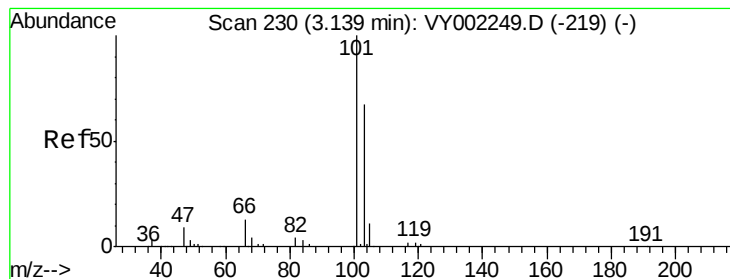
66 34.7 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



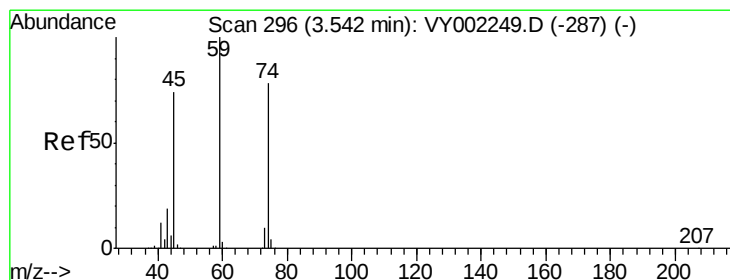
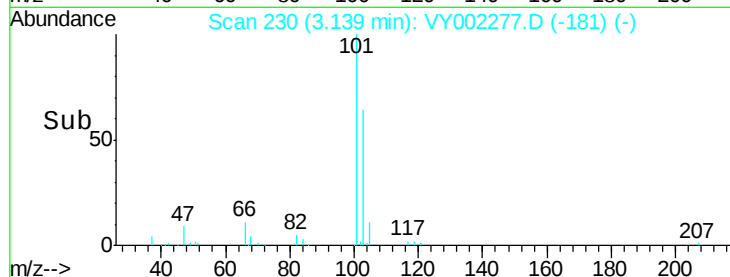
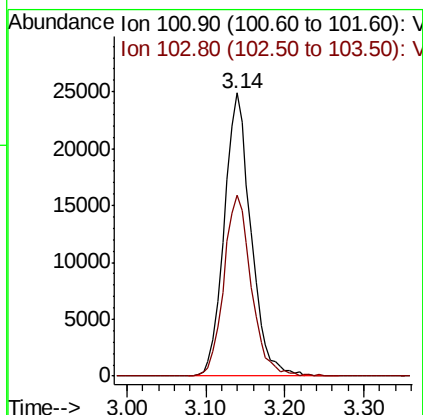
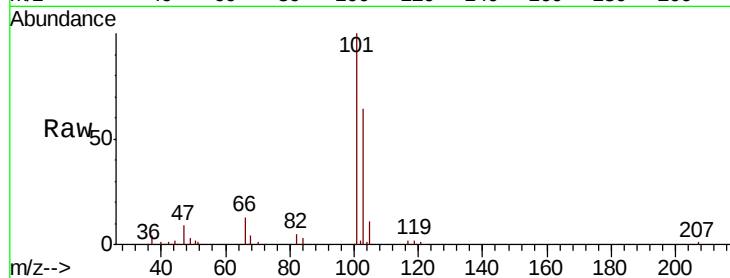


#7

Trichlorofluoromethane
Concen: 18.015 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampled :

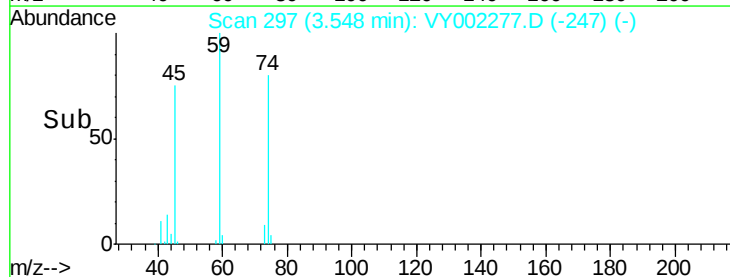
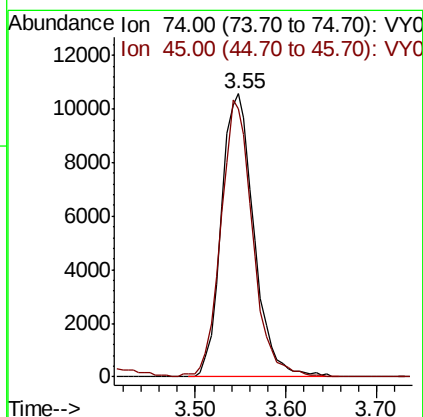
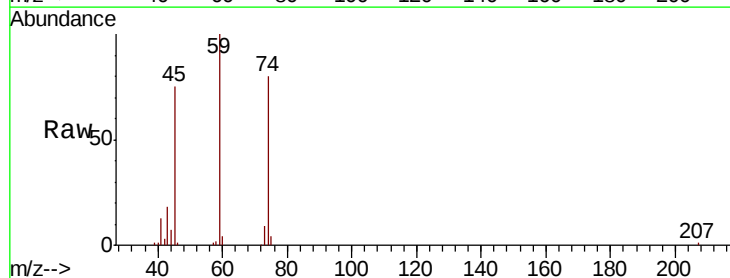
Tot Ion:101 Resp: 58631
Ion Ratio Lower Upper
101 100
103 63.8 53.3 79.9

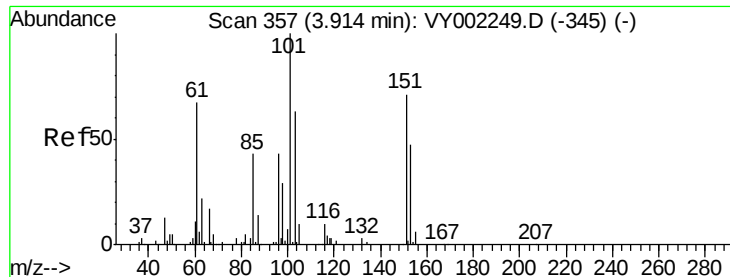


#8

Diethyl Ether
Concen: 19.106 ug/l
RT: 3.55 min Scan# 297
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 74 Resp: 26435
Ion Ratio Lower Upper
74 100
45 95.3 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.479 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

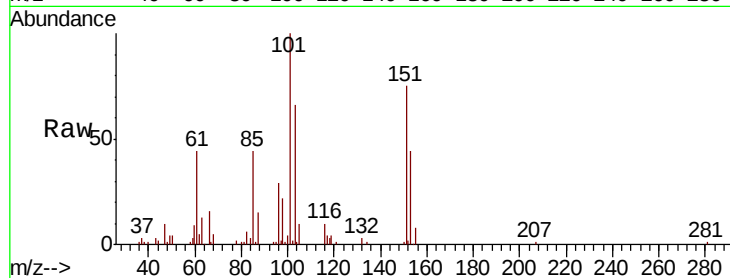
Tot Ion:101 Resp: 40852

Ion Ratio Lower Upper

101 100

85 43.7 34.6 52.0

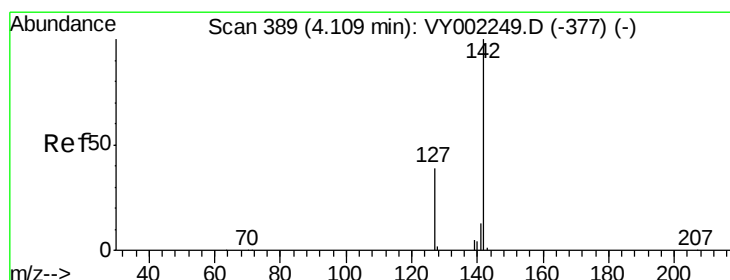
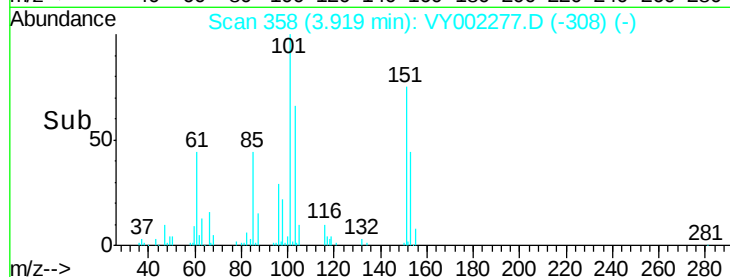
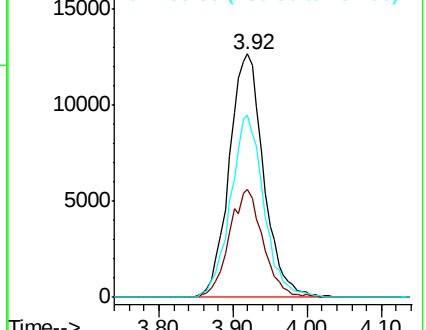
151 72.4 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.341 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

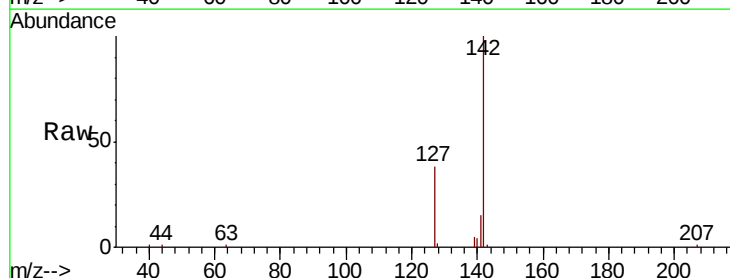
Tgt Ion:142 Resp: 44562

Ion Ratio Lower Upper

142 100

127 39.5 32.4 48.6

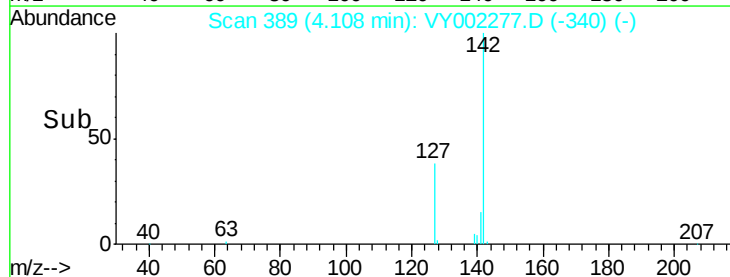
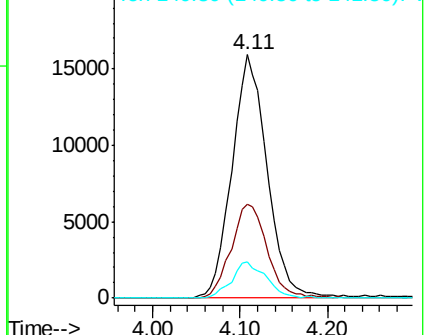
141 14.3 11.2 16.8

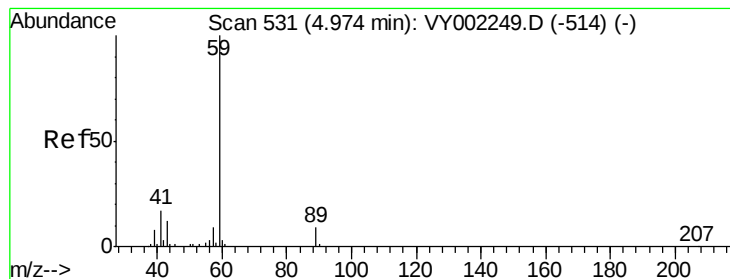


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



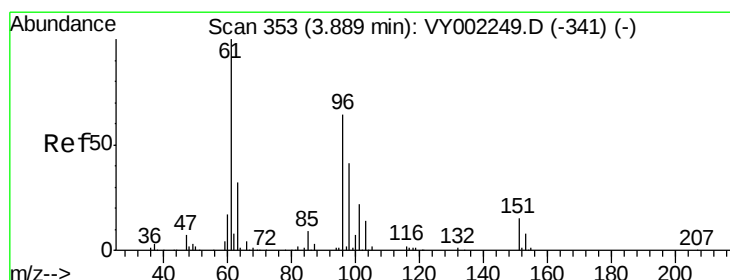
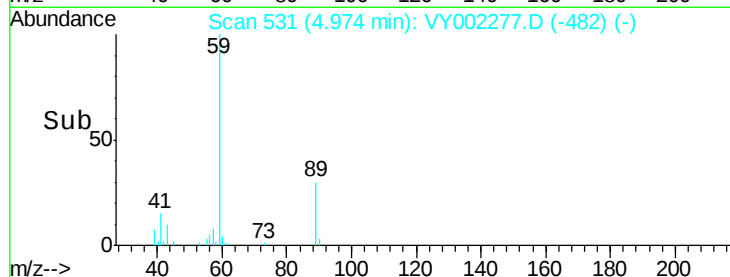
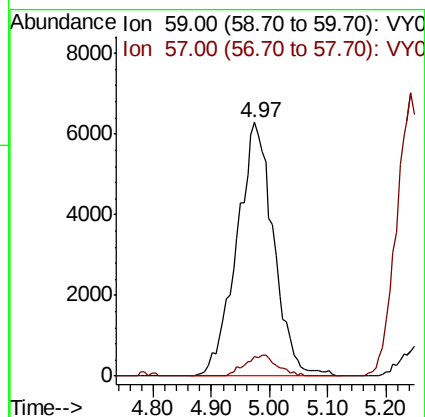
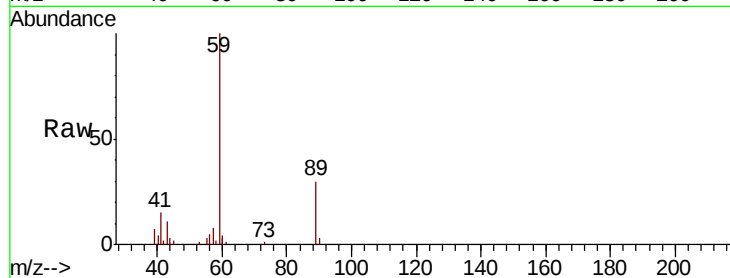


#11

Tert butyl alcohol
 Concen: 105.313 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :

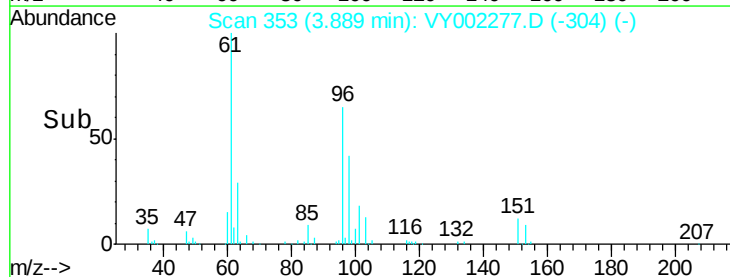
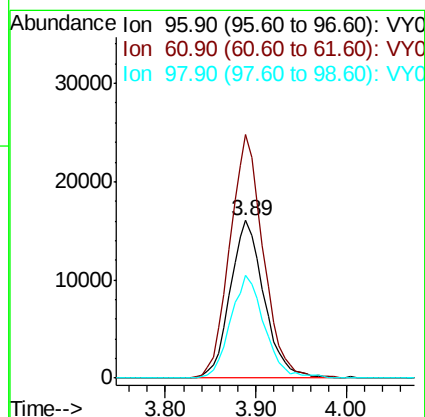
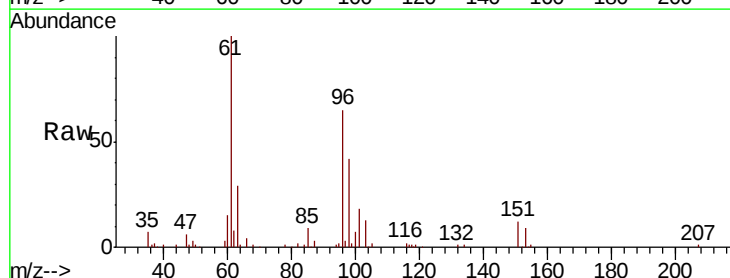
Tot Ion: 59 Resp: 27496
 Ion Ratio Lower Upper
 59 100
 57 7.3 6.6 9.8

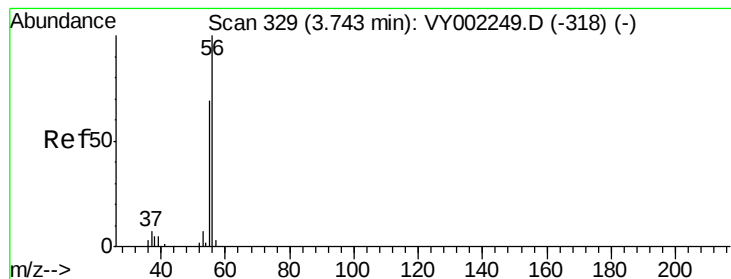


#12

1,1-Dichloroethene
 Concen: 18.552 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion: 96 Resp: 41696
 Ion Ratio Lower Upper
 96 100
 61 154.5 125.9 188.9
 98 65.4 51.1 76.7





#13

Acrolein

Concen: 91.551 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

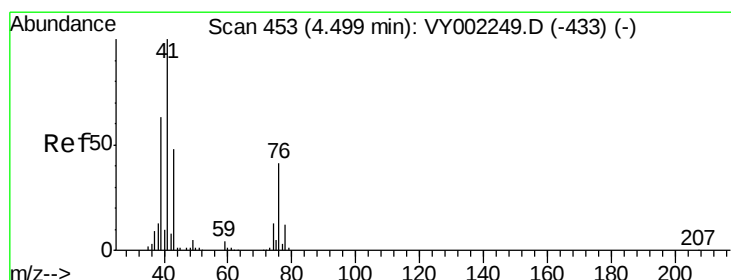
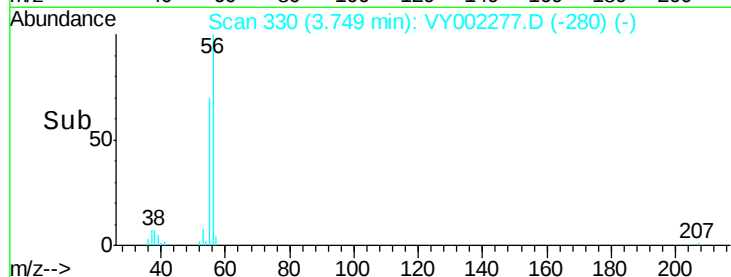
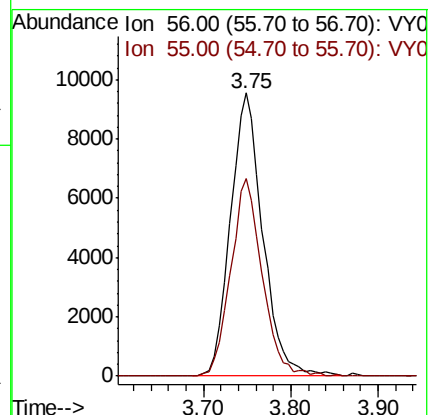
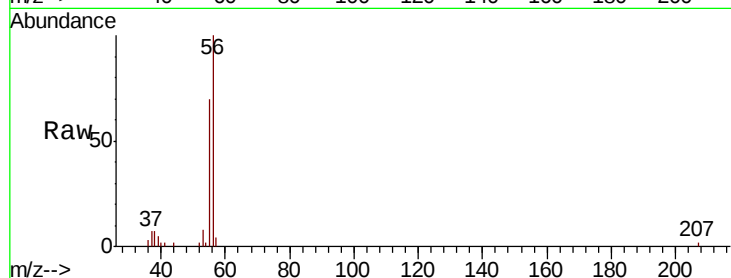
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 24435

Ion Ratio Lower Upper

56 100

55 68.1 55.8 83.8



#14

Allyl chloride

Concen: 18.708 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

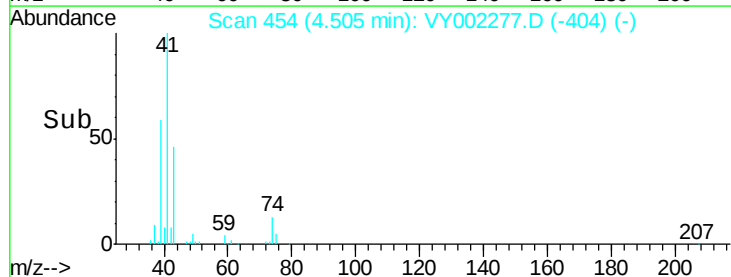
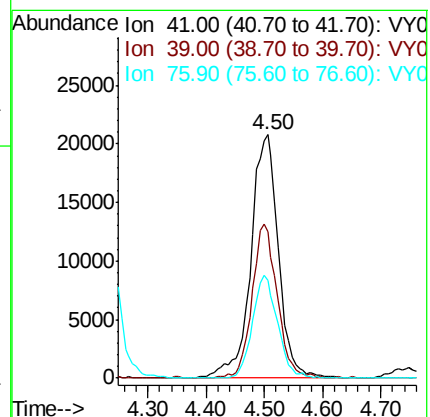
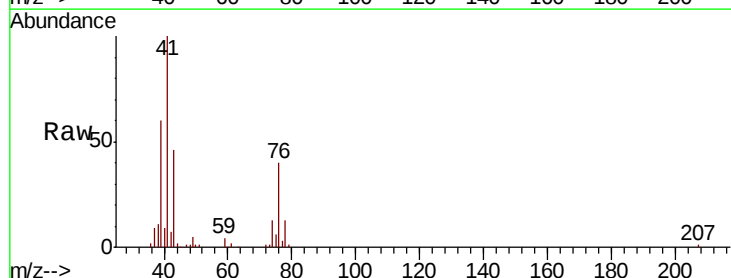
Tgt Ion: 41 Resp: 67899

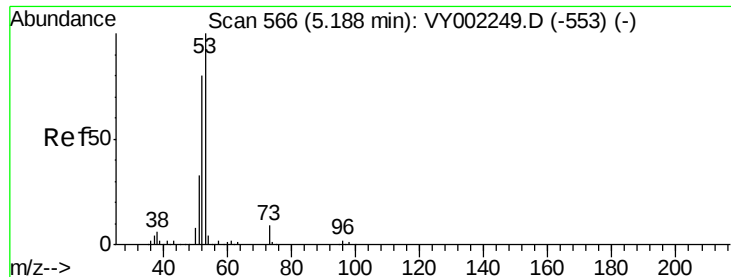
Ion Ratio Lower Upper

41 100

39 57.8 48.0 72.0

76 38.4 31.0 46.6





#15

Acrylonitrile

Concen: 94.942 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampled :

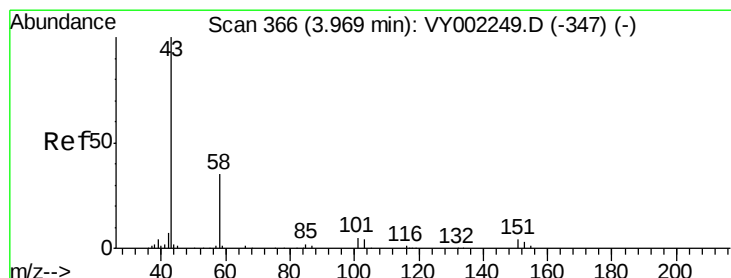
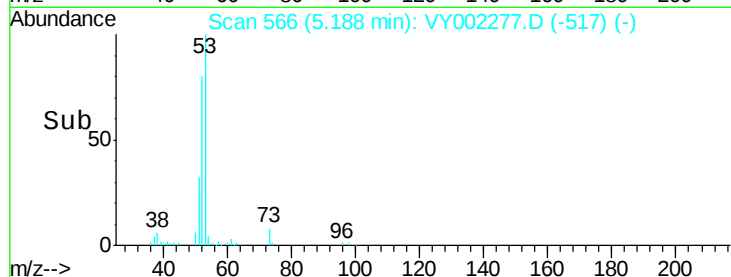
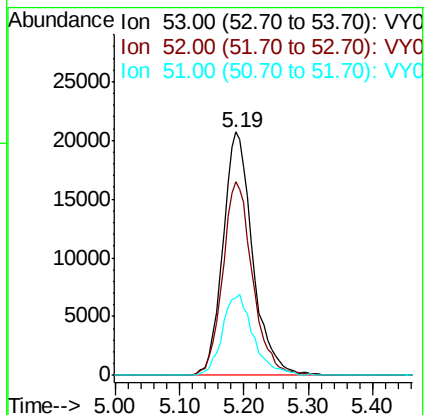
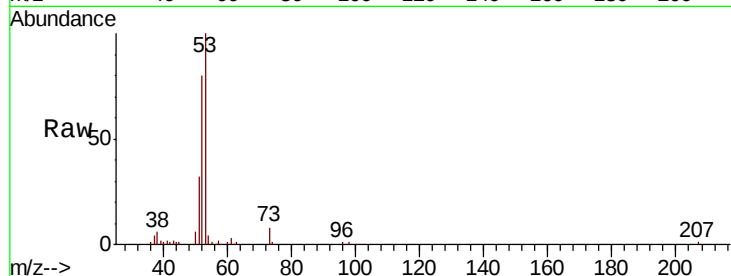
Tot Ion: 53 Resp: 67174

Ion Ratio Lower Upper

53 100

52 79.8 65.1 97.7

51 34.6 27.1 40.7



#16

Acetone

Concen: 95.902 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002277.D

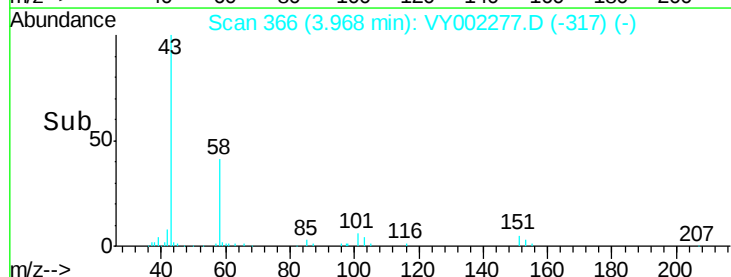
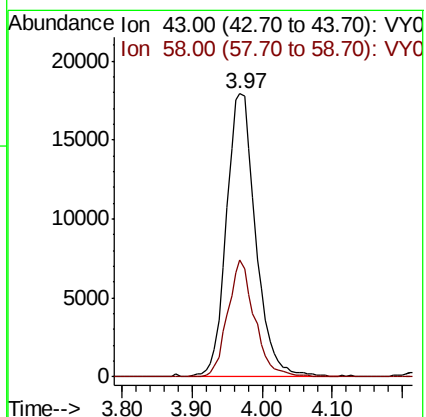
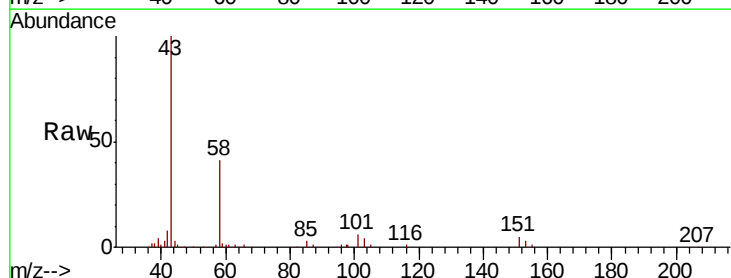
Acq: 13 Apr 2020 14:11

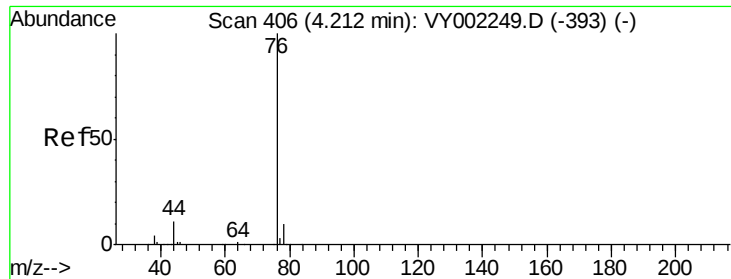
Tgt Ion: 43 Resp: 52286

Ion Ratio Lower Upper

43 100

58 41.1 28.5 42.7

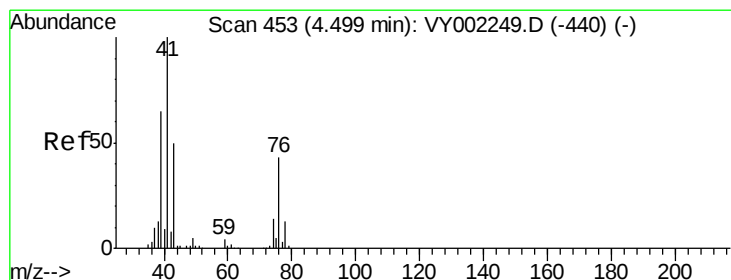
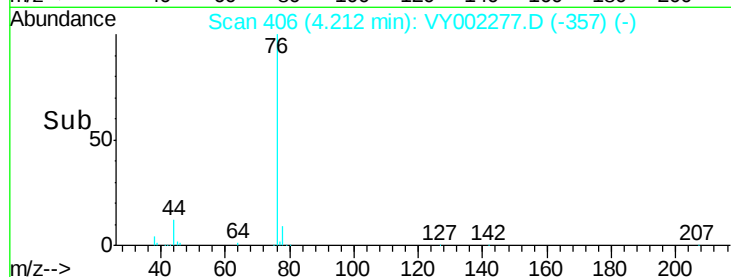
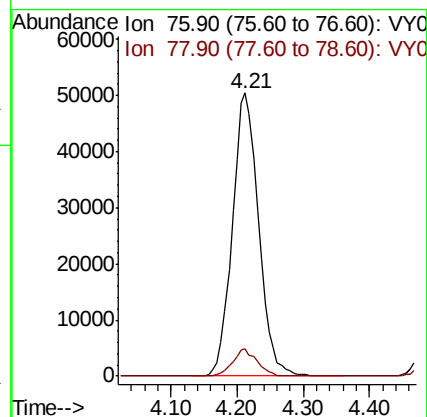
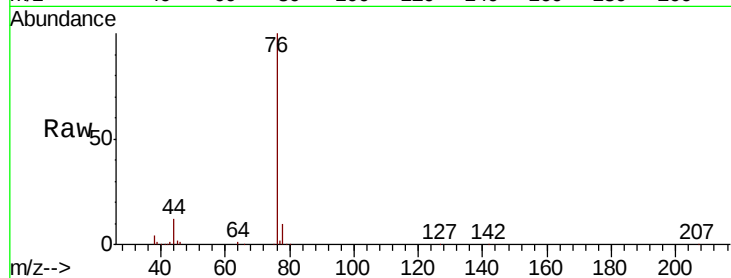




#17
Carbon Disulfide
Concen: 18.554 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

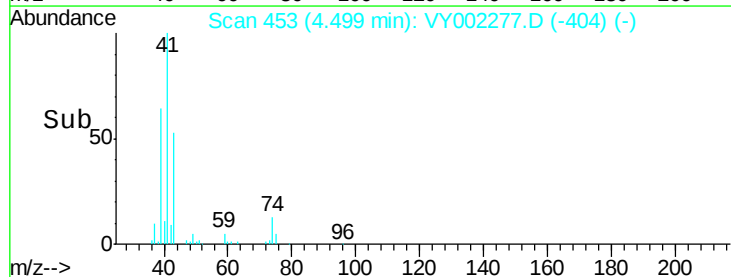
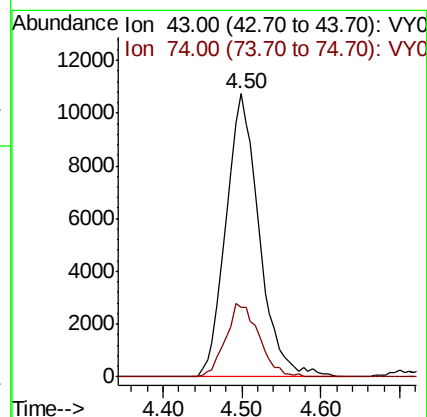
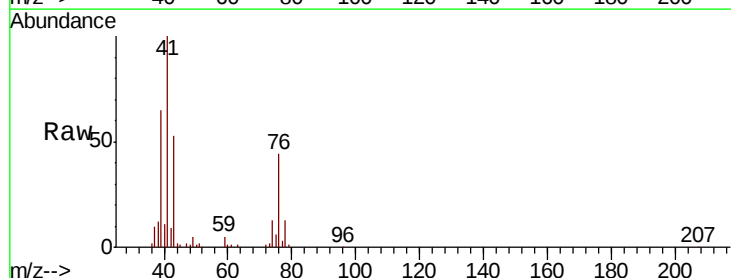
Instrument :
MSVOA_Y
ClientSampleId :

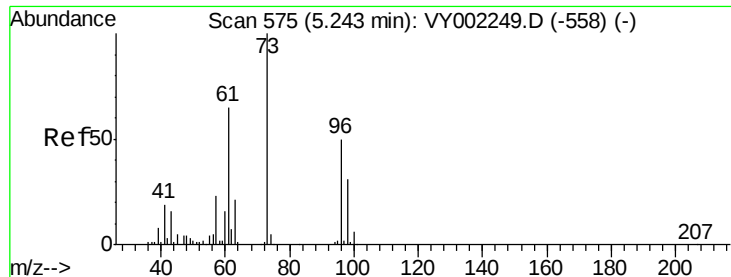
Tot Ion: 76 Resp: 138495
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 18.627 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 43 Resp: 31501
Ion Ratio Lower Upper
43 100
74 25.8 20.3 30.5



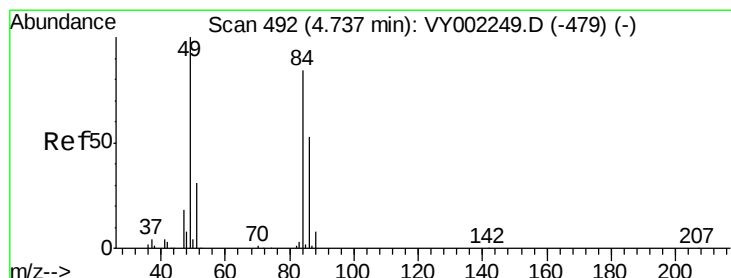
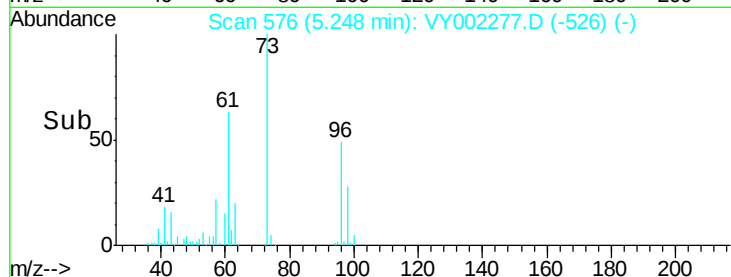
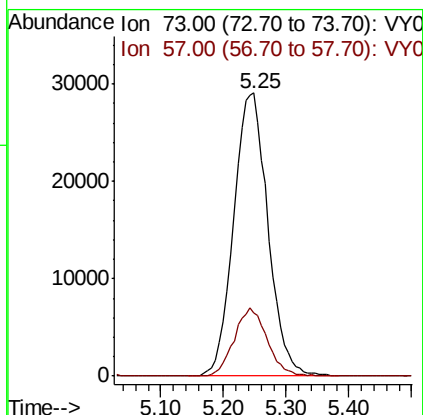
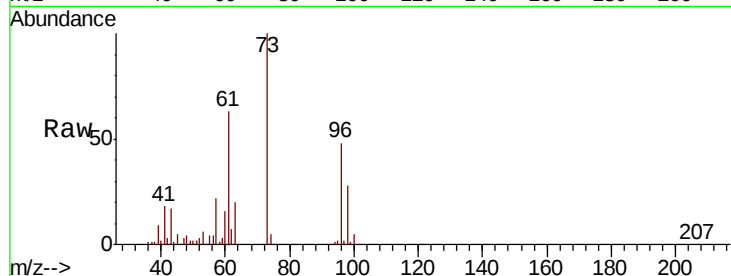


#19

Methyl tert-butyl Ether
 Concen: 18.597 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :

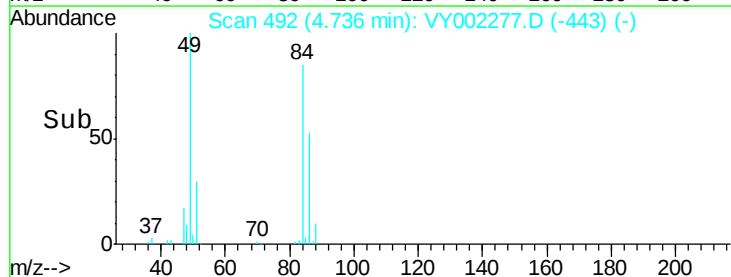
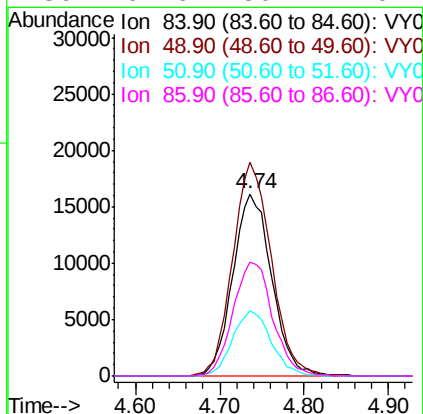
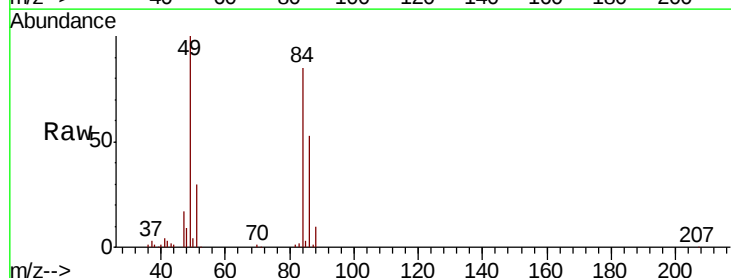
Tot Ion: 73 Resp: 109887
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.7 28.1

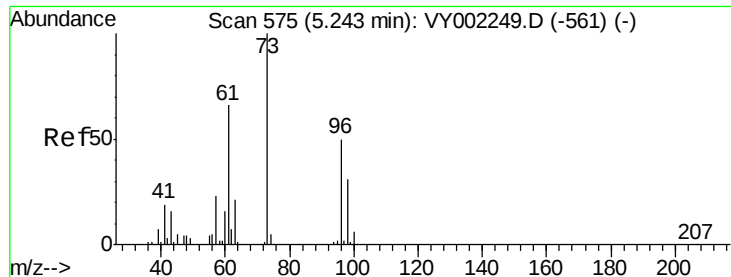


#20

Methylene Chloride
 Concen: 18.854 ug/l
 RT: 4.74 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion: 84 Resp: 50524
 Ion Ratio Lower Upper
 84 100
 49 117.4 95.5 143.3
 51 35.7 29.5 44.3
 86 62.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.631 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampled :

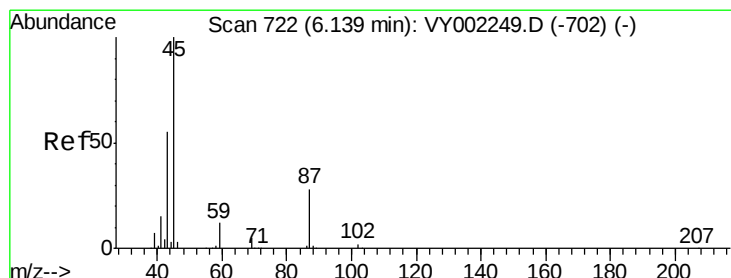
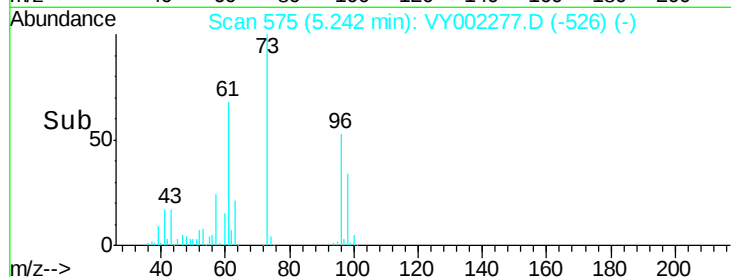
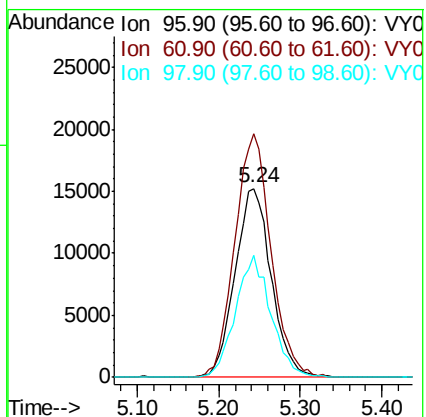
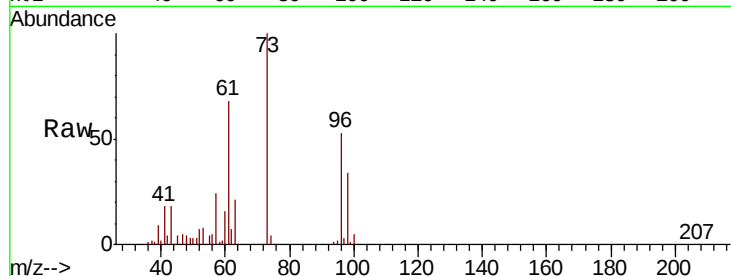
Tot Ion: 96 Resp: 47003

Ion Ratio Lower Upper

96 100

61 128.7 104.6 157.0

98 64.4 50.1 75.1



#22

Diisopropyl ether

Concen: 18.716 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion: 45 Resp: 136703

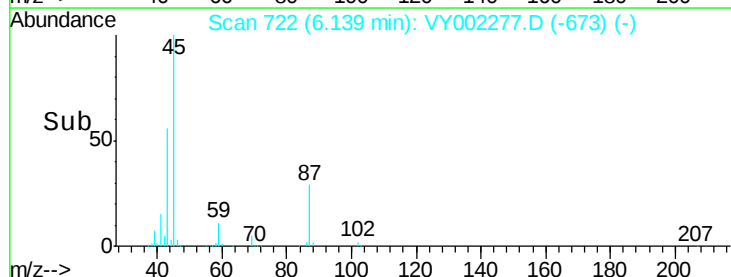
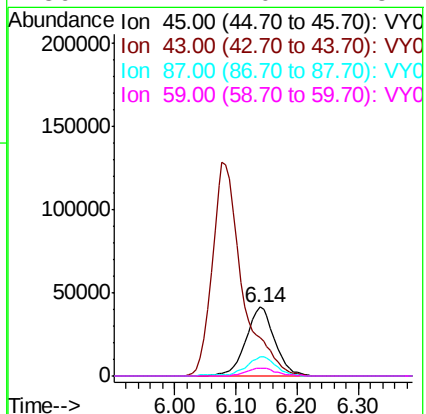
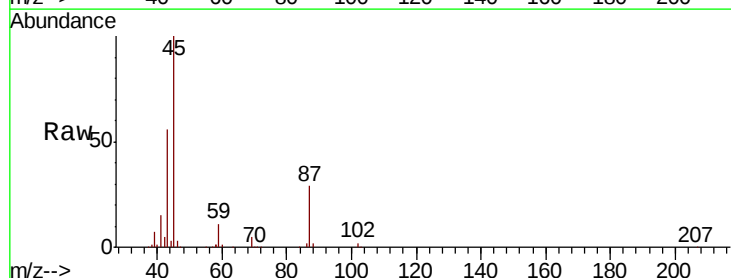
Ion Ratio Lower Upper

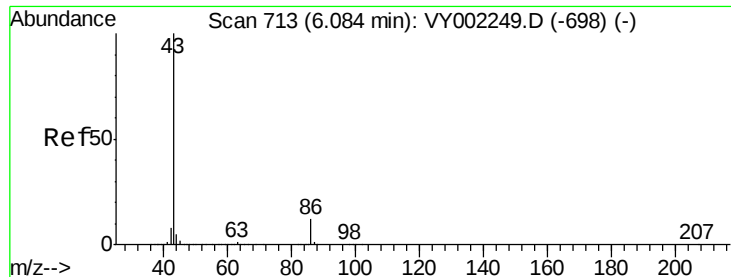
45 100

43 55.5 44.7 67.1

87 28.6 23.0 34.4

59 11.4 10.1 15.1





#23

Vinyl Acetate

Concen: 93.446 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

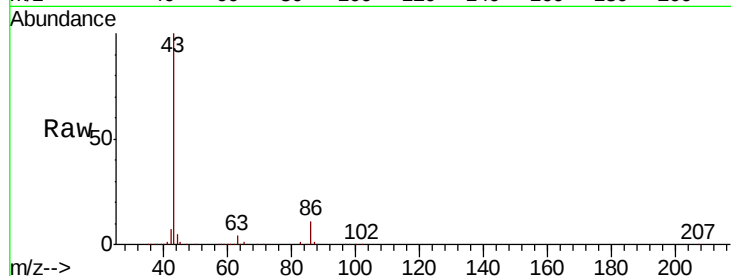
ClientSampled :

Tot Ion: 43 Resp: 434954

Ion Ratio Lower Upper

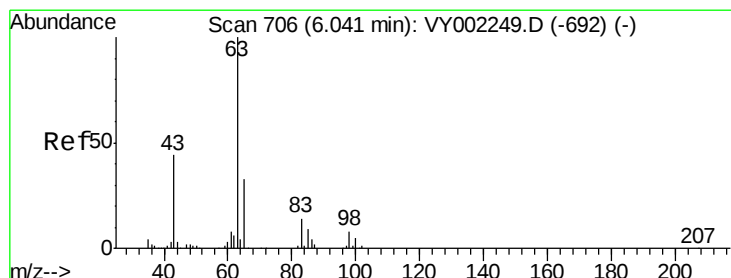
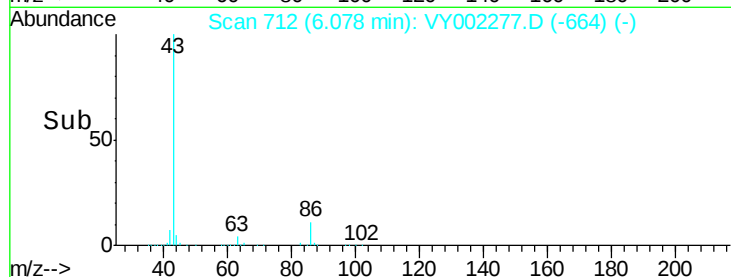
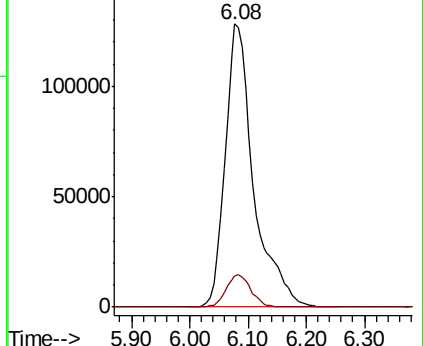
43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 18.601 ug/l

RT: 6.03 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

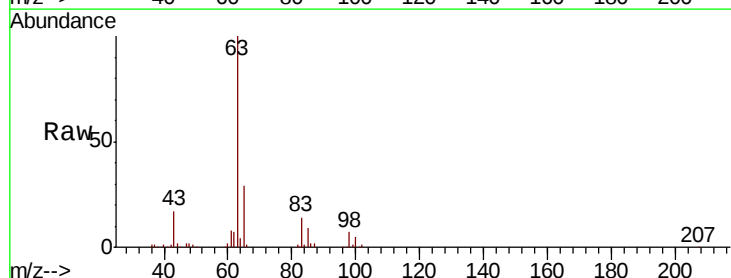
Tgt Ion: 63 Resp: 77277

Ion Ratio Lower Upper

63 100

98 7.0 4.0 12.0

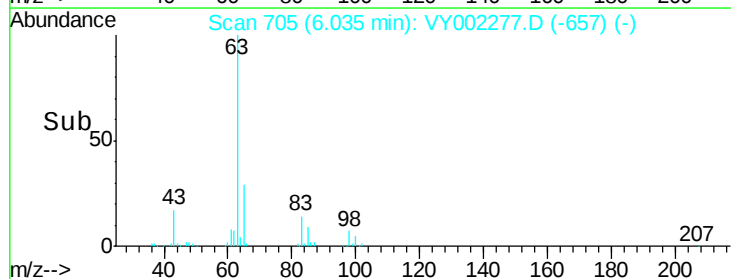
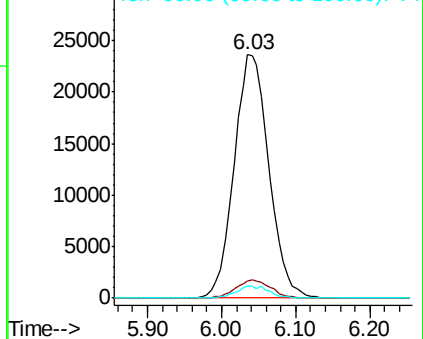
100 4.8 2.4 7.1

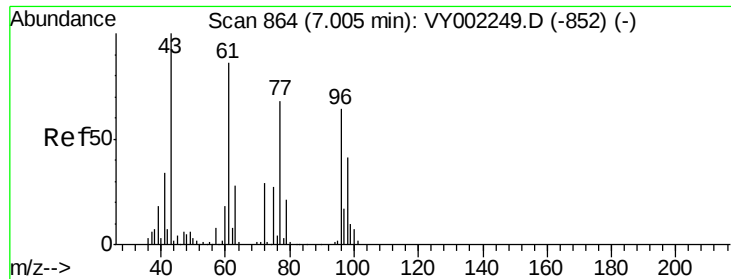


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

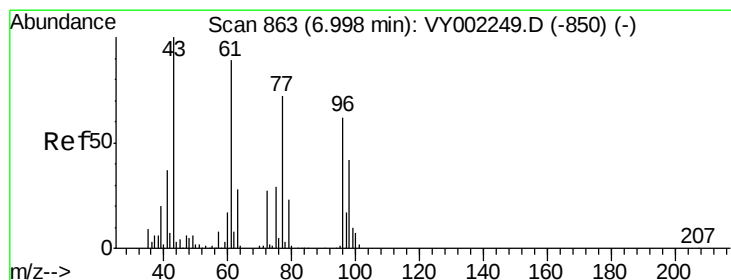
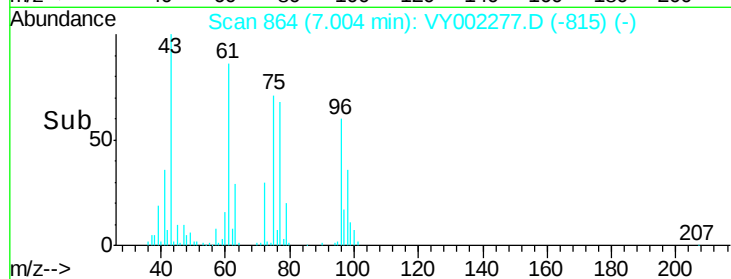
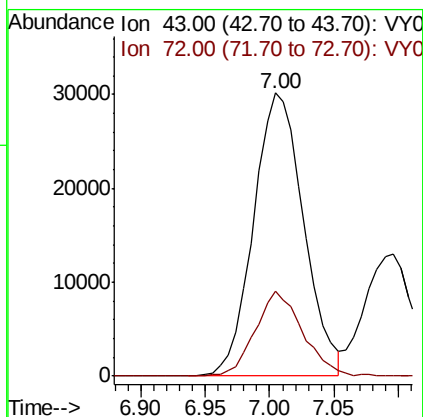
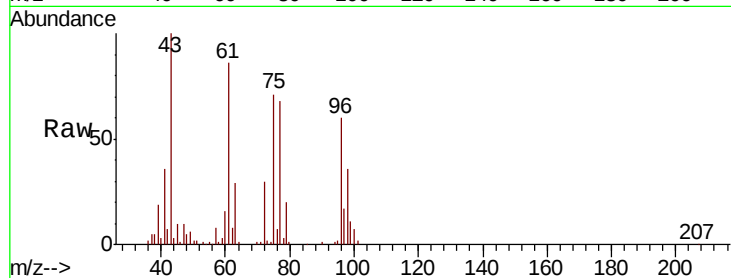




#25
2-Butanone
Concen: 94.444 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

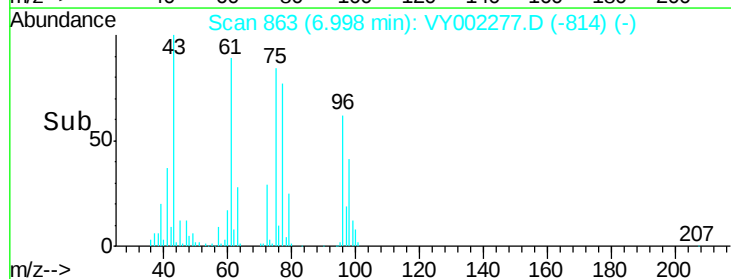
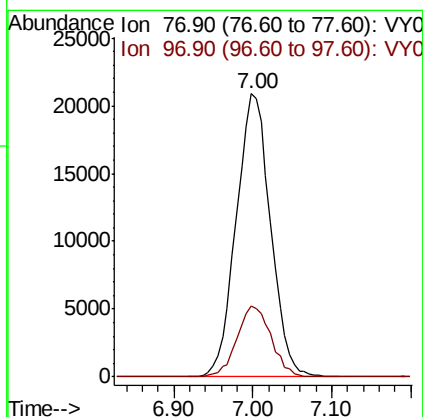
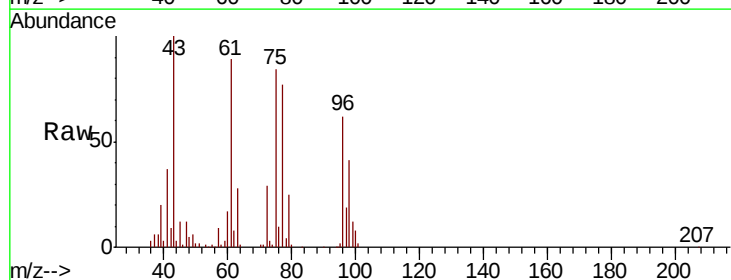
Instrument :
MSVOA_Y
ClientSampleId :

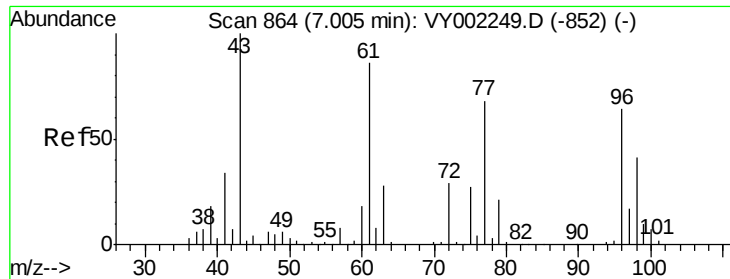
Tot Ion: 43 Resp: 81487
Ion Ratio Lower Upper
43 100
72 30.0 23.2 34.8



#26
2,2-Dichloropropane
Concen: 18.206 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 77 Resp: 63270
Ion Ratio Lower Upper
77 100
97 24.8 12.2 36.6



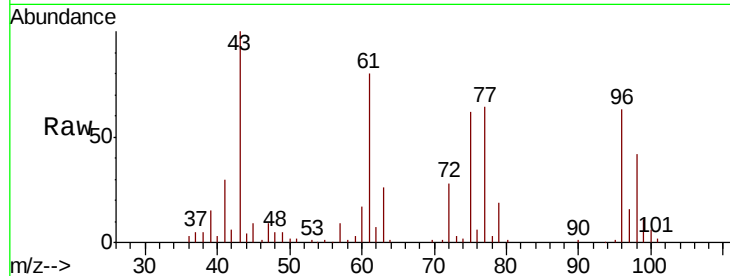


#27

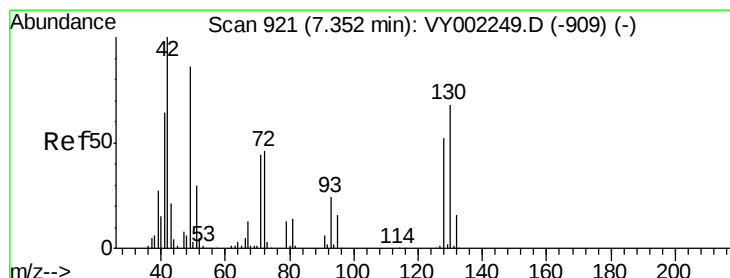
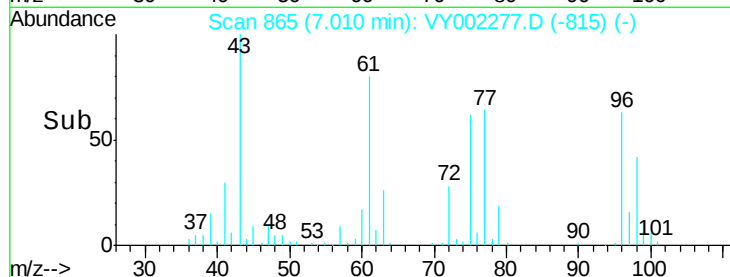
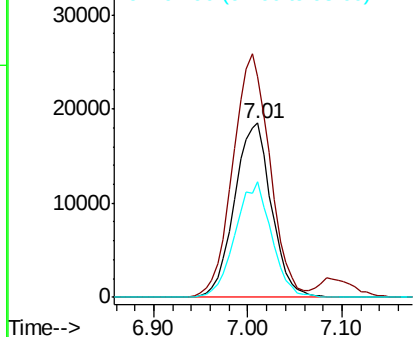
cis-1,2-Dichloroethene
 Concen: 18.388 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 50568
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 278.0
 98 65.0 0.0 128.6



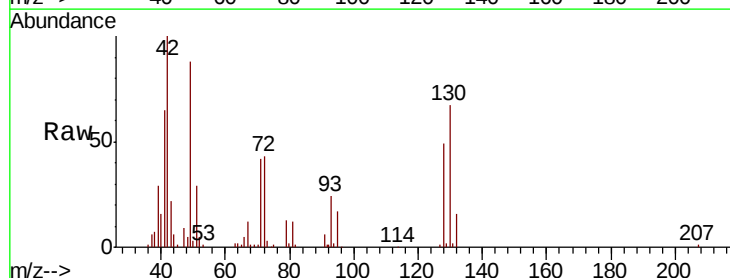
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



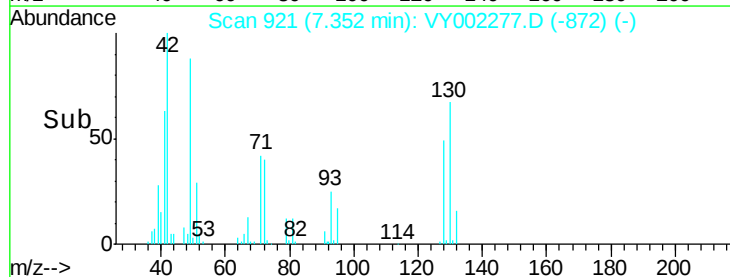
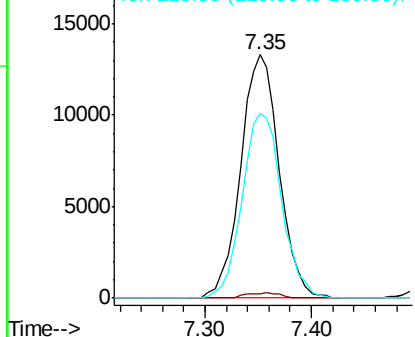
#28

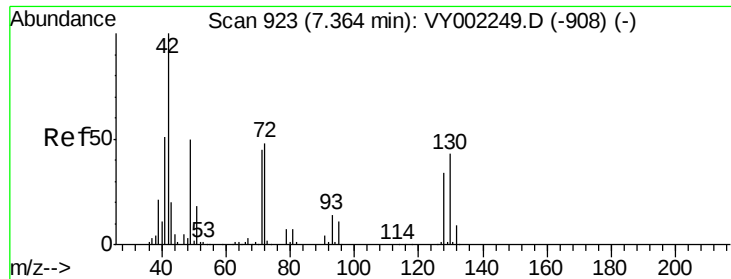
Bromochloromethane
 Concen: 18.761 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion: 49 Resp: 33647
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 78.0 60.9 91.3



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

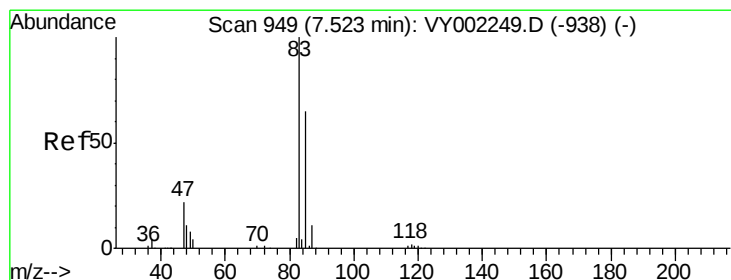
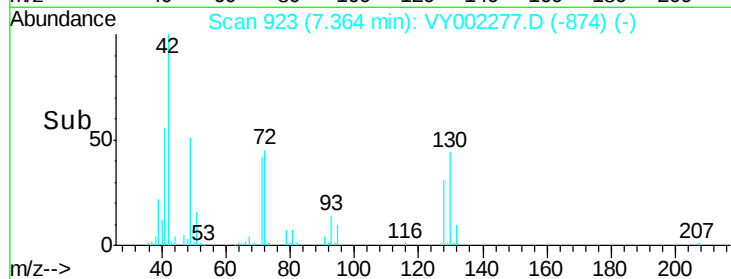
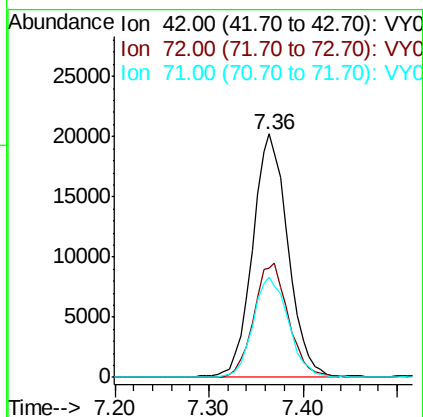
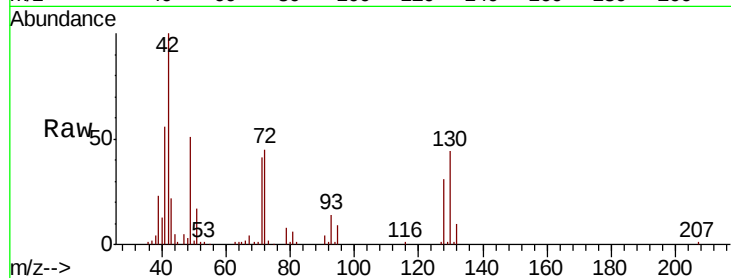




#29
Tetrahydrofuran
Concen: 93.685 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

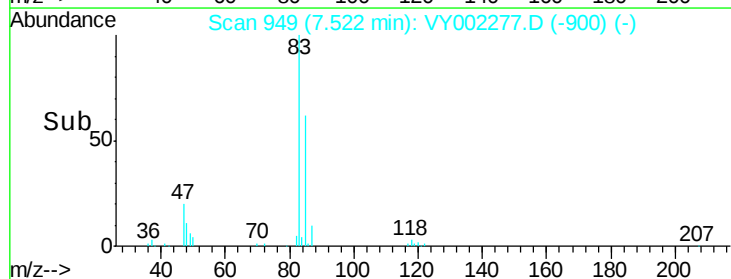
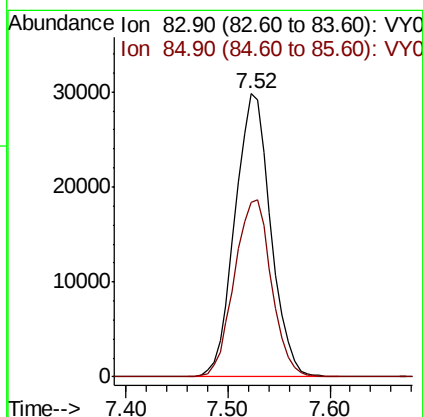
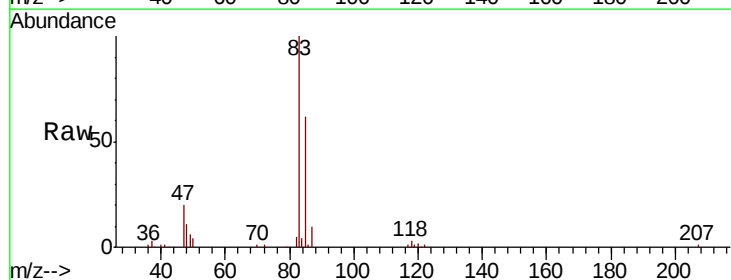
Instrument :
MSVOA_Y
ClientSampleId :

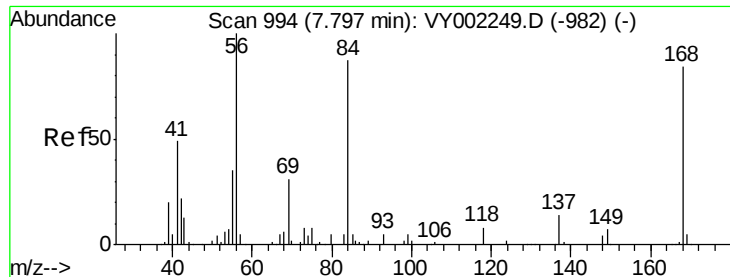
Tot Ion: 42 Resp: 53432
Ion Ratio Lower Upper
42 100
72 45.8 36.7 55.1
71 40.9 34.7 52.1



#30
Chloroform
Concen: 18.482 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 83 Resp: 72379
Ion Ratio Lower Upper
83 100
85 61.7 52.0 78.0

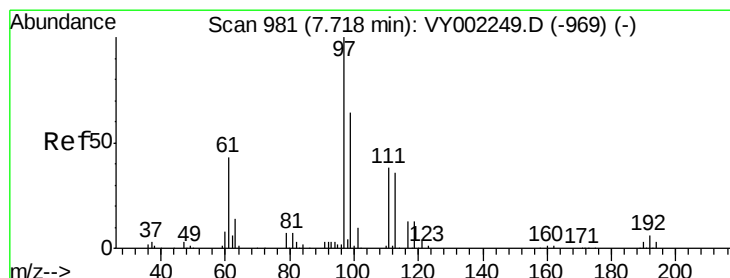
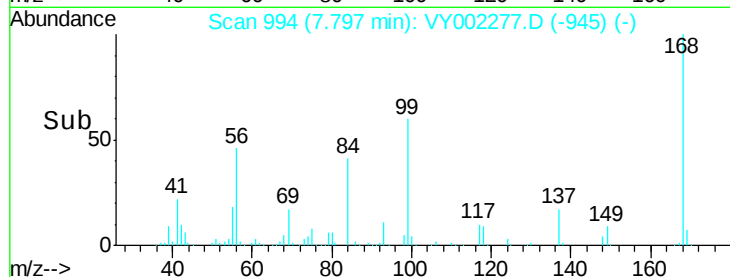
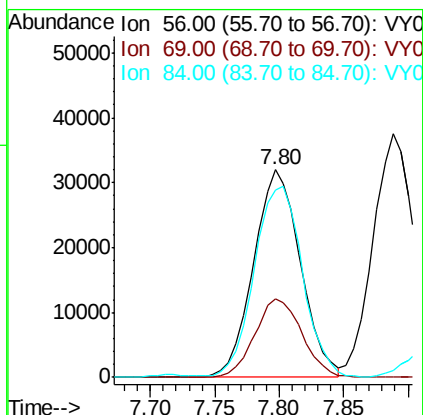
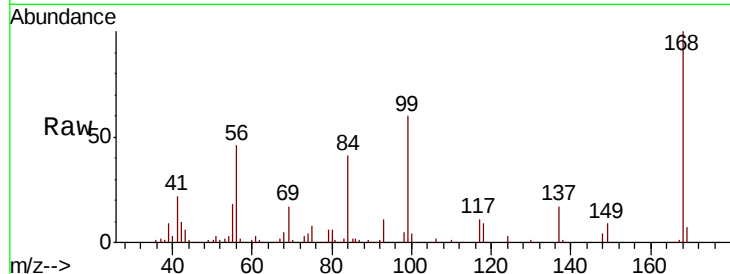




#31
Cyclohexane
Concen: 18.478 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

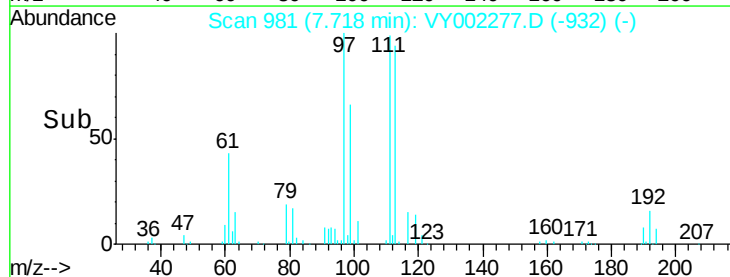
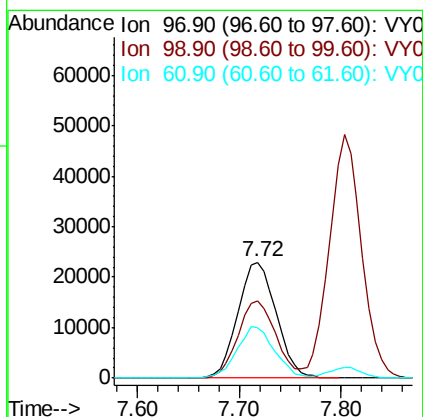
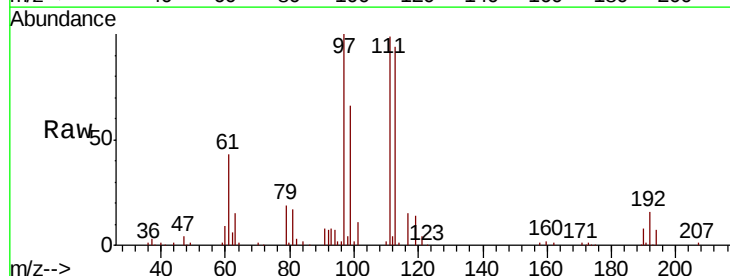
Instrument :
MSVOA_Y
ClientSampled :

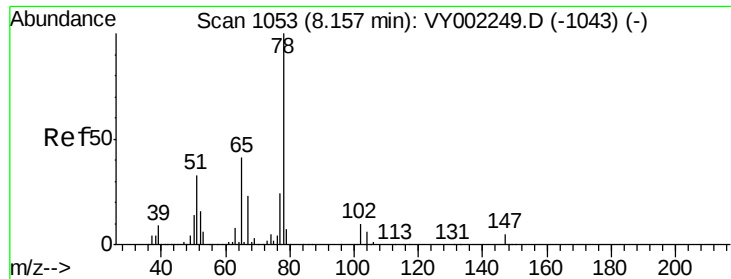
Tot Ion: 56 Resp: 80580
Ion Ratio Lower Upper
56 100
69 37.7 25.0 37.6#
84 89.4 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 18.455 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 97 Resp: 60156
Ion Ratio Lower Upper
97 100
99 66.0 51.3 76.9
61 43.5 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 46.482 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

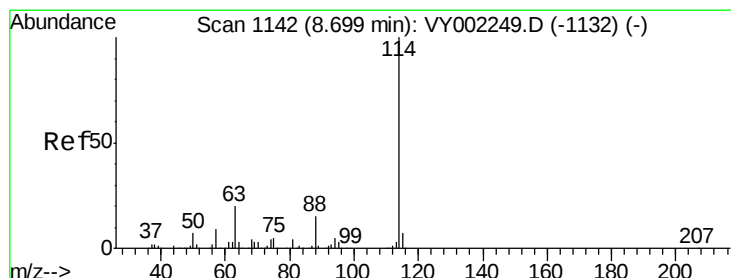
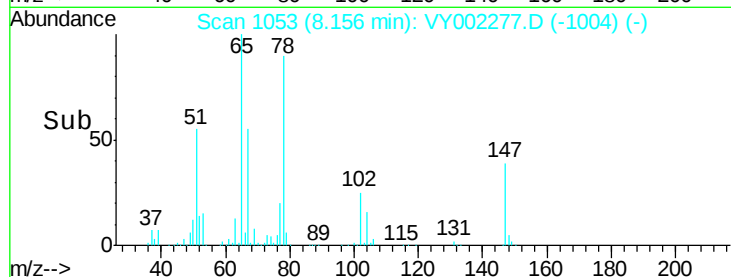
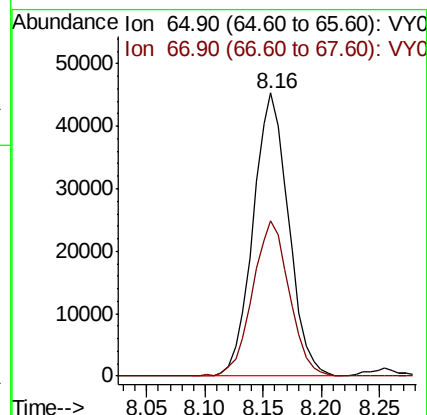
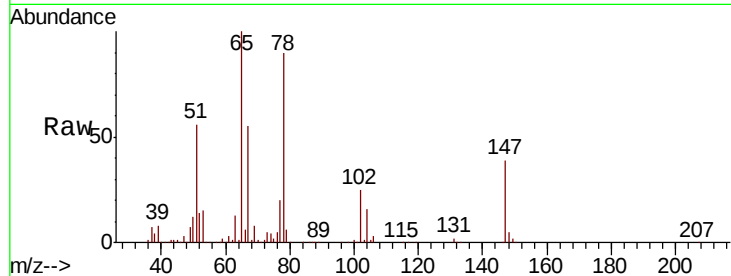
ClientSampled :

Tot Ion: 65 Resp: 96218

Ion Ratio Lower Upper

65 100

67 56.8 0.0 114.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

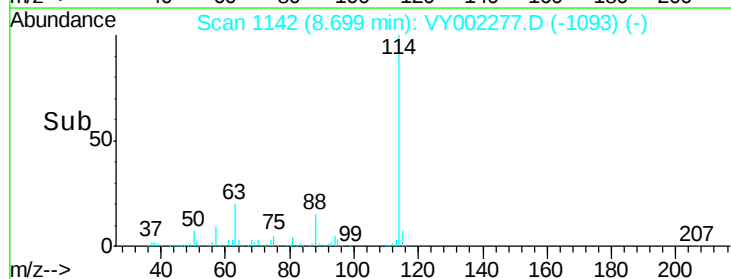
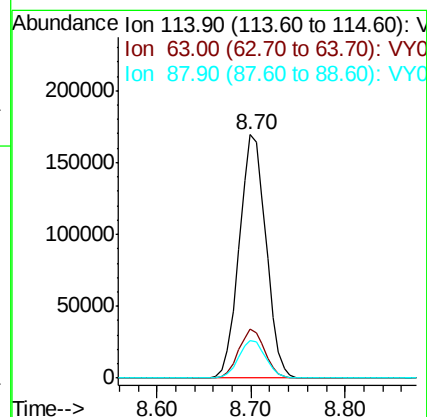
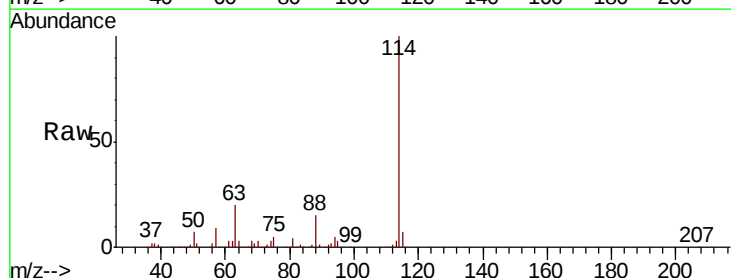
Tgt Ion: 114 Resp: 334541

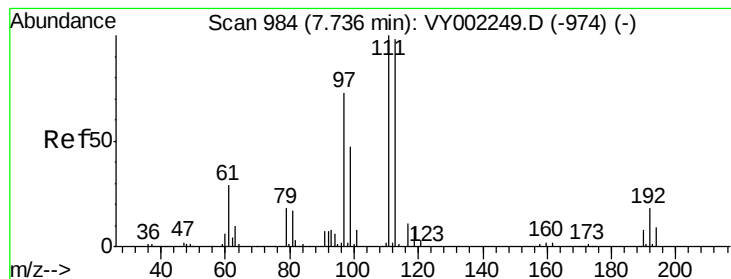
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.916 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampled :

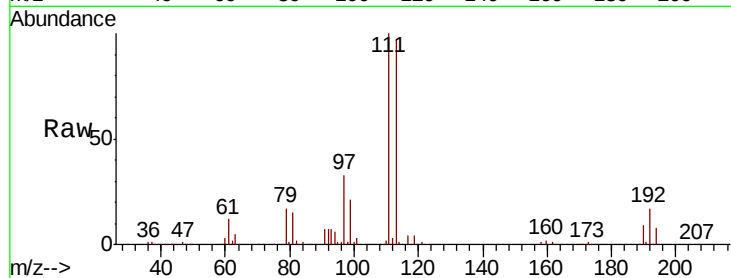
Tot Ion:113 Resp: 95382

Ion Ratio Lower Upper

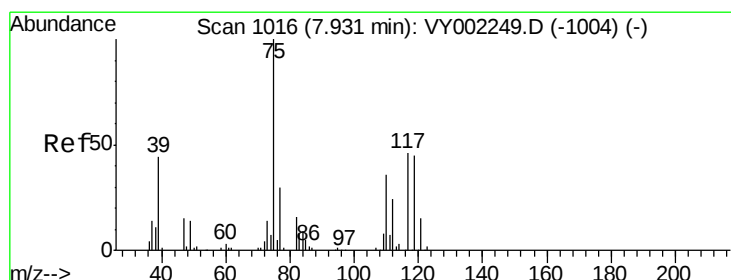
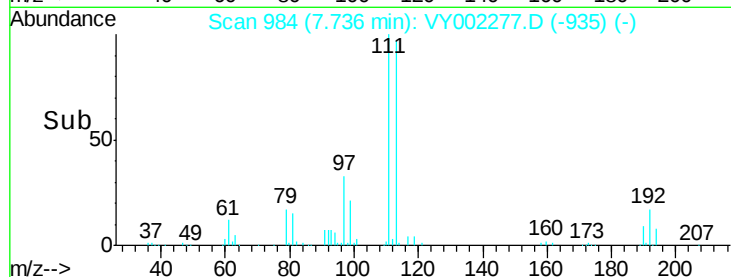
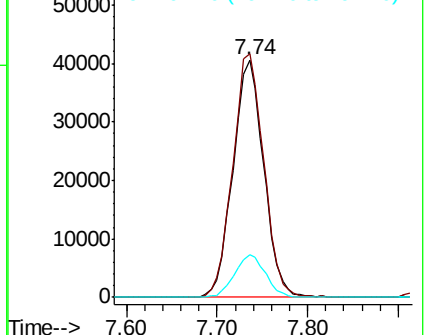
113 100

111 103.4 83.5 125.3

192 17.8 14.7 22.1



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: 18.719 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

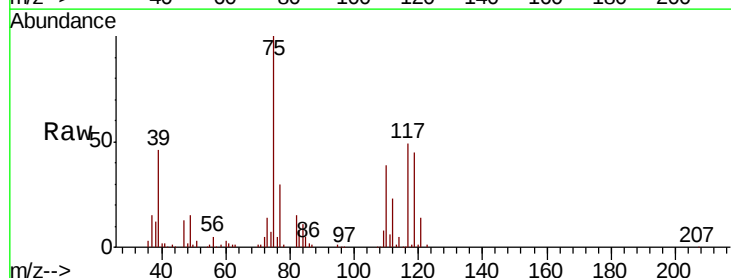
Tgt Ion: 75 Resp: 61682

Ion Ratio Lower Upper

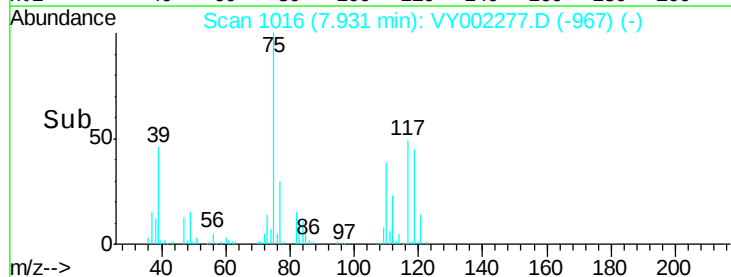
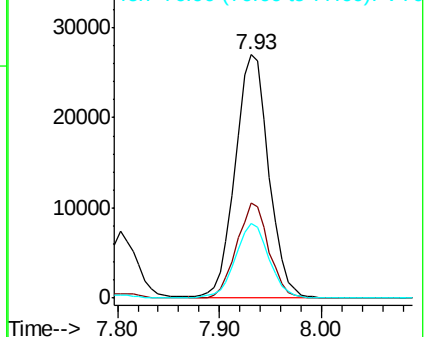
75 100

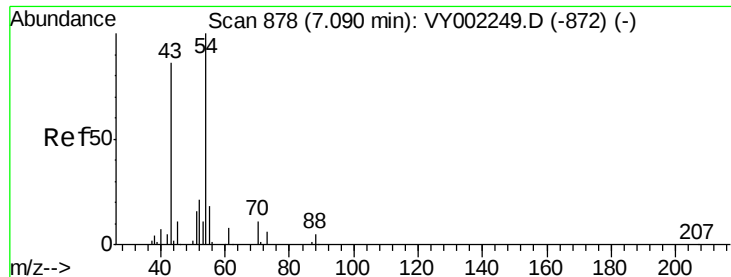
110 37.2 17.8 53.3

77 30.7 24.4 36.6



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

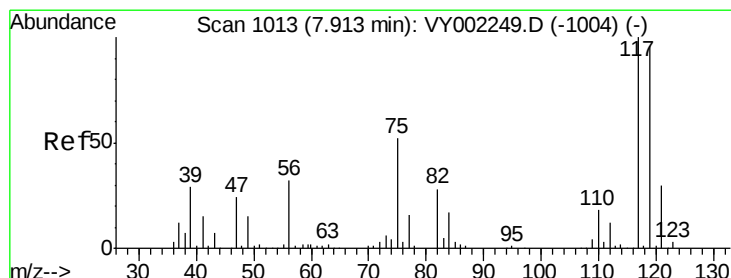
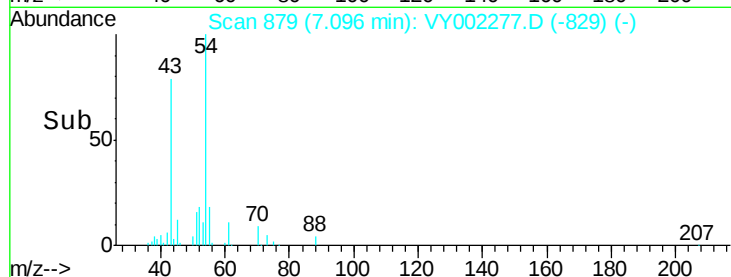
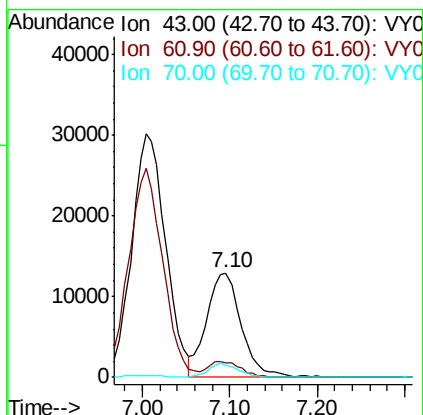
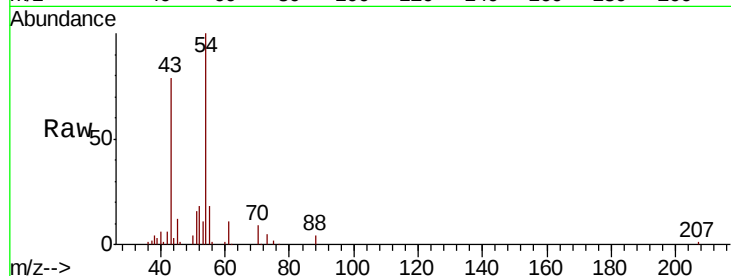




#37
Ethyl Acetate
Concen: 19.078 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

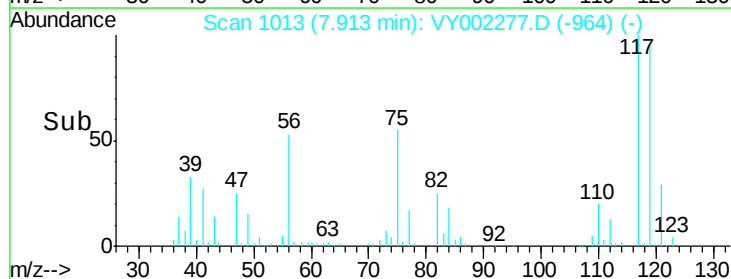
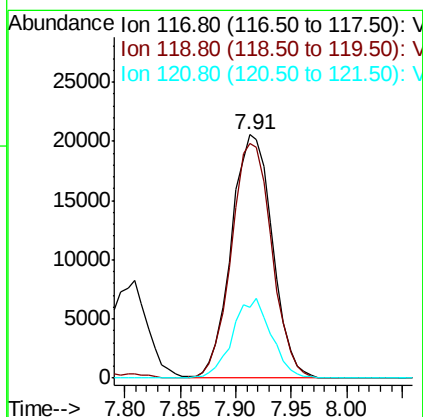
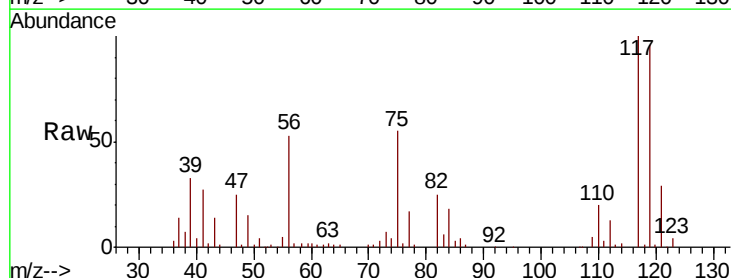
Instrument :
MSVOA_Y
ClientSampleId :

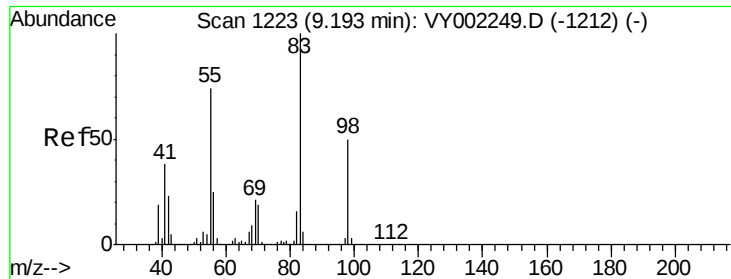
Tot Ion: 43 Resp: 35913
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.713 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 117 Resp: 52744
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7
121 29.0 23.9 35.9

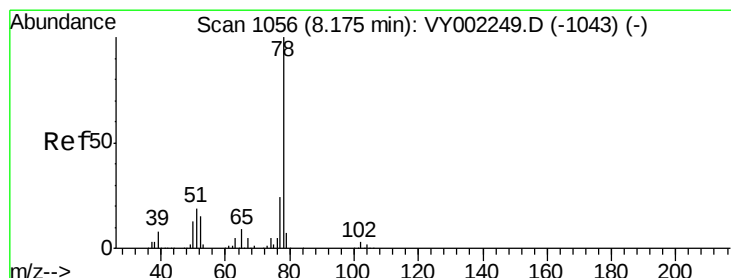
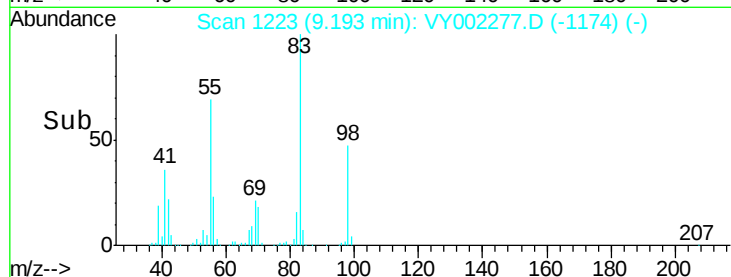
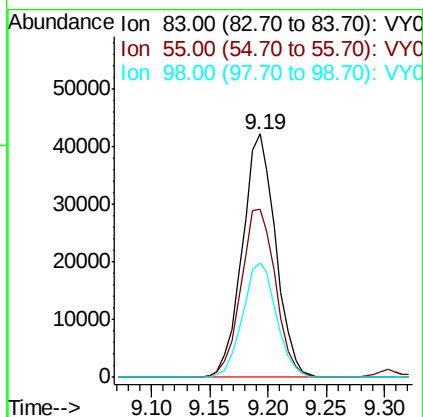
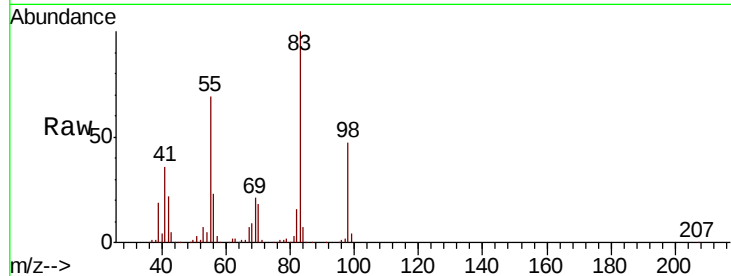




#39
Methvlcvclohexane
Concen: 18.750 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

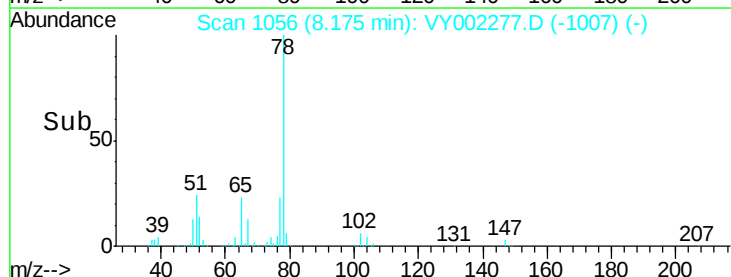
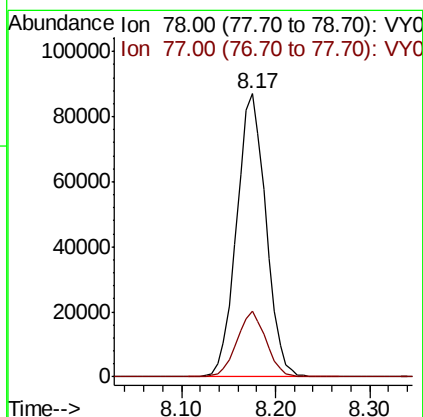
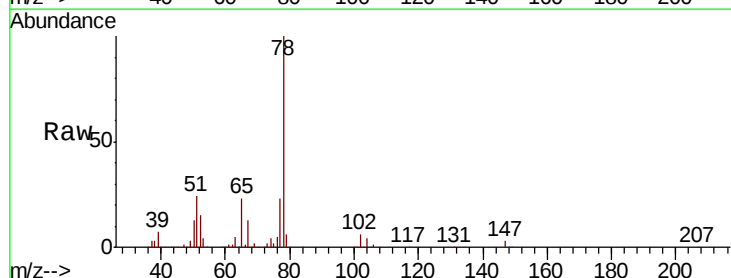
Instrument :
MSVOA_Y
ClientSampled :

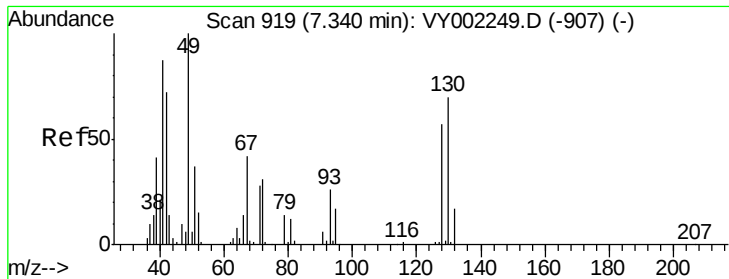
Tot Ion: 83 Resp: 84046
Ion Ratio Lower Upper
83 100
55 68.8 59.3 88.9
98 47.0 39.6 59.4



#40
Benzene
Concen: 18.888 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 78 Resp: 188836
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3





#41

Methacrylonitrile

Concen: 41.990 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 46630

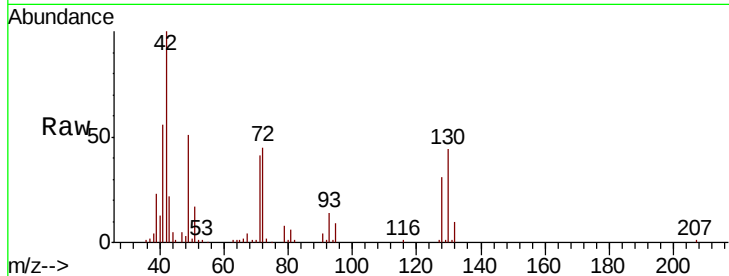
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

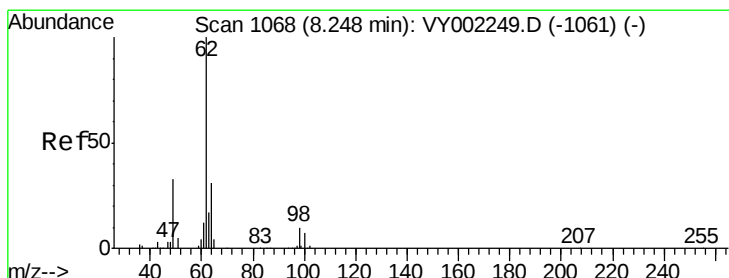
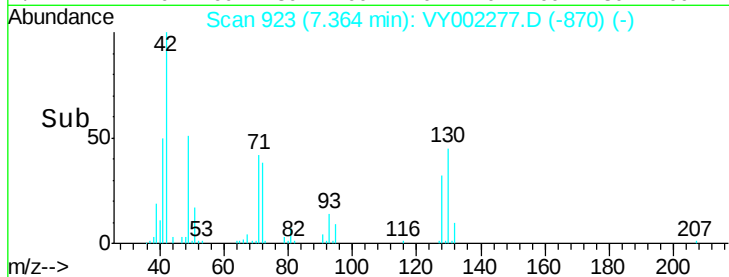
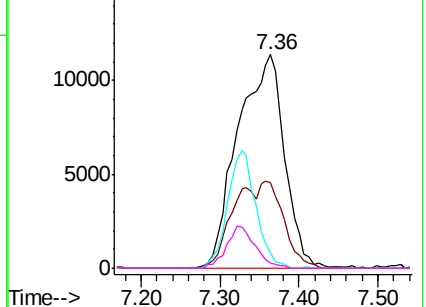


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 18.244 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VY002277.D

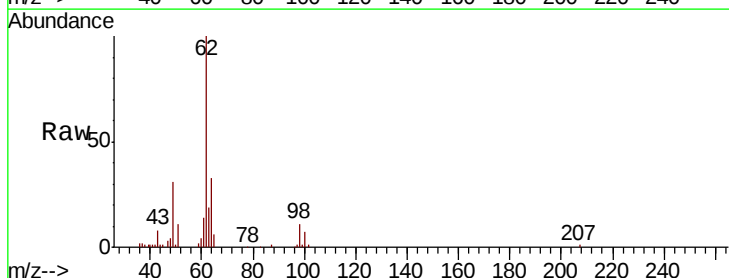
Acq: 13 Apr 2020 14:11

Tgt Ion: 62 Resp: 45181

Ion Ratio Lower Upper

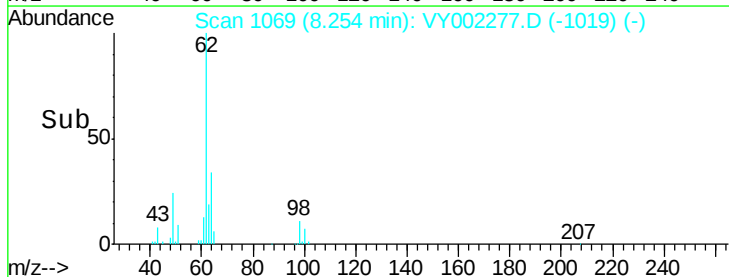
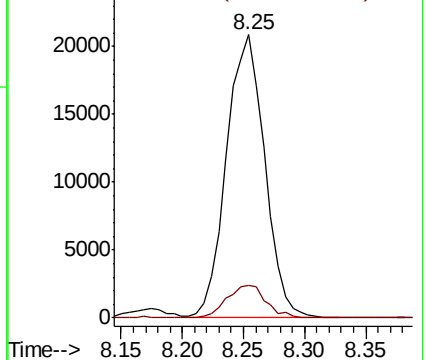
62 100

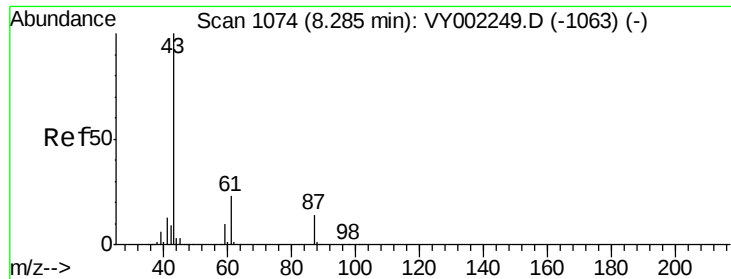
98 11.8 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

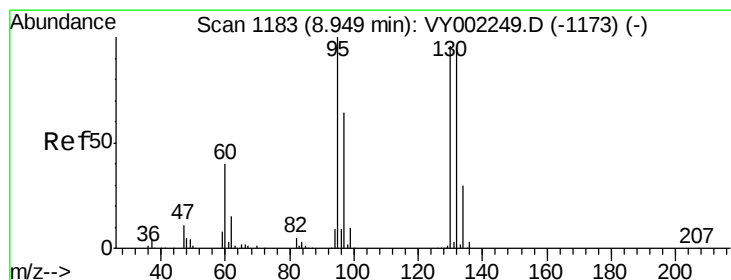
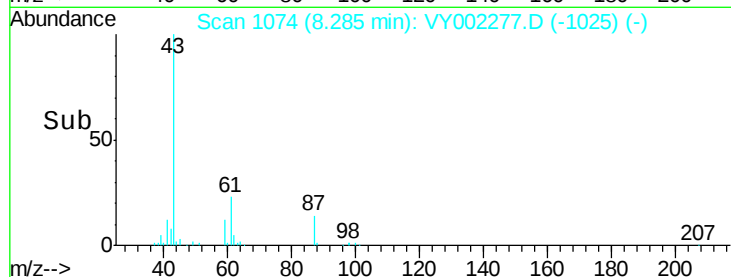
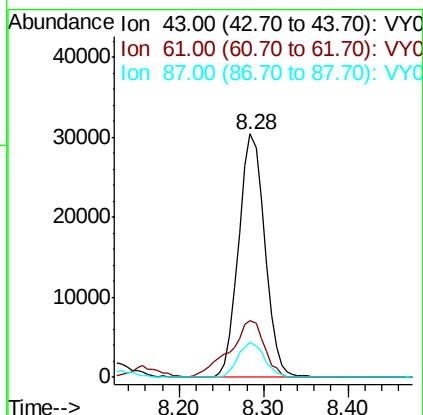
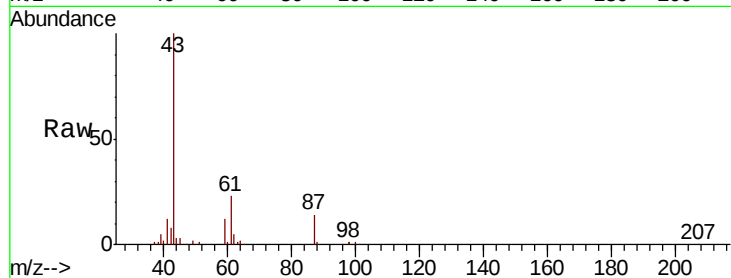




#43
Isopropyl Acetate
Concen: 18.525 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

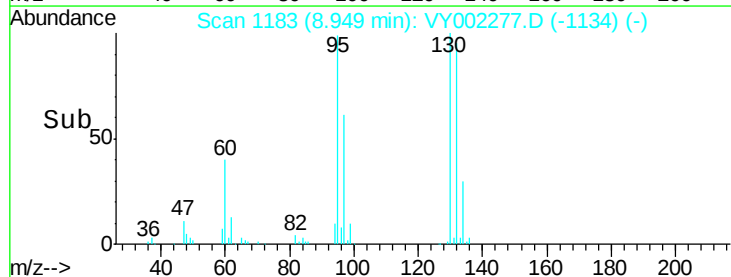
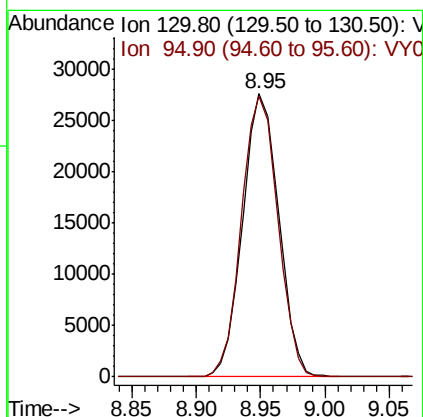
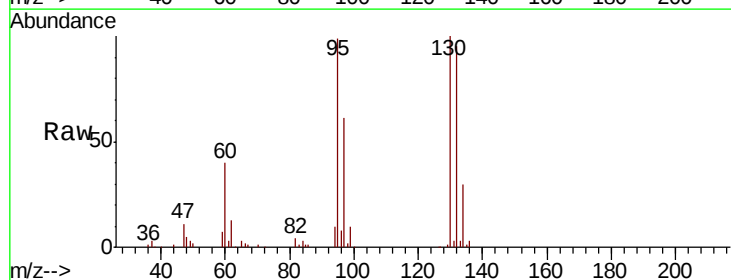
Instrument :
MSVOA_Y
ClientSampleId :

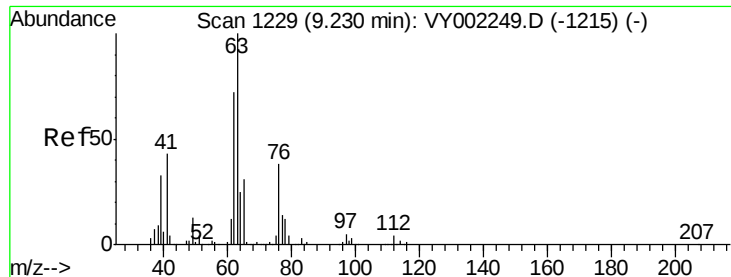
Tot Ion	43	Resp	63600
Ion Ratio	Lower	Upper	
43	100		
61	31.1	24.9	37.3
87	14.5	11.7	17.5



#44
Trichloroethene
Concen: 18.236 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	130	Resp	53602
Ion Ratio	Lower	Upper	
130	100		
95	99.2	0.0	208.2





#45

1,2-Dichloropropane

Concen: 18.855 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

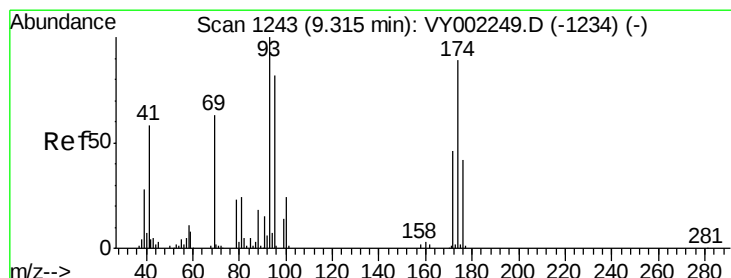
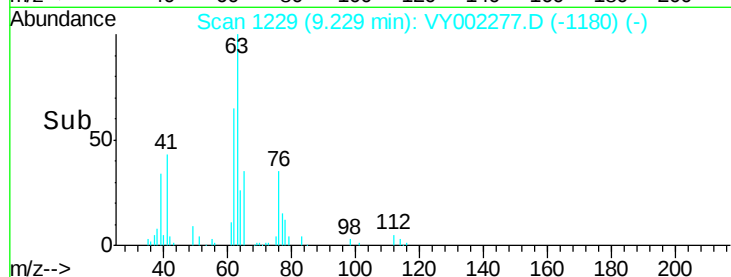
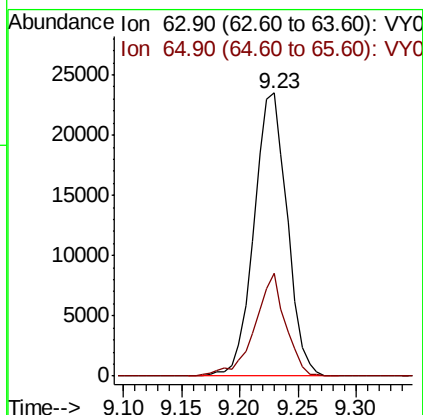
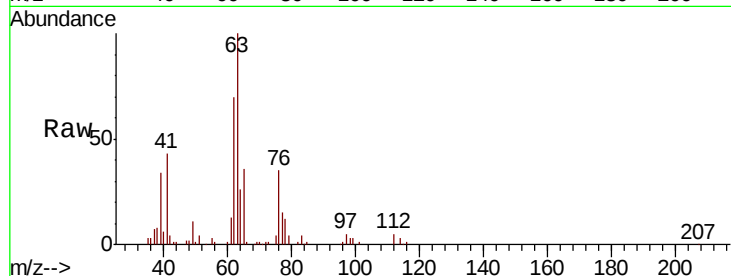
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 46772

Ion Ratio Lower Upper

63 100

65 36.4 24.6 37.0



#46

Dibromomethane

Concen: 18.342 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

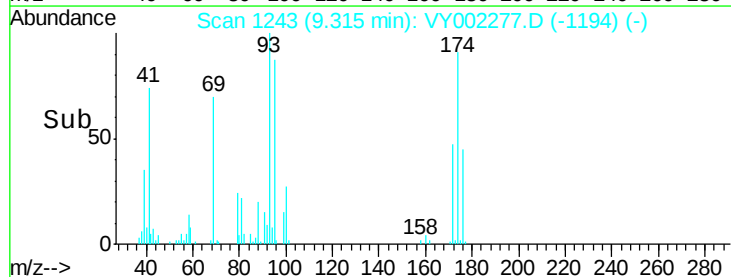
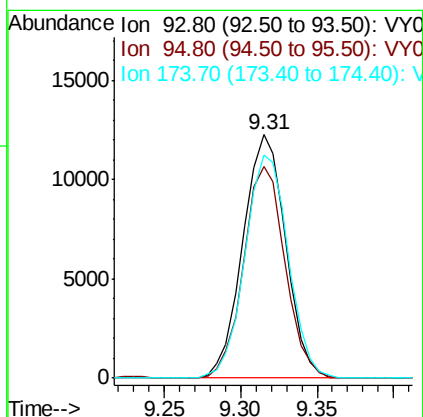
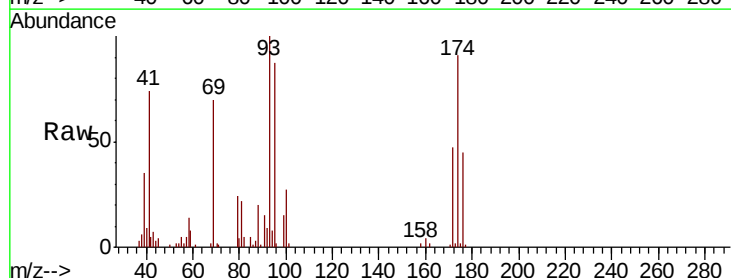
Tgt Ion: 93 Resp: 23789

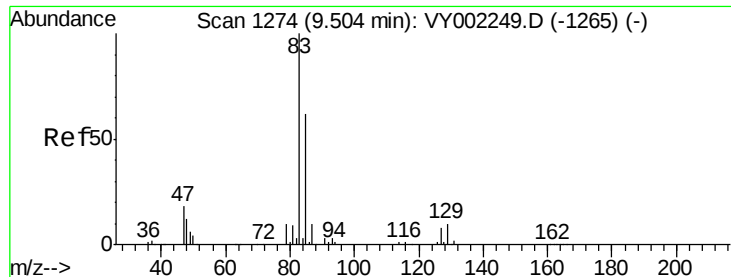
Ion Ratio Lower Upper

93 100

95 84.5 67.3 100.9

174 92.7 72.5 108.7





#47

Bromodichloromethane

Concen: 18.365 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

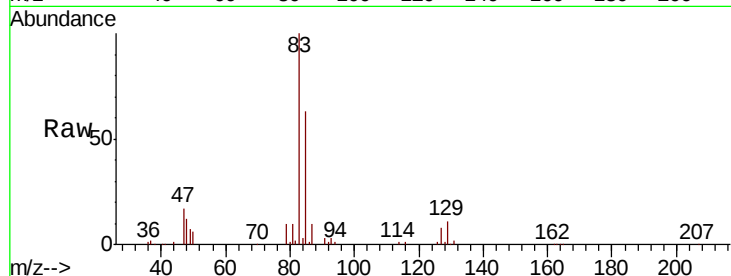
Tot Ion: 83 Resp: 54653

Ion Ratio Lower Upper

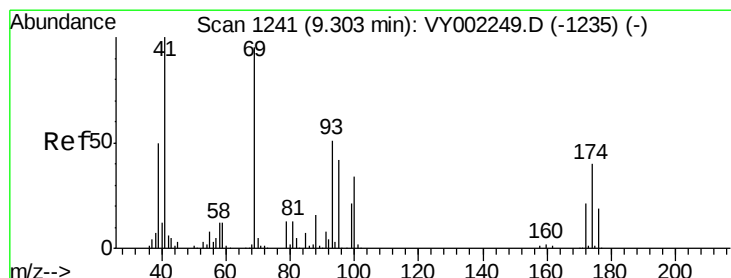
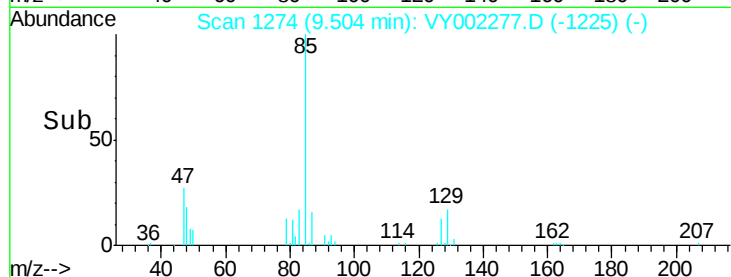
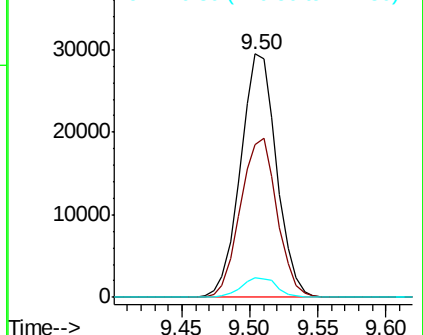
83 100

85 62.6 49.7 74.5

127 8.3 6.2 9.4



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



#48

Methyl methacrylate

Concen: 17.986 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

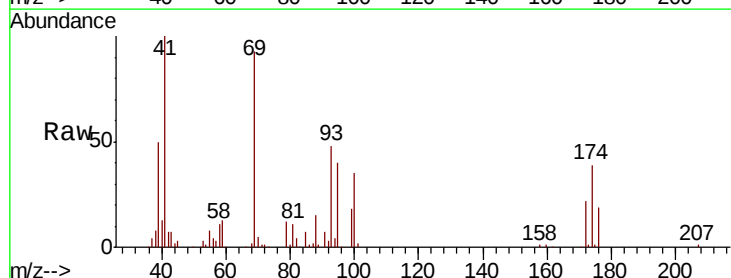
Tgt Ion: 41 Resp: 27688

Ion Ratio Lower Upper

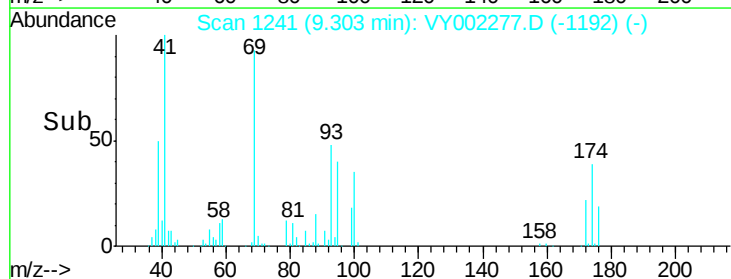
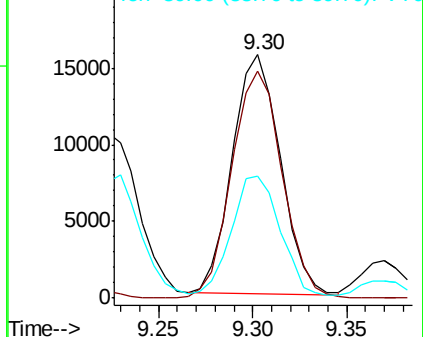
41 100

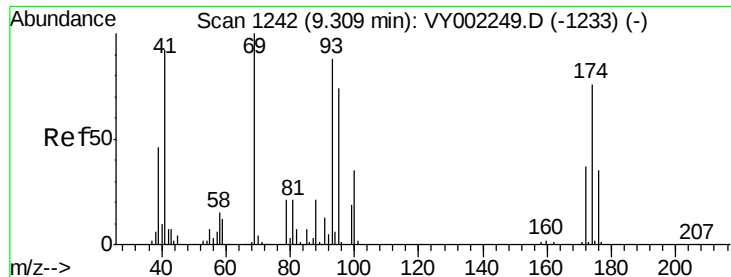
69 99.4 76.7 115.1

39 52.8 40.5 60.7



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

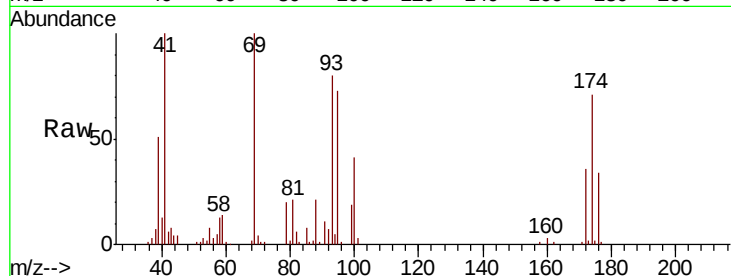




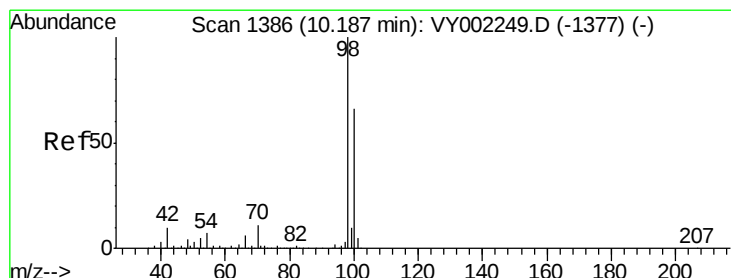
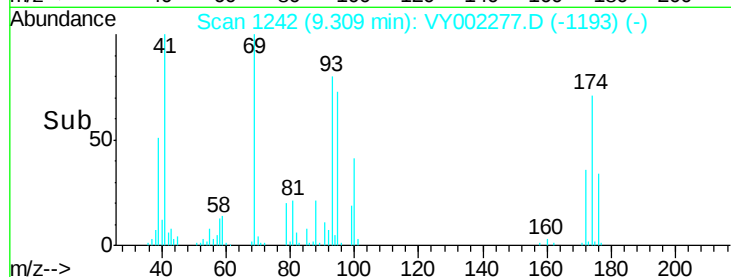
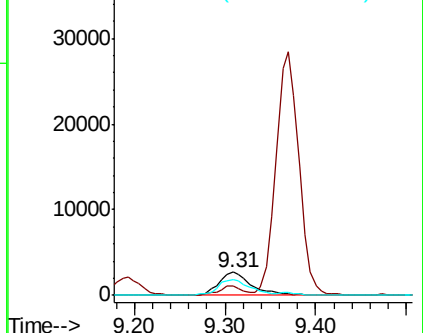
#49
1,4-Dioxane
Concen: 380.669 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 6984
Ion Ratio Lower Upper
88 100
43 28.8 22.2 33.2
58 65.1 57.6 86.4

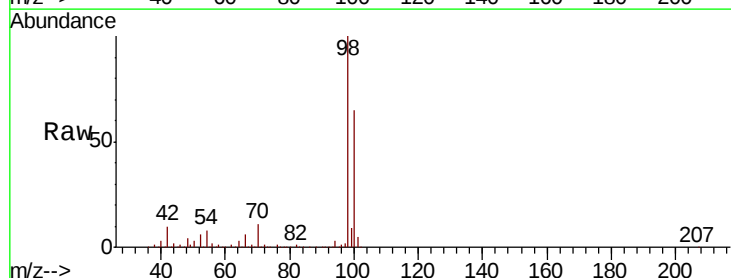


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

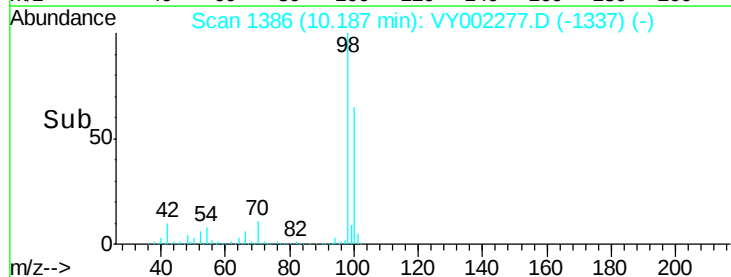
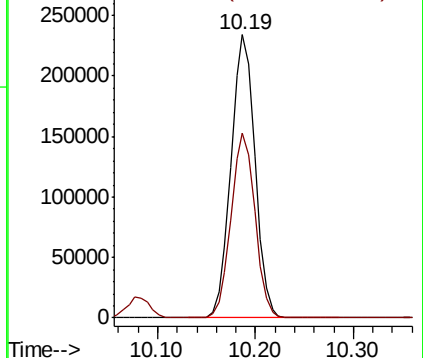


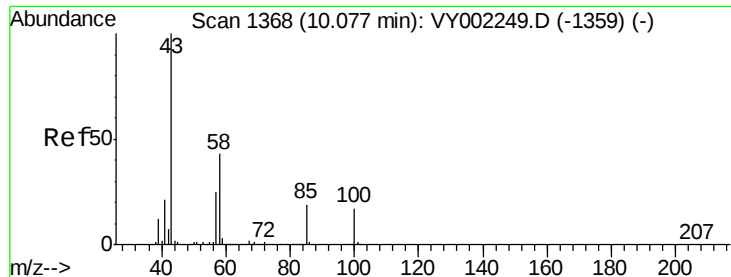
#50
Toluene-d8
Concen: 47.792 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 98 Resp: 398204
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



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

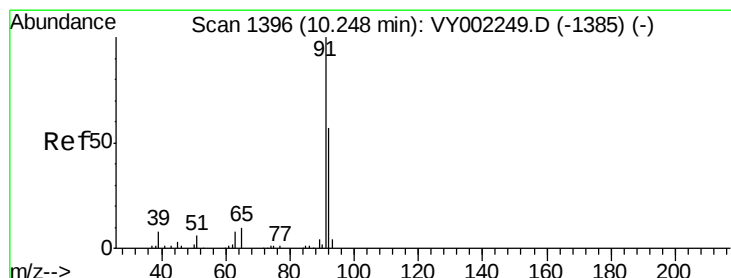
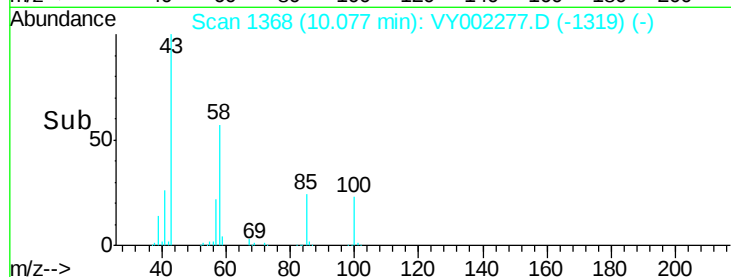
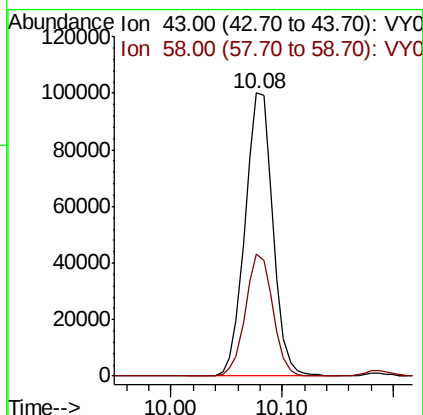
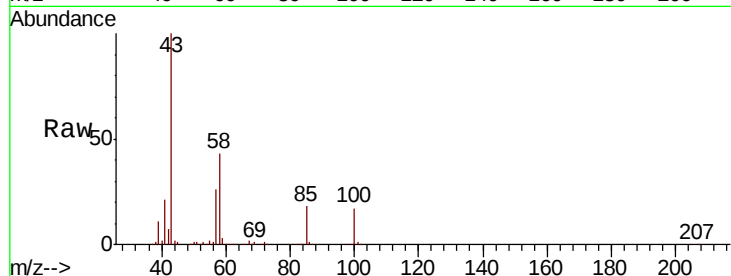




#51
 4-Methyl-2-Pentanone
 Concen: 97.326 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

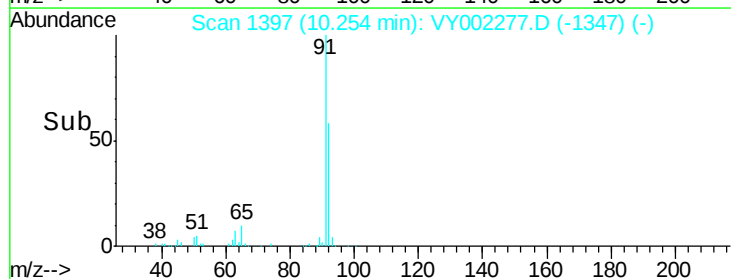
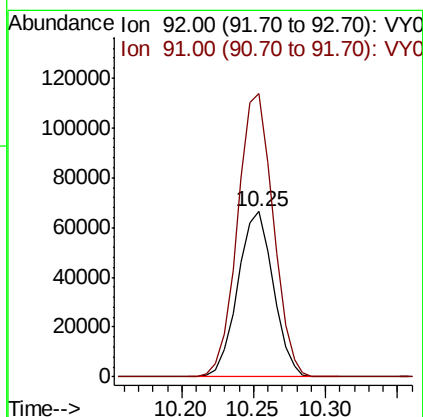
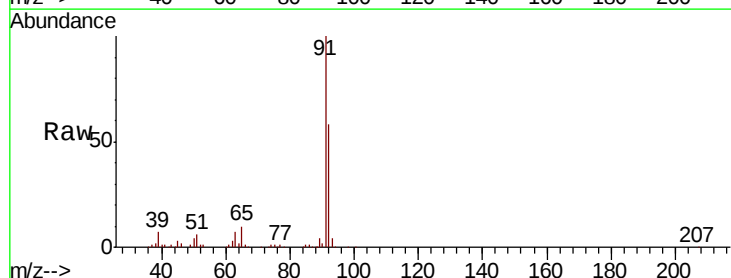
Instrument :
 MSVOA_Y
 ClientSampled :

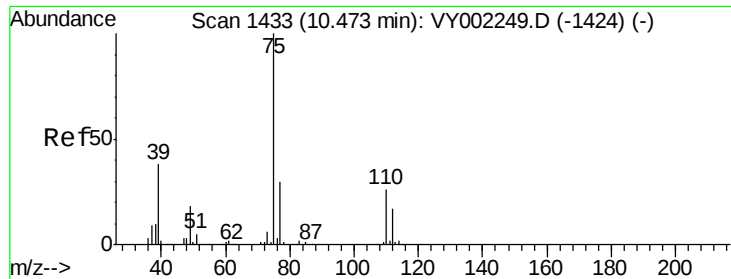
Tot Ion: 43 Resp: 174115
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.8 50.8



#52
 Toluene
 Concen: 18.873 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion: 92 Resp: 113711
 Ion Ratio Lower Upper
 92 100
 91 172.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.432 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

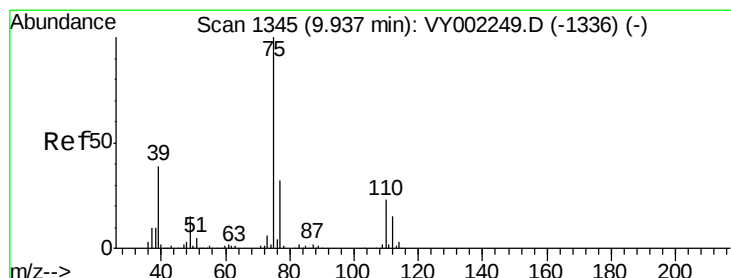
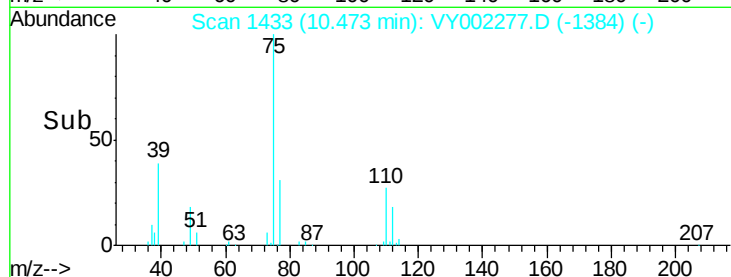
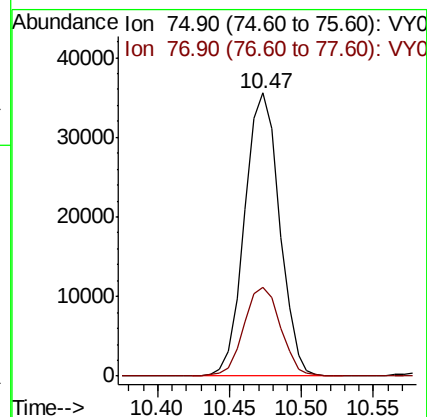
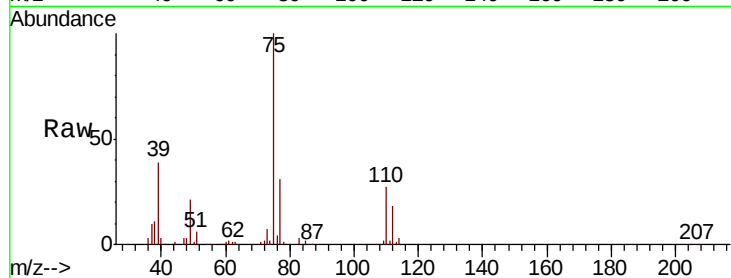
ClientSampleId :

Tot Ion: 75 Resp: 59764

Ion Ratio Lower Upper

75 100

77 31.5 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 19.019 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

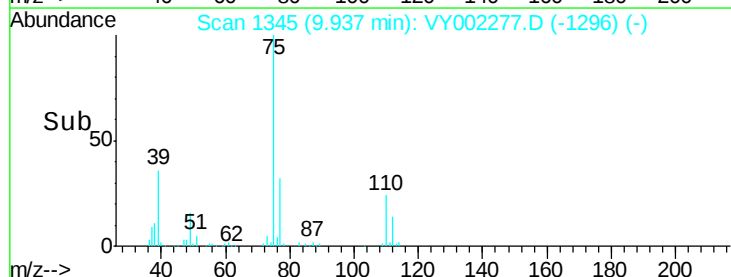
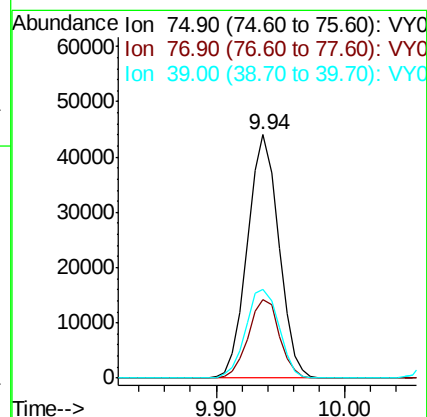
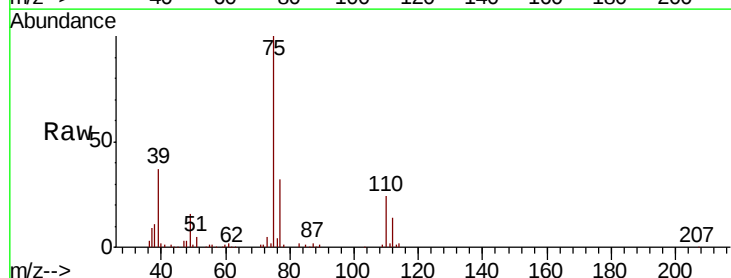
Tgt Ion: 75 Resp: 74139

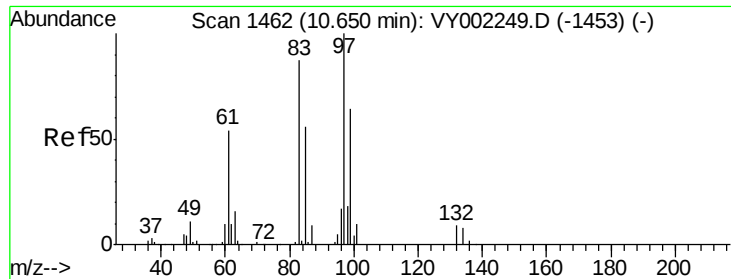
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

39 36.5 30.8 46.2

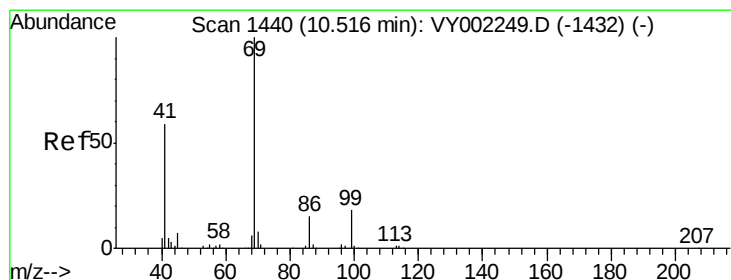
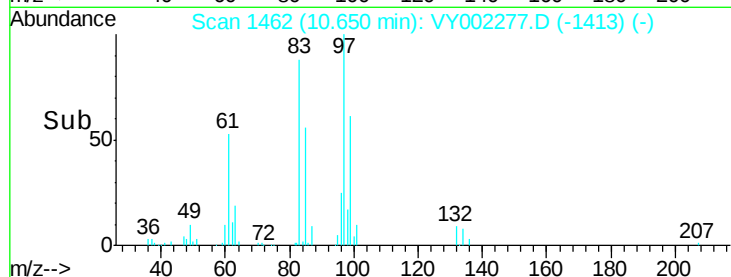
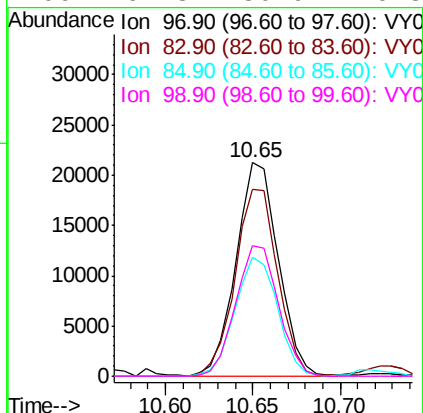
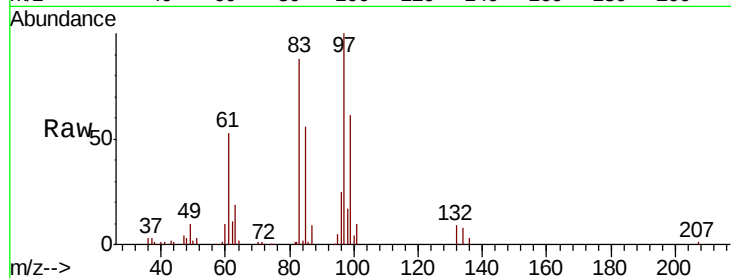




#55
 1,1,2-Trichloroethane
 Concen: 18.885 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

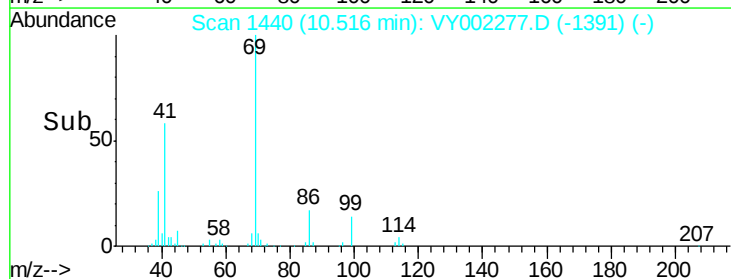
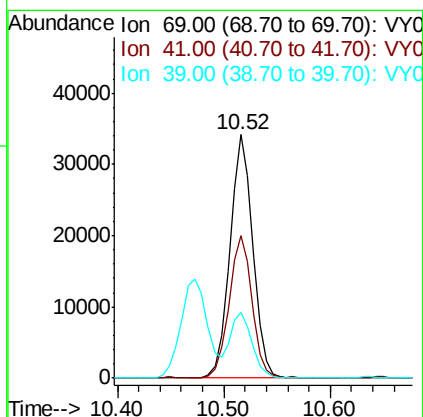
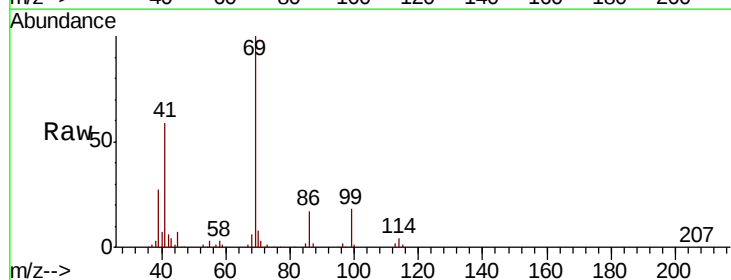
Instrument :
 MSVOA_Y
 ClientSampleId :

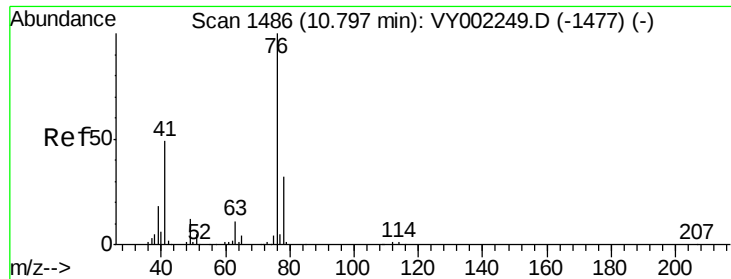
Tot Ion: 97 Resp: 35860
 Ion Ratio Lower Upper
 97 100
 83 87.5 69.5 104.3
 85 55.6 45.2 67.8
 99 61.3 50.9 76.3



#56
 Ethyl methacrylate
 Concen: 19.019 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion: 69 Resp: 51545
 Ion Ratio Lower Upper
 69 100
 41 58.7 47.9 71.9
 39 26.0 23.8 35.6





#57

1,3-Dichloropropane

Concen: 18.696 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

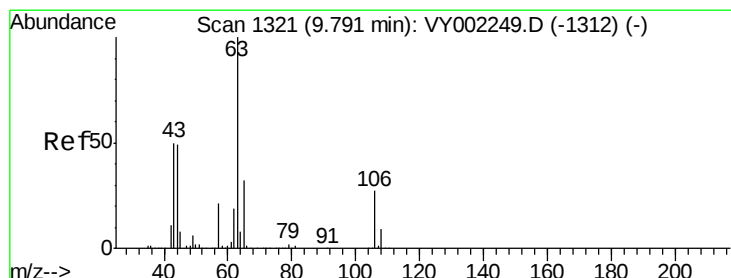
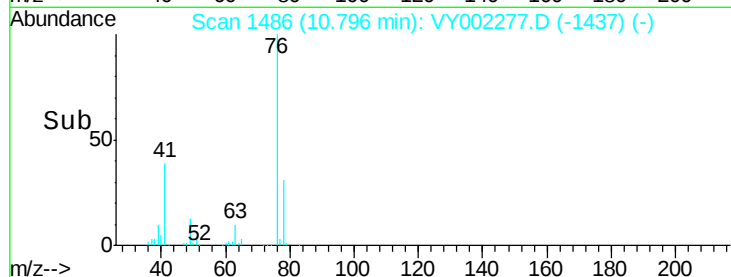
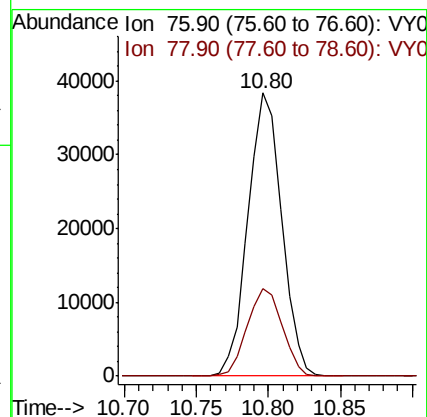
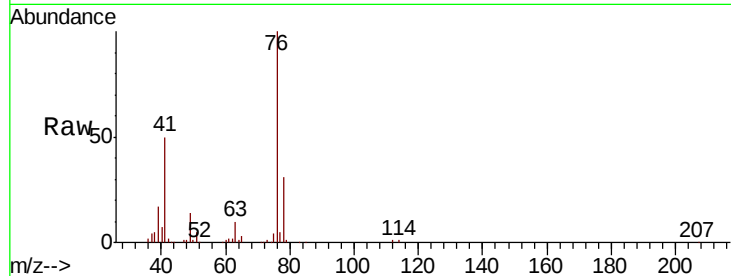
ClientSampleId :

Tot Ion: 76 Resp: 62398

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.332 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY002277.D

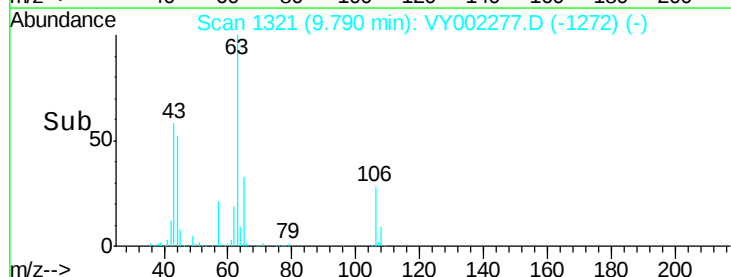
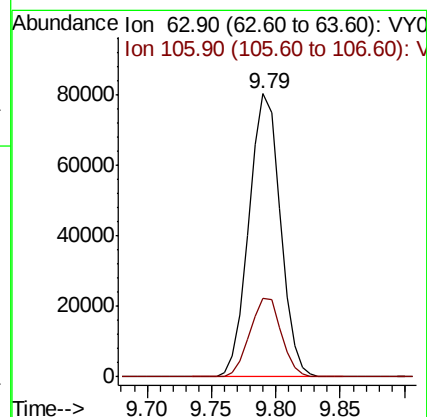
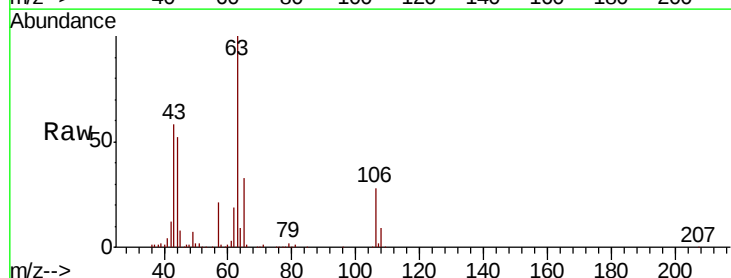
Acq: 13 Apr 2020 14:11

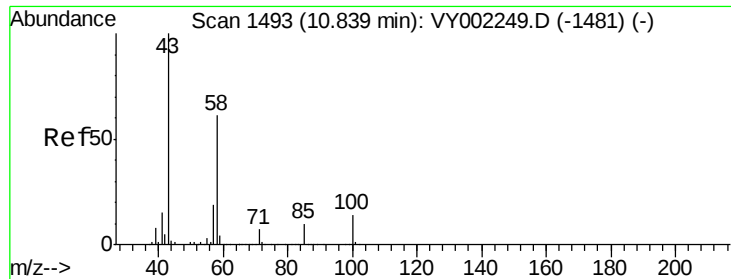
Tgt Ion: 63 Resp: 135195

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.2





#59

2-Hexanone

Concen: 94.047 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

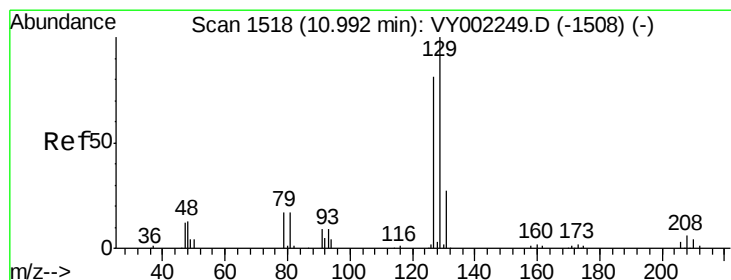
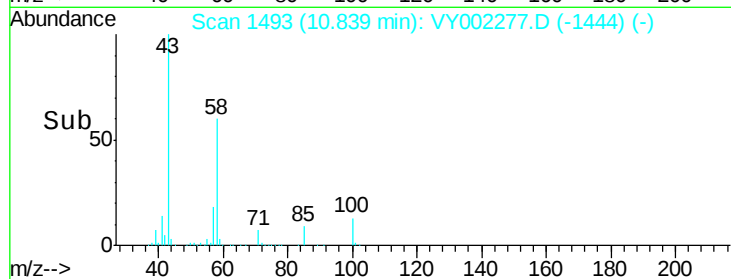
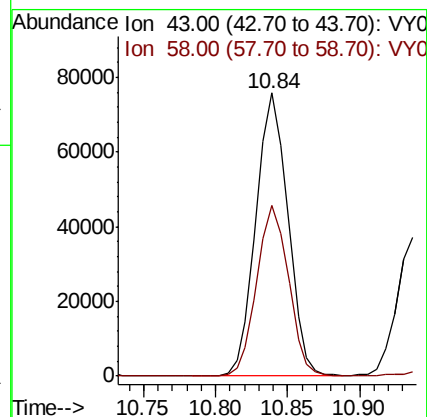
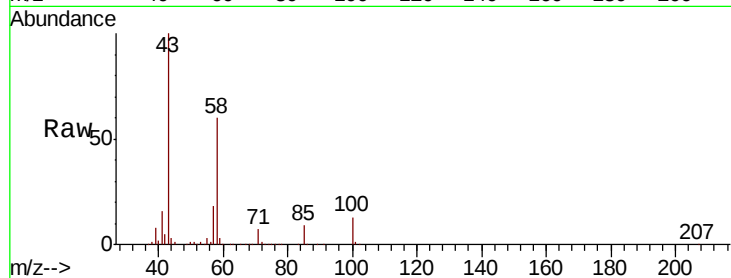
ClientSampled :

Tot Ion: 43 Resp: 116769

Ion Ratio Lower Upper

43 100

58 59.8 29.8 89.3



#60

Dibromochloromethane

Concen: 18.777 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VY002277.D

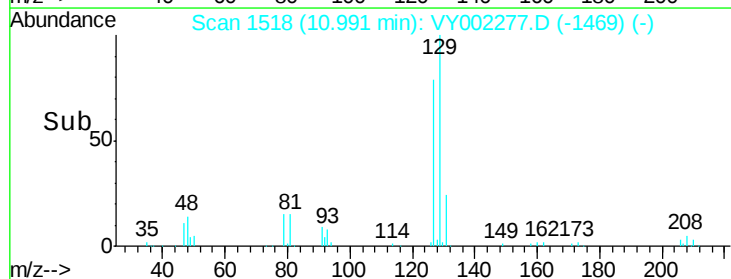
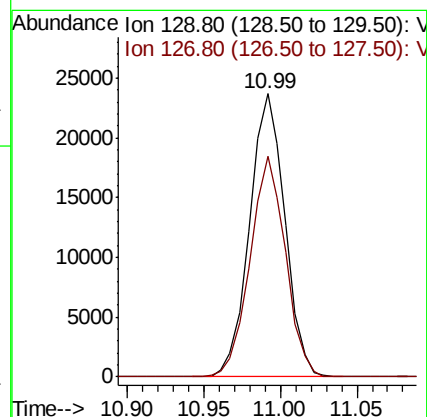
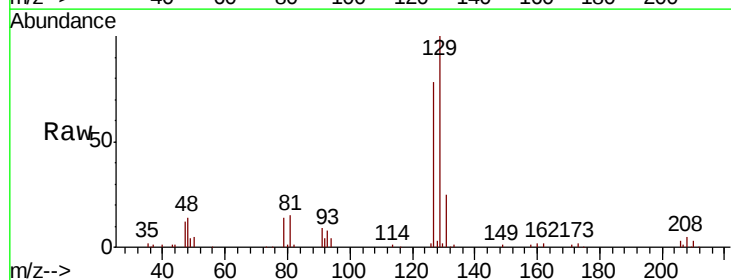
Acq: 13 Apr 2020 14:11

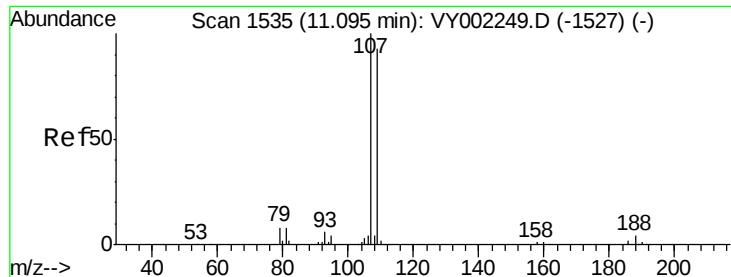
Tgt Ion: 129 Resp: 38019

Ion Ratio Lower Upper

129 100

127 77.7 39.0 117.0

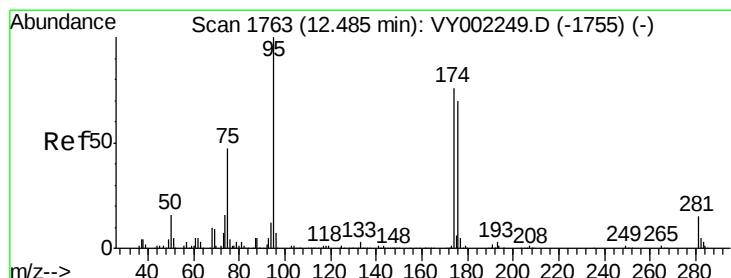
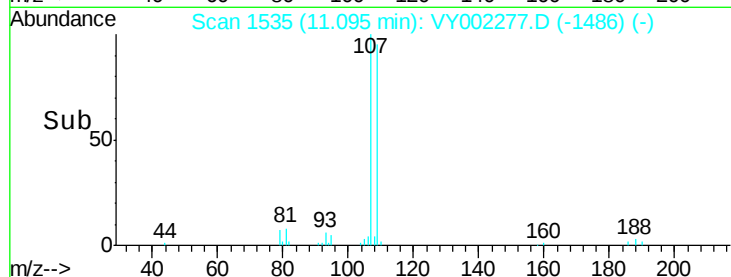
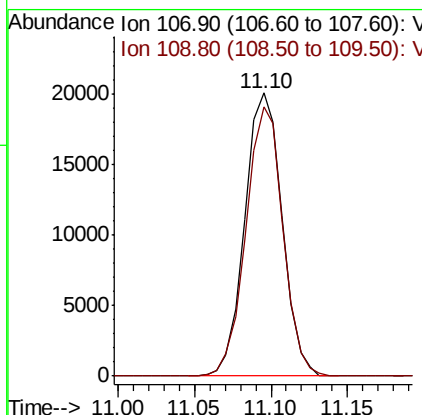
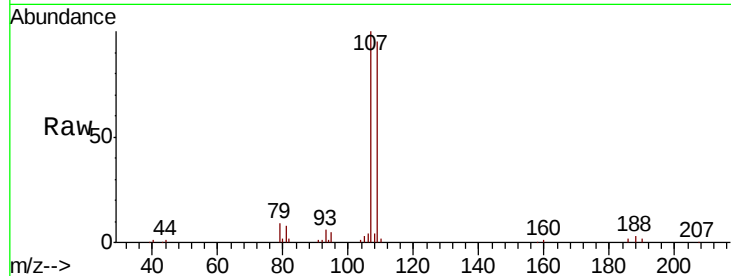




#61
 1,2-Dibromoethane
 Concen: 18.835 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

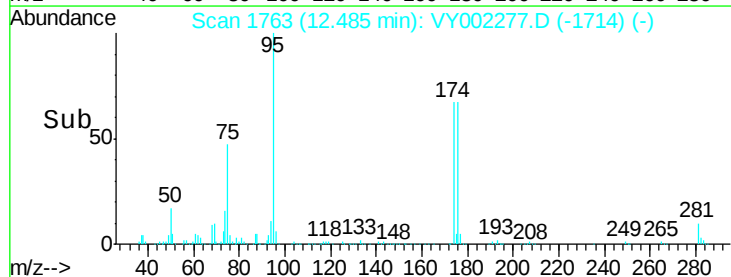
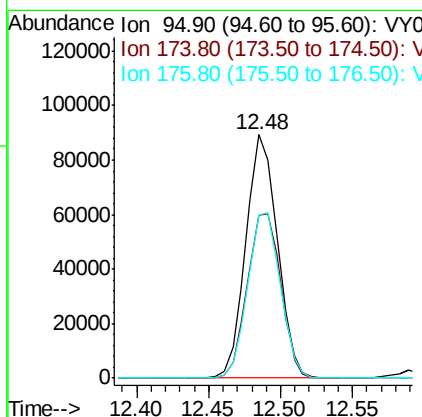
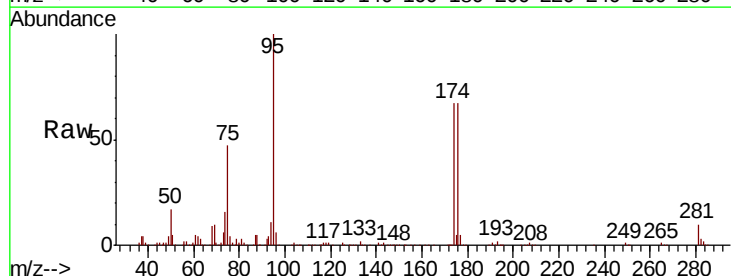
Instrument :
 MSVOA_Y
 ClientSampleId :

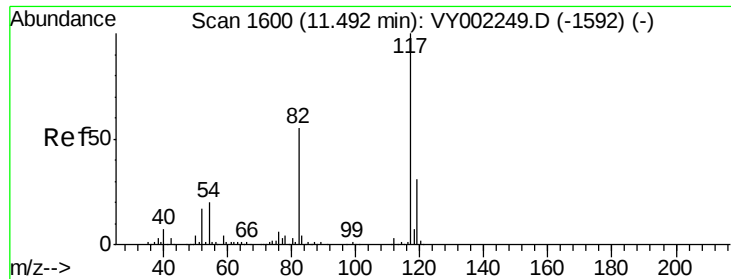
Tot Ion:107 Resp: 34049
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.935 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion: 95 Resp: 134514
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 150.6
 176 70.7 0.0 141.4

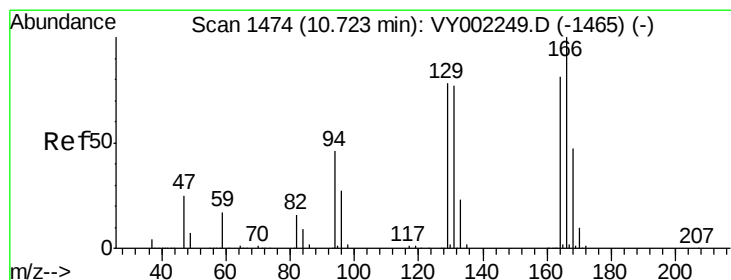
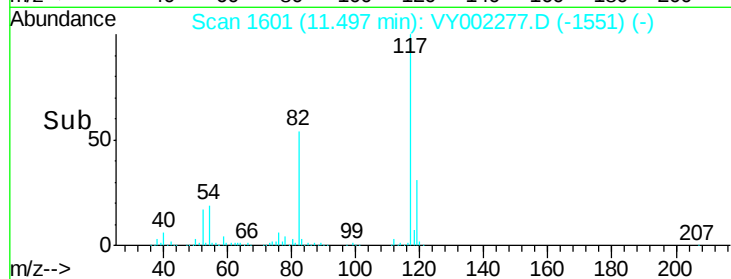
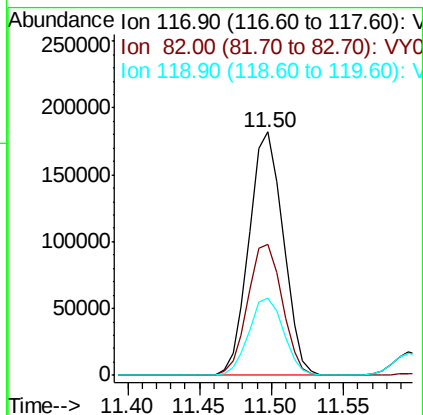
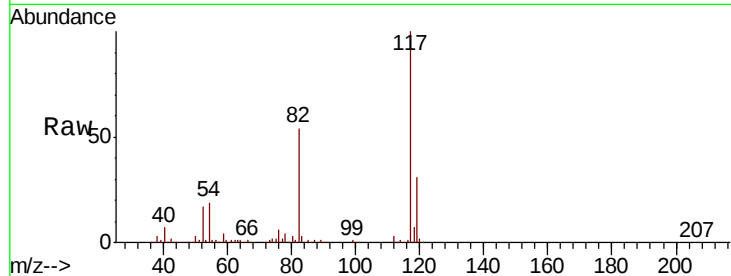




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

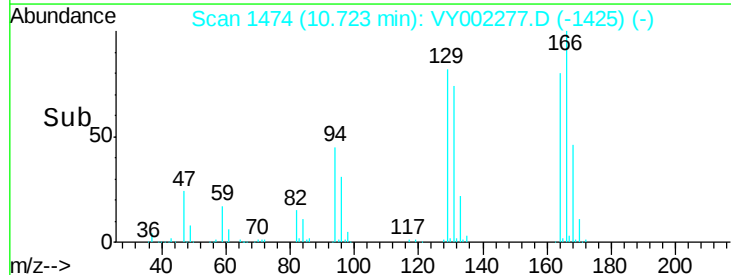
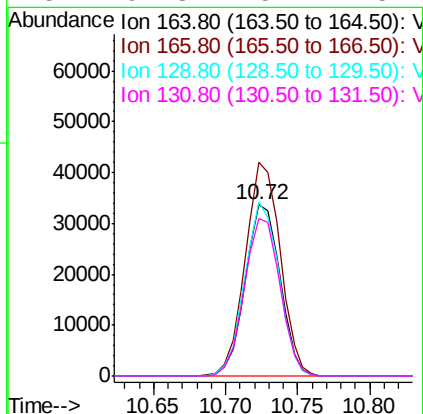
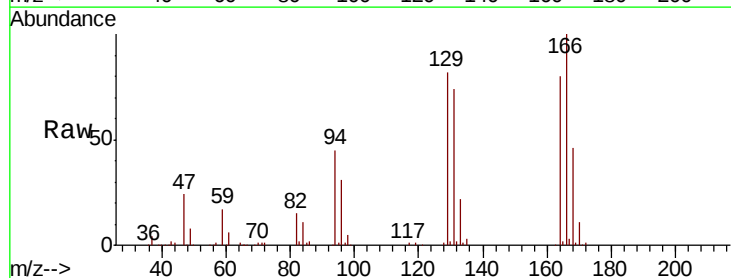
Instrument :
MSVOA_Y
ClientSampled :

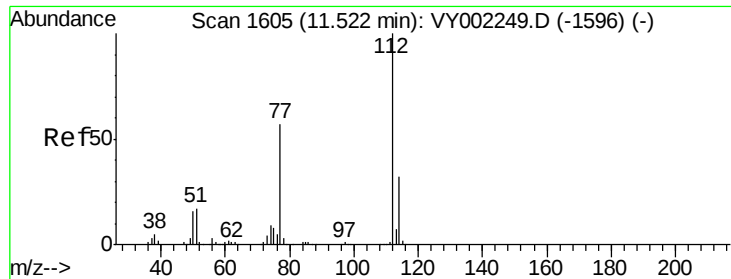
Tot Ion:117 Resp: 299263
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.4
119 31.5 25.1 37.7



#64
Tetrachloroethene
Concen: 18.661 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion:164 Resp: 56461
Ion Ratio Lower Upper
164 100
166 124.9 98.4 147.6
129 101.8 76.6 115.0
131 92.3 75.4 113.2

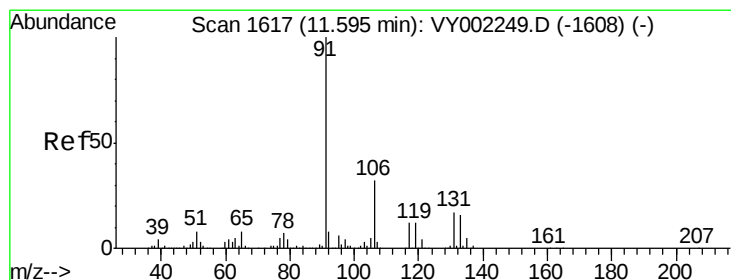
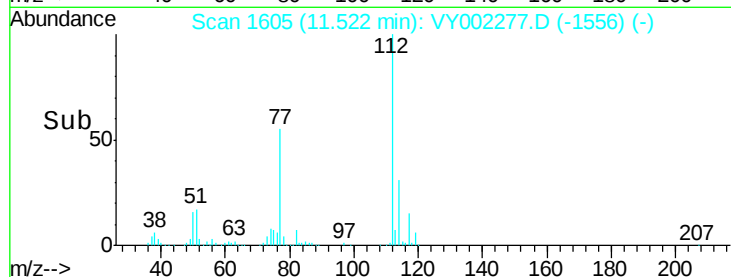
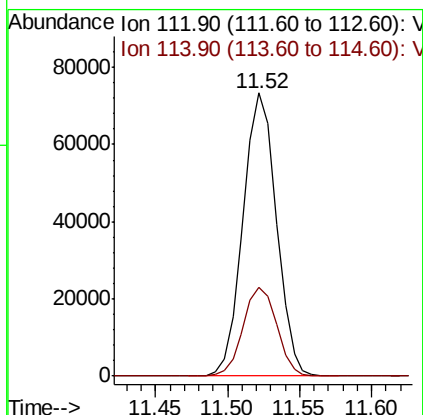
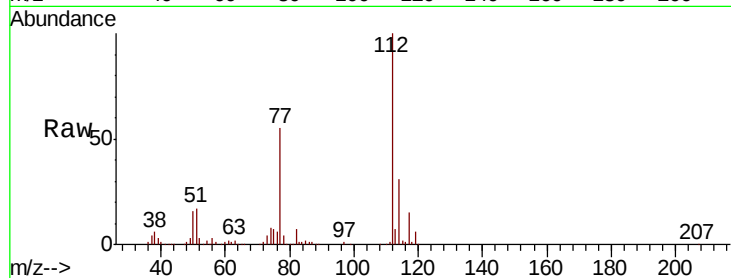




#65
Chlorobenzene
Concen: 18.951 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

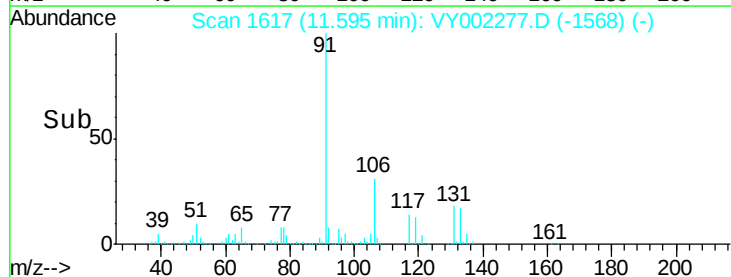
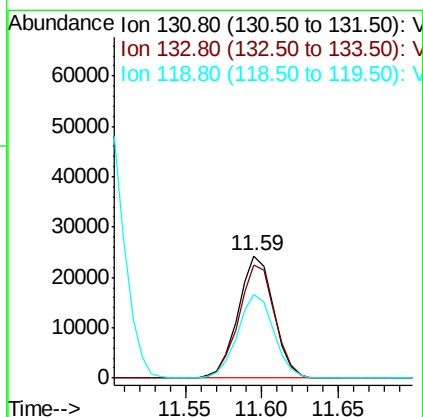
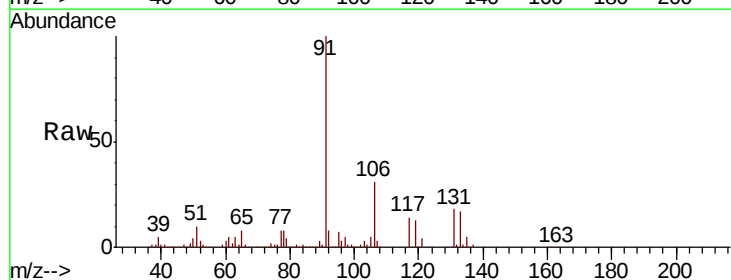
Instrument :
MSVOA_Y
ClientSampleId :

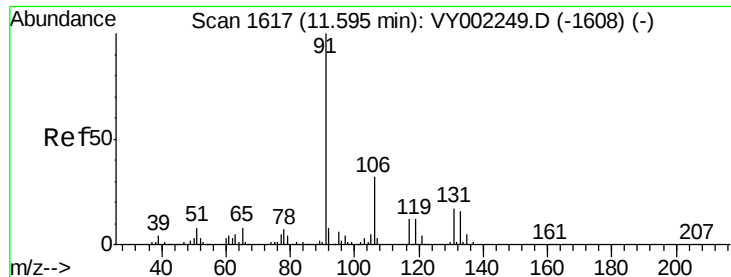
Tot Ion:112 Resp: 117893
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.077 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion:131 Resp: 39181
Ion Ratio Lower Upper
131 100
133 93.8 46.5 139.3
119 69.8 34.5 103.6

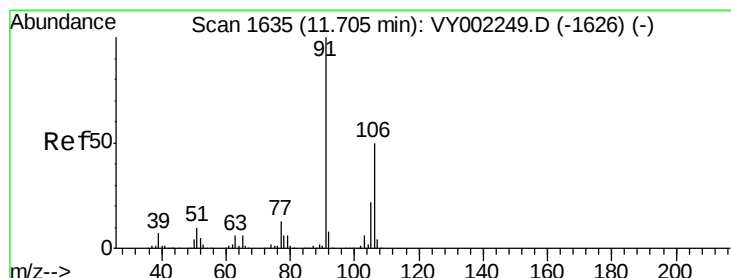
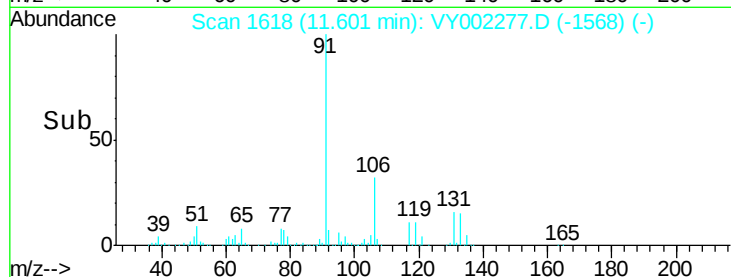
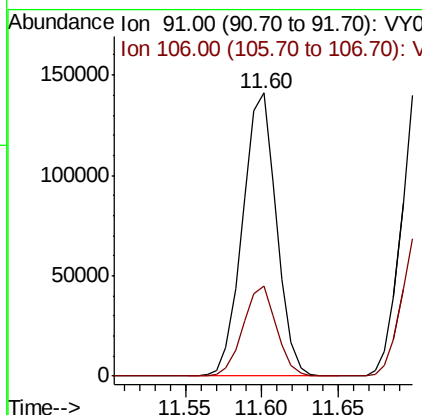
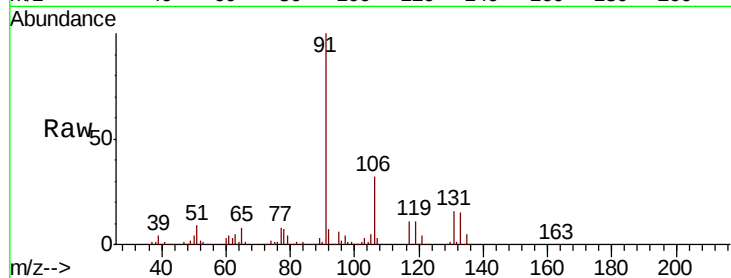




#67
Ethyl Benzene
Concen: 18.974 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

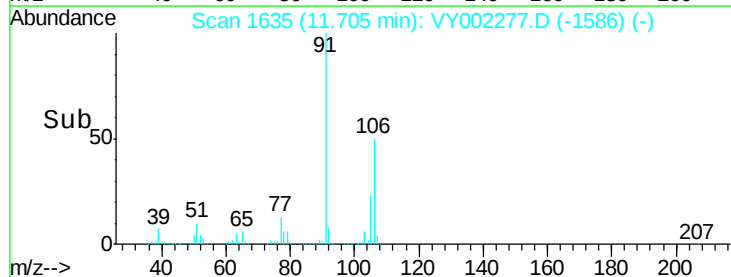
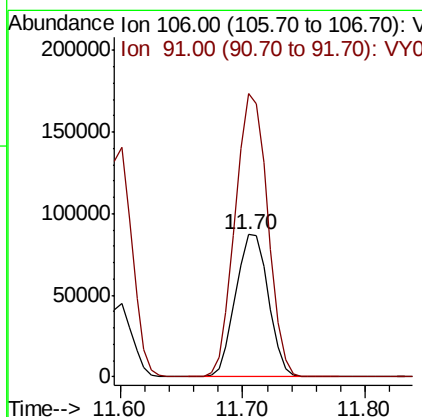
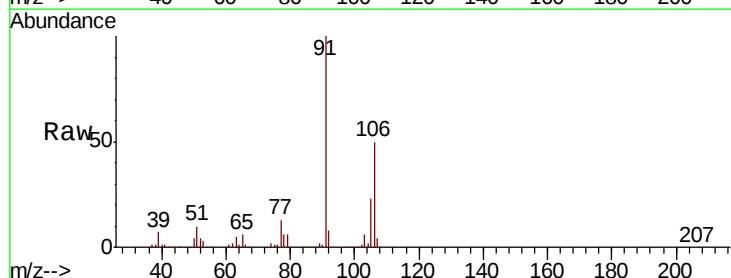
Instrument :
MSVOA_Y
ClientSampleId :

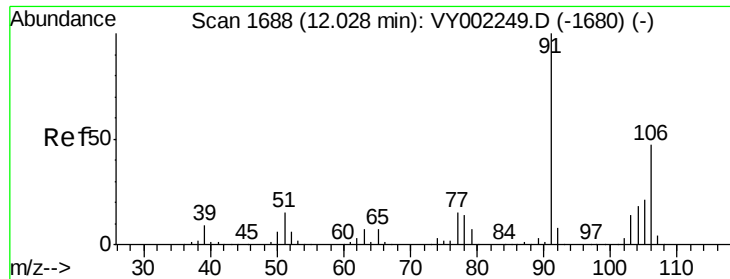
Tot Ion: 91 Resp: 216079
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0



#68
m/p-Xylenes
Concen: 38.104 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 106 Resp: 162530
Ion Ratio Lower Upper
106 100
91 197.8 159.8 239.6

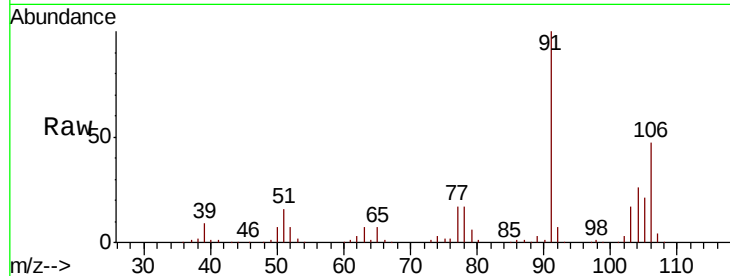




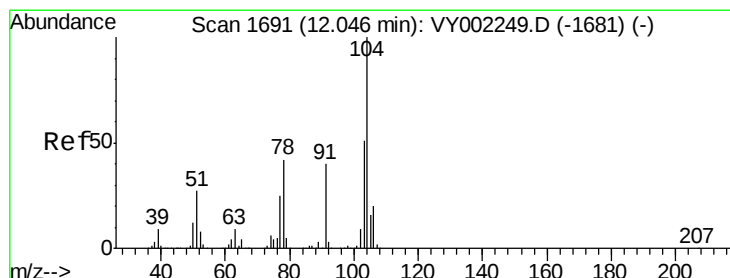
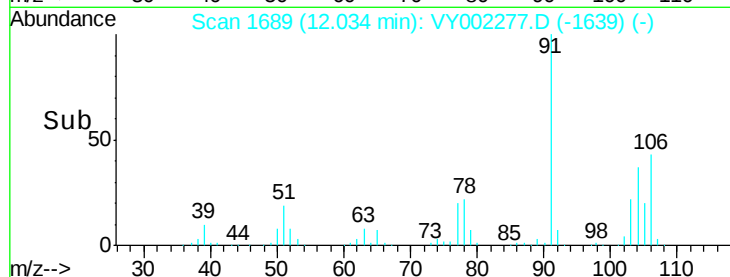
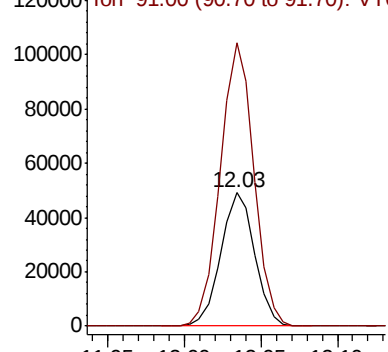
#69
o-Xylene
Concen: 18.907 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 75714
Ion Ratio Lower Upper
106 100
91 210.1 105.8 317.3

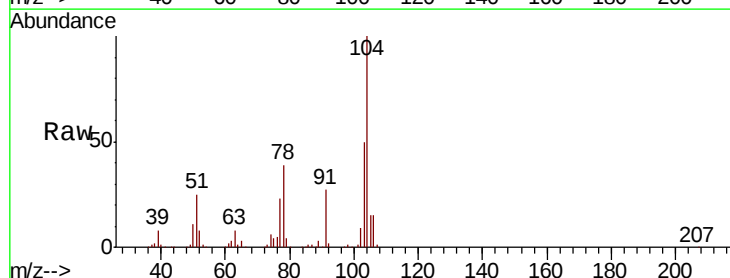


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

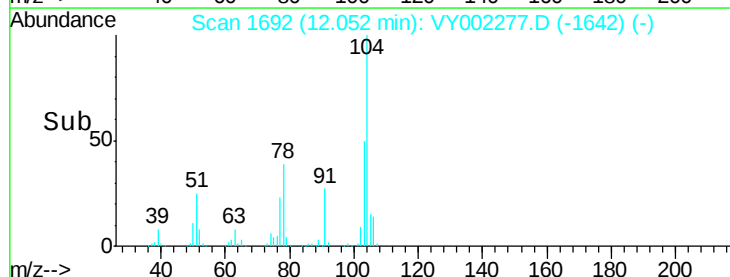
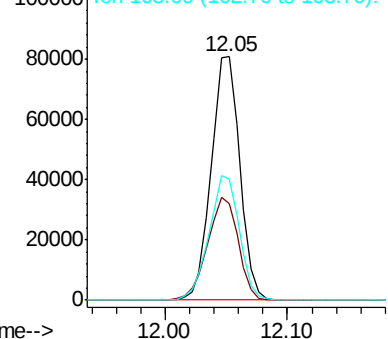


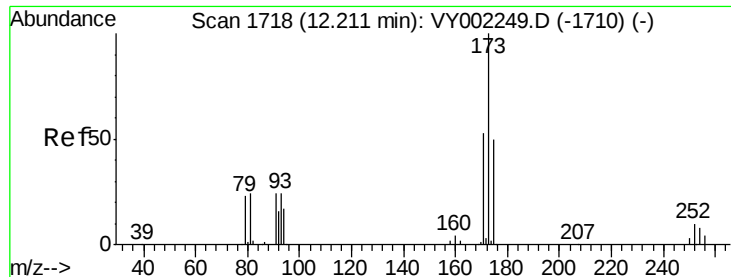
#70
Styrene
Concen: 18.818 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion:104 Resp: 130739
Ion Ratio Lower Upper
104 100
78 45.2 37.2 55.8
103 54.1 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.273 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

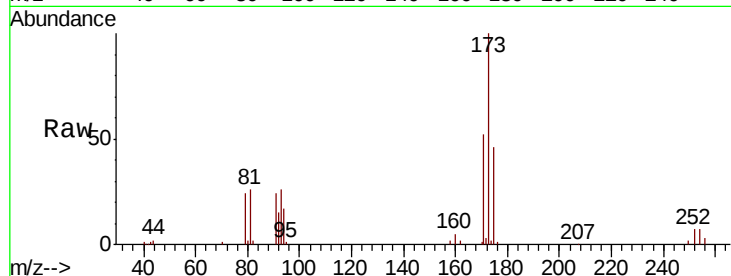
Tot Ion:173 Resp: 21526

Ion Ratio Lower Upper

173 100

175 47.1 24.1 72.3

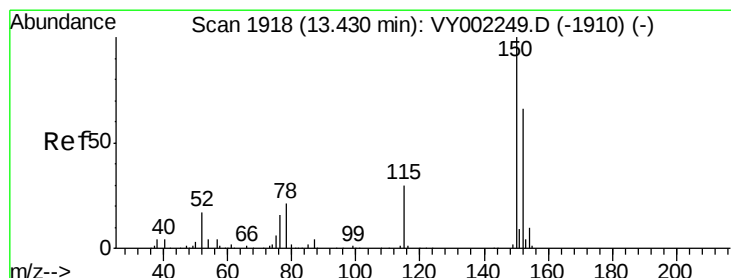
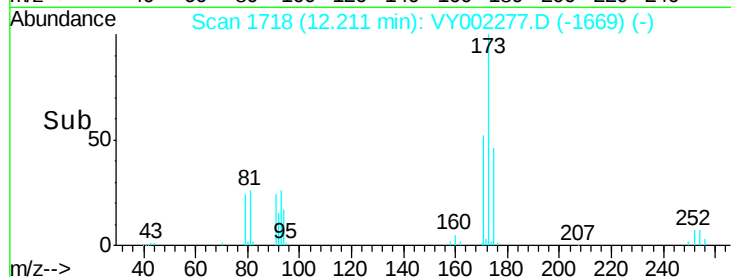
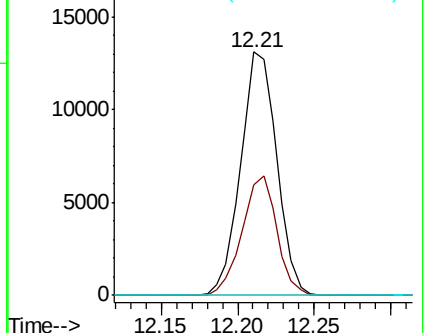
254 0.0 0.0 0.0



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. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

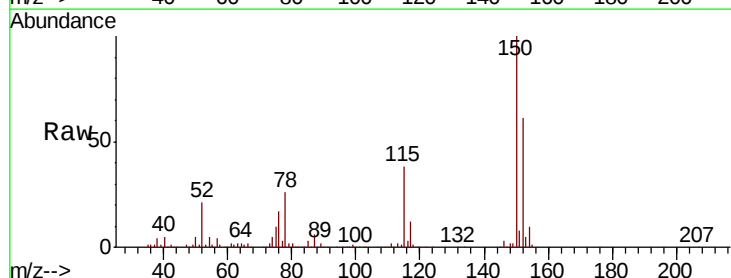
Tgt Ion:152 Resp: 137450

Ion Ratio Lower Upper

152 100

115 60.1 30.7 92.1

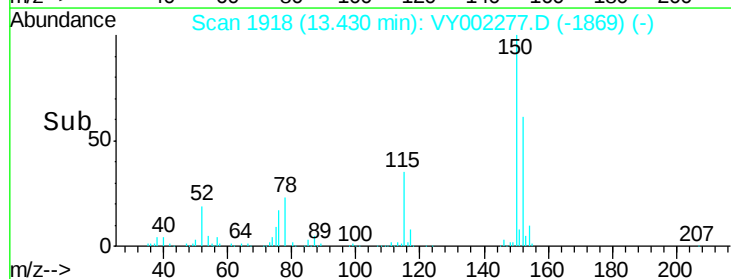
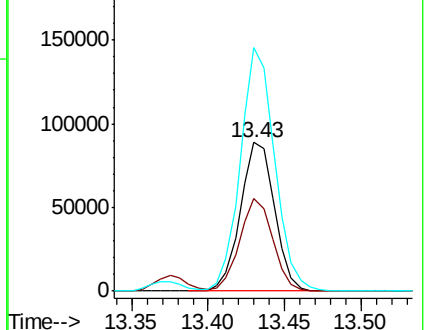
150 164.7 0.0 350.6

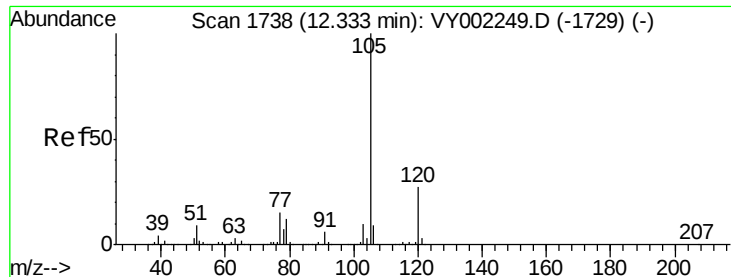


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.792 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

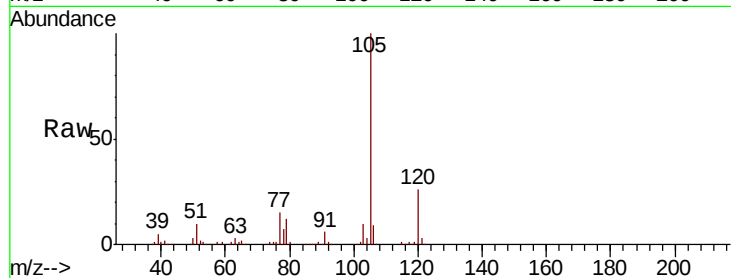
ClientSampleId :

Tot Ion:105 Resp: 202915

Ion Ratio Lower Upper

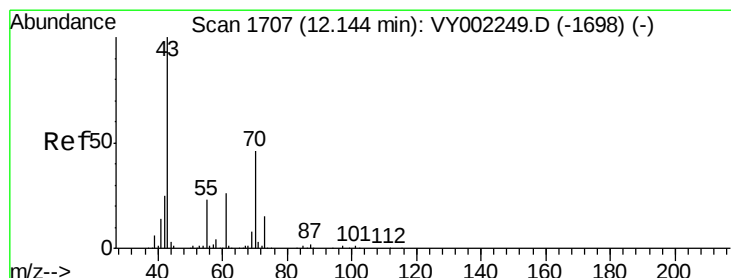
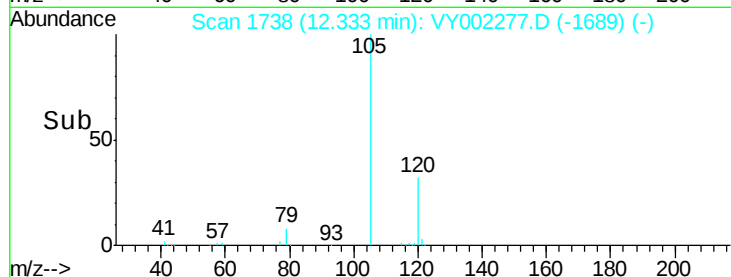
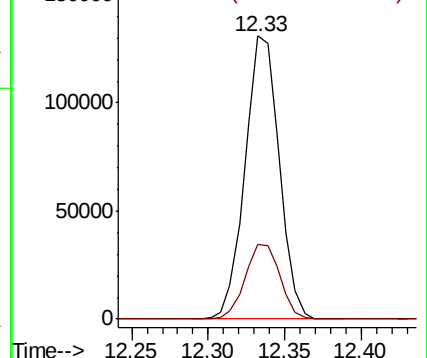
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.637 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion: 43 Resp: 57127

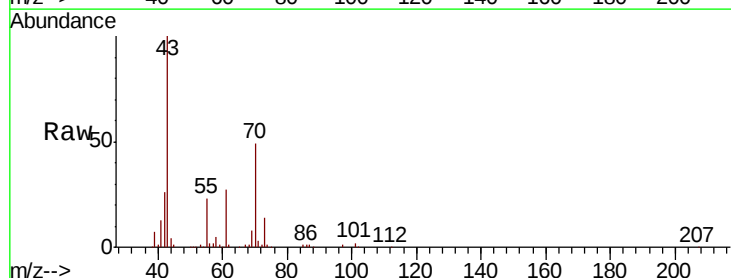
Ion Ratio Lower Upper

43 100

70 46.7 37.5 56.3

55 23.6 19.0 28.6

61 27.4 21.6 32.4

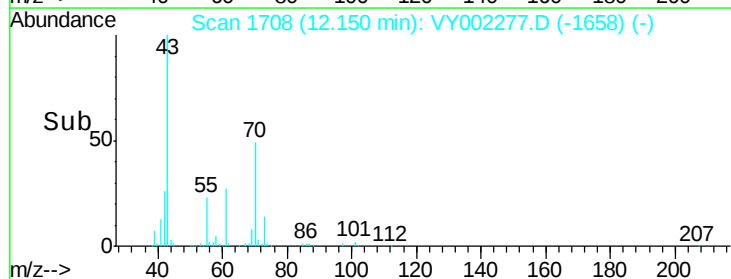
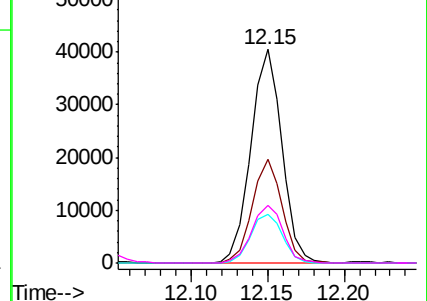


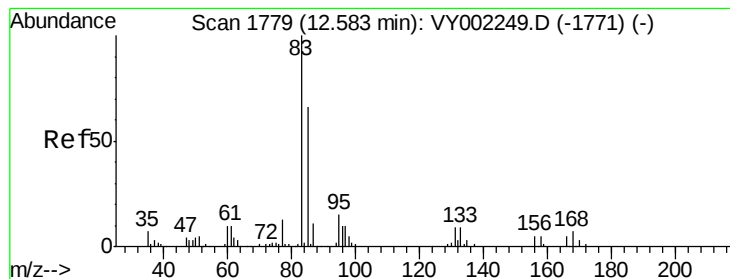
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 20.645 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

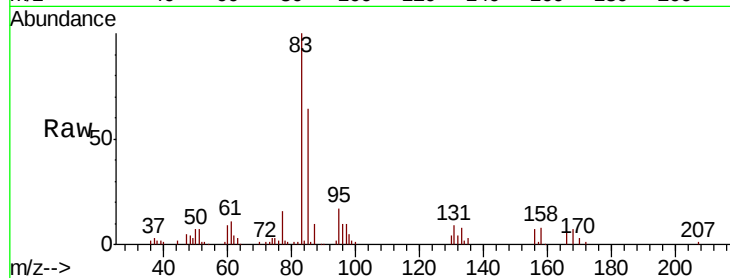
Tot Ion: 83 Resp: 26971

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

85 65.1 32.6 97.8



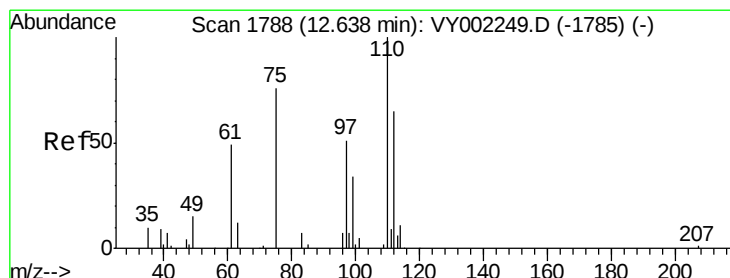
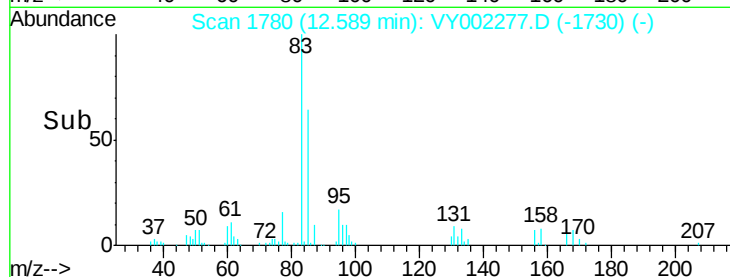
Abundance Ion 82.90 (82.60 to 83.60): VY002277.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002277.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002277.D (-1730) (-)

12.59

Time-->



#76

1,2,3-Trichloropropane

Concen: 34.932 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002277.D

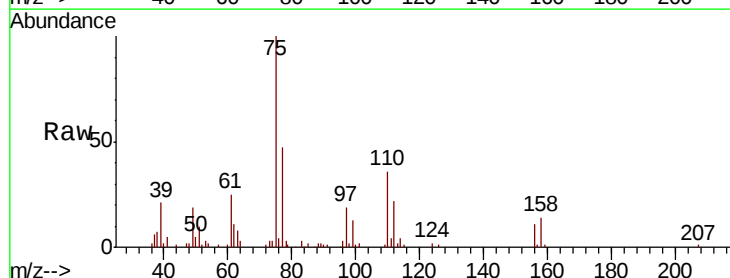
Acq: 13 Apr 2020 14:11

Tgt Ion: 75 Resp: 55755

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

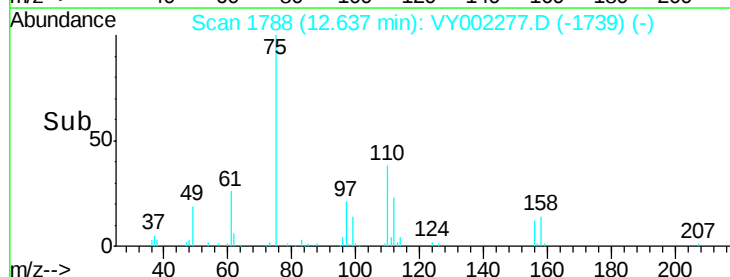


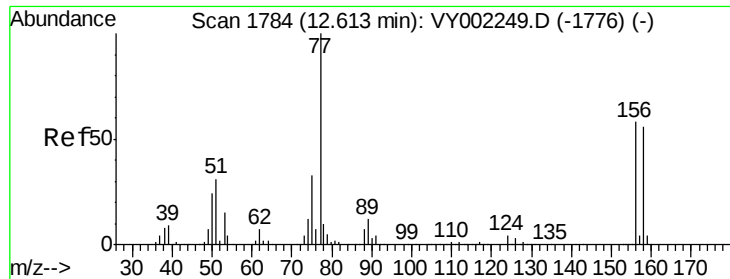
Abundance Ion 74.90 (74.60 to 75.60): VY002277.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002277.D (-1739) (-)

12.64

Time-->





#77

Bromobenzene

Concen: 18.211 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

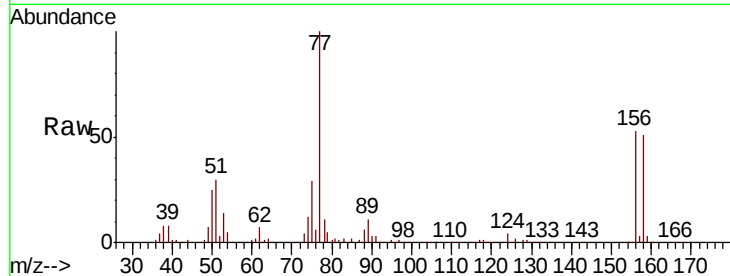
Tot Ion:156 Resp: 43265

Ion Ratio Lower Upper

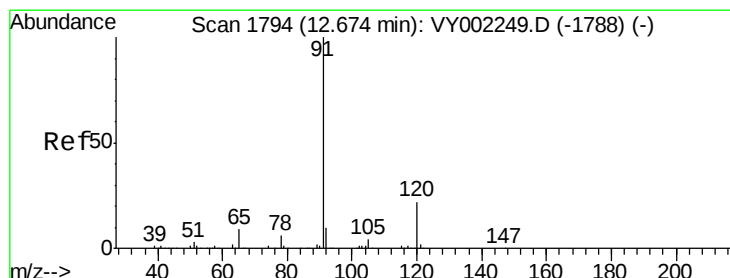
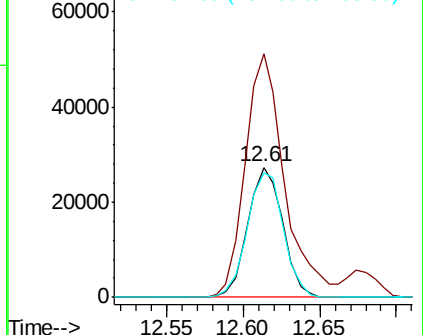
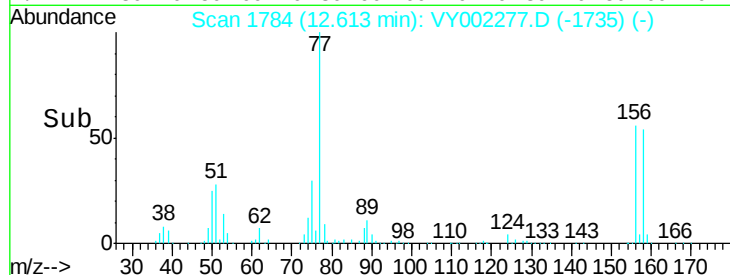
156 100

77 212.2 101.3 303.9

158 99.6 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): VY002277.D (-1735) (-)



#78

n-propylbenzene

Concen: 18.547 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002277.D

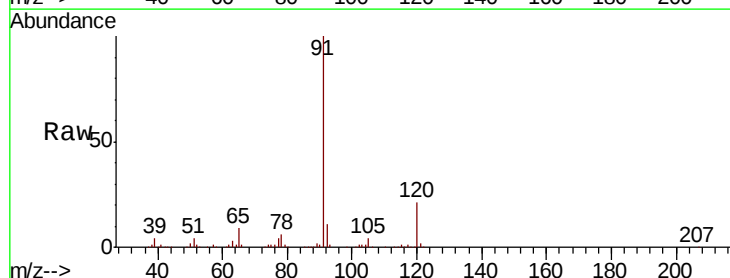
Acq: 13 Apr 2020 14:11

Tgt Ion: 91 Resp: 249083

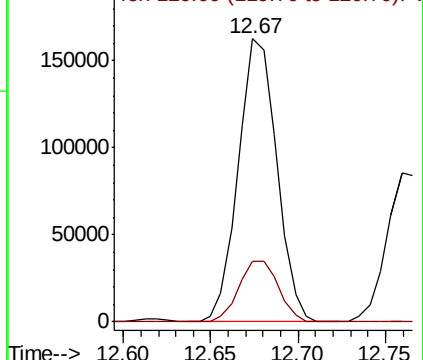
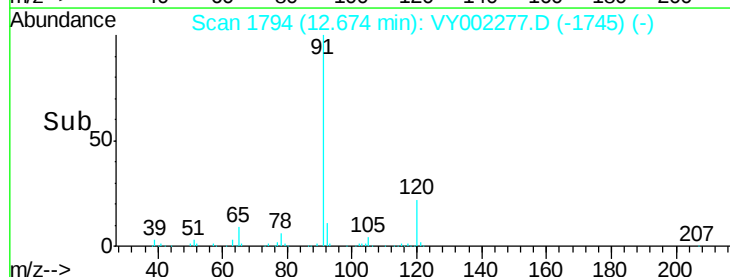
Ion Ratio Lower Upper

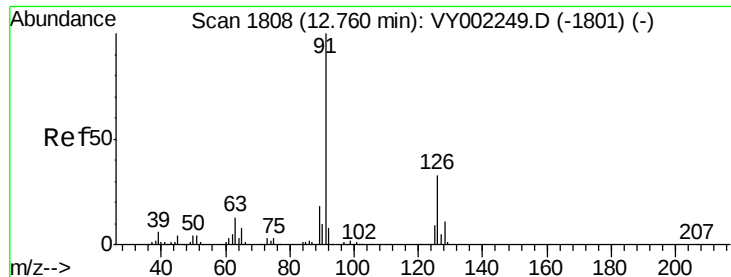
91 100

120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY002277.D (-1745) (-)





#79

2-Chlorotoluene

Concen: 18.700 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

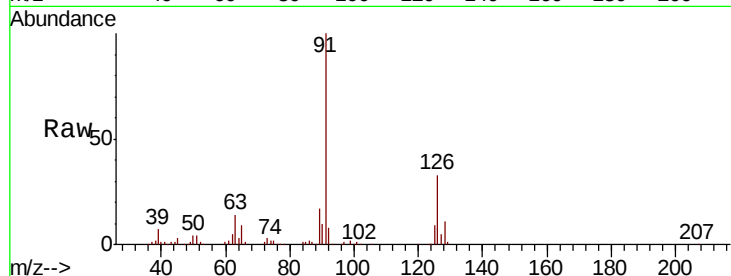
ClientSampleId :

Tot Ion: 91 Resp: 136479

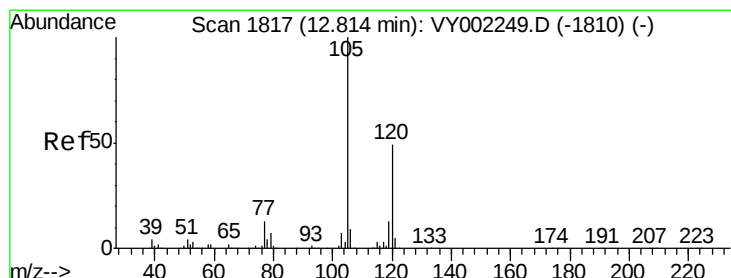
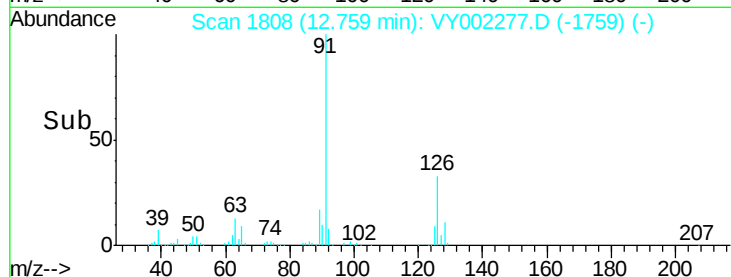
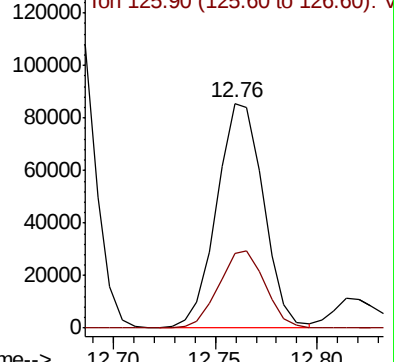
Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY002277.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.464 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002277.D

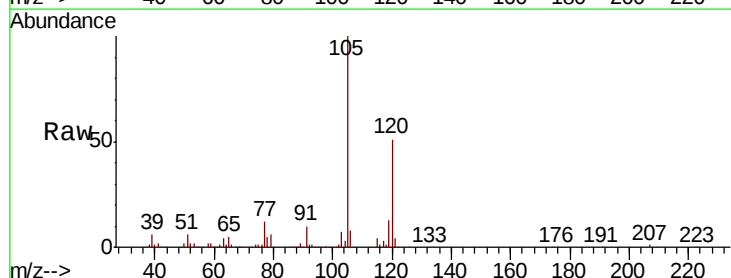
Acq: 13 Apr 2020 14:11

Tgt Ion:105 Resp: 164889

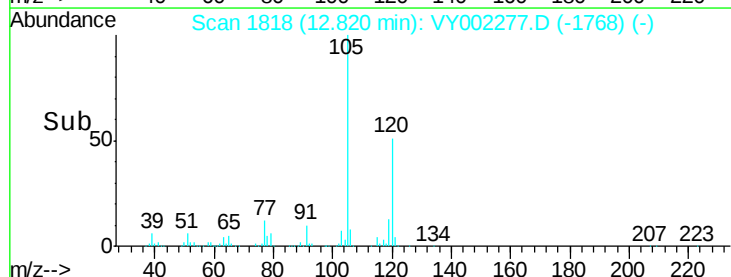
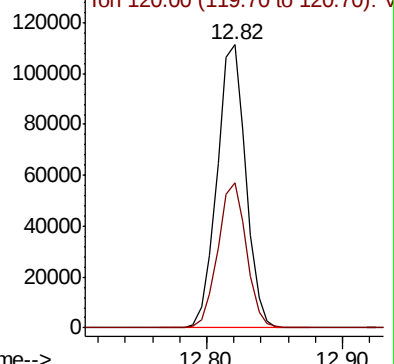
Ion Ratio Lower Upper

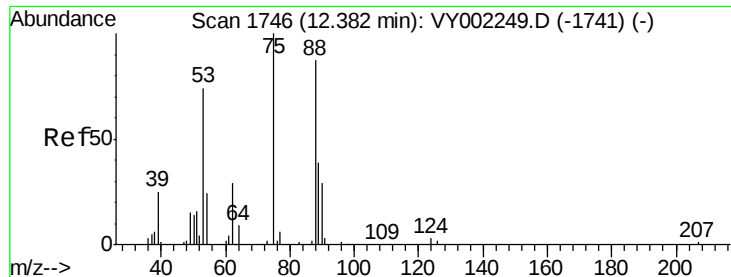
105 100

120 50.8 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002277.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.257 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

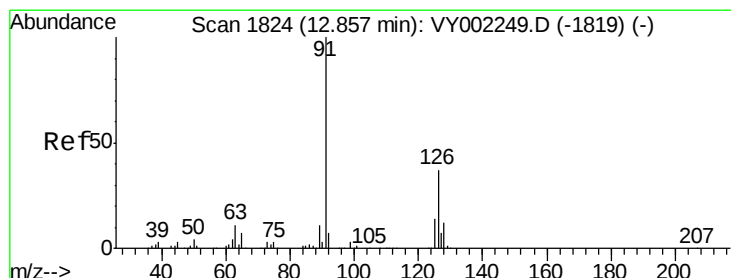
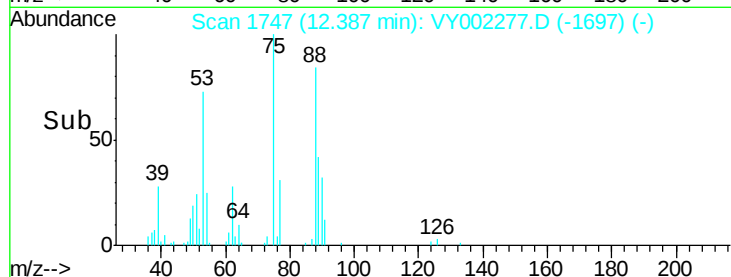
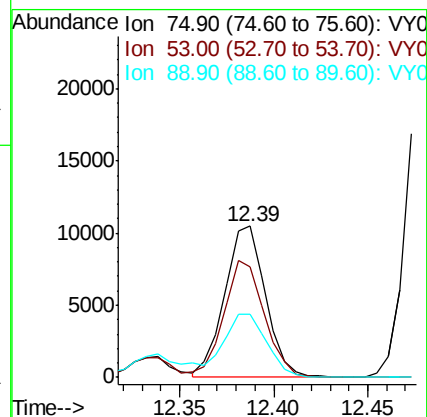
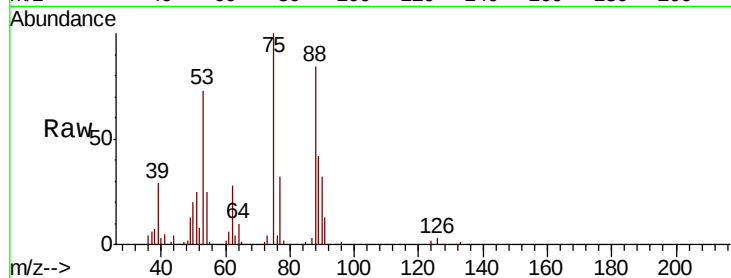
Tot Ion: 75 Resp: 15803

Ion Ratio Lower Upper

75 100

53 76.8 59.8 89.8

89 43.6 37.0 55.6



#82

4-Chlorotoluene

Concen: 18.671 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY002277.D

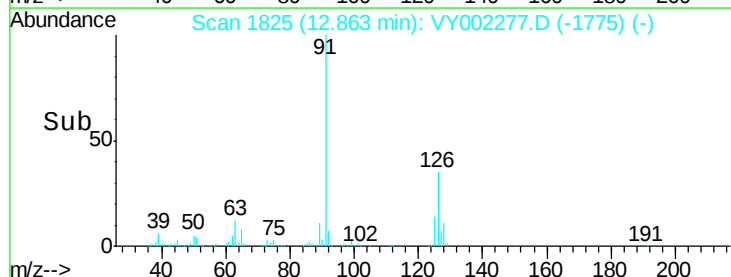
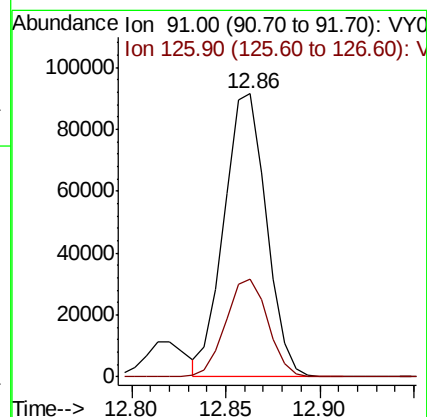
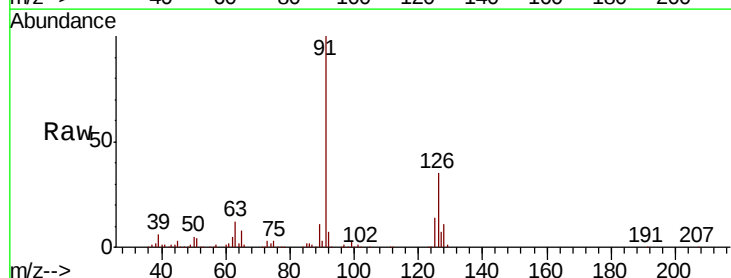
Acq: 13 Apr 2020 14:11

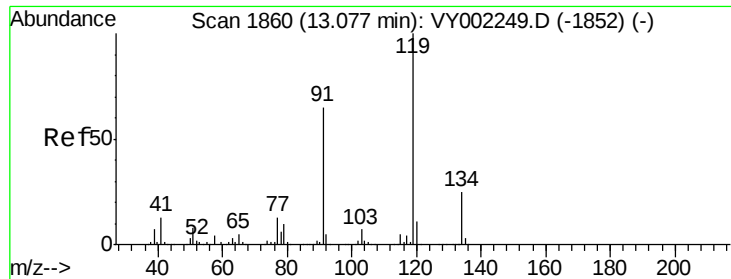
Tgt Ion: 91 Resp: 142823

Ion Ratio Lower Upper

91 100

126 34.3 16.9 50.7

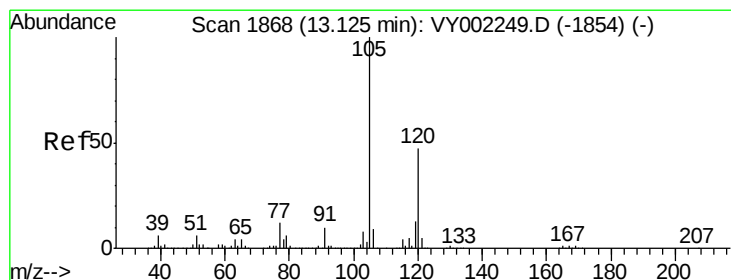
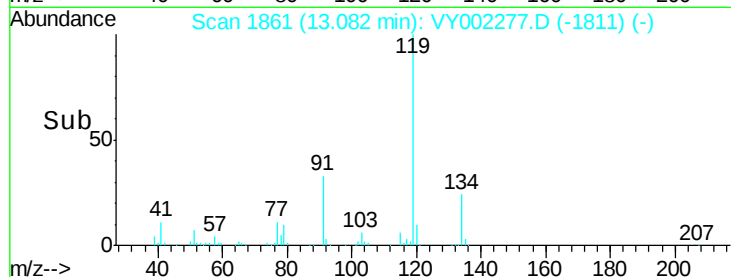
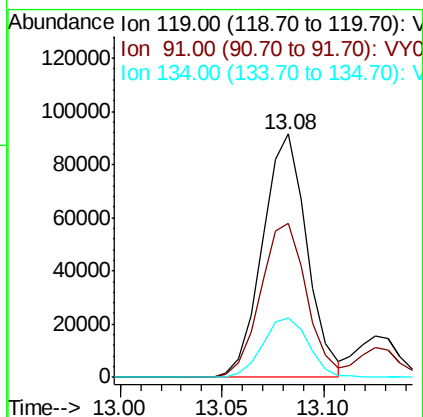
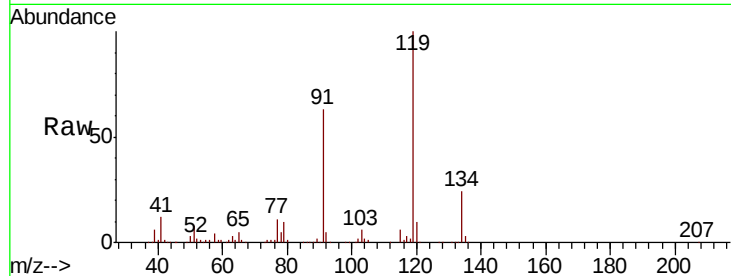




#83
 tert-Butylbenzene
 Concen: 18.581 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

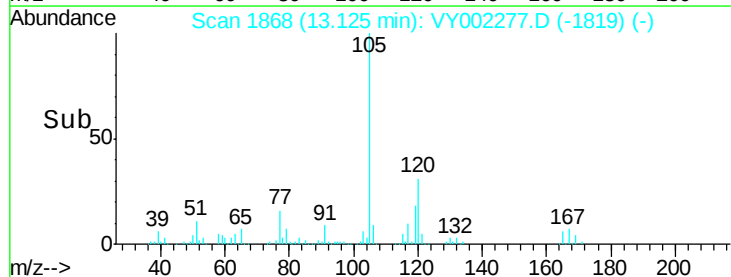
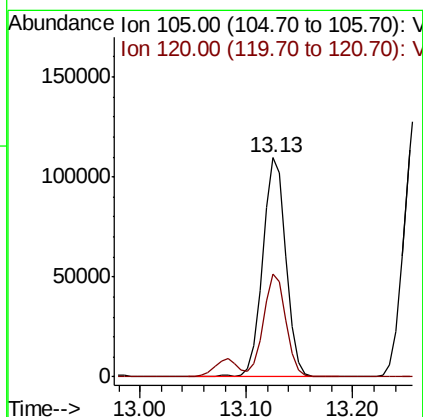
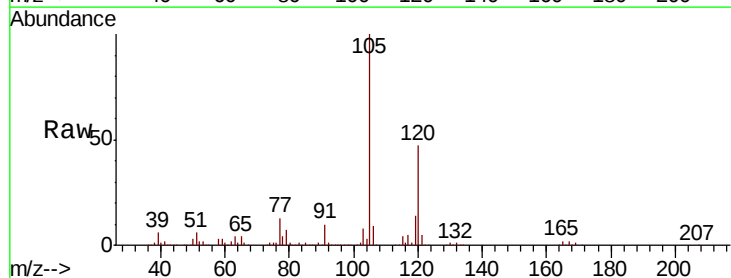
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:119 Resp: 138991
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.4 97.0
 134 25.3 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.766 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion:105 Resp: 167352
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.1 69.2

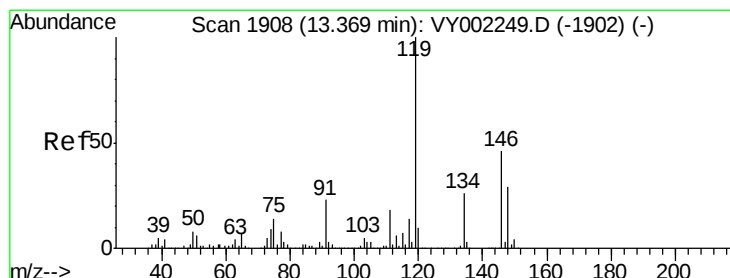
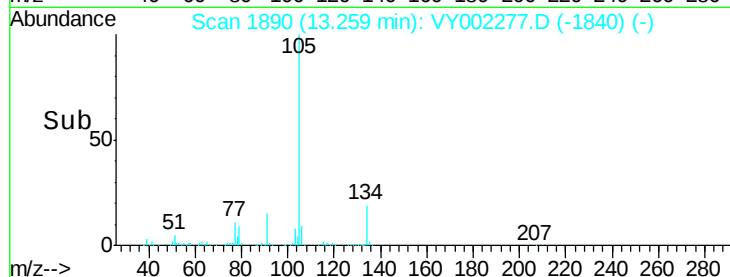
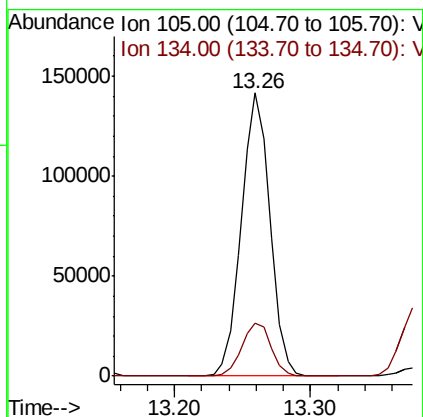
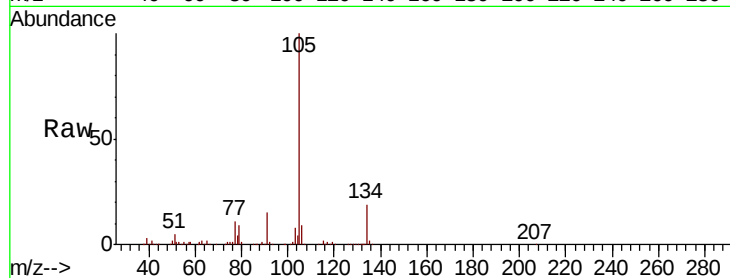




#85
 sec-Butylbenzene
 Concen: 18.622 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

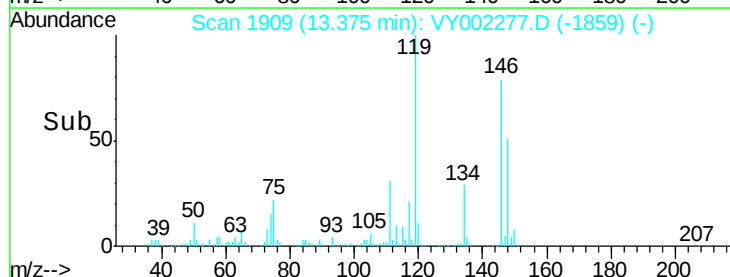
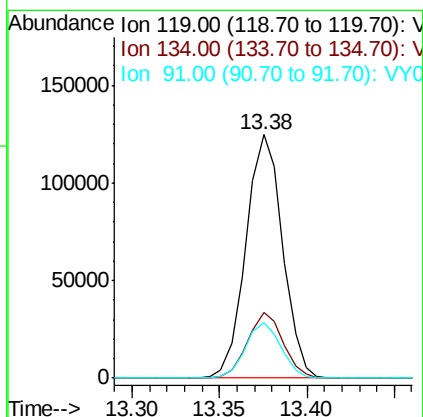
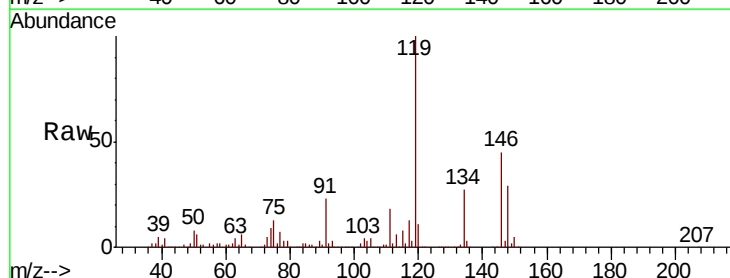
Instrument :
 MSVOA_Y
 ClientSampleId :

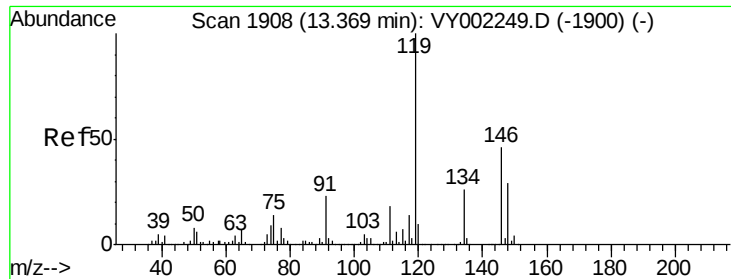
Tot Ion:105 Resp: 207513
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.901 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion:119 Resp: 181272
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 22.4 11.5 34.4

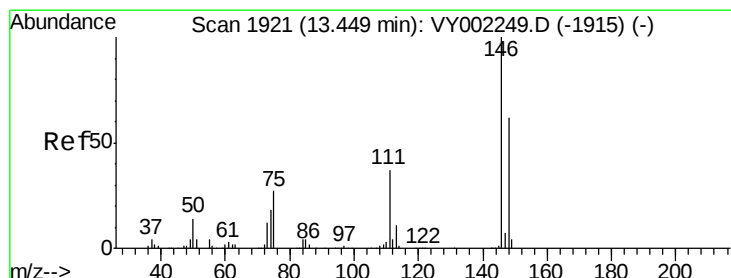
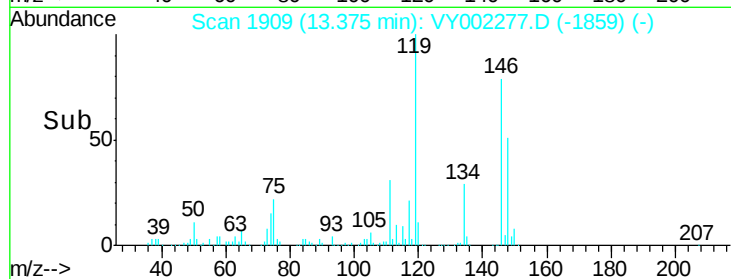
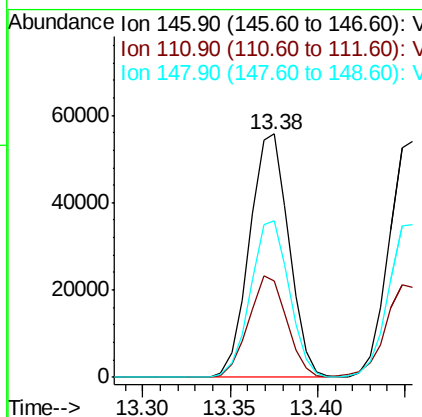
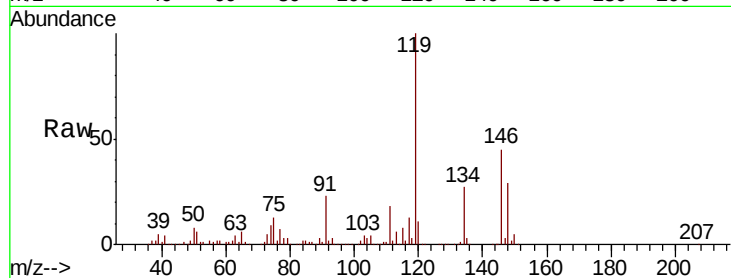




#87
 1,3-Dichlorobenzene
 Concen: 18.925 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

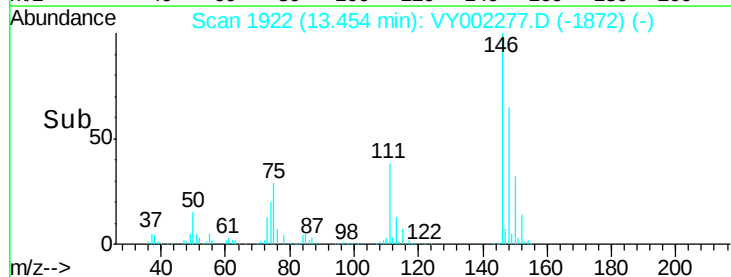
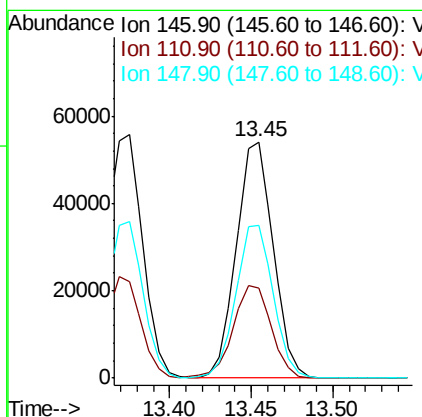
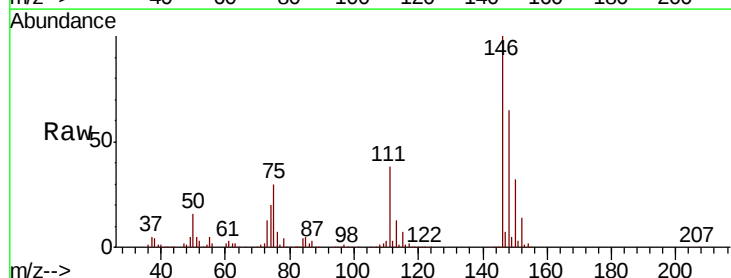
Instrument :
 MSVOA_Y
 ClientSampleId :

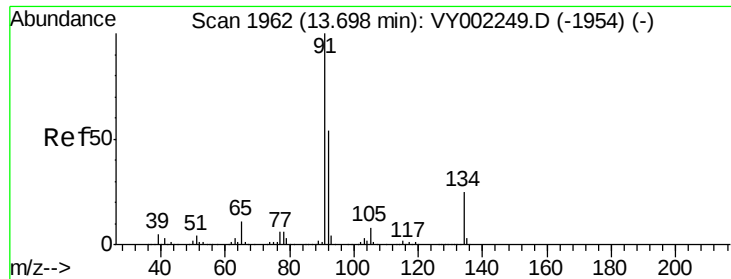
Tot Ion:146 Resp: 87136
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 63.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.246 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion:146 Resp: 85274
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.6 58.8
 148 65.4 32.0 96.0





#89

n-Butylbenzene

Concen: 18.460 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

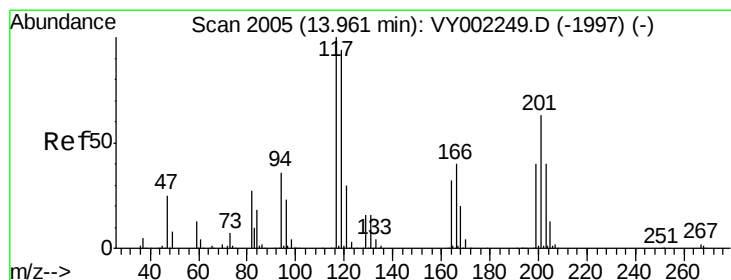
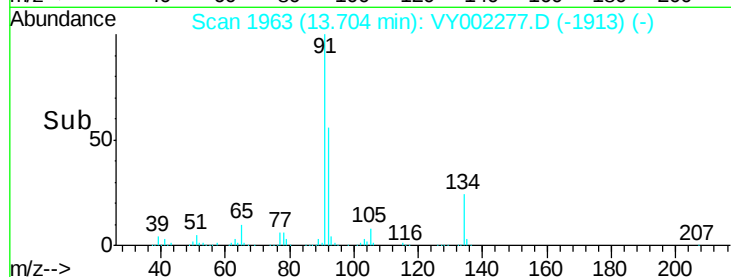
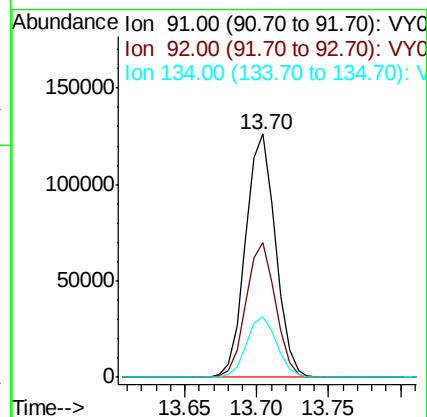
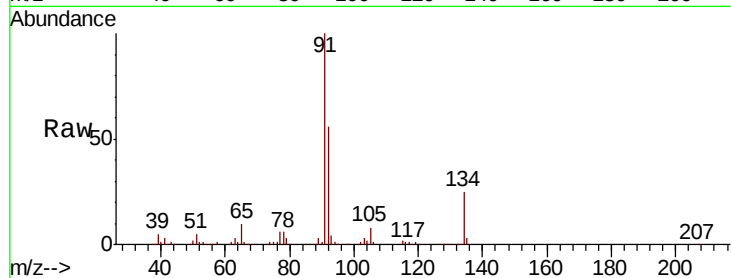
Tot Ion: 91 Resp: 181479

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.6

134 25.1 12.7 38.0



#90

Hexachloroethane

Concen: 18.507 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY002277.D

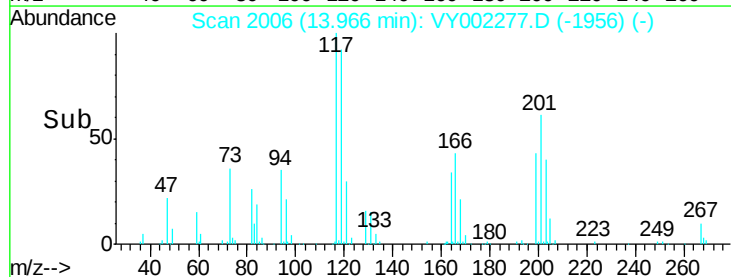
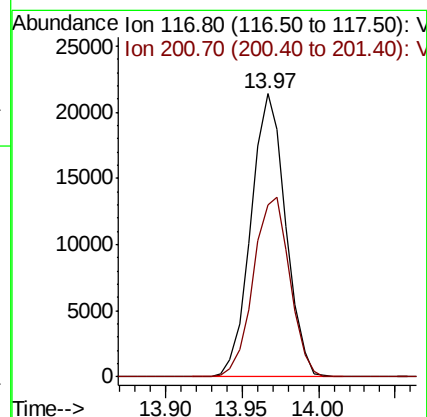
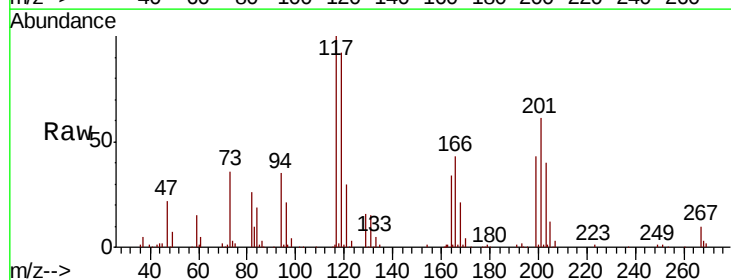
Acq: 13 Apr 2020 14:11

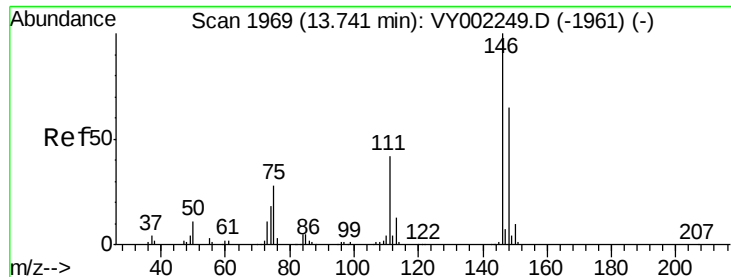
Tgt Ion: 117 Resp: 33823

Ion Ratio Lower Upper

117 100

201 66.6 33.1 99.2





#91

1,2-Dichlorobenzene

Concen: 18.830 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

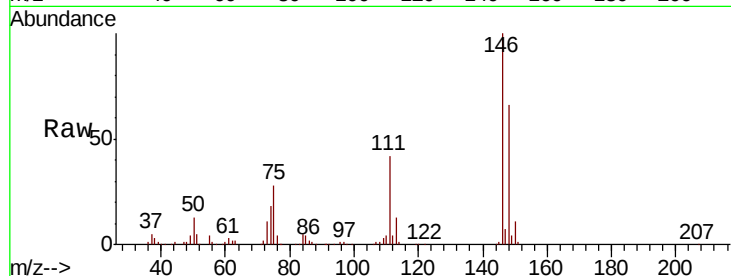
Tot Ion:146 Resp: 78779

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.1

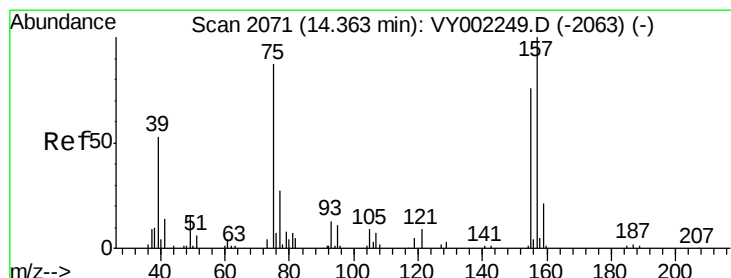
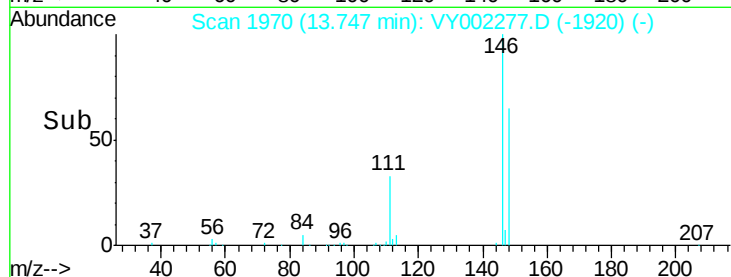
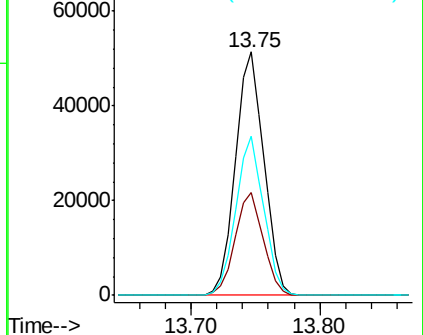
148 63.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.226 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

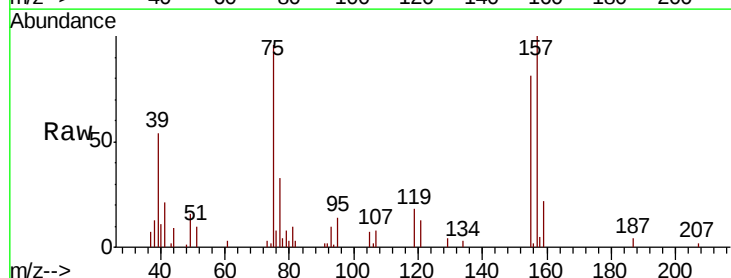
Tgt Ion: 75 Resp: 6075

Ion Ratio Lower Upper

75 100

155 88.1 43.6 130.8

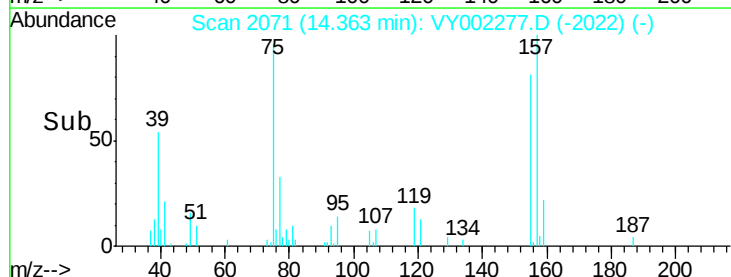
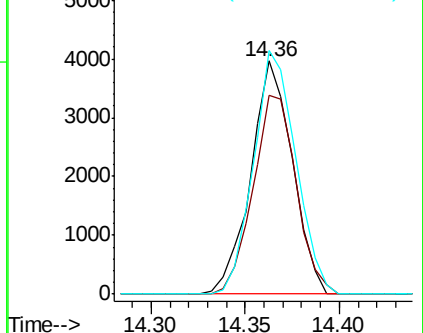
157 106.1 56.0 168.2

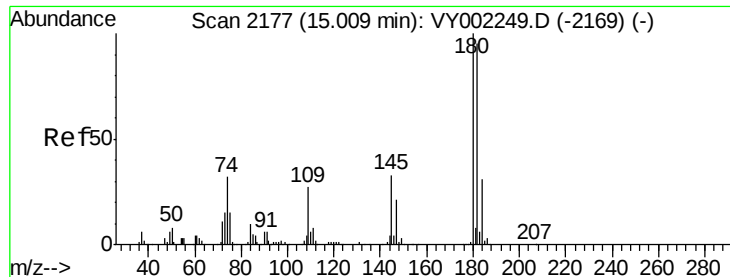


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

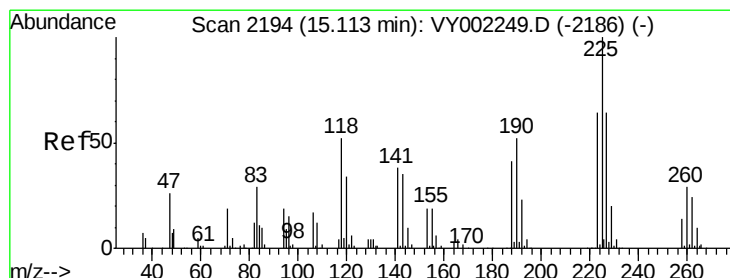
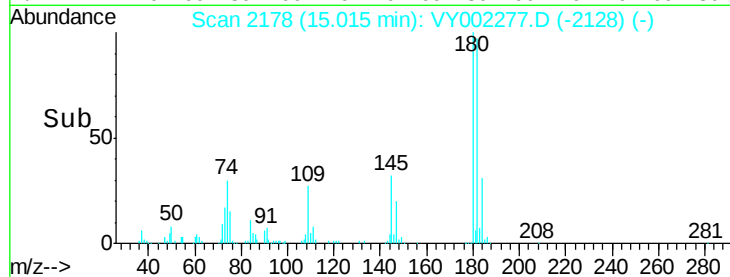
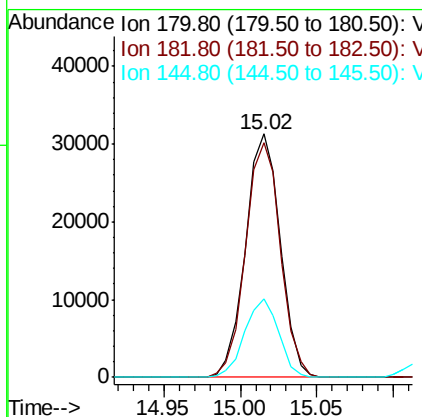
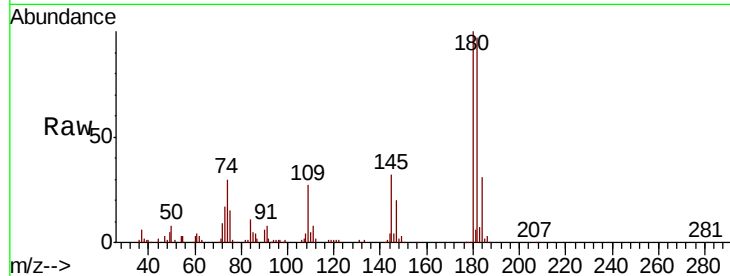




#93
 1,2,4-Trichlorobenzene
 Concen: 18.042 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

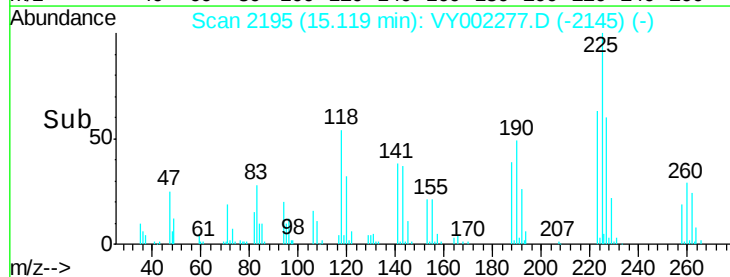
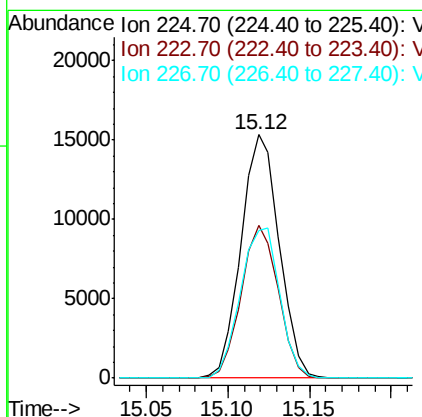
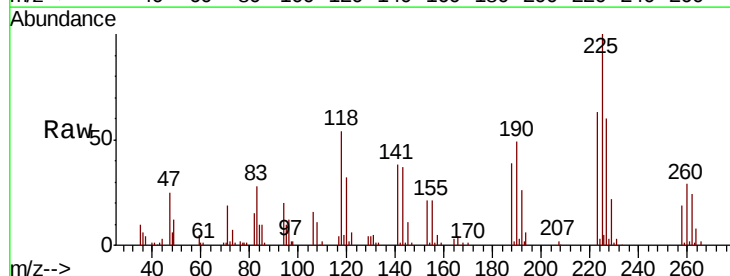
Instrument :
 MSVOA_Y
 ClientSampleId :

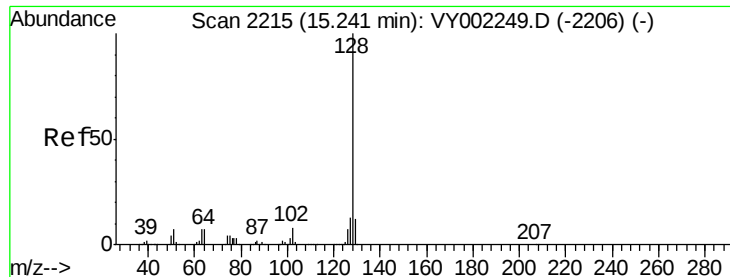
Tot Ion:180 Resp: 49338
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.9 143.7
 145 31.6 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 18.125 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion:225 Resp: 24964
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.0 93.0
 227 63.3 31.3 93.9

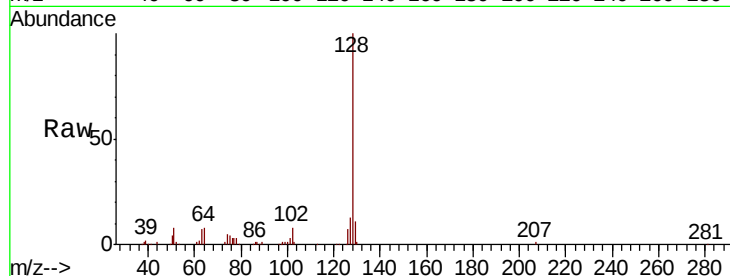




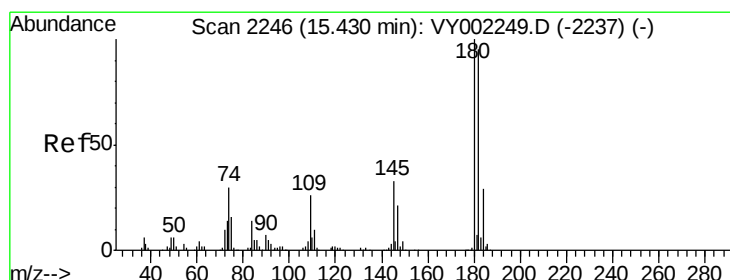
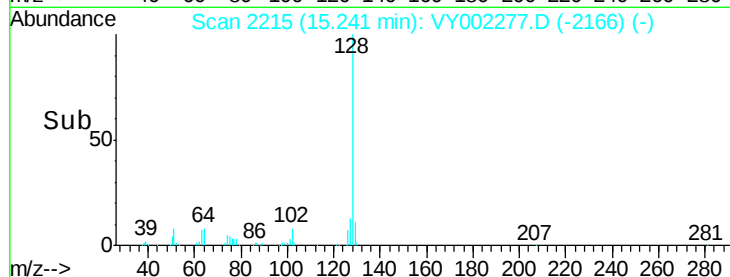
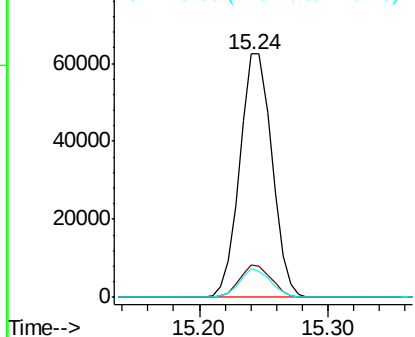
#95
Naphthalene
Concen: 18.062 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 108143
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.1 8.7 13.1

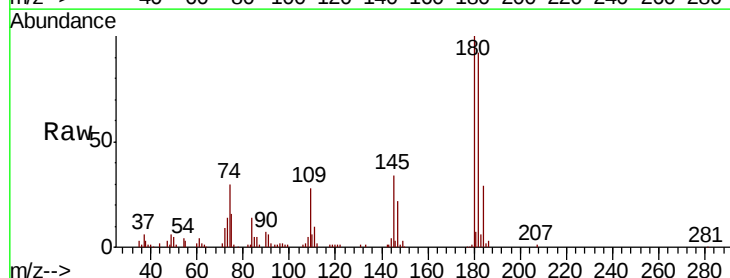


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.266 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion:180 Resp: 43371
Ion Ratio Lower Upper
180 100
182 92.7 47.1 141.3
145 32.8 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

