

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002515.D
 Acq On : 30 Apr 2020 16:05
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 12:16:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	360256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	540490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	490255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	241492	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	460938	152.17	ug/l	0.00
Spiked Amount			Recovery	=	304.34%	
35) Dibromofluoromethane	7.74	113	462251	149.54	ug/l	0.00
Spiked Amount			Recovery	=	299.08%	
50) Toluene-d8	10.19	98	1818388	150.64	ug/l	0.00
Spiked Amount			Recovery	=	301.28%	
62) 4-Bromofluorobenzene	12.49	95	607333	148.27	ug/l	0.00
Spiked Amount			Recovery	=	296.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	451063	164.869	ug/l	98
3) Chloromethane	2.12	50	456614	156.443	ug/l	100
4) Vinyl Chloride	2.26	62	524063	155.496	ug/l	99
5) Bromomethane	2.64	94	352142	151.512	ug/l	99
6) Chloroethane	2.80	64	311489	154.787	ug/l	100
7) Trichlorofluoromethane	3.13	101	816861	156.385	ug/l	99
8) Diethyl Ether	3.54	74	281719	160.495	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	487910	152.836	ug/l	99
10) Methyl Iodide	4.11	142	723969	166.458	ug/l	99
11) Tert butyl alcohol	4.99	59	216623	695.102	ug/l	100
12) 1,1-Dichloroethene	3.88	96	480881	155.059	ug/l	99
13) Acrolein	3.74	56	182809	848.295	ug/l	96
14) Allyl chloride	4.50	41	707196	156.508	ug/l	99
15) Acrylonitrile	5.19	53	644235	778.276	ug/l	100
16) Acetone	3.96	43	484395	774.859	ug/l	99
17) Carbon Disulfide	4.21	76	1509318	161.773	ug/l	100
18) Methyl Acetate	4.49	43	317562	152.035	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	1270607	157.036	ug/l	98
20) Methylene Chloride	4.74	84	501937	143.581	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	525832	155.130	ug/l	97
22) Diisopropyl ether	6.14	45	1377270	150.640	ug/l	98
23) Vinyl Acetate	6.08	43	4482994	779.667	ug/l	100
24) 1,1-Dichloroethane	6.04	63	830812	153.602	ug/l	99
25) 2-Butanone	7.00	43	782314	764.490	ug/l	99
26) 2,2-Dichloropropane	7.00	77	762694	148.347	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	574518	153.181	ug/l	99
28) Bromochloromethane	7.35	49	333821	150.633	ug/l	98
29) Tetrahydrofuran	7.36	42	520853	769.306	ug/l	98
30) Chloroform	7.52	83	863490	153.537	ug/l	100
31) Cyclohexane	7.80	56	794064	145.848	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	817086	156.310	ug/l	99
36) 1,1-Dichloropropene	7.93	75	693740	153.110	ug/l	99
37) Ethyl Acetate	7.09	43	355000	152.467	ug/l	99
38) Carbon Tetrachloride	7.91	117	774303	156.528	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002515.D
 Acq On : 30 Apr 2020 16:05
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 12:16:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	933534	155.991	ug/l	99
40) Benzene	8.18	78	2012847	153.812	ug/l	100
41) Methacrylonitrile	7.36	41	484250	397.871	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	565859	154.154	ug/l	100
43) Isopropyl Acetate	8.28	43	692208	158.581	ug/l	99
44) Trichloroethene	8.95	130	622683	152.256	ug/l	98
45) 1,2-Dichloropropane	9.23	63	480963	152.283	ug/l	100
46) Dibromomethane	9.32	93	279941	154.052	ug/l	99
47) Bromodichloromethane	9.50	83	688866	155.903	ug/l	98
48) Methyl methacrylate	9.30	41	319280	161.622	ug/l	99
49) 1,4-Dioxane	9.31	88	76350	3173.295	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	1746269	776.156	ug/l	100
52) Toluene	10.25	92	1292351	153.662	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	736562	159.100	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	832329	155.518	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	404107	152.495	ug/l	98
56) Ethyl methacrylate	10.52	69	565309	160.359	ug/l	100
57) 1,3-Dichloropropane	10.80	76	686218	152.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	1414519	760.876	ug/l	100
59) 2-Hexanone	10.84	43	1208844	780.638	ug/l	100
60) Dibromochloromethane	10.99	129	531764	157.774	ug/l	99
61) 1,2-Dibromoethane	11.10	107	407214	155.193	ug/l	99
64) Tetrachloroethene	10.72	164	652413	149.777	ug/l	97
65) Chlorobenzene	11.52	112	1419470	152.308	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	542270	156.747	ug/l	99
67) Ethyl Benzene	11.60	91	2518168	153.821	ug/l	99
68) m/p-Xylenes	11.71	106	1950883	307.991	ug/l	100
69) o-Xylene	12.03	106	917766	154.744	ug/l	99
70) Styrene	12.05	104	1586421	156.468	ug/l	100
71) Bromoform	12.21	173	342926	159.707	ug/l	100
73) Isopropylbenzene	12.33	105	2457082	156.992	ug/l	100
74) N-amyl acetate	12.14	43	612180	162.601	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	399207	160.384	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	607366	281.764	ug/l #	100
77) Bromobenzene	12.61	156	613882	156.993	ug/l	100
78) n-propylbenzene	12.67	91	2816660	155.080	ug/l	99
79) 2-Chlorotoluene	12.76	91	1566865	155.739	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2024059	156.015	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	173384	162.003	ug/l	99
82) 4-Chlorotoluene	12.86	91	1627037	153.957	ug/l	99
83) tert-Butylbenzene	13.08	119	1798639	158.116	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	2010424	155.491	ug/l	99
85) sec-Butylbenzene	13.26	105	2406544	152.459	ug/l	100
86) p-Isopropyltoluene	13.38	119	2267775	153.329	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	1136266	153.533	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	1120070	152.843	ug/l	100
89) n-Butylbenzene	13.70	91	2022553	150.216	ug/l	100
90) Hexachloroethane	13.97	117	425939	158.138	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	1012328	153.296	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	73665	158.767	ug/l	100

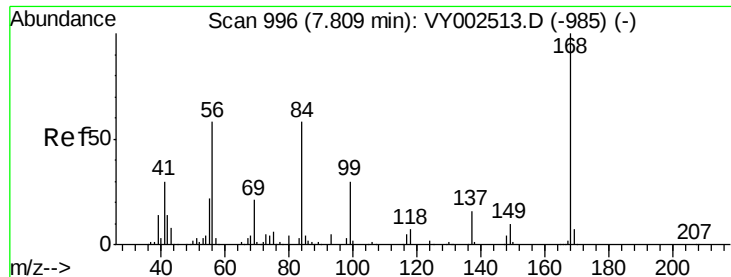
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
Data File : VY002515.D
Acq On : 30 Apr 2020 16:05
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 04 12:16:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:07:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	731843	152.645	ug/l	99
94) Hexachlorobutadiene	15.12	225	428119	148.762	ug/l	99
95) Naphthalene	15.24	128	1415334	161.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	638532	156.884	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

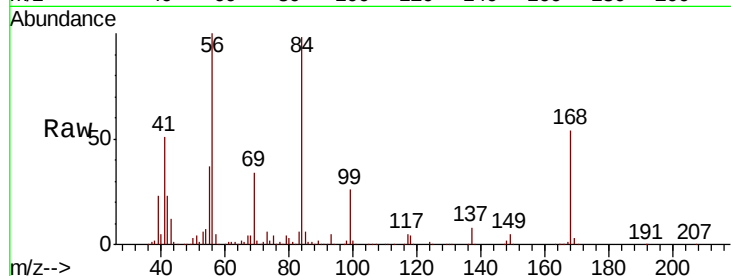
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 360256

Ion Ratio Lower Upper

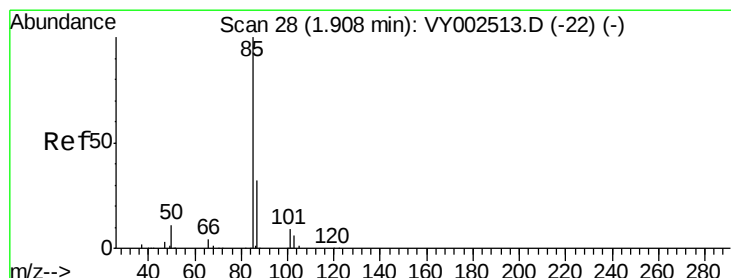
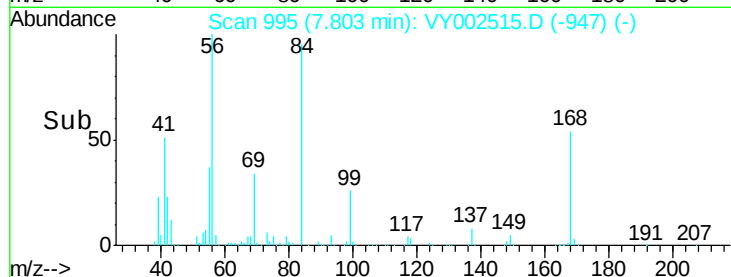
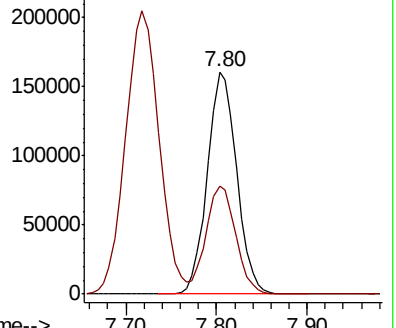
168 100

99 48.3 39.2 58.8



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

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



#2

Dichlorodifluoromethane

Concen: 164.869 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002515.D

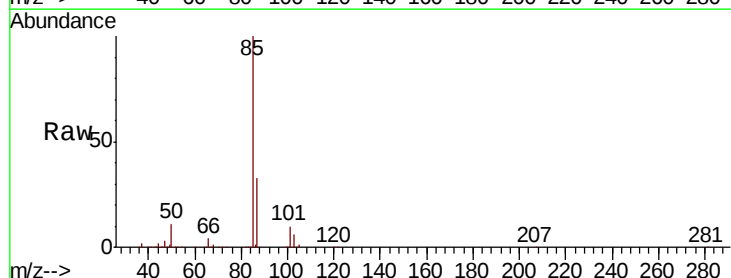
Acq: 30 Apr 2020 16:05

Tgt Ion: 85 Resp: 451063

Ion Ratio Lower Upper

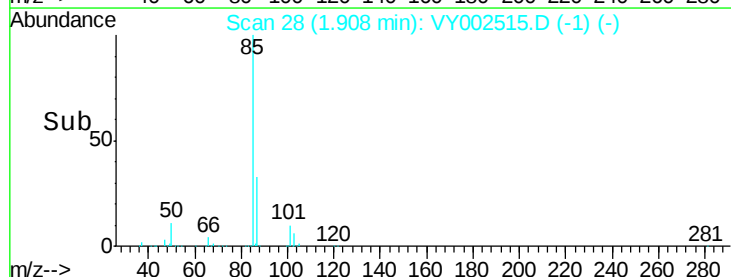
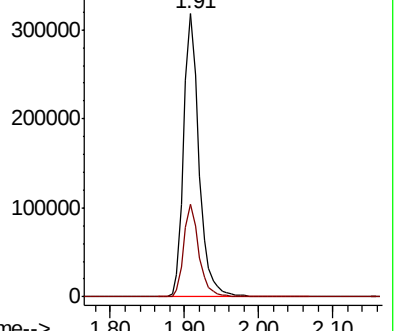
85 100

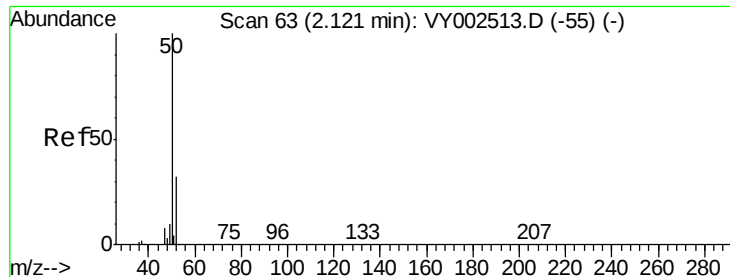
87 32.6 15.8 47.4



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

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





#3

Chloromethane

Concen: 156.443 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

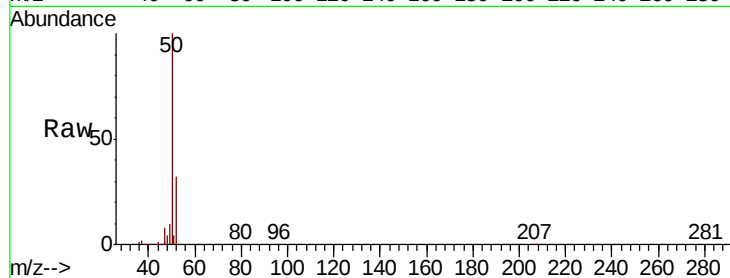
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 456614

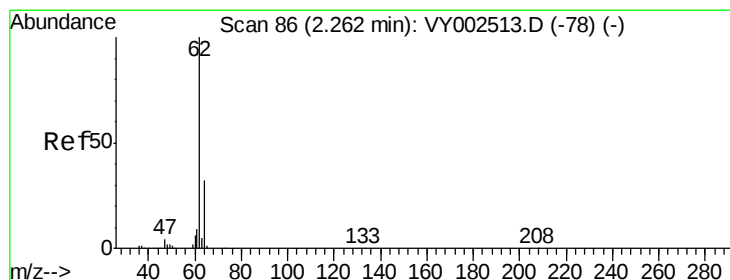
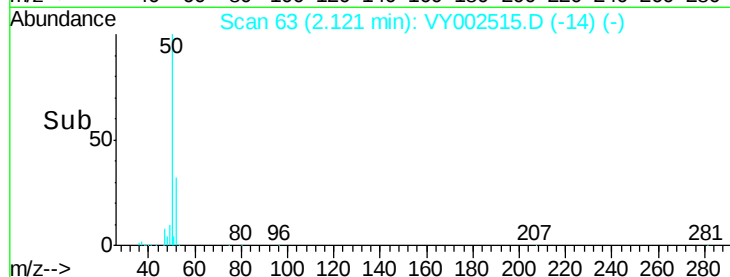
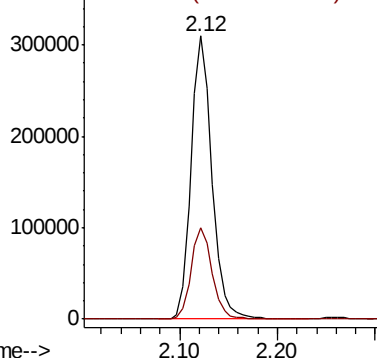
Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 155.496 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002515.D

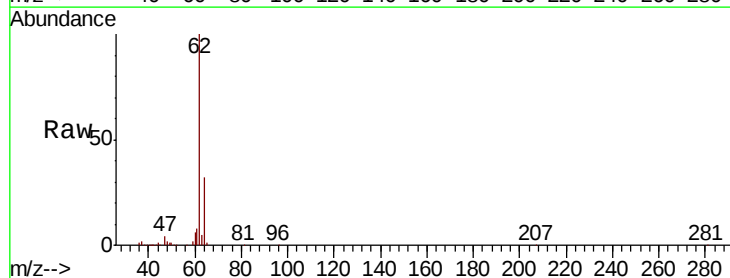
Acq: 30 Apr 2020 16:05

Tgt Ion: 62 Resp: 524063

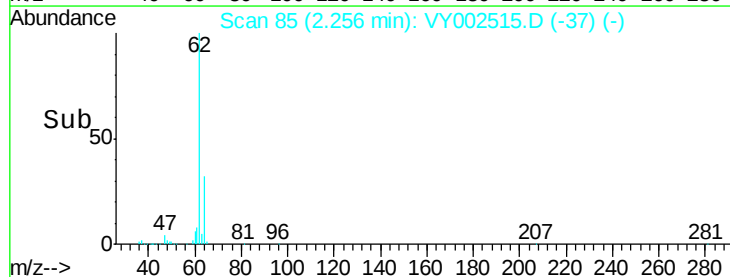
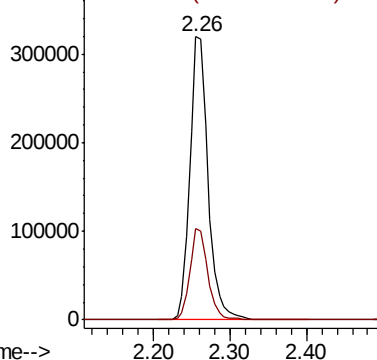
Ion Ratio Lower Upper

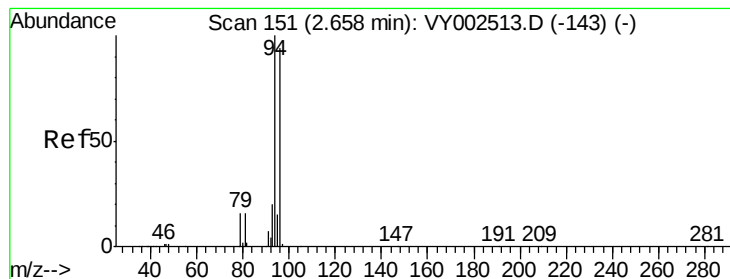
62 100

64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 151.512 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

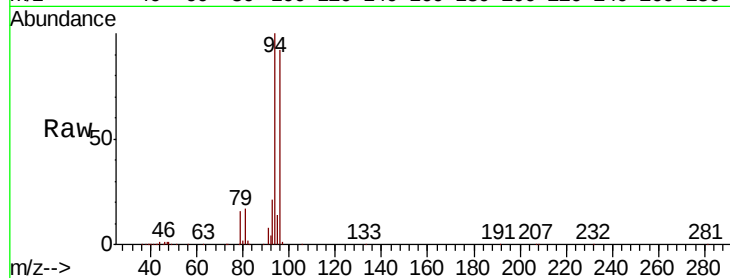
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 352142

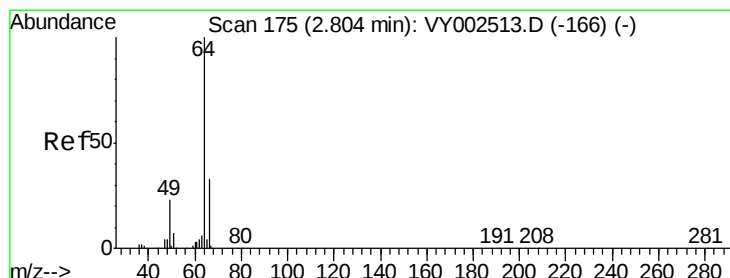
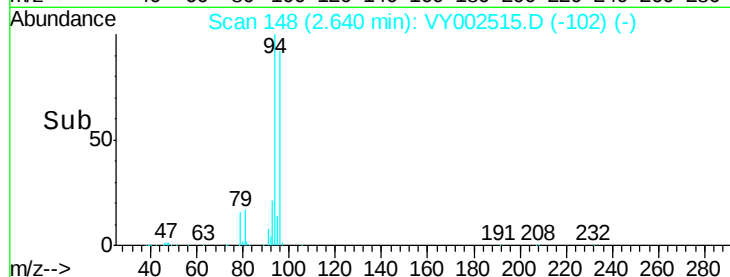
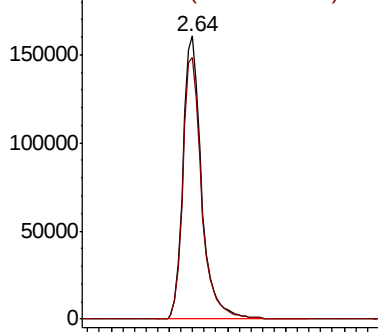
Ion Ratio Lower Upper

94 100

96 92.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 154.787 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002515.D

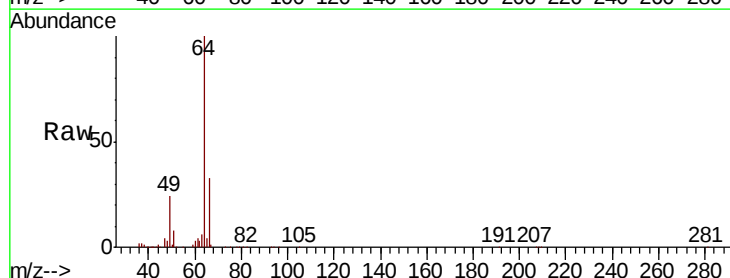
Acq: 30 Apr 2020 16:05

Tgt Ion: 64 Resp: 311489

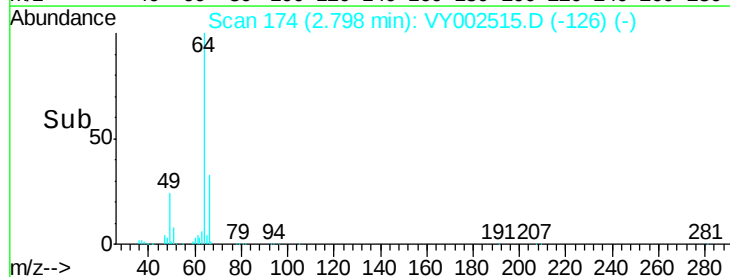
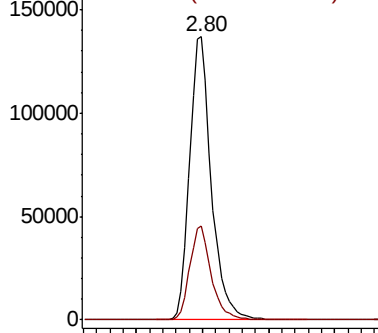
Ion Ratio Lower Upper

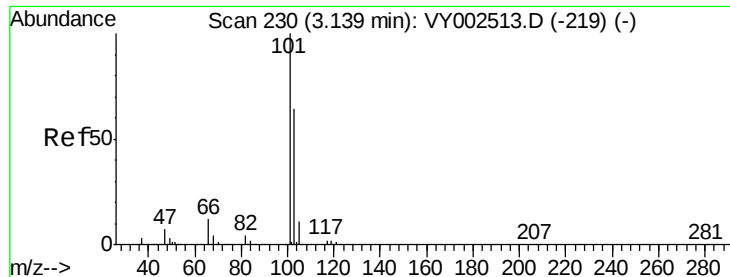
64 100

66 33.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



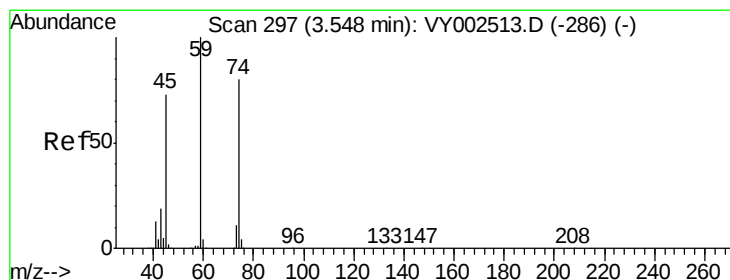
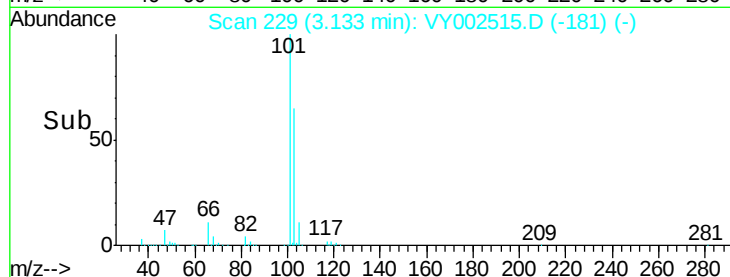
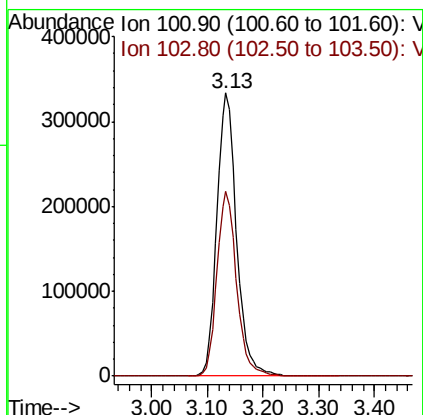
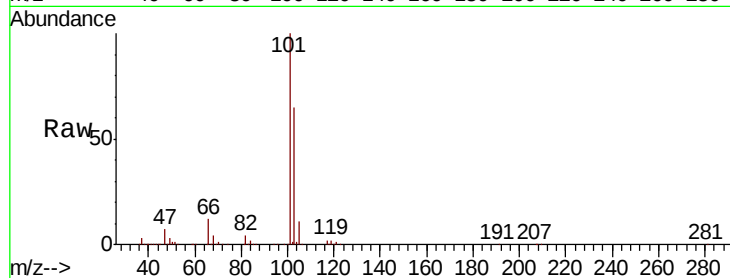


#7

Trichlorofluoromethane
 Concen: 156.385 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :

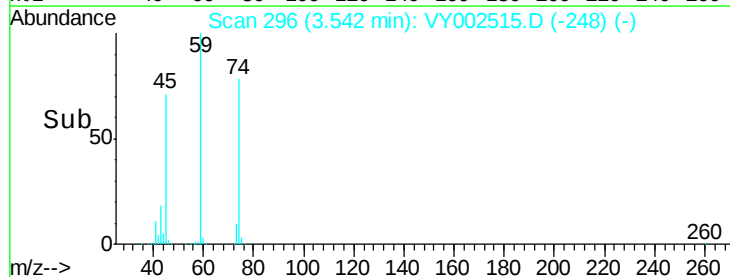
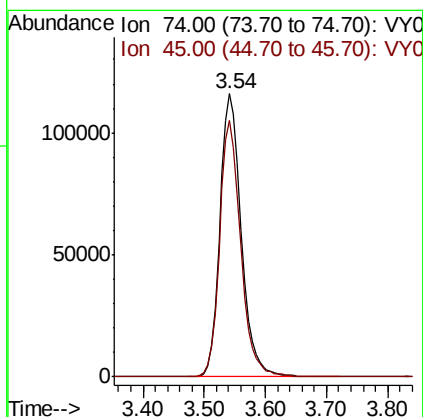
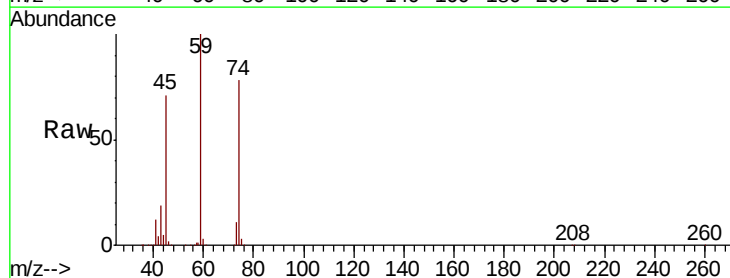
Tot Ion:101 Resp: 816861
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0

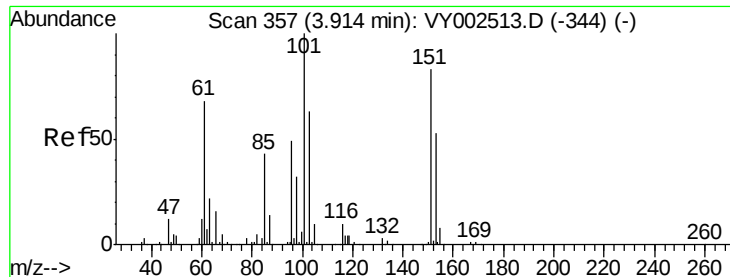


#8

Diethyl Ether
 Concen: 160.495 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Tgt Ion: 74 Resp: 281719
 Ion Ratio Lower Upper
 74 100
 45 89.7 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 152.836 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

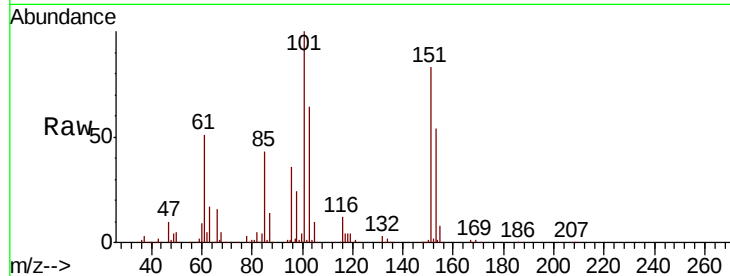
Tot Ion:101 Resp: 487910

Ion Ratio Lower Upper

101 100

85 42.6 33.4 50.2

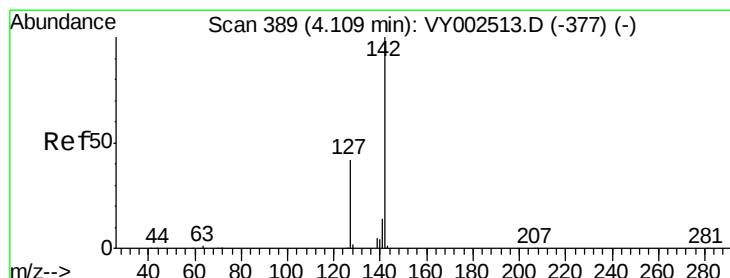
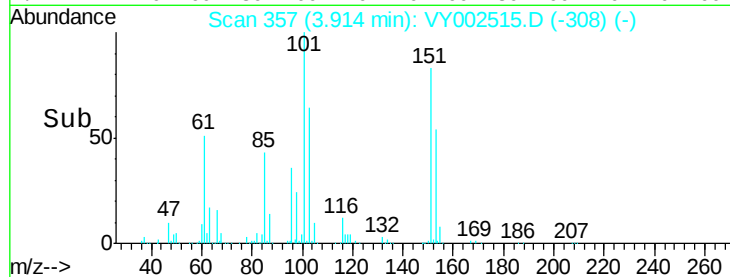
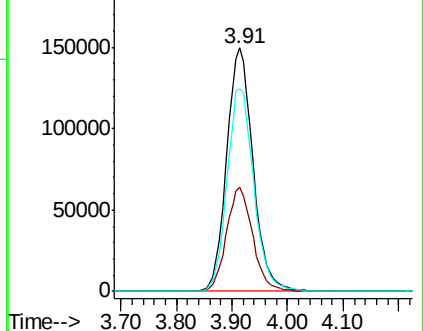
151 85.0 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 166.458 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

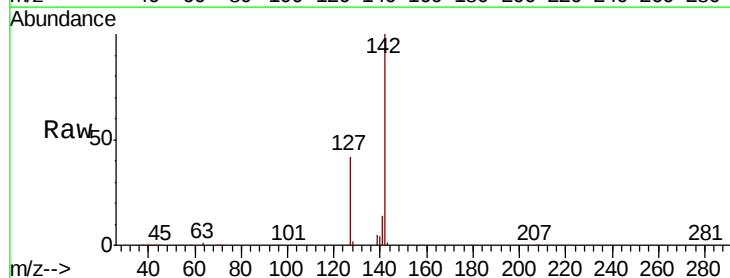
Tgt Ion:142 Resp: 723969

Ion Ratio Lower Upper

142 100

127 42.5 33.7 50.5

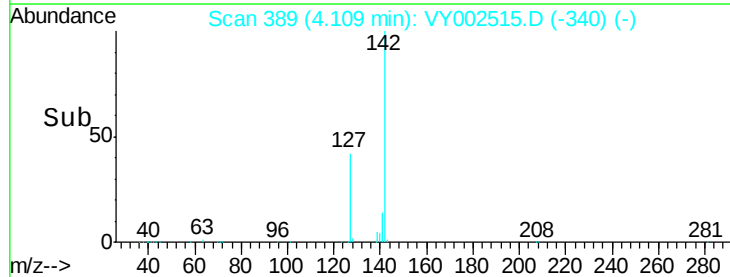
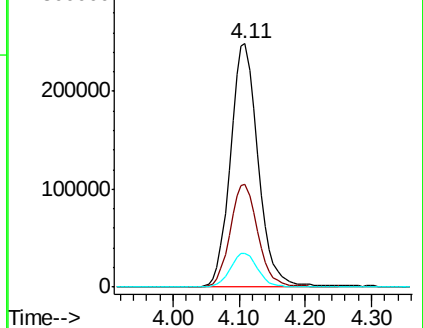
141 14.1 11.4 17.0

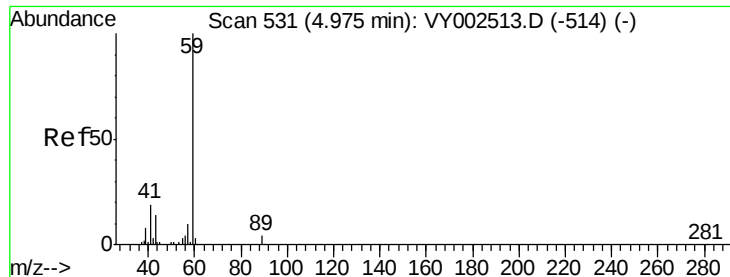


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

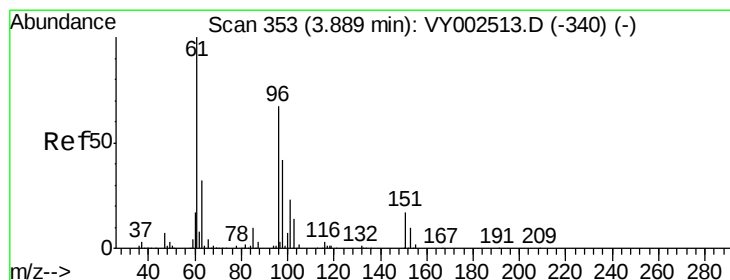
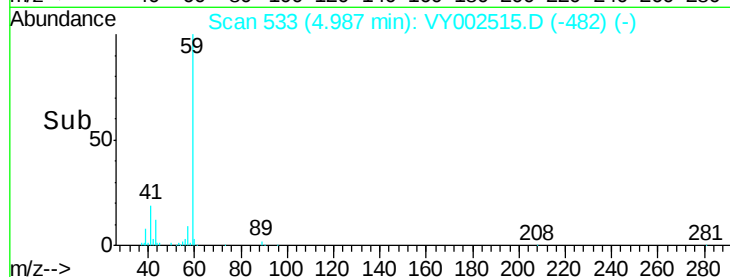
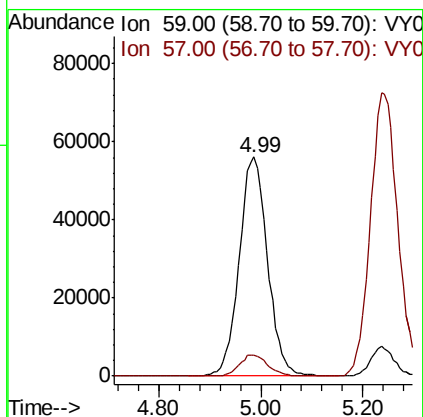
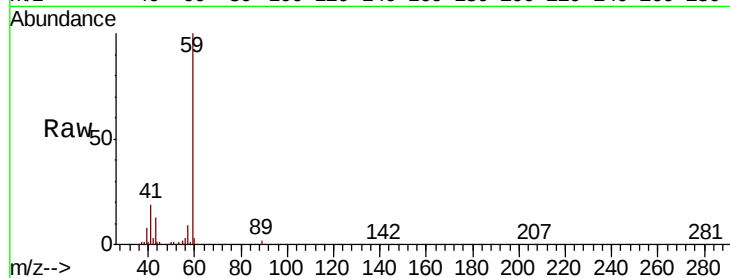




#11
Tert butyl alcohol
Concen: 695.102 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

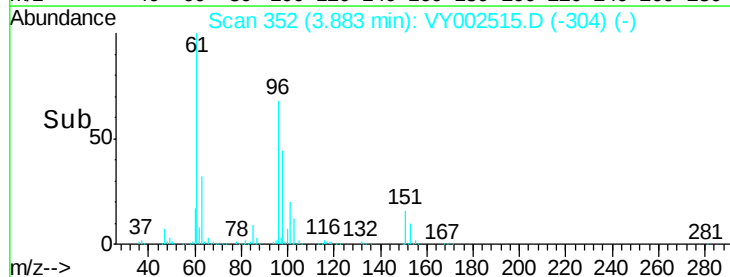
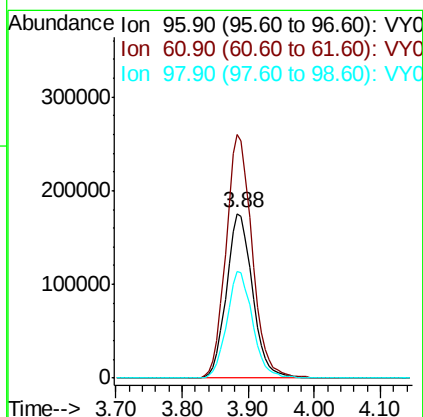
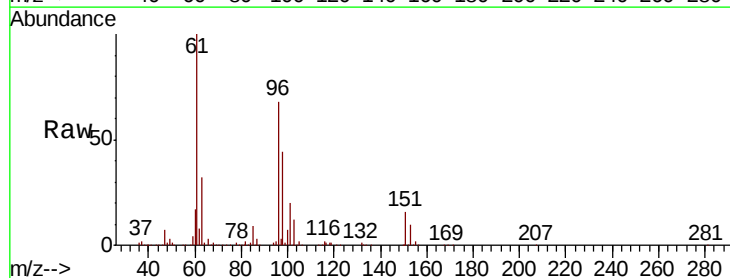
Instrument :
MSVOA_Y
ClientSampleId :

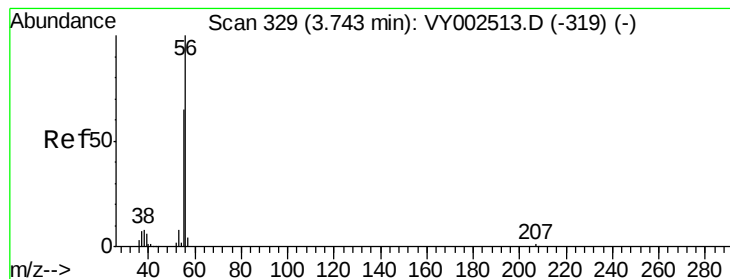
Tot Ion: 59 Resp: 216623
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 155.059 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion: 96 Resp: 480881
Ion Ratio Lower Upper
96 100
61 148.0 118.8 178.2
98 64.5 49.6 74.4





#13

Acrolein

Concen: 848.295 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

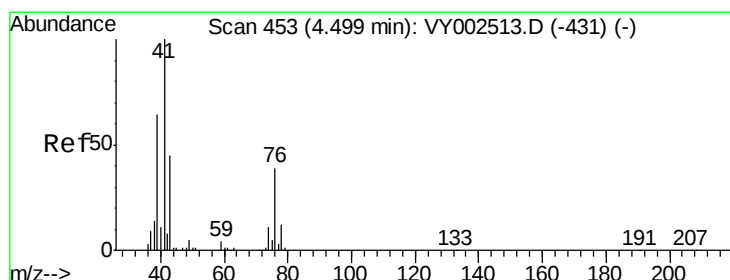
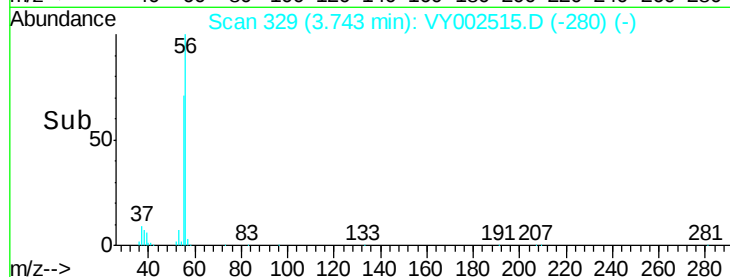
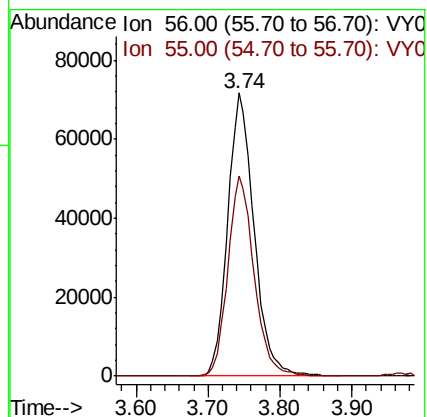
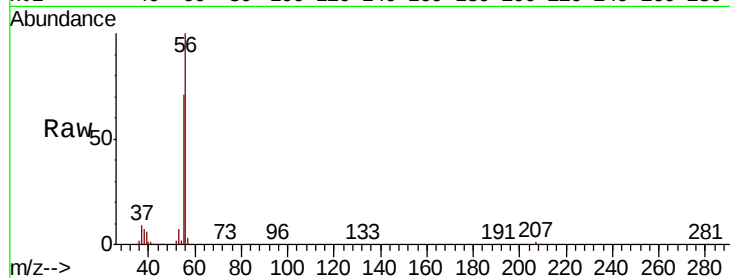
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 182809

Ion Ratio Lower Upper

56 100

55 70.5 53.8 80.6



#14

Allyl chloride

Concen: 156.508 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

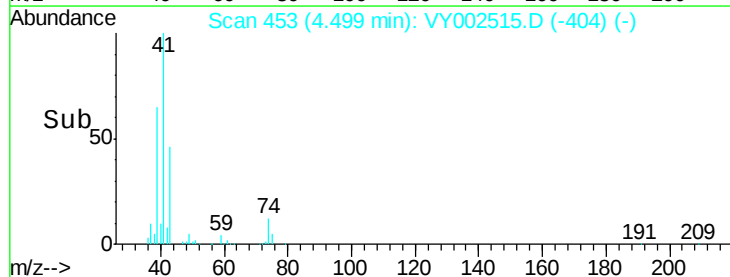
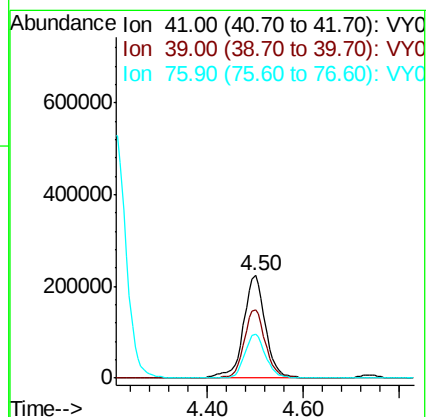
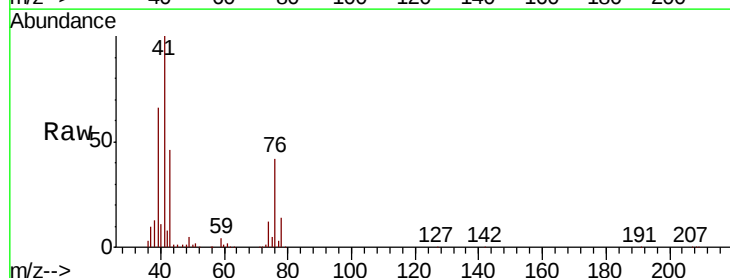
Tgt Ion: 41 Resp: 707196

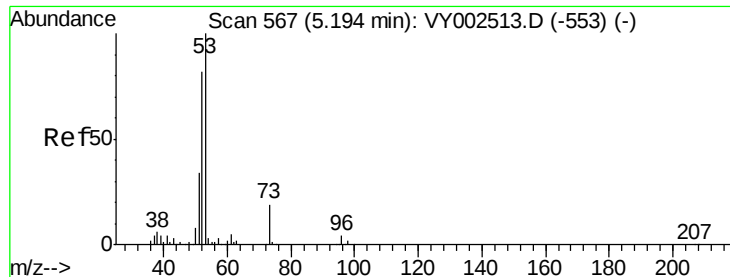
Ion Ratio Lower Upper

41 100

39 65.1 51.8 77.6

76 40.8 31.7 47.5





#15

Acrylonitrile

Concen: 778.276 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :
MSVOA_Y
ClientSampled :

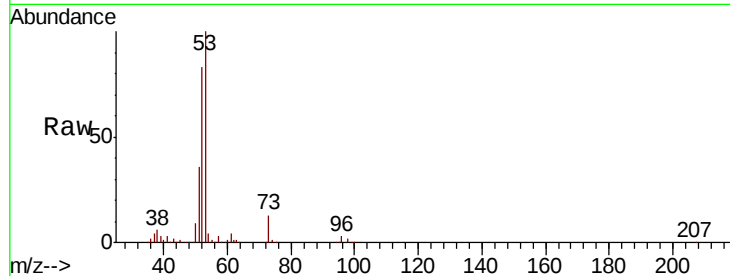
Tot Ion: 53 Resp: 644235

Ion Ratio Lower Upper

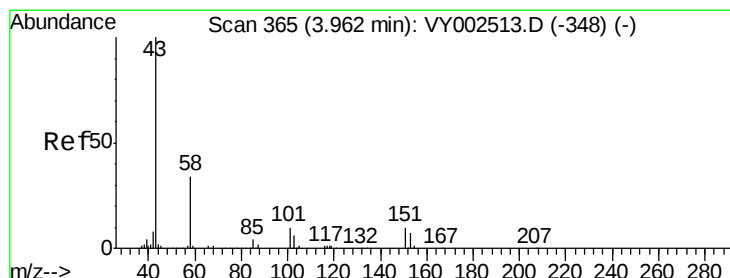
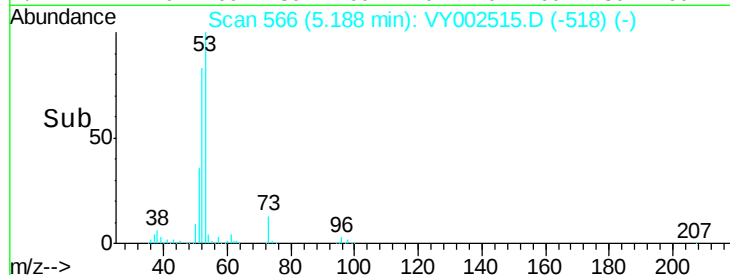
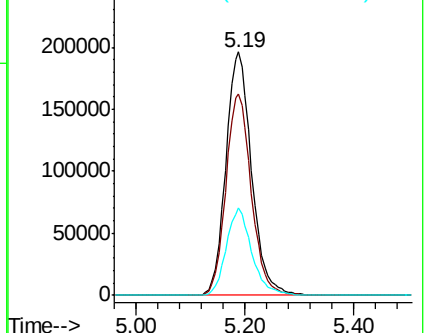
53 100

52 82.0 65.4 98.0

51 35.7 28.7 43.1



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



#16

Acetone

Concen: 774.859 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002515.D

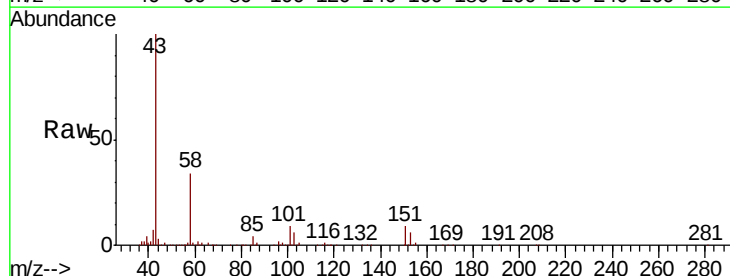
Acq: 30 Apr 2020 16:05

Tgt Ion: 43 Resp: 484395

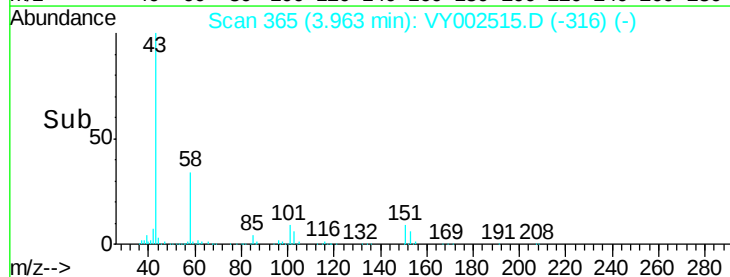
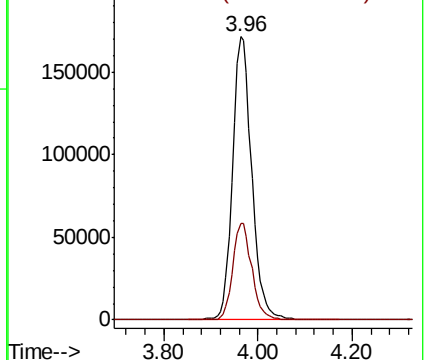
Ion Ratio Lower Upper

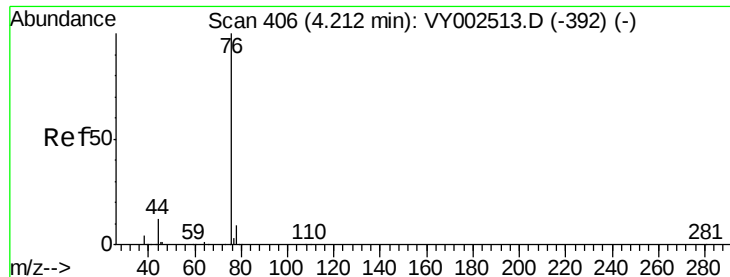
43 100

58 34.0 26.9 40.3



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





#17

Carbon Disulfide

Concen: 161.773 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

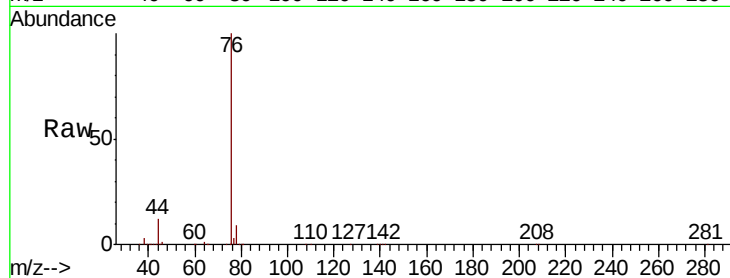
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 76 Resp: 1509318

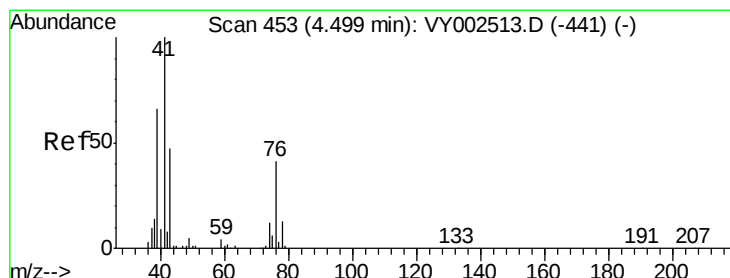
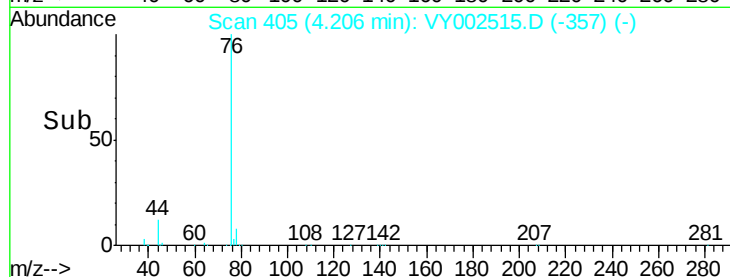
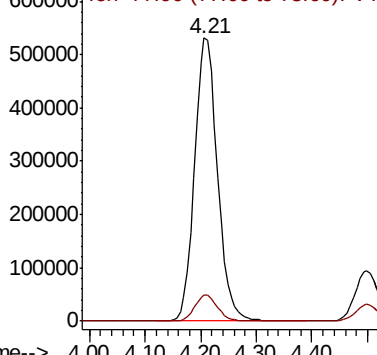
Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 152.035 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002515.D

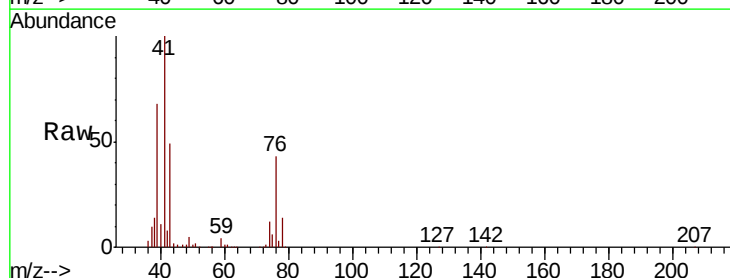
Acq: 30 Apr 2020 16:05

Tgt Ion: 43 Resp: 317562

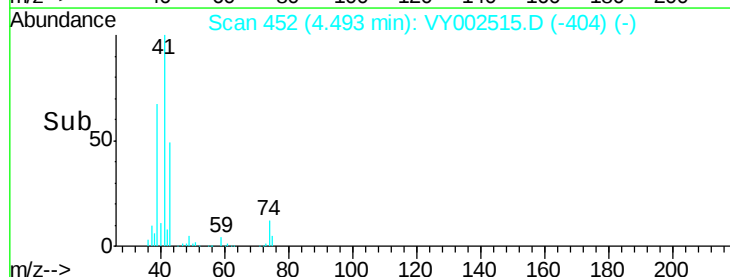
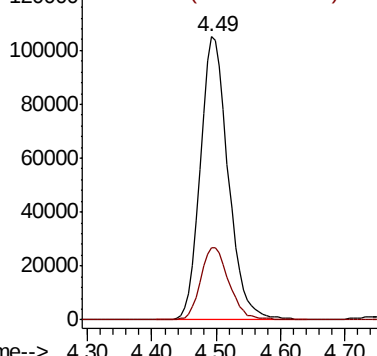
Ion Ratio Lower Upper

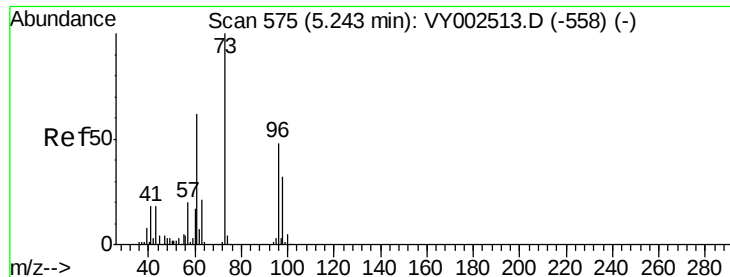
43 100

74 25.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

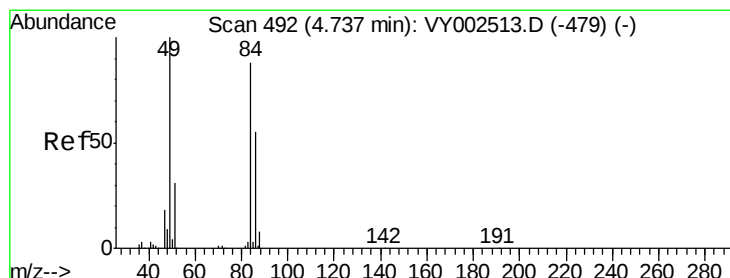
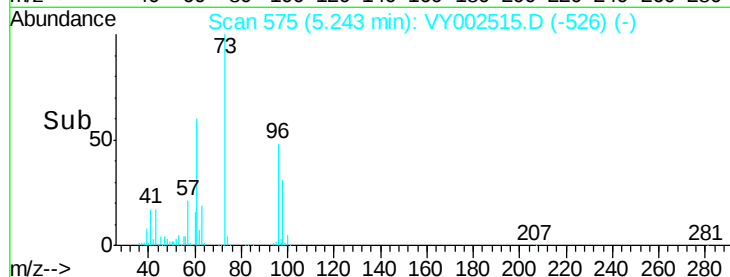
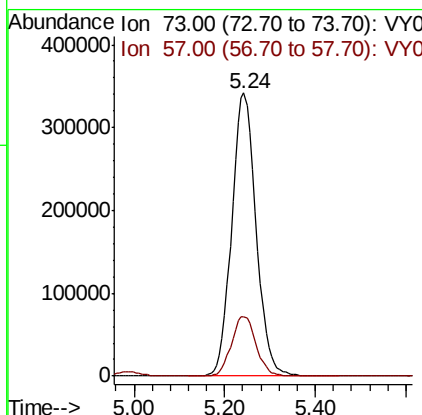
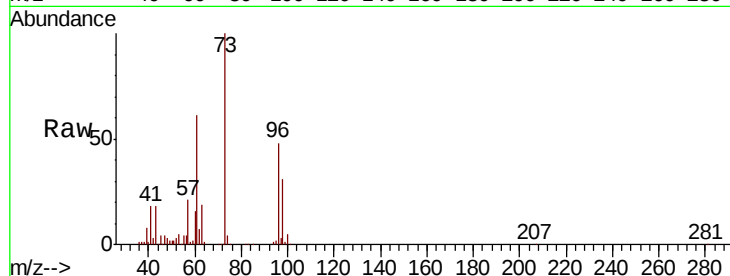




#19
Methvl tert-butvl Ether
Concen: 157.036 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

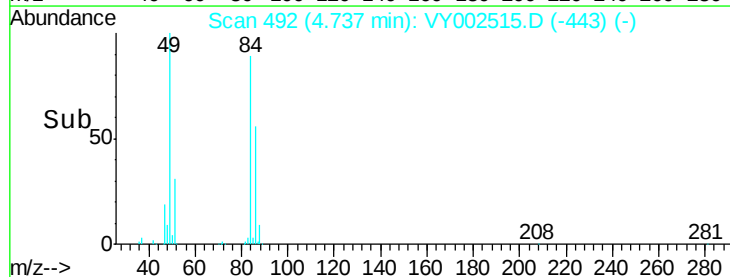
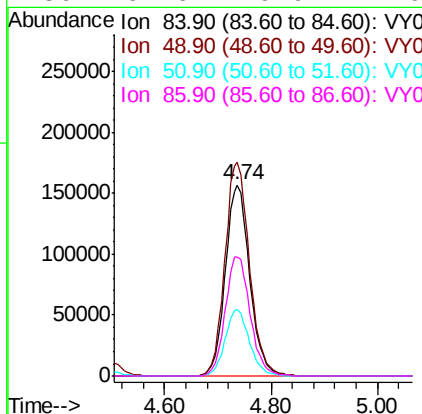
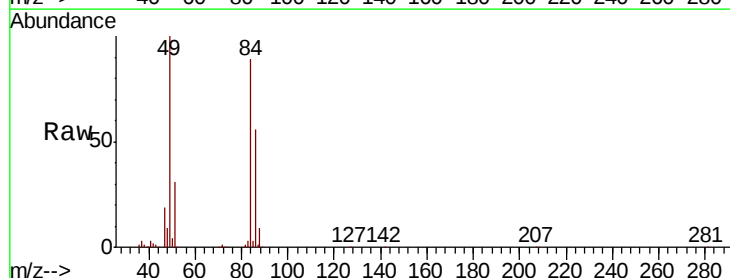
Instrument :
MSVOA_Y
ClientSampleId :

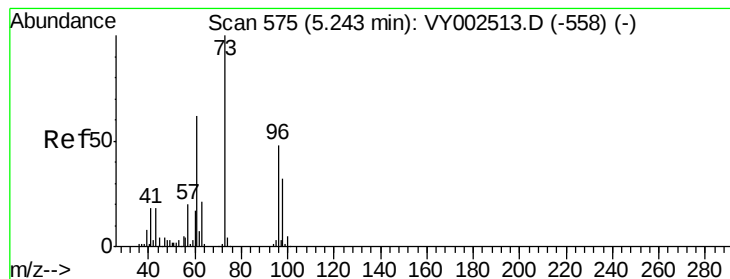
Tot Ion: 73 Resp: 1270607
Ion Ratio Lower Upper
73 100
57 21.1 16.3 24.5



#20
Methylene Chloride
Concen: 143.581 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion: 84 Resp: 501937
Ion Ratio Lower Upper
84 100
49 111.9 90.5 135.7
51 34.6 28.3 42.5
86 62.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 155.130 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :
MSVOA_Y
ClientSampled :

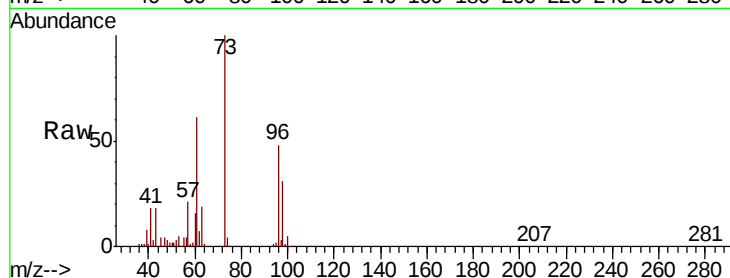
Tot Ion: 96 Resp: 525832

Ion Ratio Lower Upper

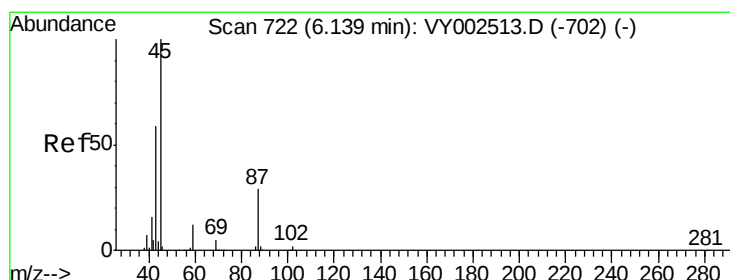
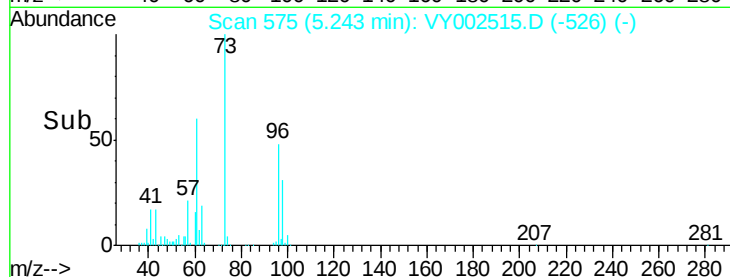
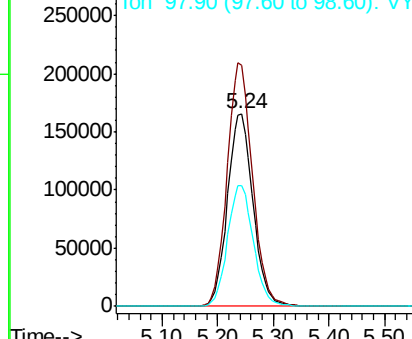
96 100

61 124.9 102.0 153.0

98 62.9 53.0 79.4



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



#22

Diisopropyl ether

Concen: 150.640 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Tgt Ion: 45 Resp: 1377270

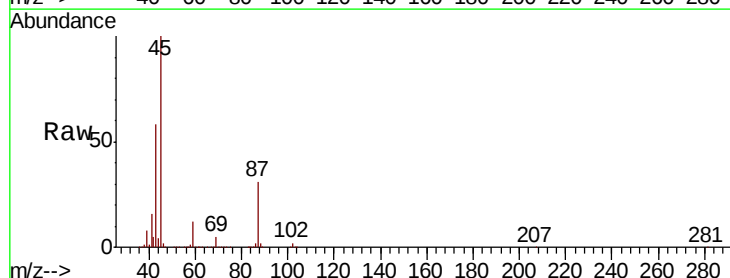
Ion Ratio Lower Upper

45 100

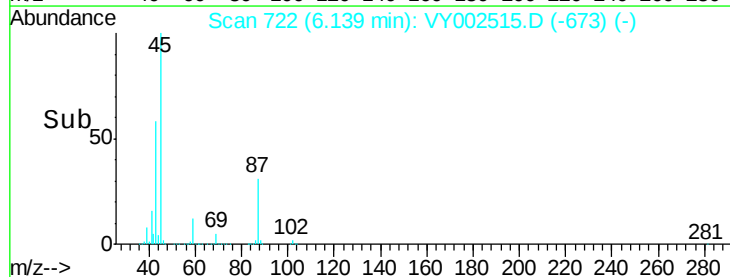
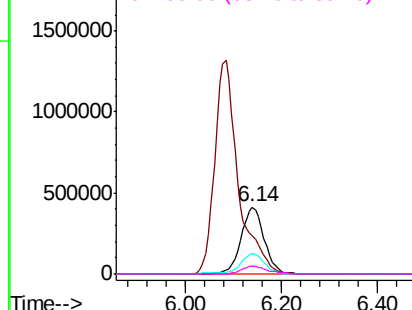
43 57.5 47.4 71.0

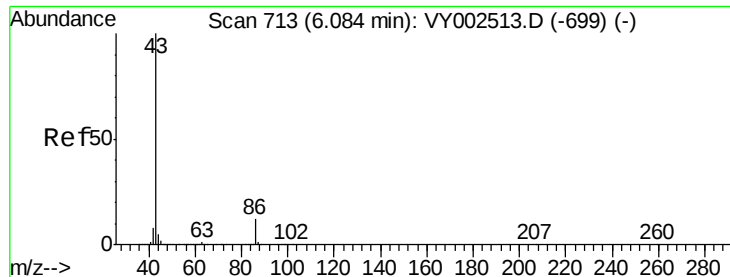
87 30.9 24.0 36.0

59 12.0 9.8 14.8



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

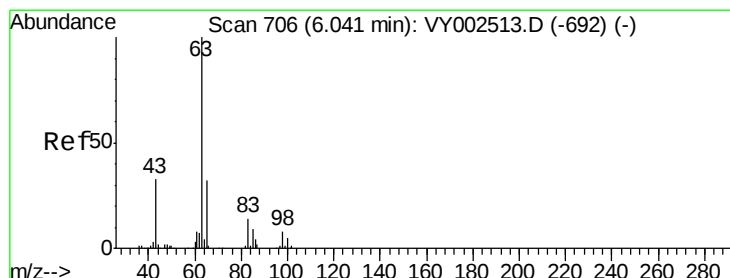
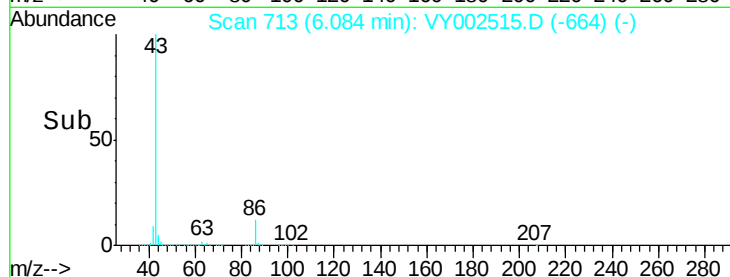
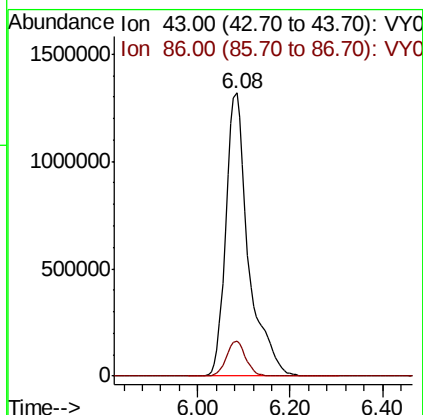
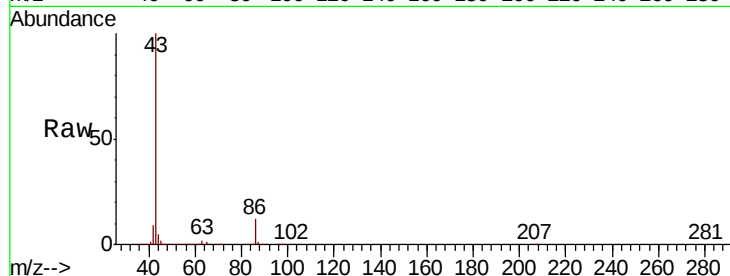




#23
 Vinyl Acetate
 Concen: 779.667 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

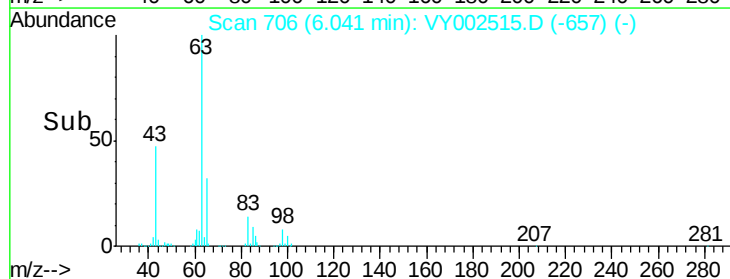
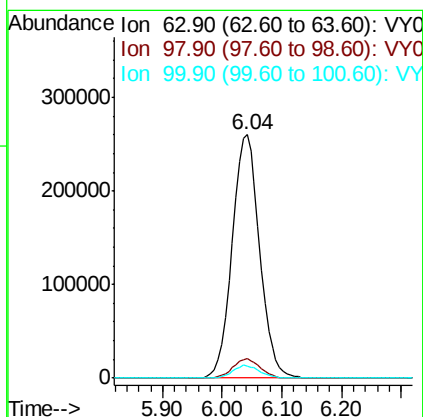
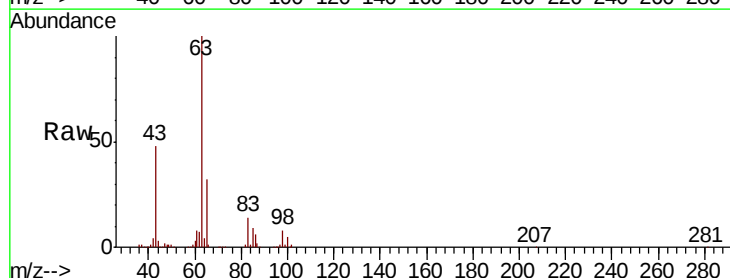
Instrument :
 MSVOA_Y
 ClientSampled :

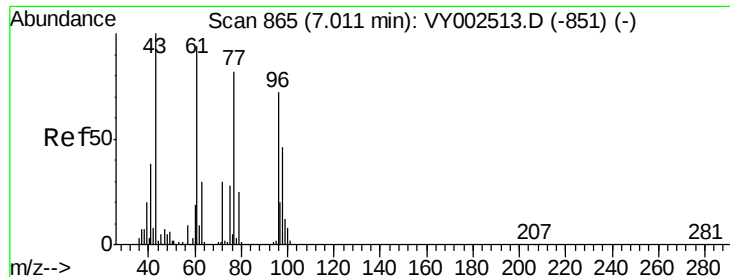
Tot Ion: 43 Resp: 4482994
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 153.602 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Tgt Ion: 63 Resp: 830812
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 5.1 2.4 7.2

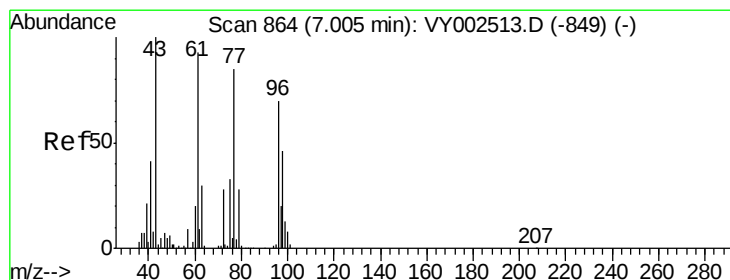
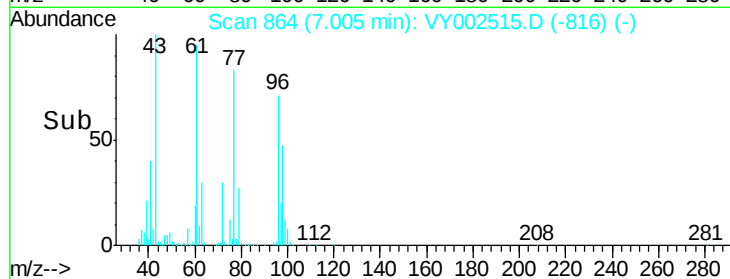
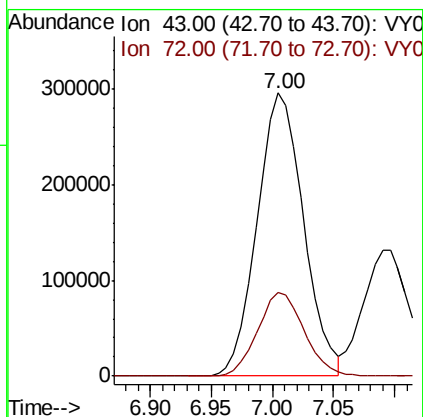
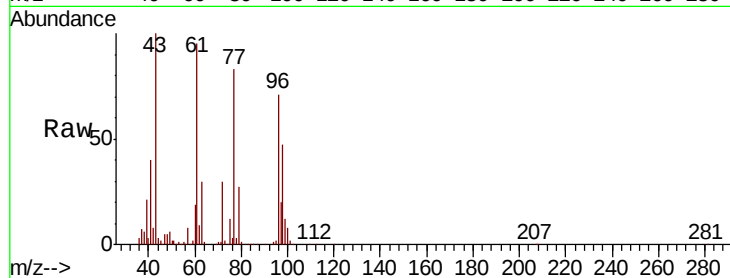




#25
2-Butanone
Concen: 764.490 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

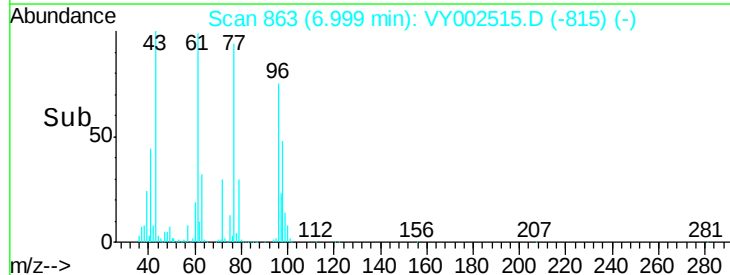
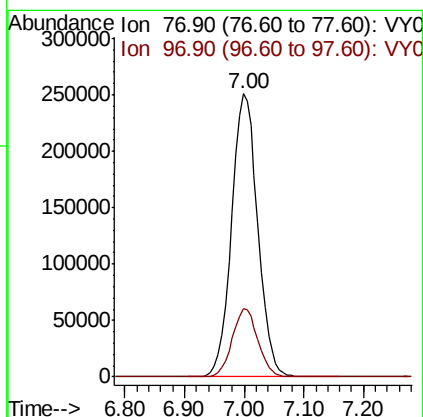
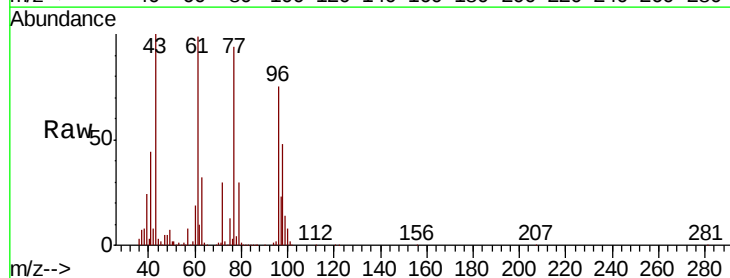
Instrument :
MSVOA_Y
ClientSampleId :

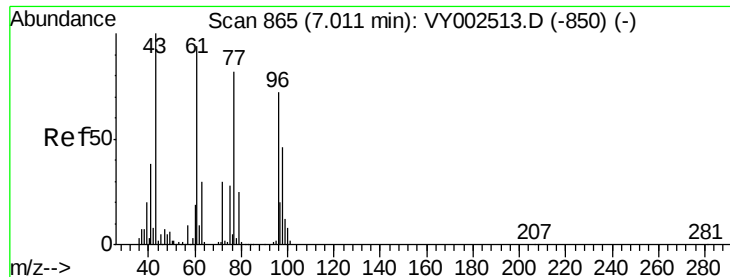
Tot Ion: 43 Resp: 782314
Ion Ratio Lower Upper
43 100
72 29.5 24.1 36.1



#26
2,2-Dichloropropane
Concen: 148.347 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion: 77 Resp: 762694
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5

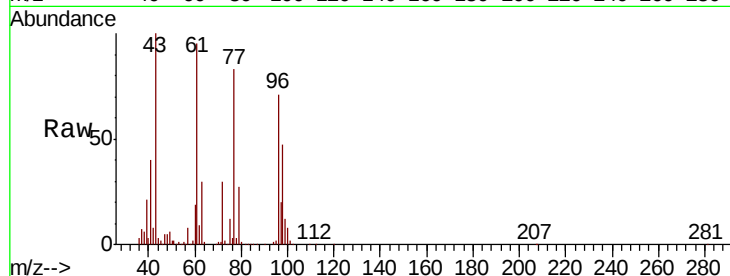




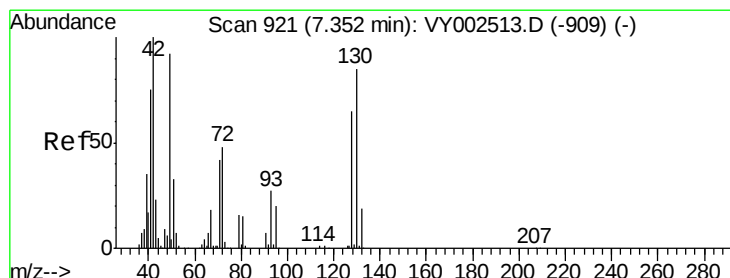
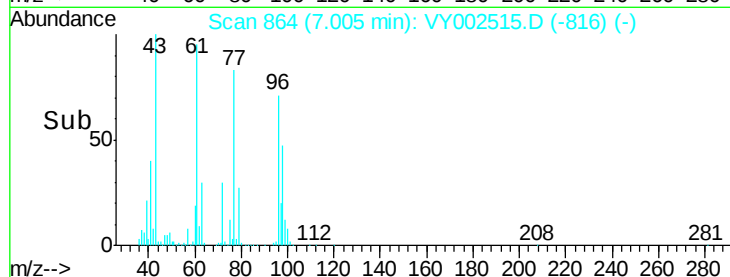
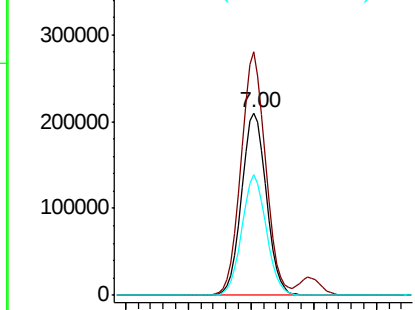
#27
 cis-1,2-Dichloroethene
 Concen: 153.181 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.2	0.0	266.6
98	65.0	0.0	129.2

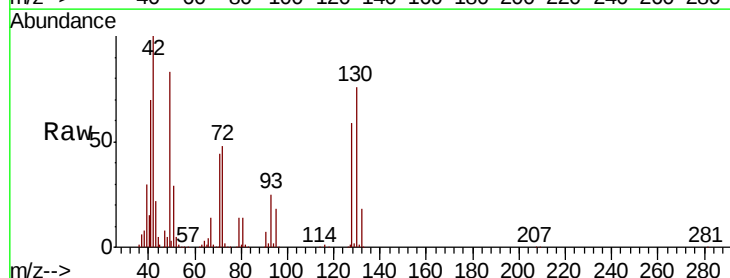


Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0

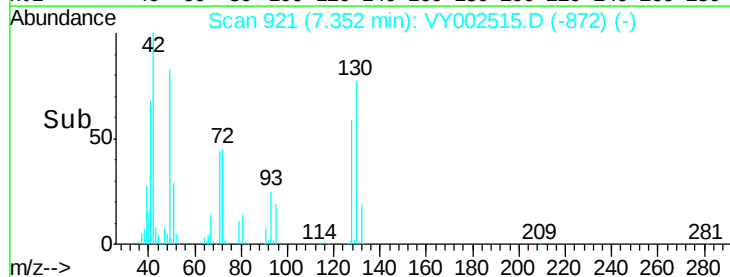
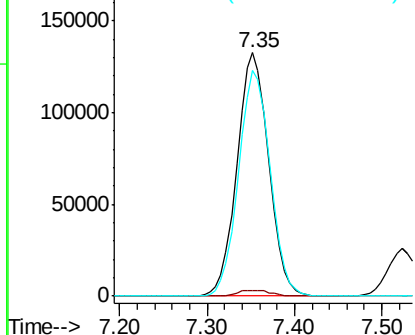


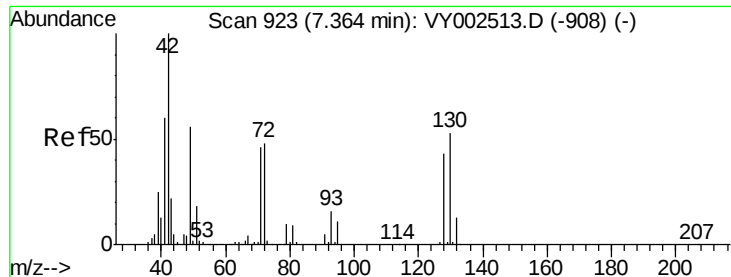
#28
 Bromochloromethane
 Concen: 150.633 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	92.8	72.5	108.7



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

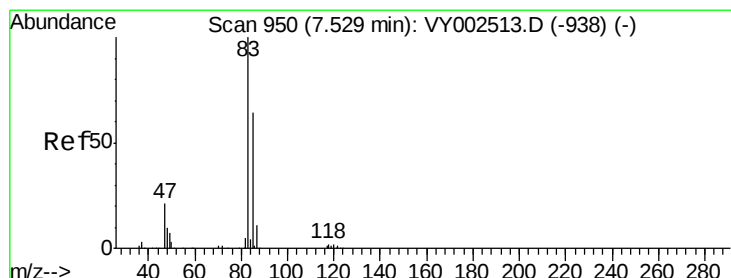
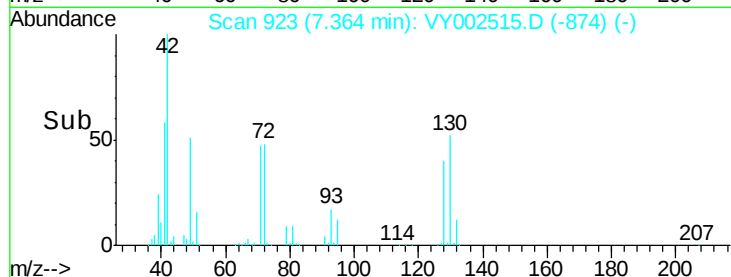
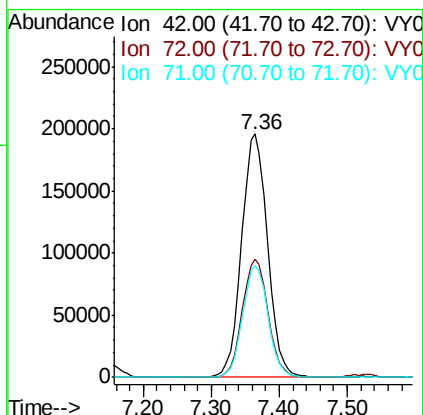
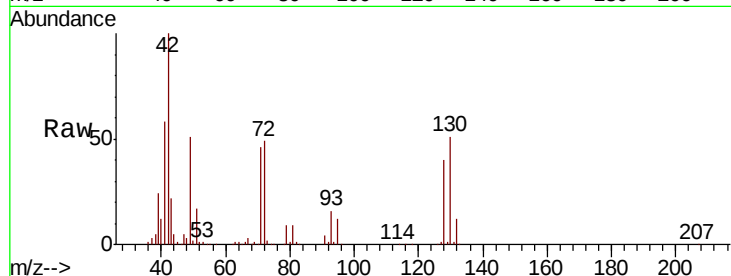




#29
Tetrahydrofuran
Concen: 769.306 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

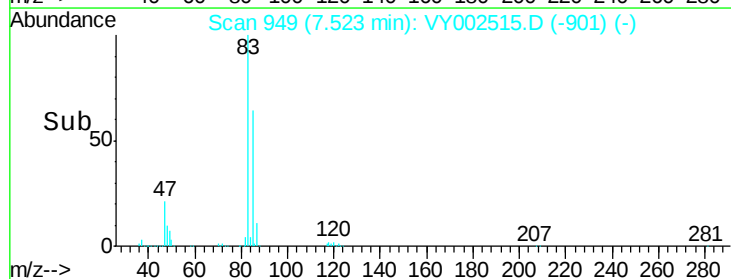
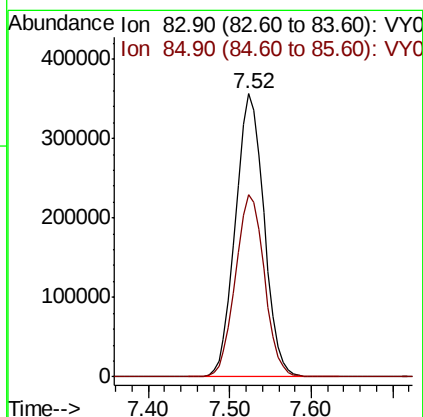
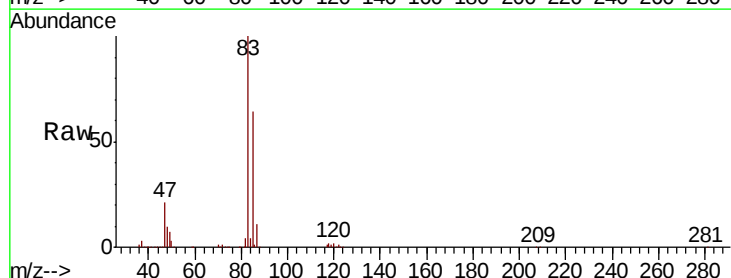
Instrument :
MSVOA_Y
ClientSampled :

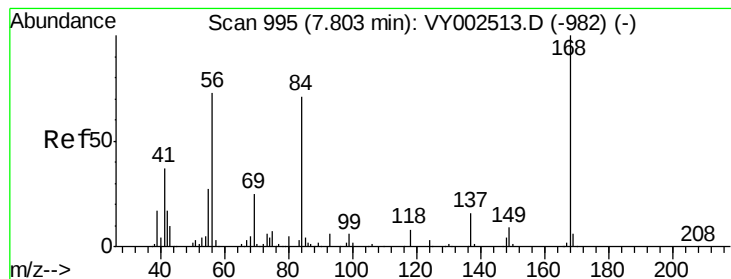
Tot Ion: 42 Resp: 520853
Ion Ratio Lower Upper
42 100
72 48.0 37.4 56.2
71 44.8 35.0 52.4



#30
Chloroform
Concen: 153.537 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion: 83 Resp: 863490
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3





#31

Cyclohexane

Concen: 145.848 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :
MSVOA_Y
ClientSampled :

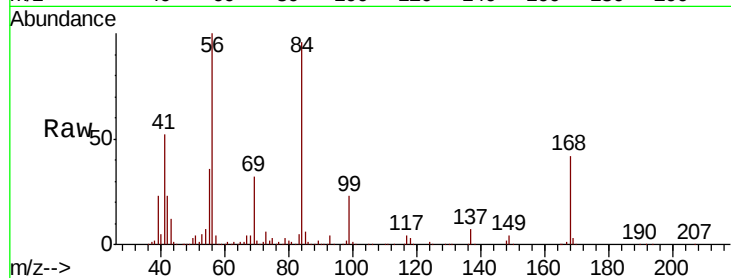
Tot Ion: 56 Resp: 794064

Ion Ratio Lower Upper

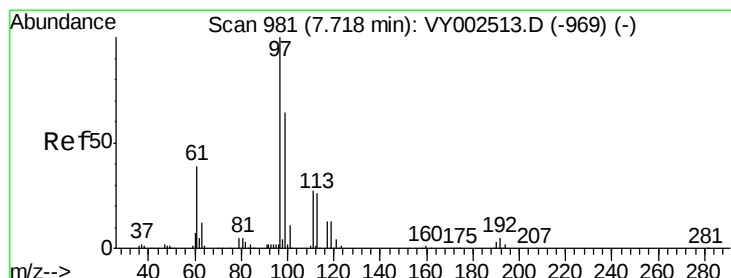
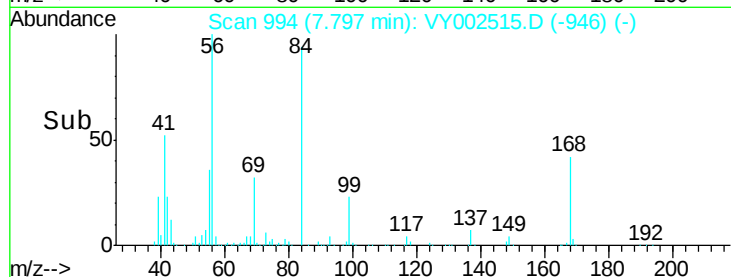
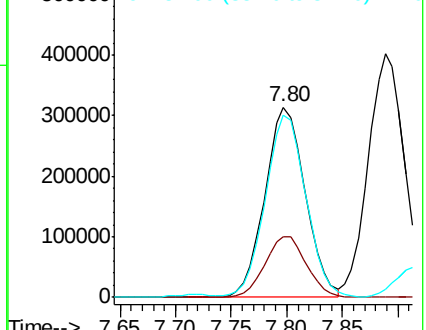
56 100

69 32.1 27.6 41.4

84 94.4 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 156.310 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

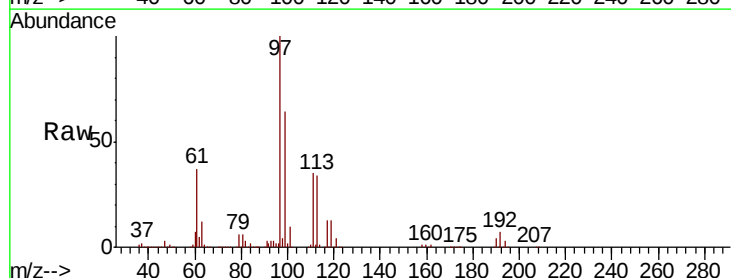
Tgt Ion: 97 Resp: 817086

Ion Ratio Lower Upper

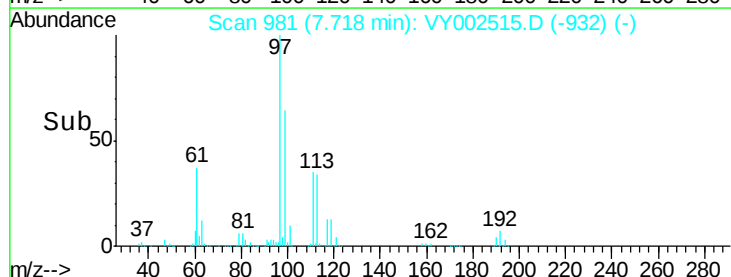
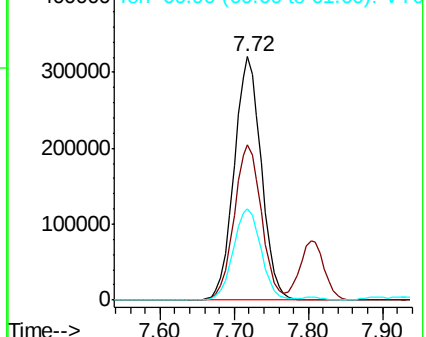
97 100

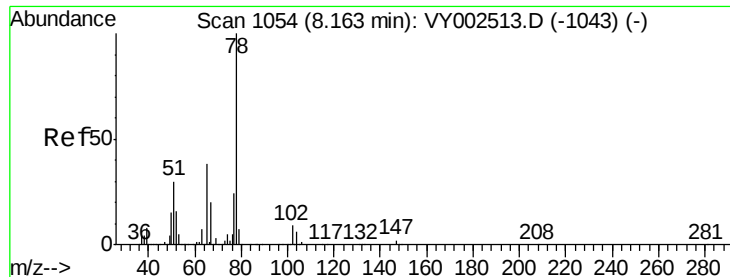
99 64.3 51.9 77.9

61 38.4 31.0 46.6



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

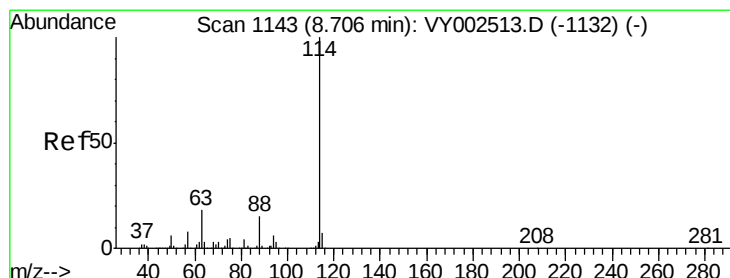
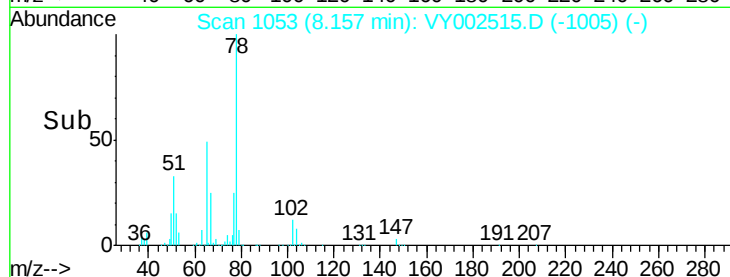
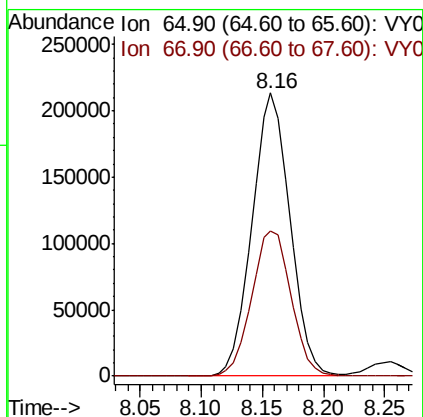
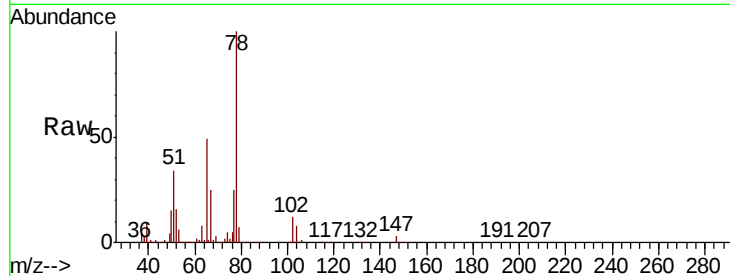




#33
 1,2-Dichloroethane-d4
 Concen: 152.170 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

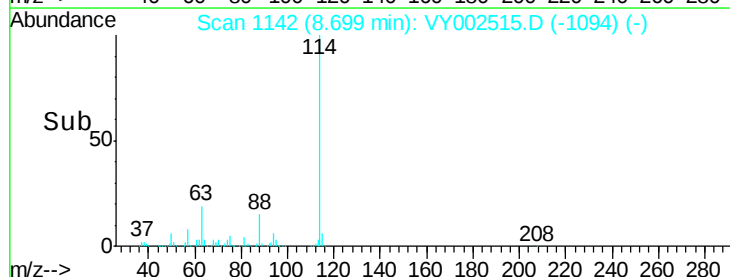
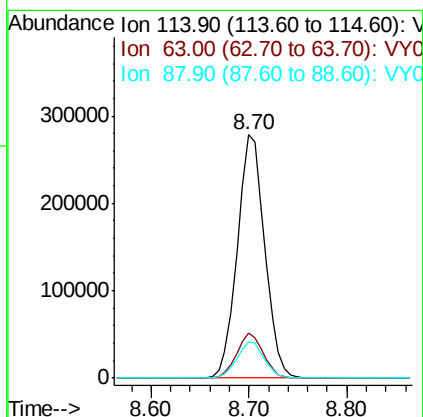
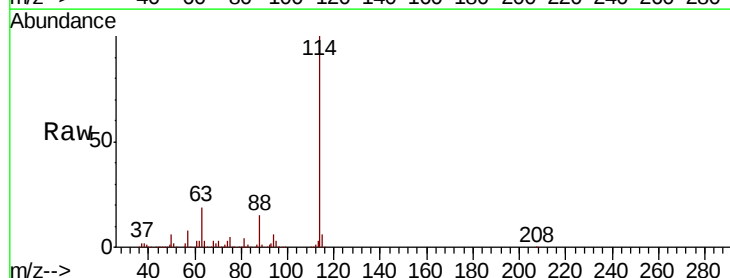
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 65 Resp: 460938
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Tgt Ion: 114 Resp: 540490
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.4
 88 14.9 0.0 29.6

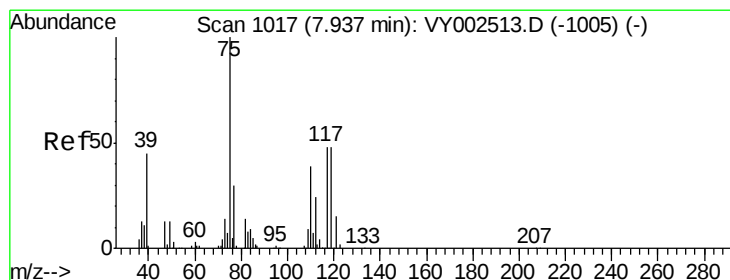
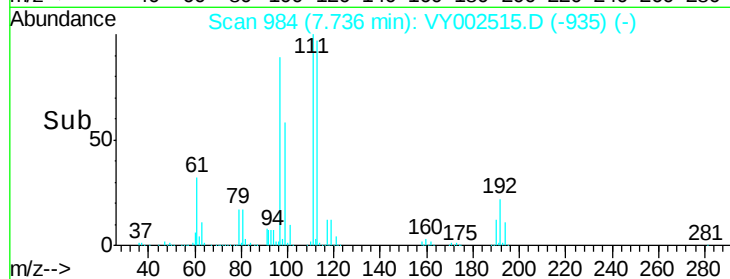
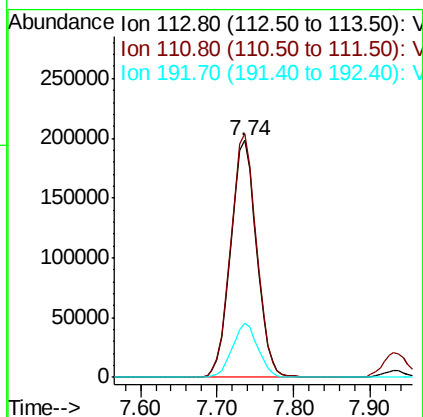
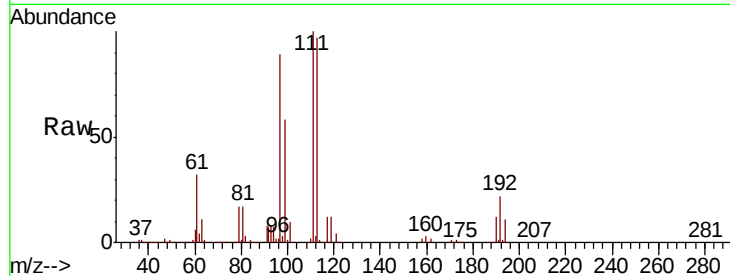




#35
 Dibromofluoromethane
 Concen: 149.544 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

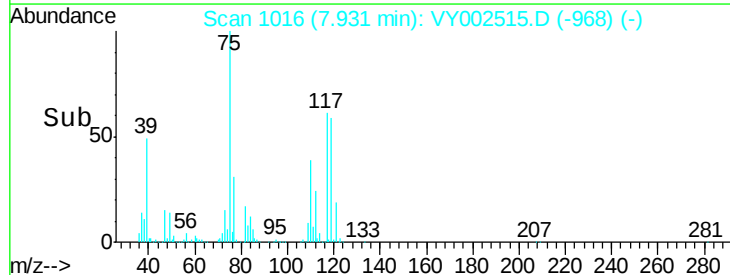
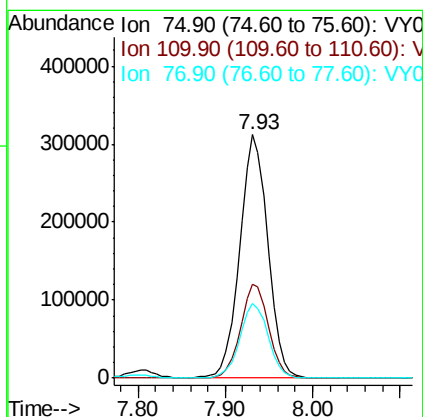
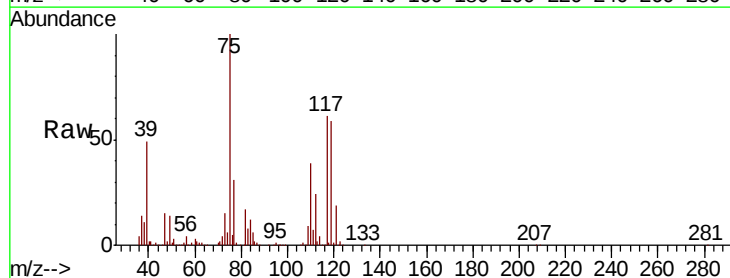
Instrument :
 MSVOA_Y
 ClientSampleId :

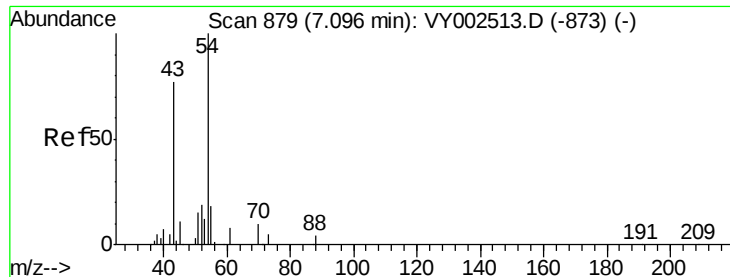
Tot Ion:113 Resp: 462251
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.6
 192 22.7 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 153.110 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Tgt Ion: 75 Resp: 693740
 Ion Ratio Lower Upper
 75 100
 110 38.4 19.1 57.3
 77 31.2 24.6 37.0

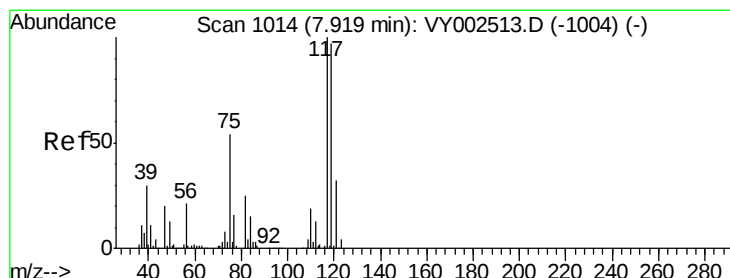
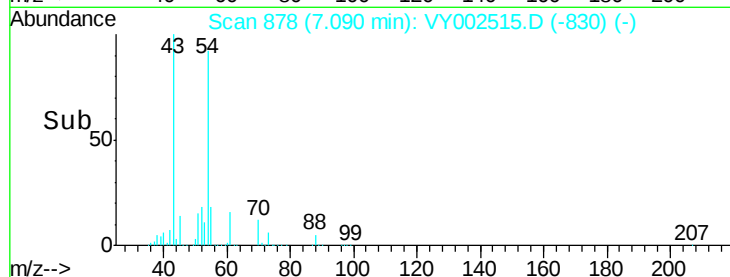
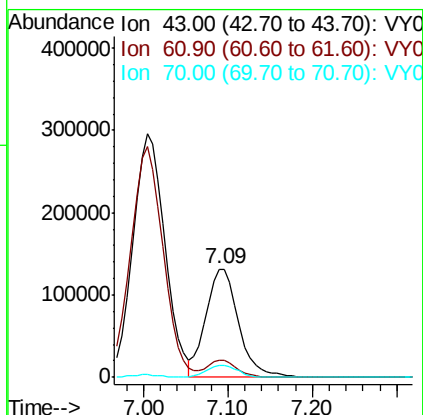
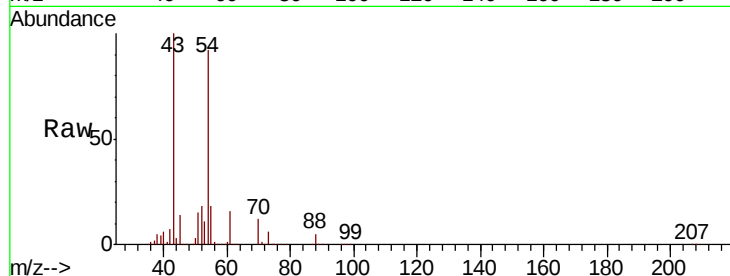




#37
Ethyl Acetate
Concen: 152.467 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

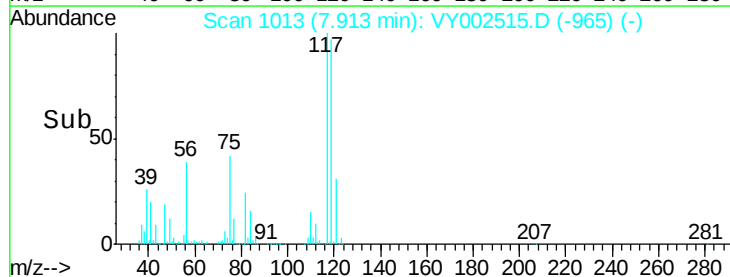
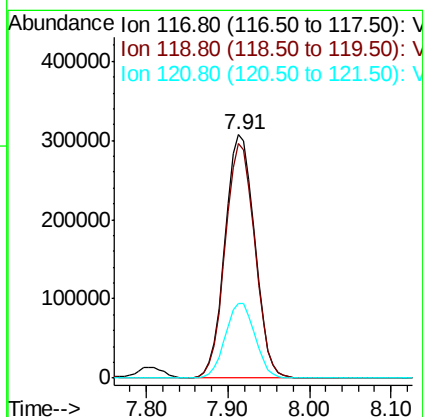
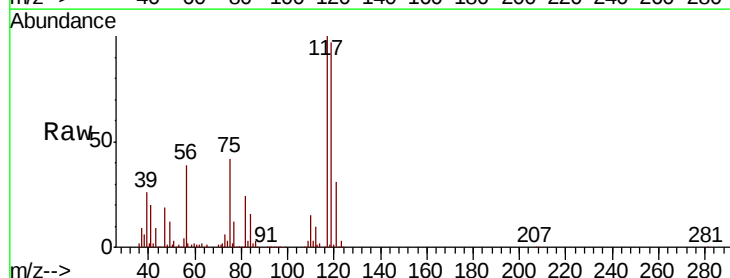
Instrument :
MSVOA_Y
ClientSampled :

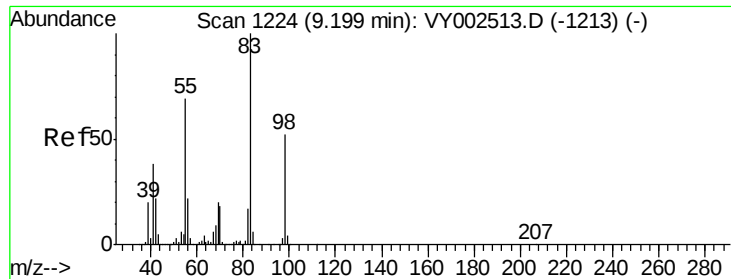
Tot Ion: 43 Resp: 355000
Ion Ratio Lower Upper
43 100
61 14.1 11.6 17.4
70 11.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 156.528 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion: 117 Resp: 774303
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7
121 30.7 25.2 37.8

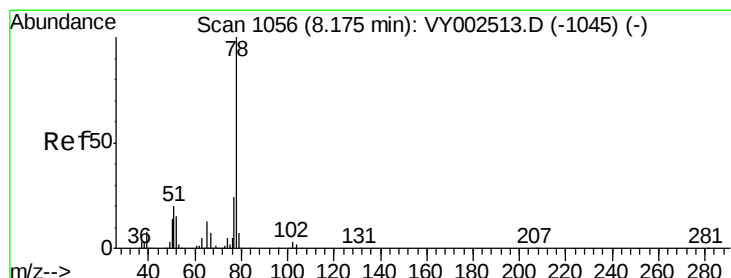
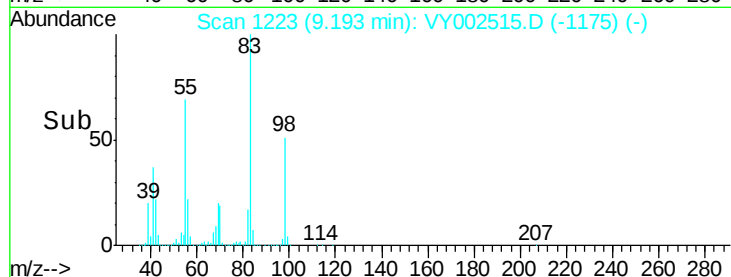
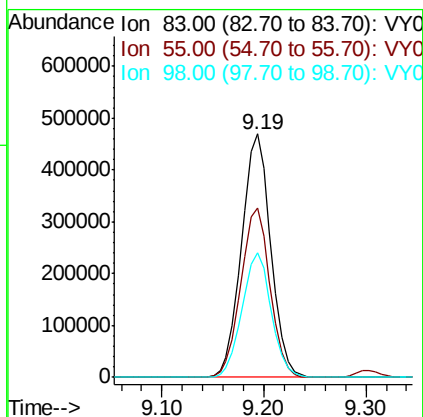
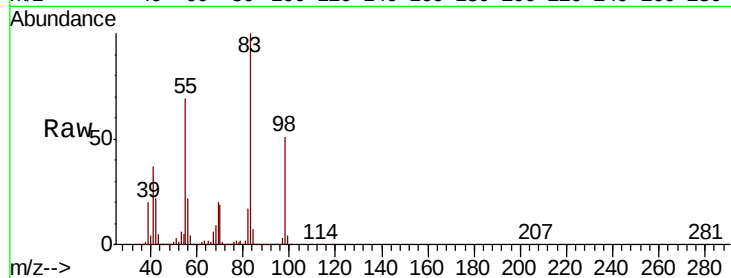




#39
Methylcyclohexane
Concen: 155.991 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

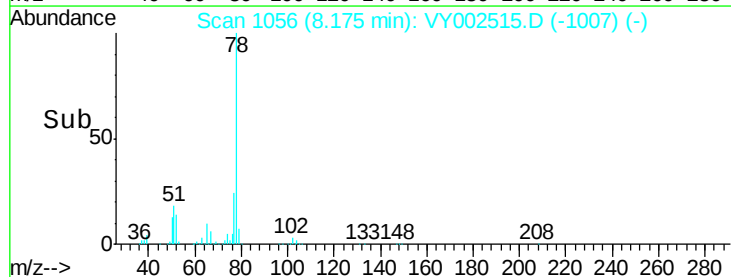
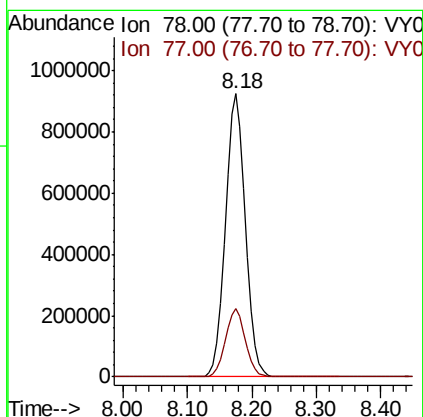
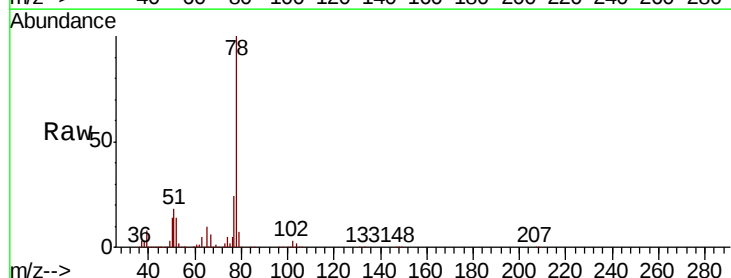
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 933534
Ion Ratio Lower Upper
83 100
55 69.5 55.4 83.0
98 51.0 41.3 61.9



#40
Benzene
Concen: 153.812 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion: 78 Resp: 2012847
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

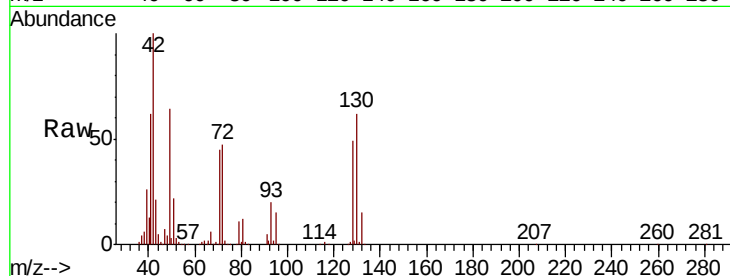




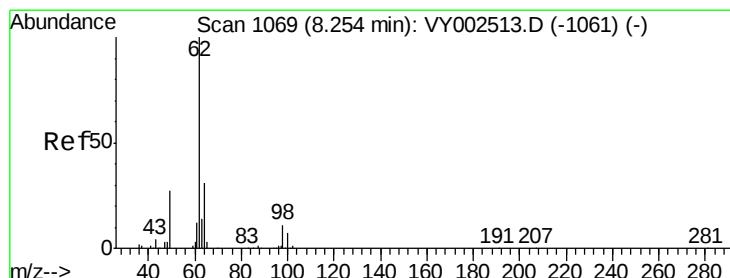
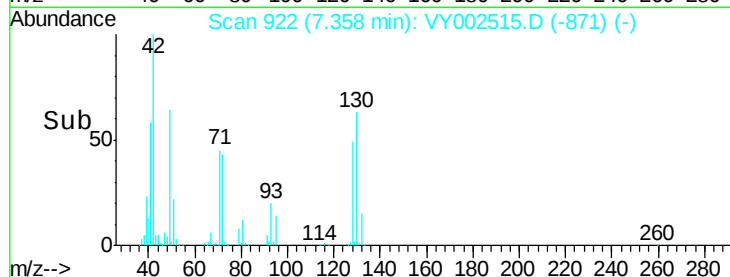
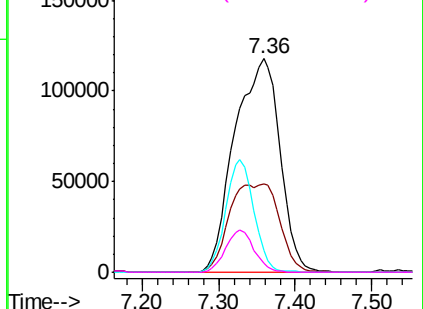
#41
Methacrylonitrile
Concen: 397.871 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	484250
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

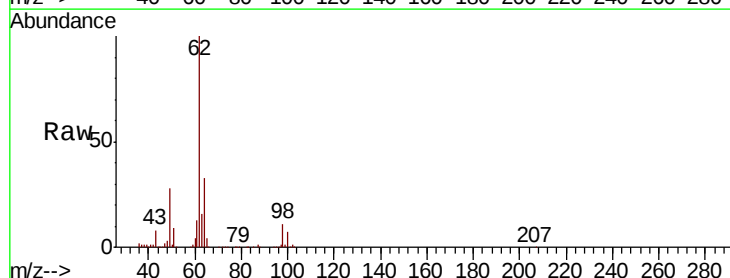


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

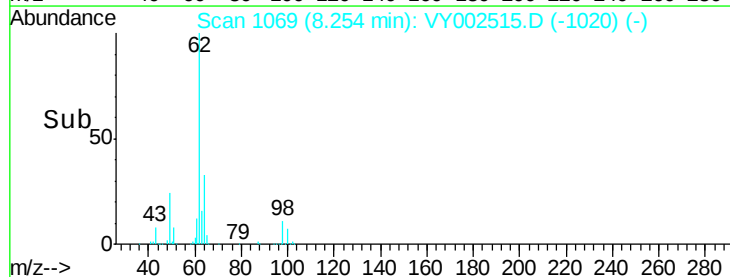
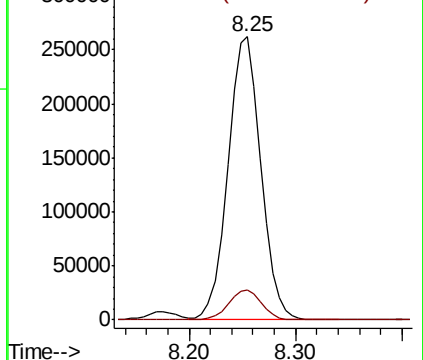


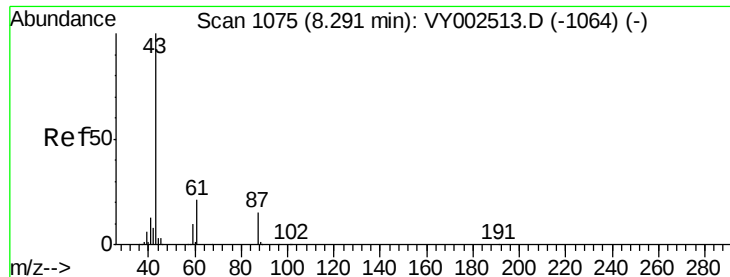
#42
1,2-Dichloroethane
Concen: 154.154 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion:	62	Resp:	565859
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 158.581 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

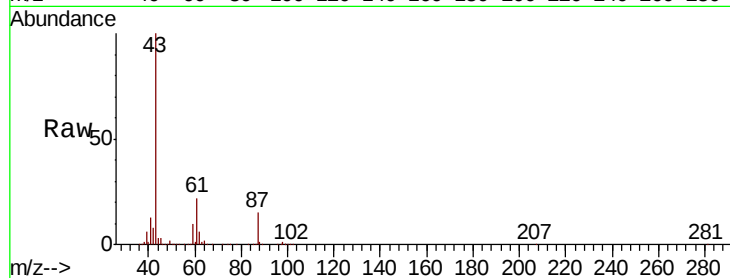
Tot Ion: 43 Resp: 692208

Ion Ratio Lower Upper

43 100

61 30.6 24.8 37.2

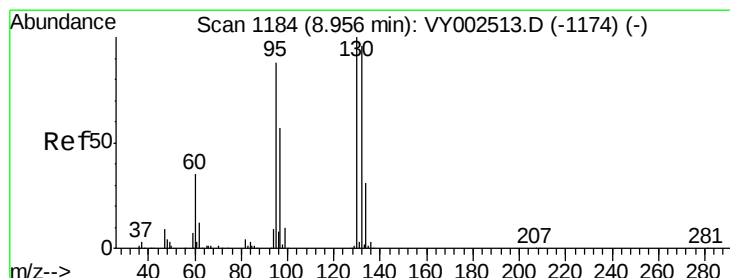
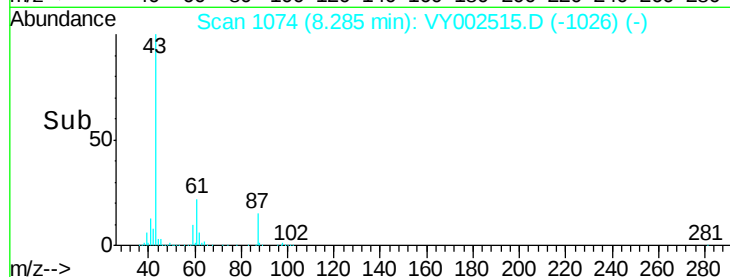
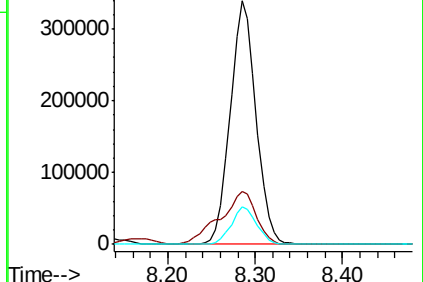
87 15.3 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002515.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY002515.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY002515.D (-1074) (-)



#44

Trichloroethene

Concen: 152.256 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002515.D

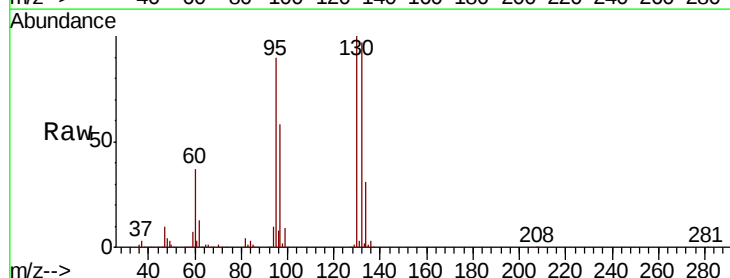
Acq: 30 Apr 2020 16:05

Tgt Ion:130 Resp: 622683

Ion Ratio Lower Upper

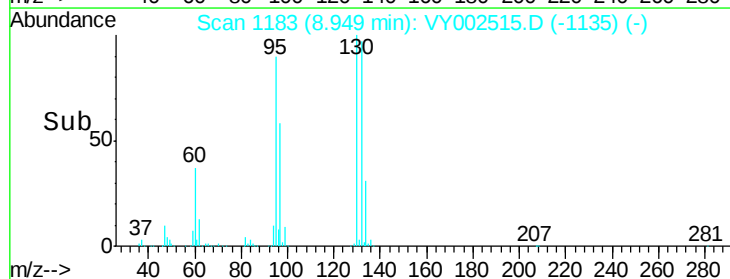
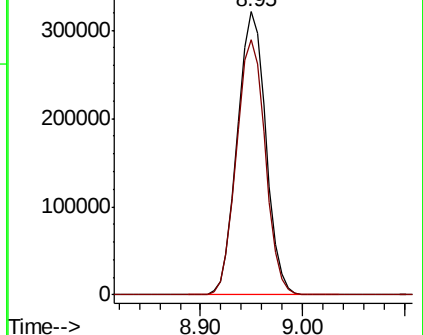
130 100

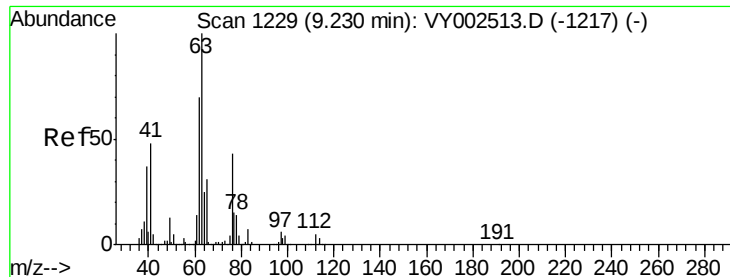
95 90.2 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002515.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY002515.D (-1183) (-)





#45

1,2-Dichloropropane

Concen: 152.283 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

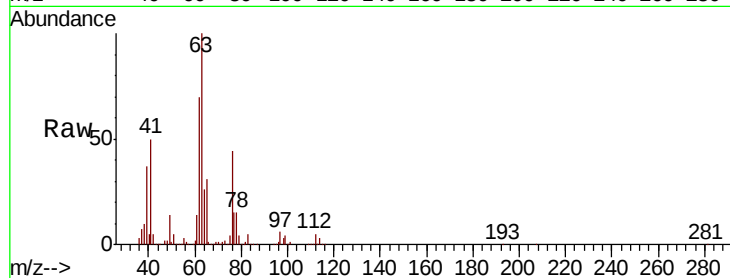
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 63 Resp: 480963

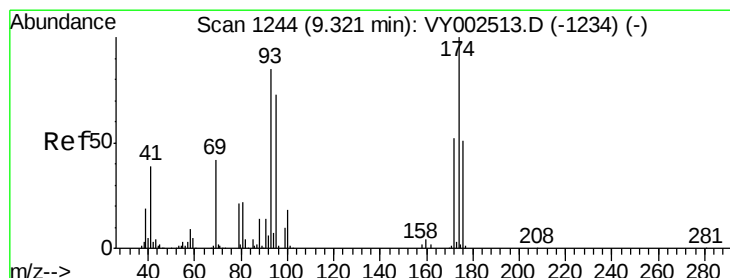
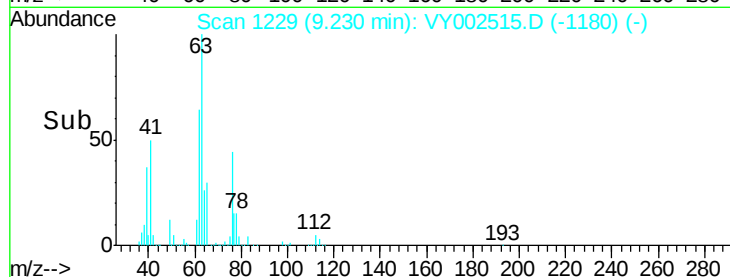
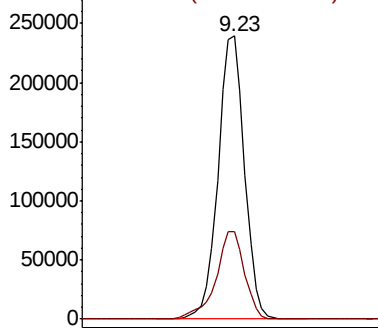
Ion Ratio Lower Upper

63 100

65 30.7 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 154.052 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

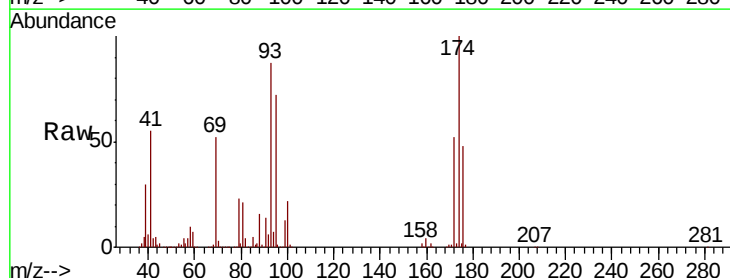
Tgt Ion: 93 Resp: 279941

Ion Ratio Lower Upper

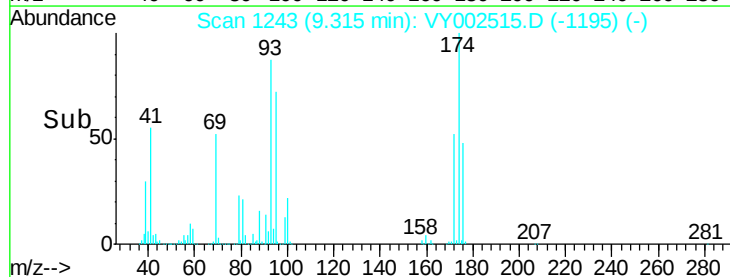
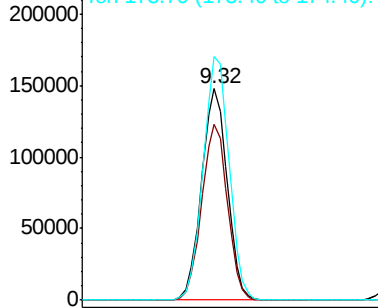
93 100

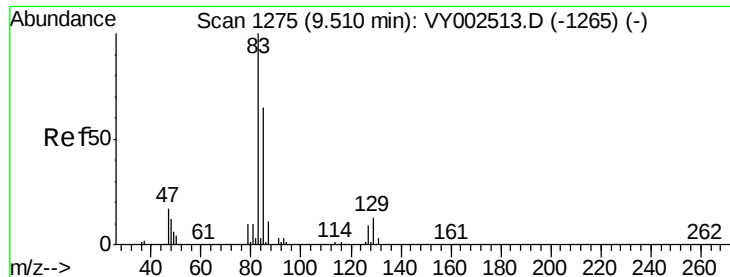
95 83.2 67.0 100.4

174 116.7 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V

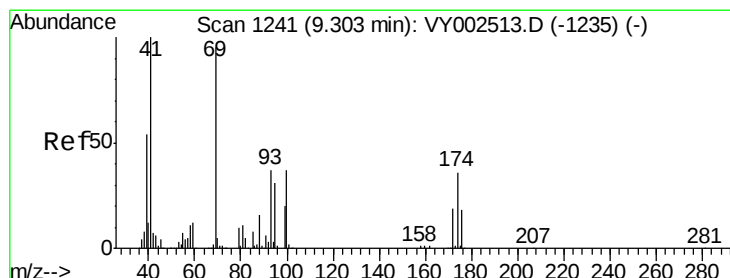
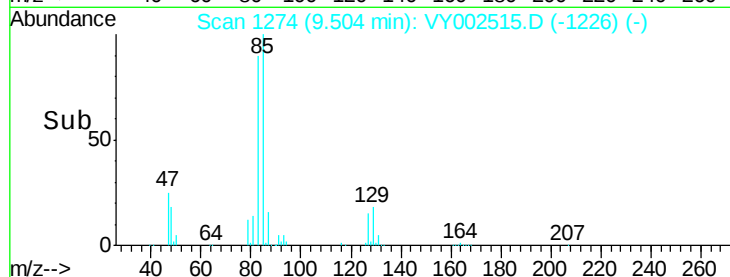
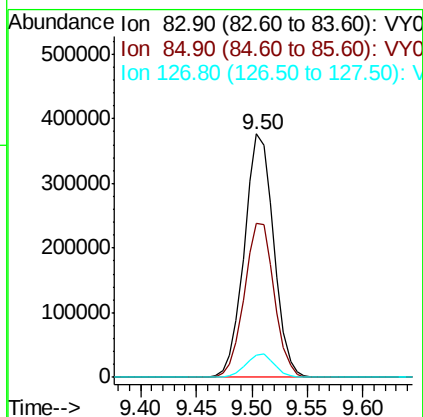
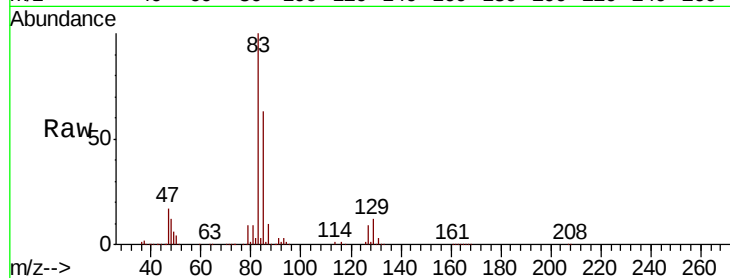




#47
Bromodichloromethane
Concen: 155.903 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

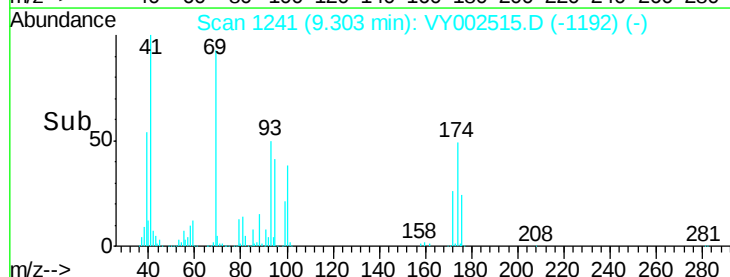
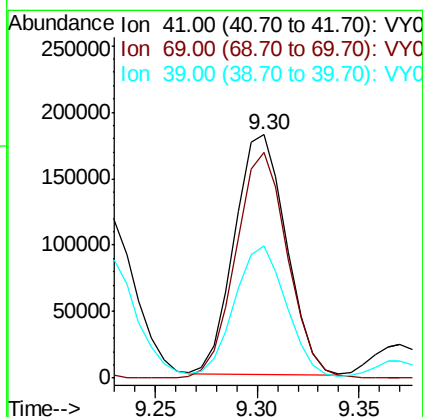
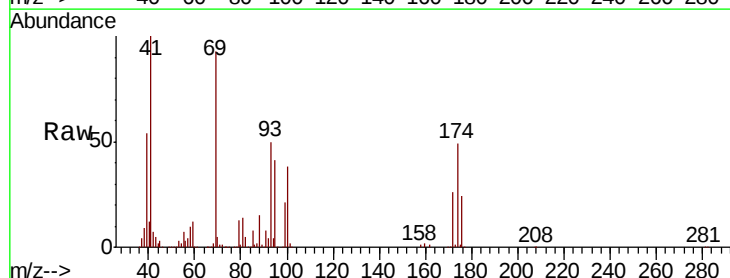
Instrument :
MSVOA_Y
ClientSampleId :

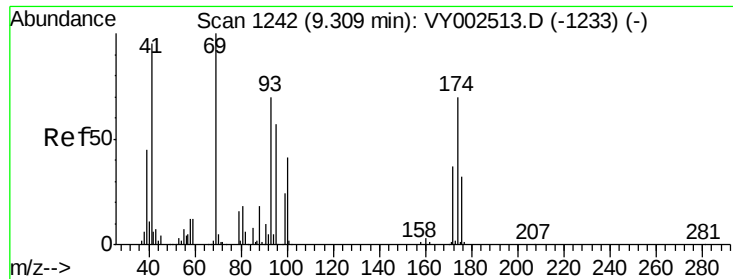
Tot Ion	83	Resp	688866
Ion Ratio	100		
85	63.4	51.8	77.8
127	9.2	7.4	11.0



#48
Methyl methacrylate
Concen: 161.622 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion	41	Resp	319280
Ion Ratio	100		
69	94.2	76.2	114.4
39	53.7	42.7	64.1

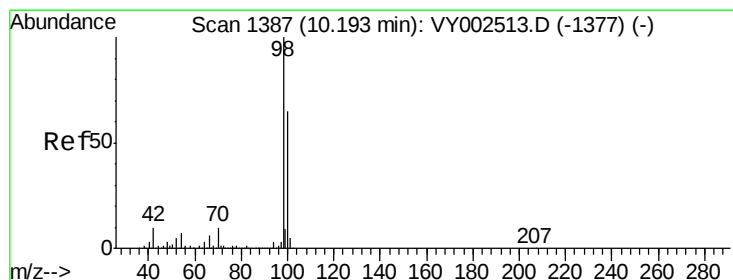
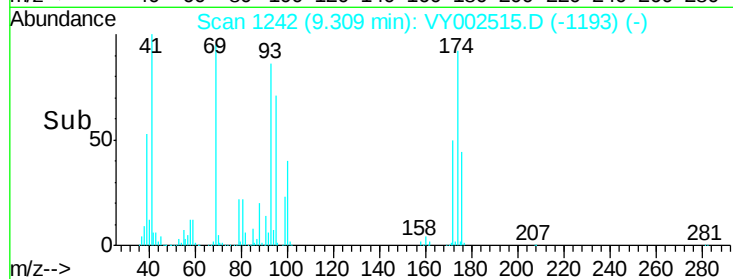
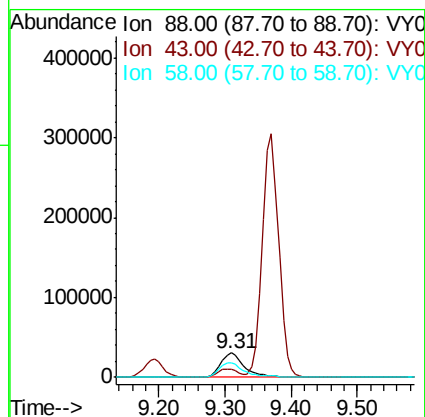
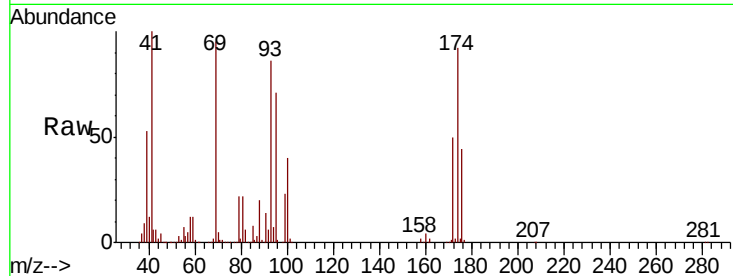




#49
1,4-Dioxane
Concen: 3173.295 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

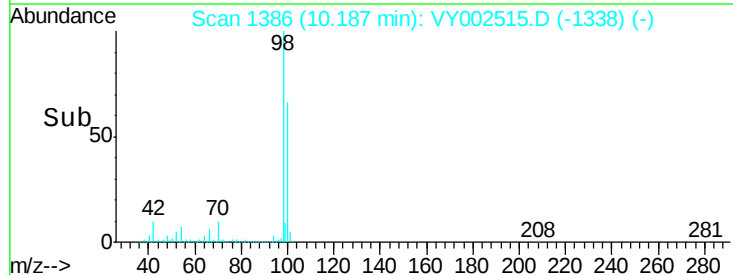
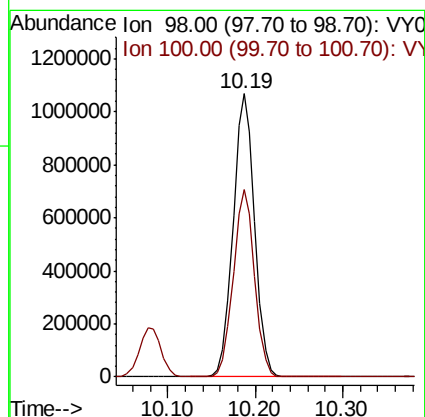
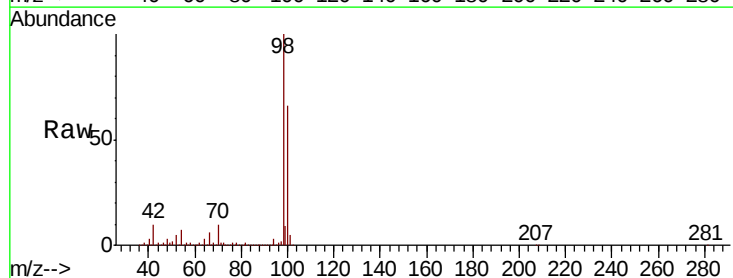
Instrument :
MSVOA_Y
ClientSampleId :

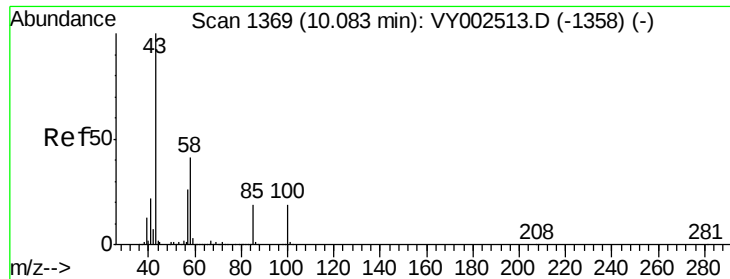
Tot Ion: 88 Resp: 76350
Ion Ratio Lower Upper
88 100
43 27.5 22.8 34.2
58 65.2 51.4 77.2



#50
Toluene-d8
Concen: 150.640 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion: 98 Resp: 1818388
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2

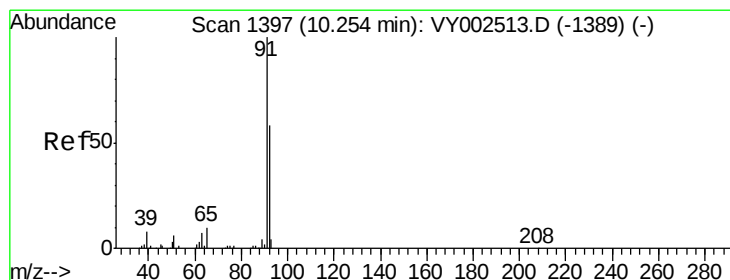
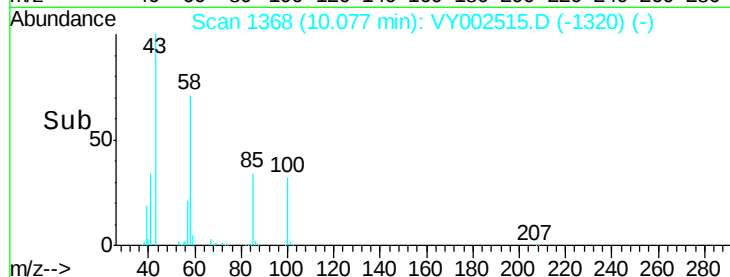
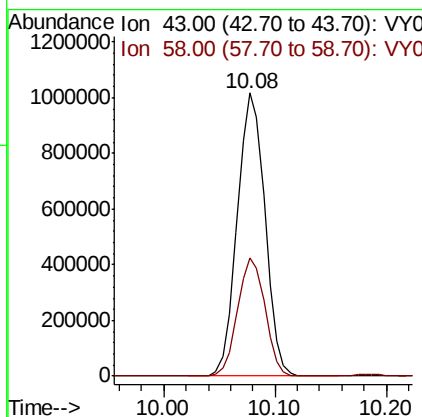
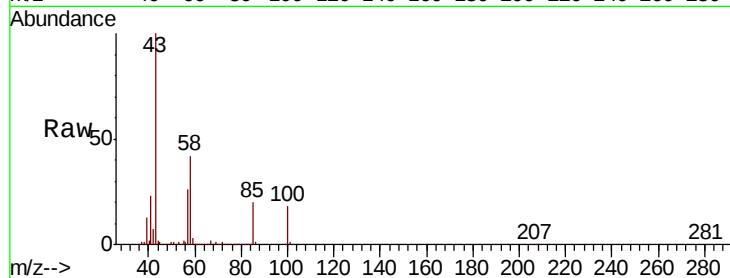




#51
 4-Methyl-2-Pentanone
 Concen: 776.156 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

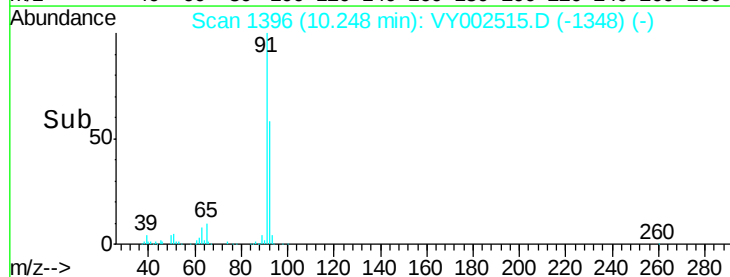
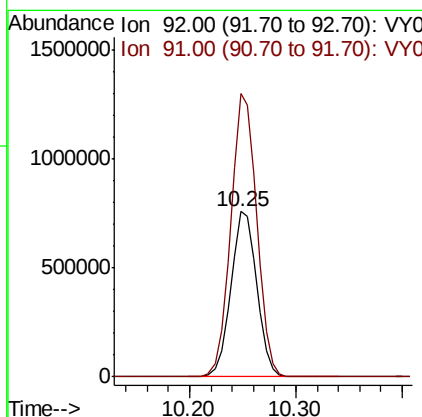
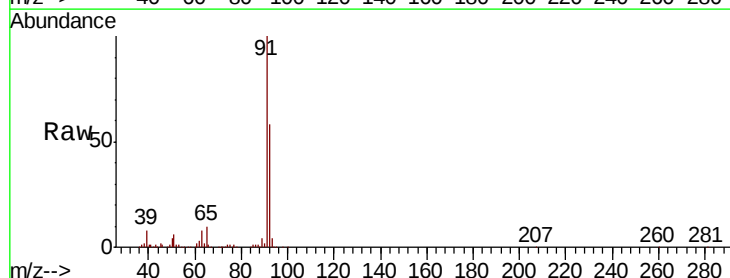
Instrument :
 MSVOA_Y
 ClientSampleId :

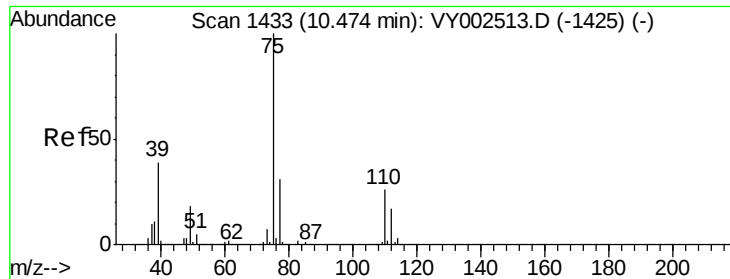
Tot Ion: 43 Resp: 1746269
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.2 49.8



#52
 Toluene
 Concen: 153.662 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Tgt Ion: 92 Resp: 1292351
 Ion Ratio Lower Upper
 92 100
 91 172.0 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 159.100 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

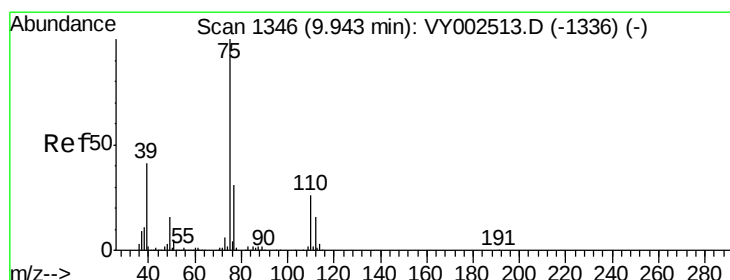
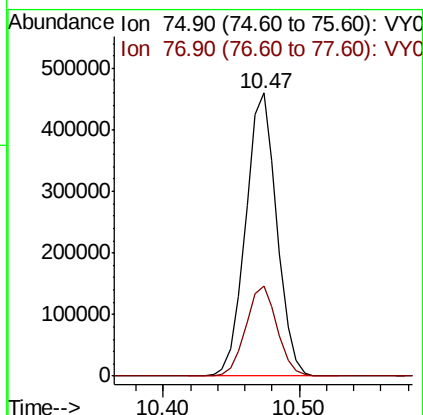
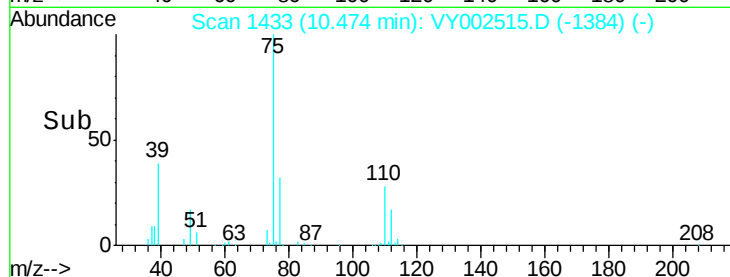
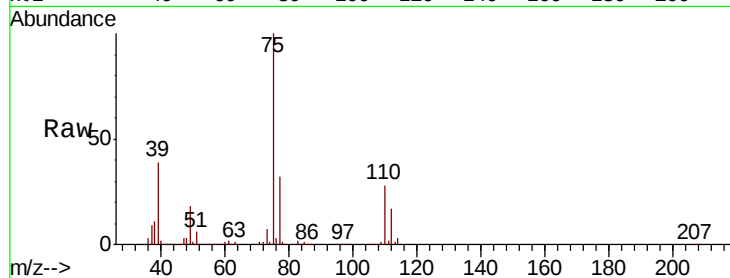
ClientSampled :

Tot Ion: 75 Resp: 736562

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 155.518 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

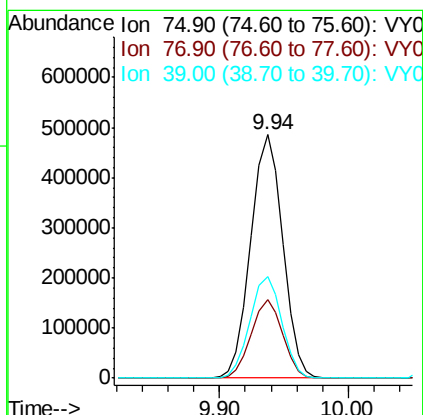
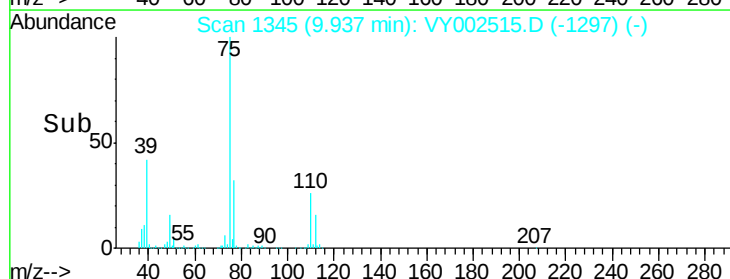
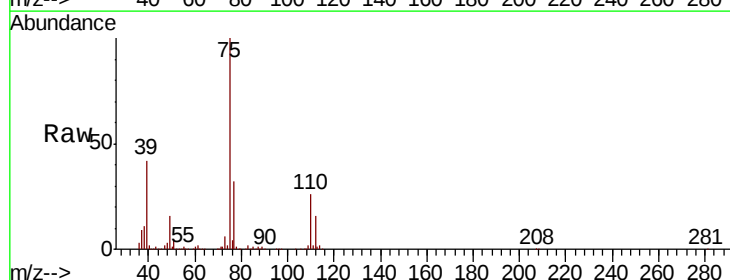
Tgt Ion: 75 Resp: 832329

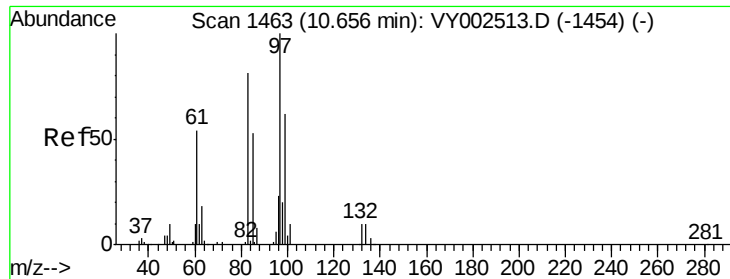
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 41.5 32.7 49.1





#55

1,1,2-Trichloroethane

Concen: 152.495 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 404107

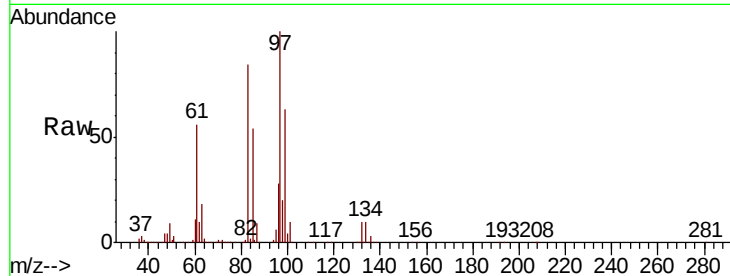
Ion Ratio Lower Upper

97 100

83 84.1 65.1 97.7

85 53.9 42.7 64.1

99 63.4 50.0 75.0

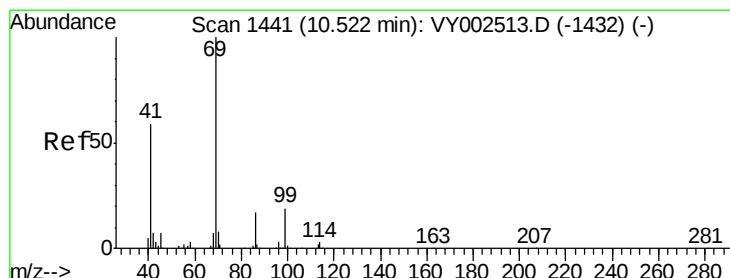
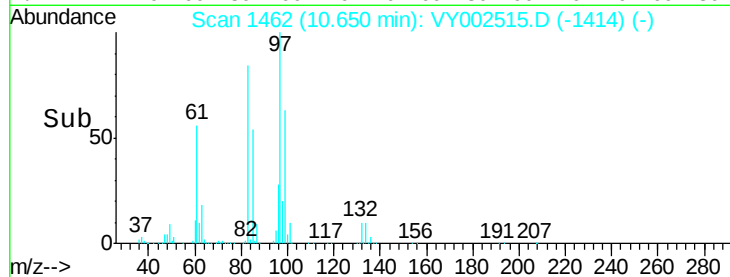
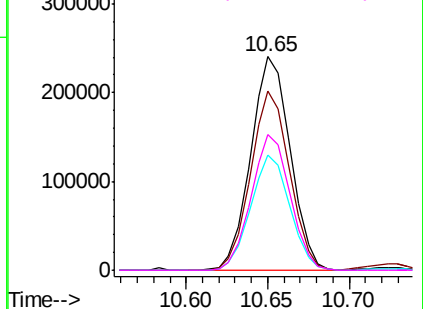


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 160.359 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

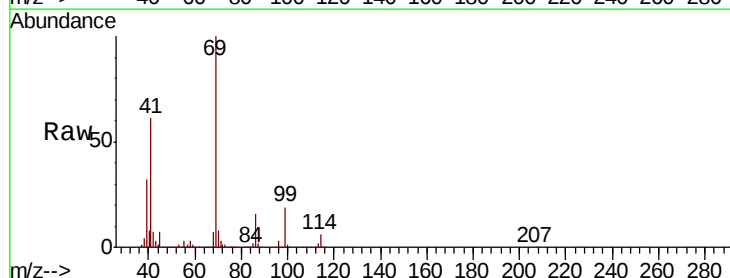
Tgt Ion: 69 Resp: 565309

Ion Ratio Lower Upper

69 100

41 61.0 48.6 73.0

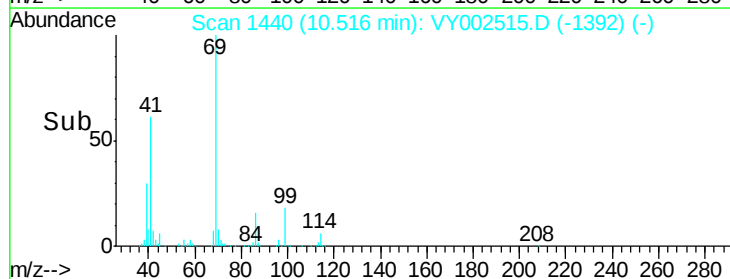
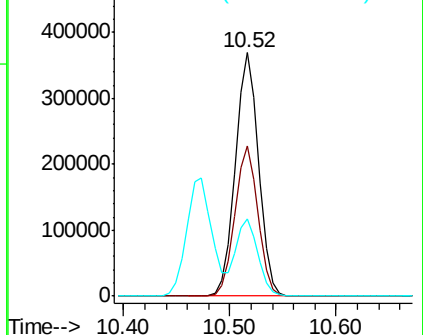
39 31.7 25.0 37.4

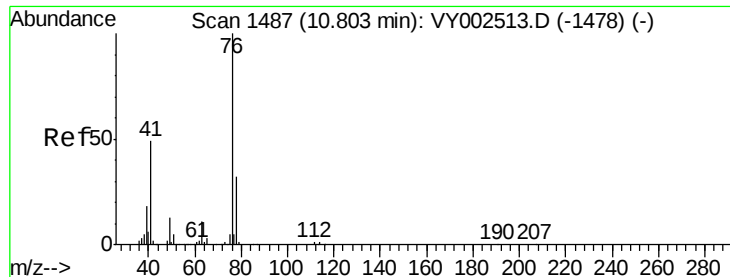


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 152.699 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

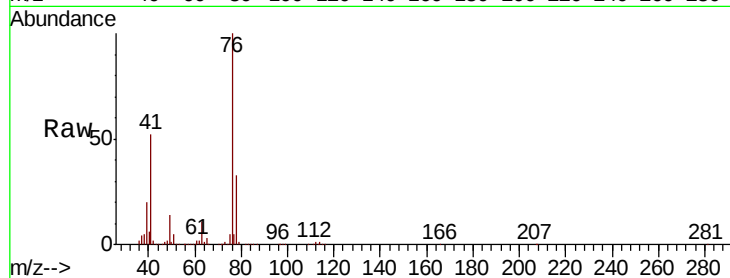
ClientSampleId :

Tot Ion: 76 Resp: 686218

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

400000

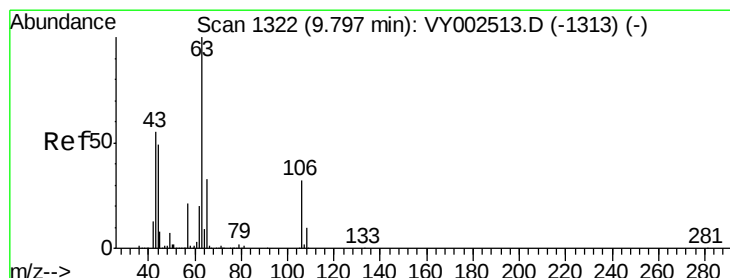
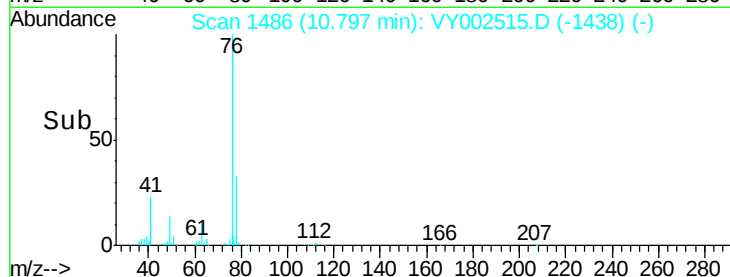
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 760.876 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002515.D

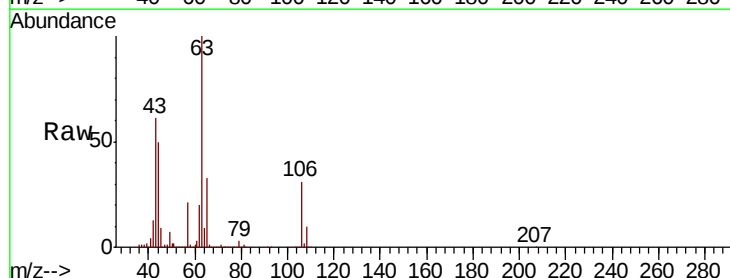
Acq: 30 Apr 2020 16:05

Tgt Ion: 63 Resp: 1414519

Ion Ratio Lower Upper

63 100

106 31.4 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

1000000

800000

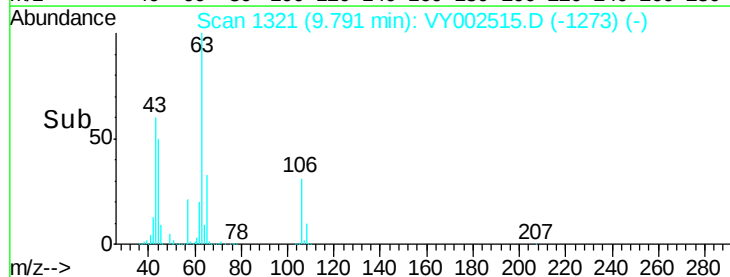
600000

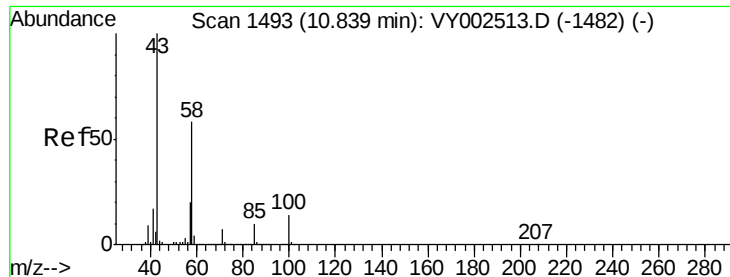
400000

200000

0

Time-->

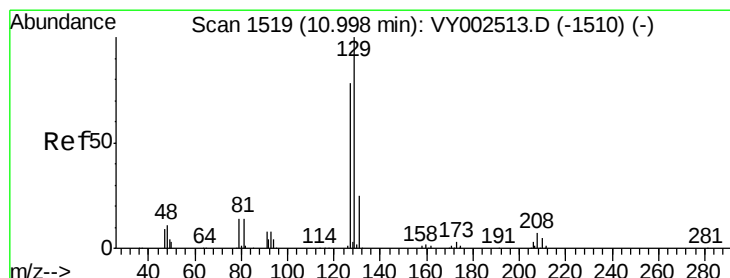
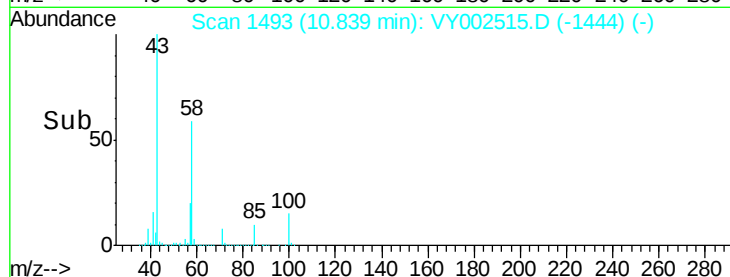
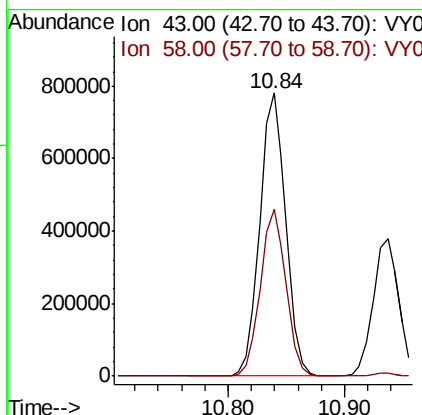
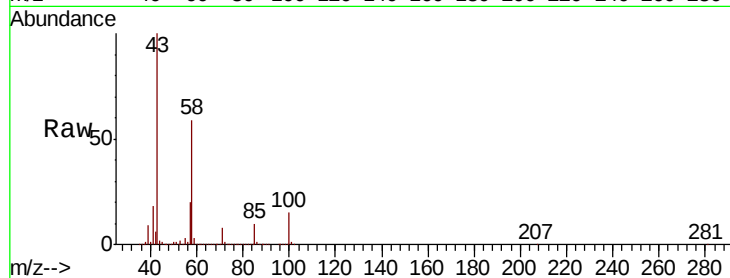




#59
2-Hexanone
Concen: 780.638 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

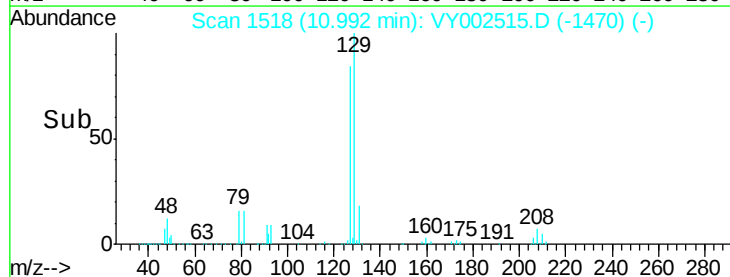
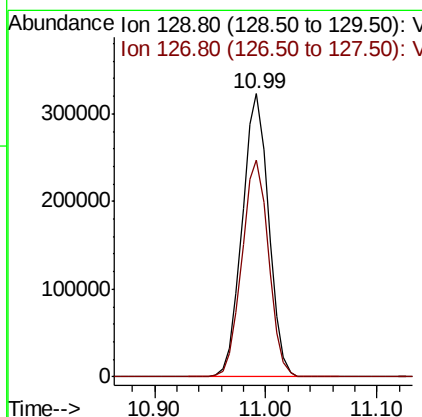
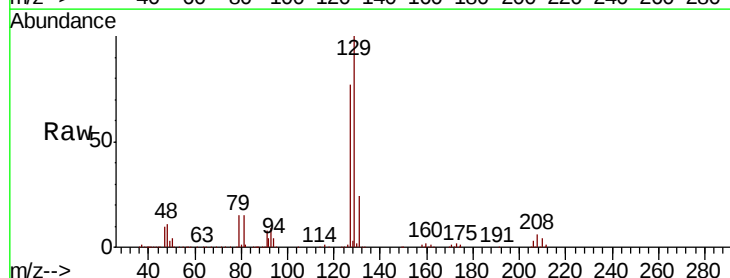
Instrument :
MSVOA_Y
ClientSampled :

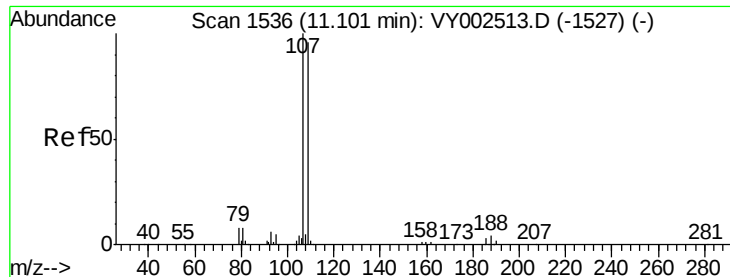
Tot Ion: 43 Resp: 1208844
Ion Ratio Lower Upper
43 100
58 58.2 29.1 87.3



#60
Dibromochloromethane
Concen: 157.774 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion: 129 Resp: 531764
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

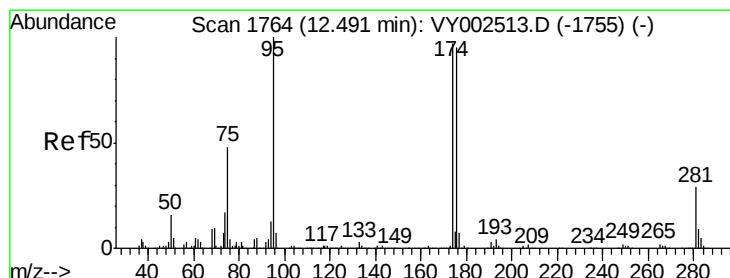
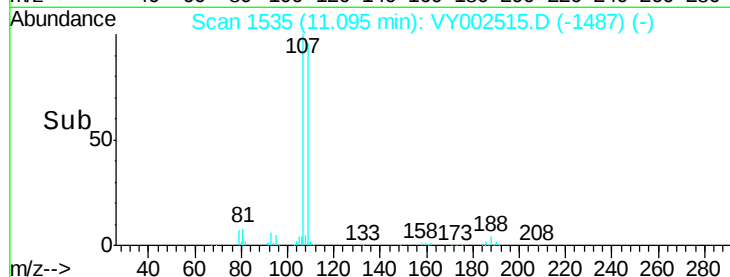
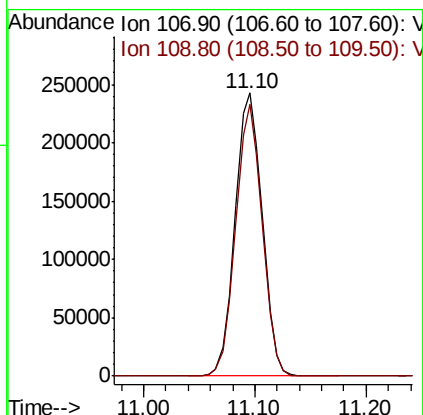
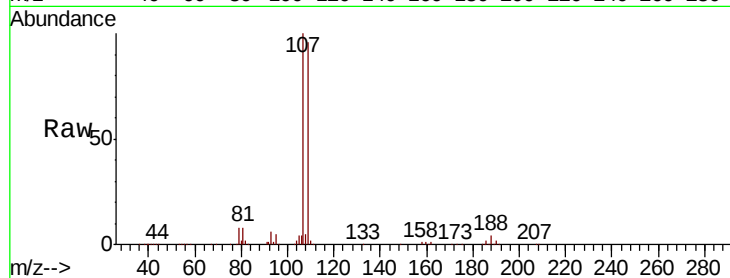




#61
 1,2-Dibromoethane
 Concen: 155.193 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

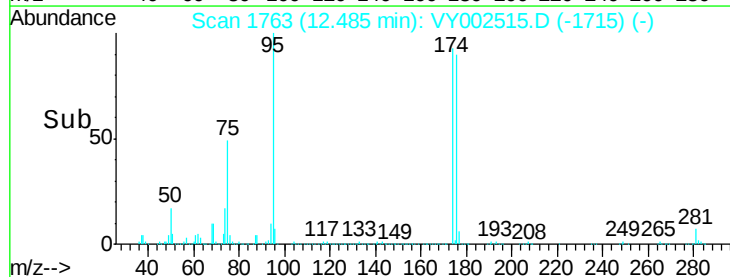
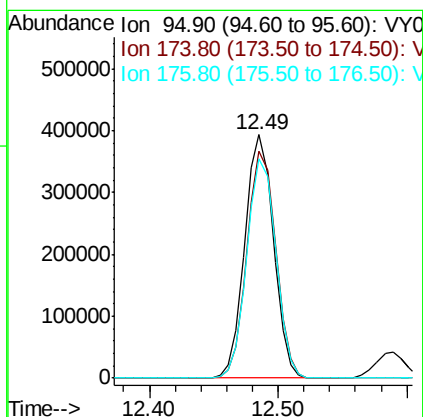
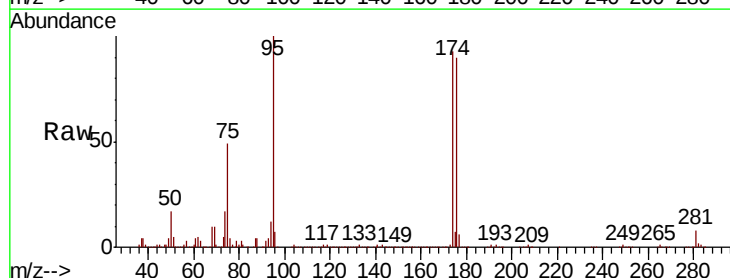
Instrument :
 MSVOA_Y
 ClientSampleId :

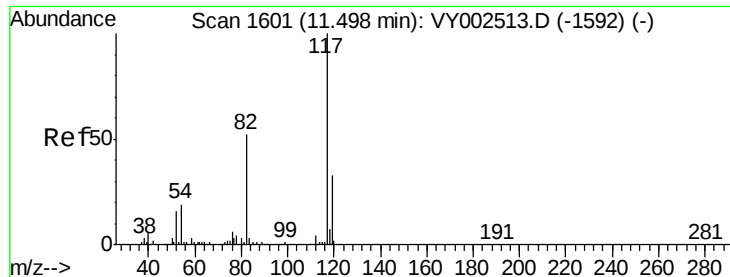
Tot Ion:107 Resp: 407214
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 148.274 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Tgt Ion: 95 Resp: 607333
 Ion Ratio Lower Upper
 95 100
 174 93.4 0.0 188.8
 176 90.8 0.0 183.2

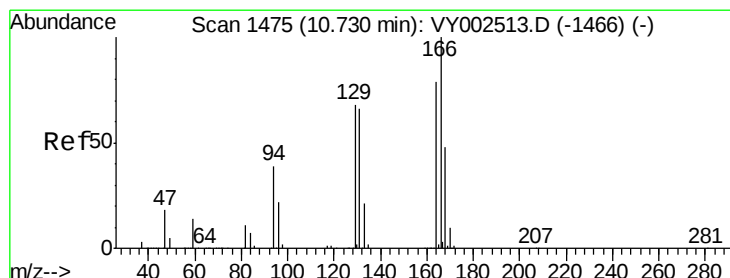
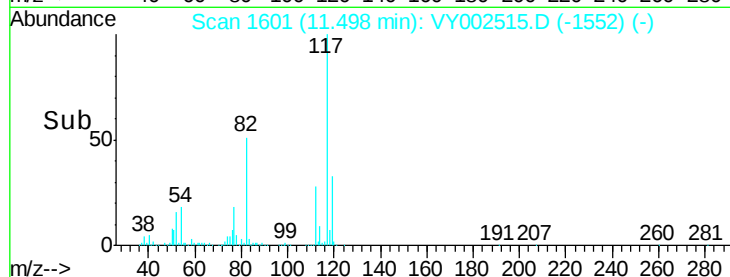
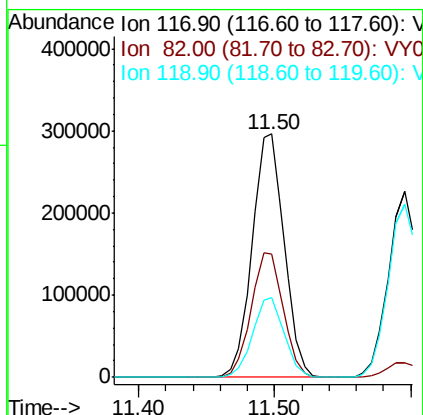
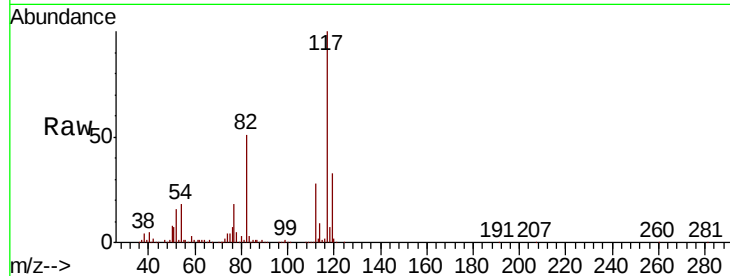




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

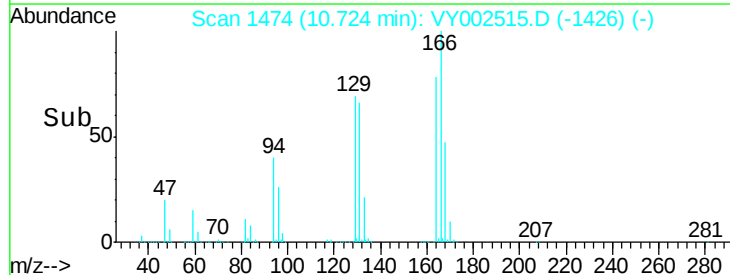
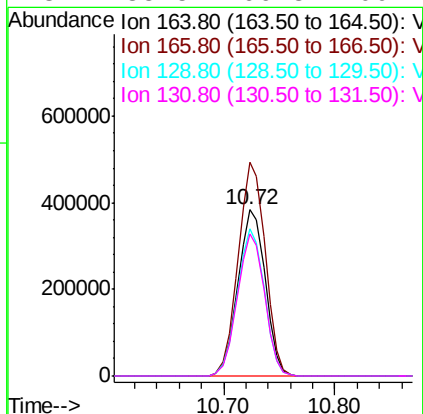
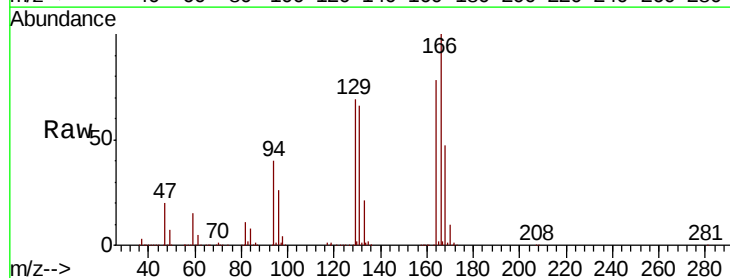
Instrument :
MSVOA_Y
ClientSampleId :

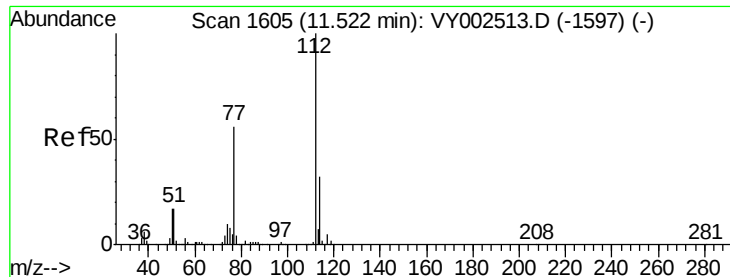
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.3	61.9
119	33.0	26.0	39.0



#64
Tetrachloroethene
Concen: 149.777 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	100.7	151.1
129	88.5	68.3	102.5
131	85.5	66.8	100.2

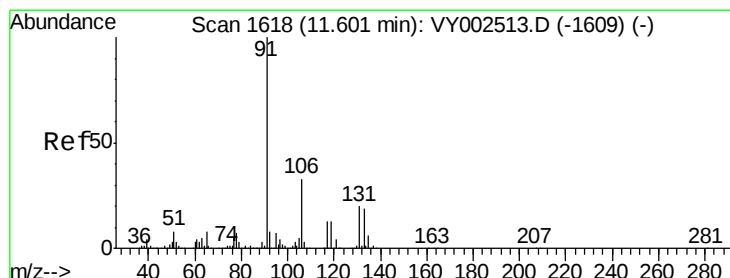
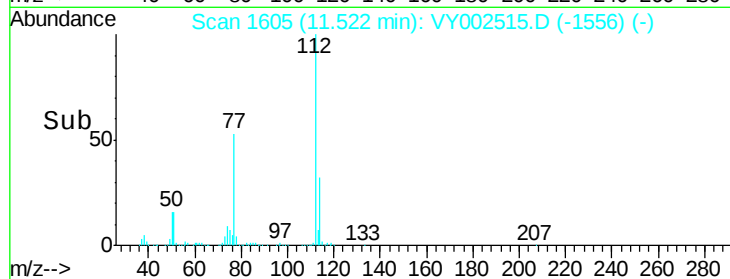
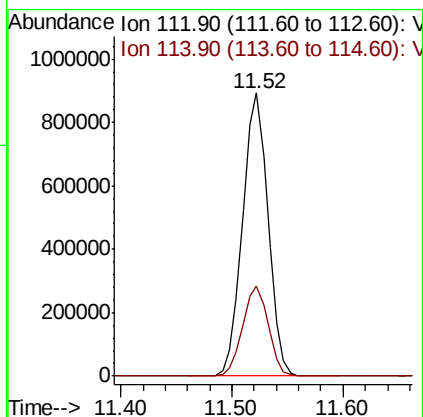
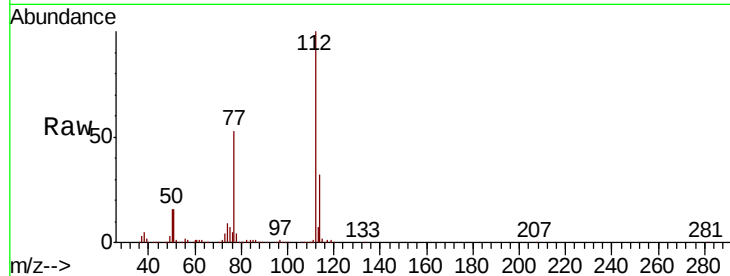




#65
Chlorobenzene
Concen: 152.308 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

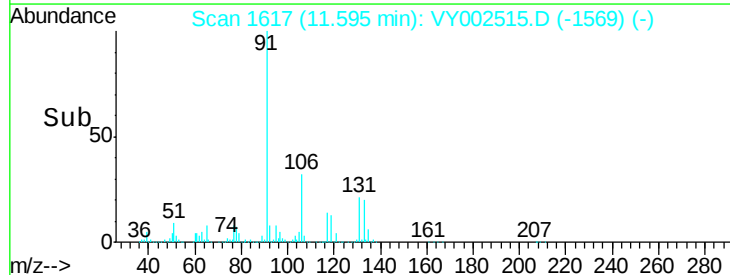
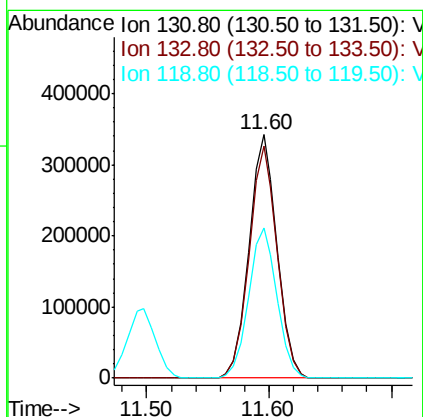
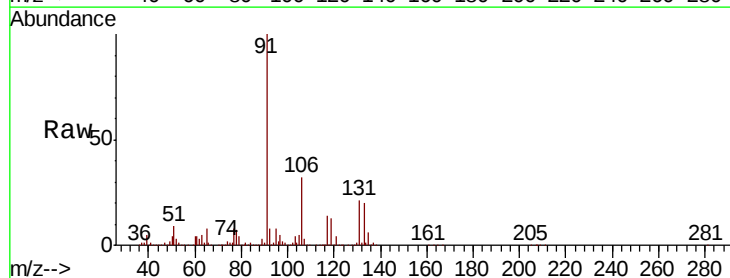
Instrument :
MSVOA_Y
ClientSampleId :

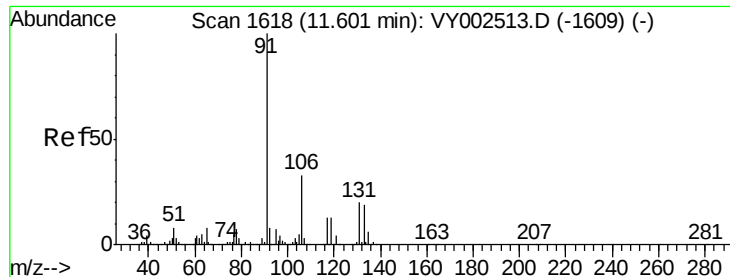
Tot Ion:112 Resp: 1419470
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 156.747 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion:131 Resp: 542270
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.4
119 62.7 31.6 95.0





#67

Ethyl Benzene

Concen: 153.821 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

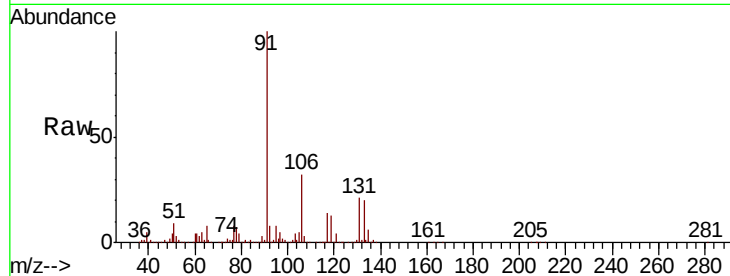
ClientSampled :

Tot Ion: 91 Resp: 2518168

Ion Ratio Lower Upper

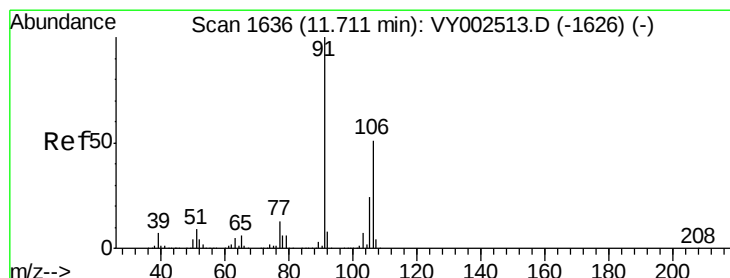
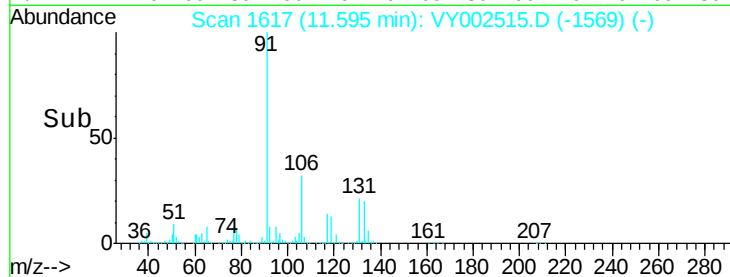
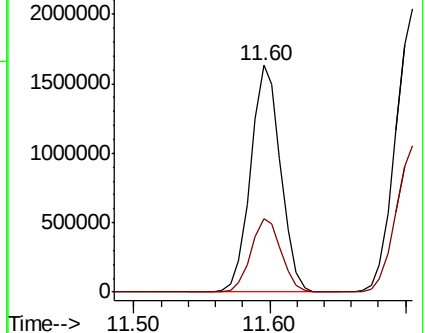
91 100

106 32.2 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1609) (-)

Ion 106.00 (105.70 to 106.70): VY002513.D (-1609) (-)



#68

m/p-Xylenes

Concen: 307.991 ug/l

RT: 11.71 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002515.D

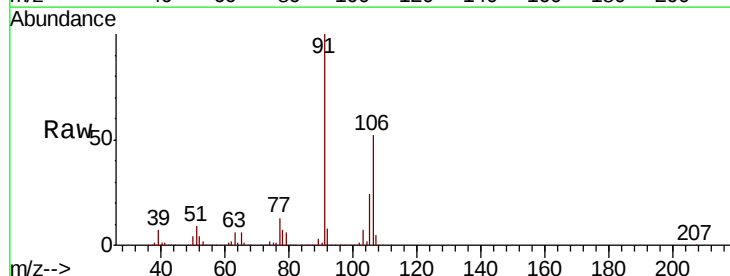
Acq: 30 Apr 2020 16:05

Tgt Ion:106 Resp: 1950883

Ion Ratio Lower Upper

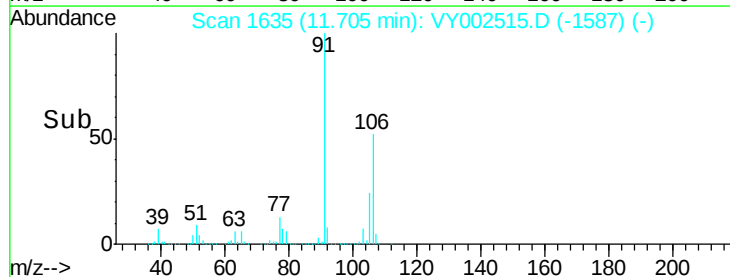
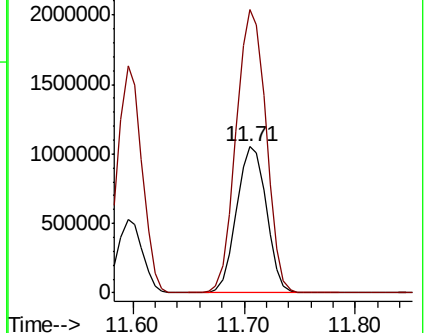
106 100

91 194.3 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VY002513.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY002513.D (-1626) (-)

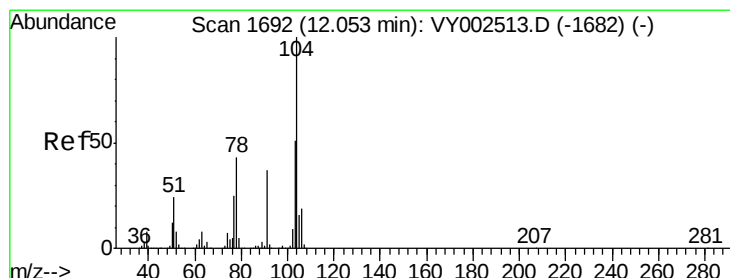
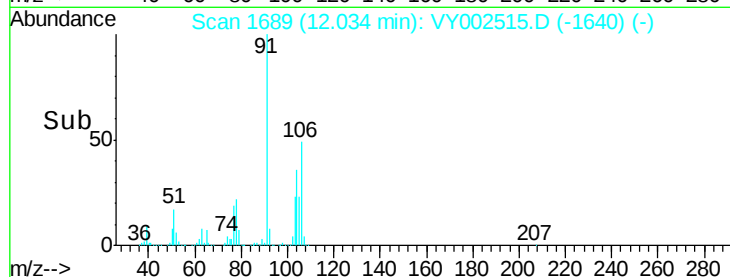
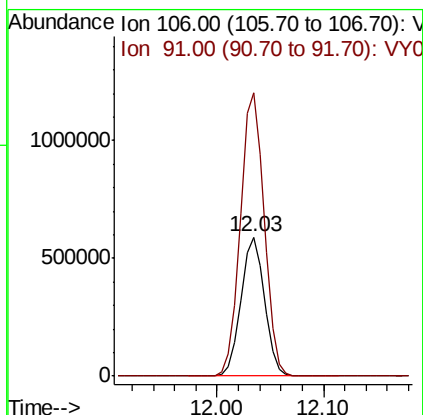
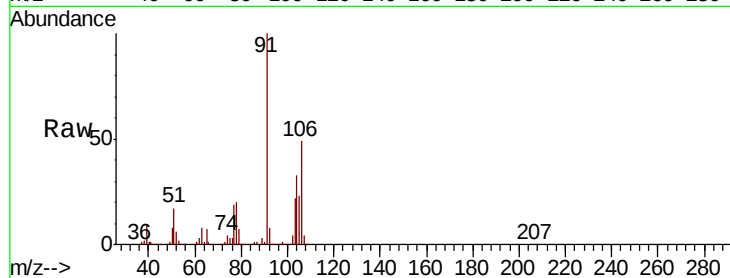




#69
o-Xylene
Concen: 154.744 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

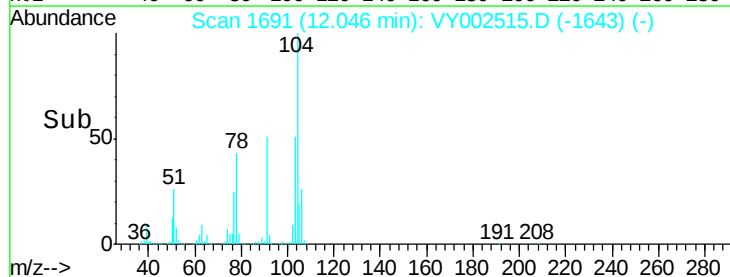
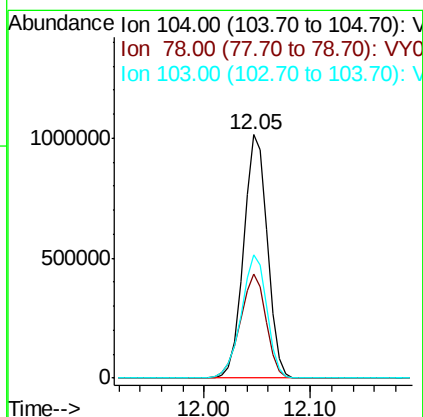
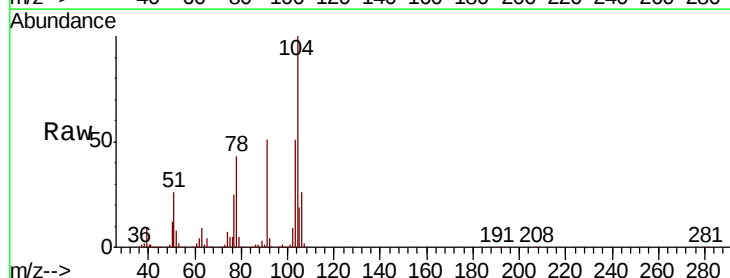
Instrument :
MSVOA_Y
ClientSampled :

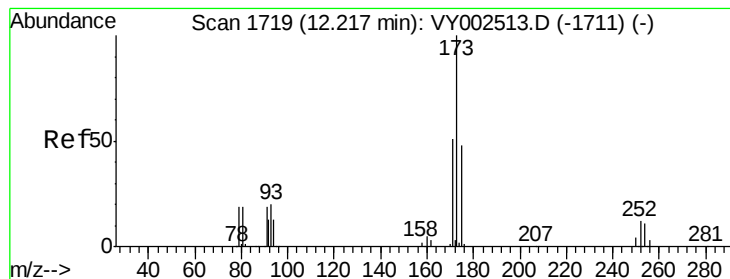
Tot Ion:106 Resp: 917766
Ion Ratio Lower Upper
106 100
91 205.8 103.8 311.3



#70
Styrene
Concen: 156.468 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion:104 Resp: 1586421
Ion Ratio Lower Upper
104 100
78 46.6 37.4 56.0
103 54.4 43.9 65.9





#71

Bromoform

Concen: 159.707 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

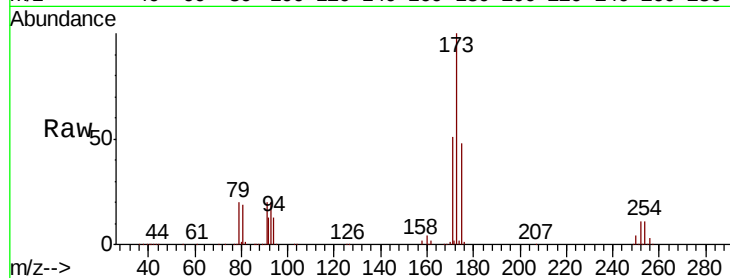
Tot Ion:173 Resp: 342926

Ion Ratio Lower Upper

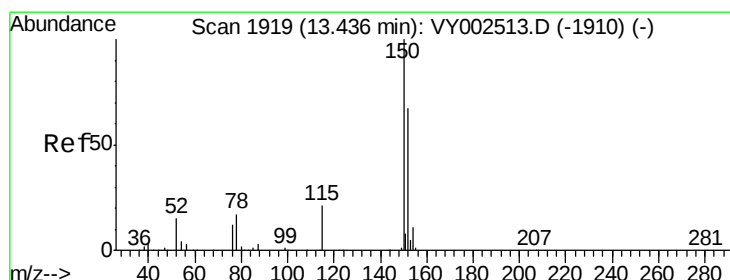
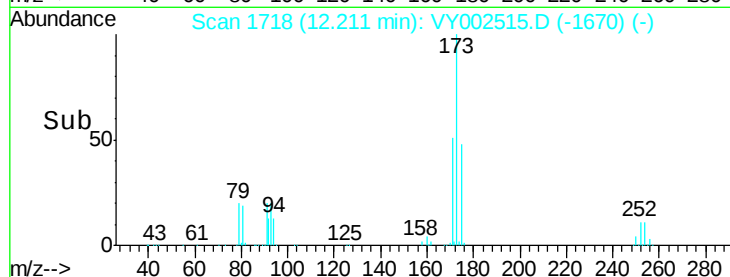
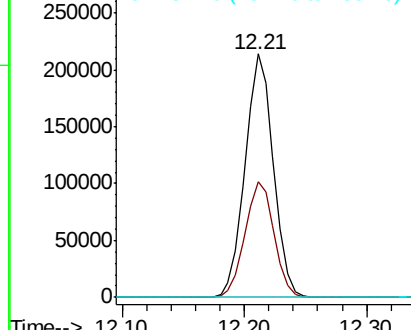
173 100

175 48.7 24.3 72.8

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

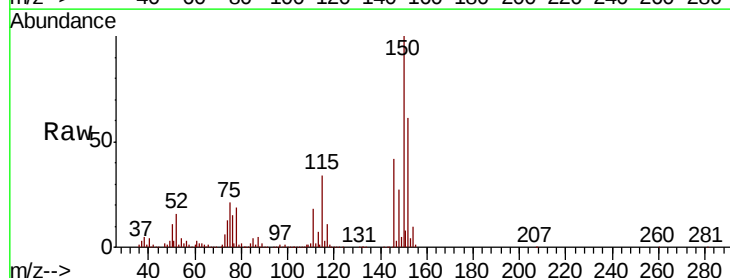
Tgt Ion:152 Resp: 241492

Ion Ratio Lower Upper

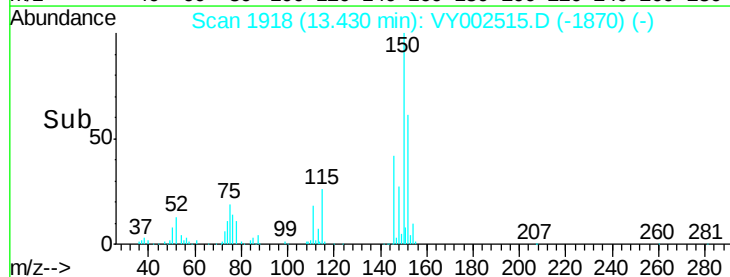
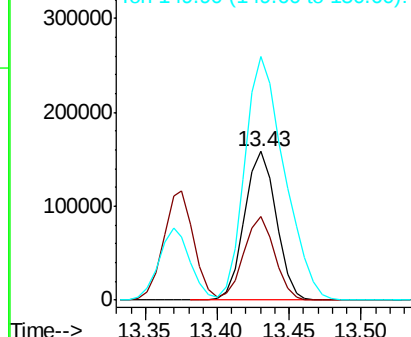
152 100

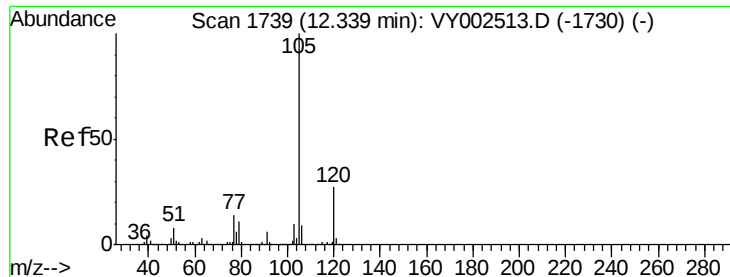
115 54.7 27.5 82.4

150 204.0 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 156.992 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

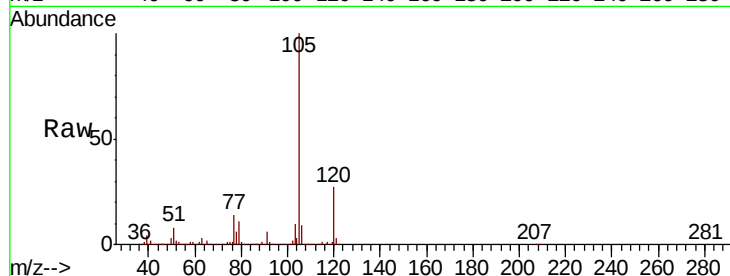
ClientSampleId :

Tot Ion:105 Resp: 2457082

Ion Ratio Lower Upper

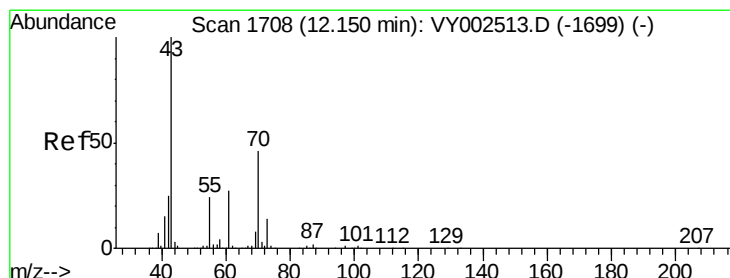
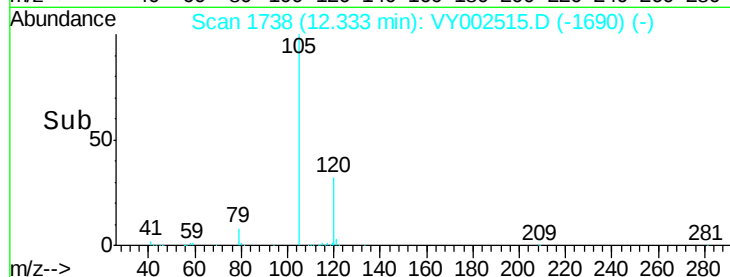
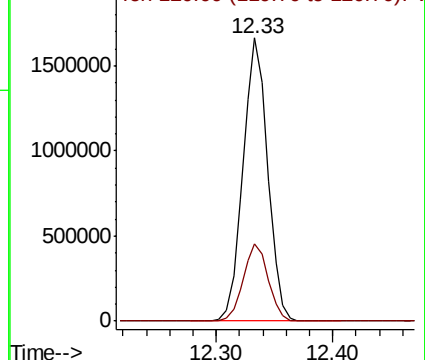
105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 162.601 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Tgt Ion: 43 Resp: 612180

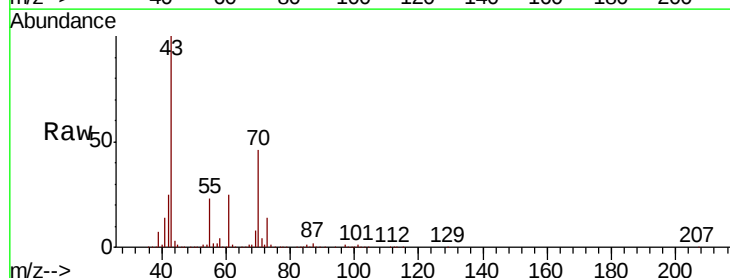
Ion Ratio Lower Upper

43 100

70 46.4 36.7 55.1

55 23.6 19.2 28.8

61 25.9 21.1 31.7

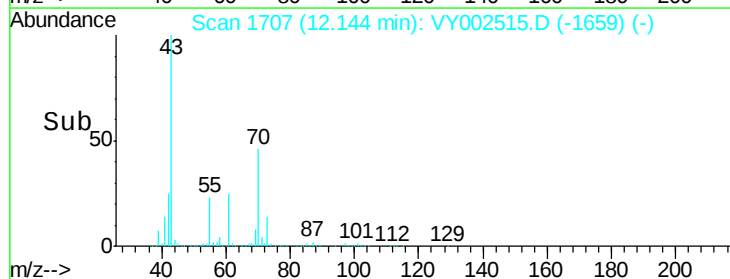
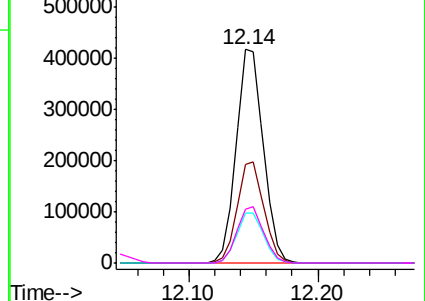


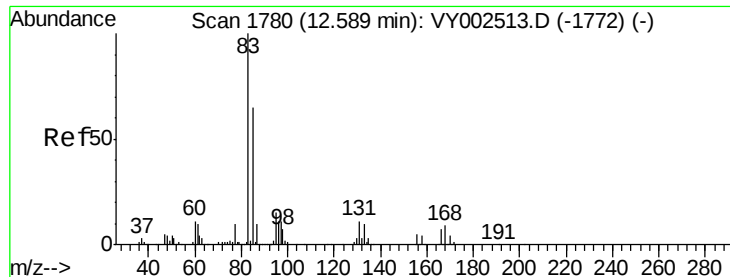
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 160.384 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

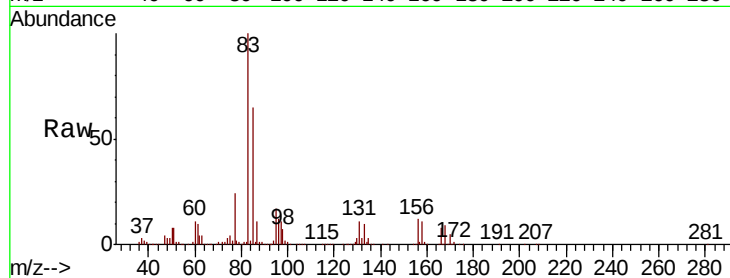
Tot Ion: 83 Resp: 399207

Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.9	17.8
85	64.6	31.9	95.9

83 100

131 11.6 5.9 17.8

85 64.6 31.9 95.9



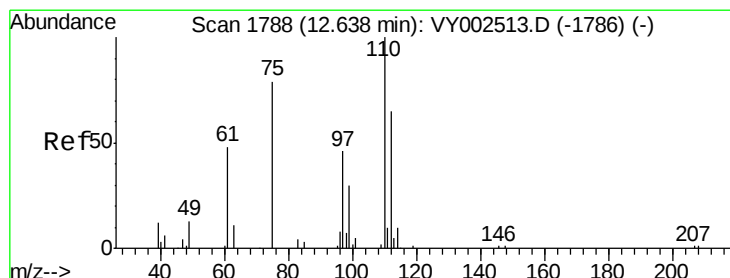
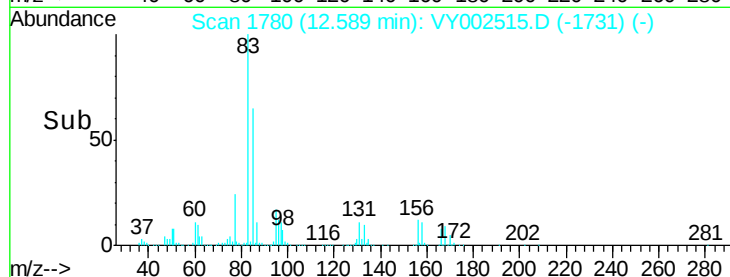
Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

12.59

Time-->



#76

1,2,3-Trichloropropane

Concen: 281.764 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002515.D

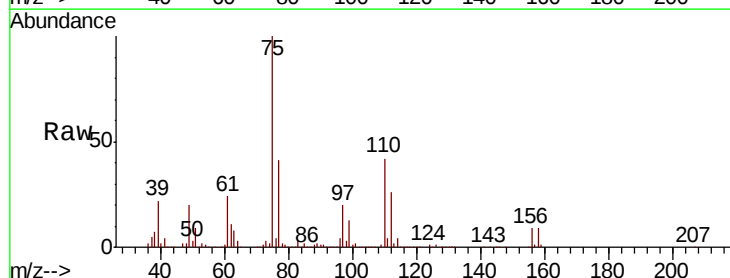
Acq: 30 Apr 2020 16:05

Tgt Ion: 75 Resp: 607366

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0

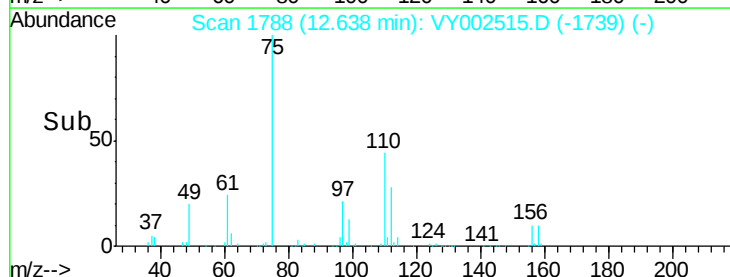


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.64

Time-->





#77

Bromobenzene

Concen: 156.993 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

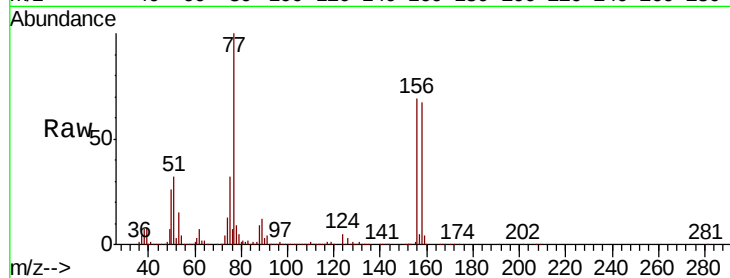
Tot Ion:156 Resp: 613882

Ion Ratio Lower Upper

156 100

77 163.7 82.0 245.8

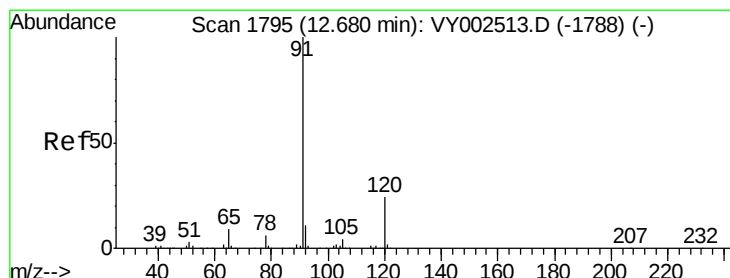
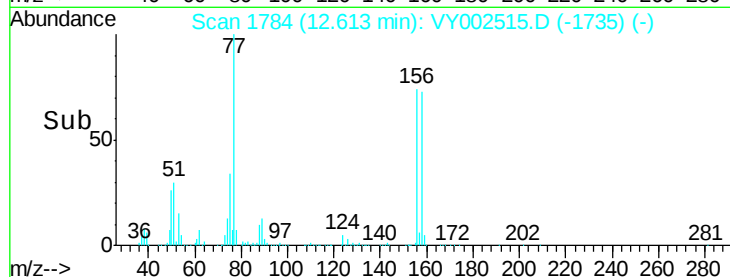
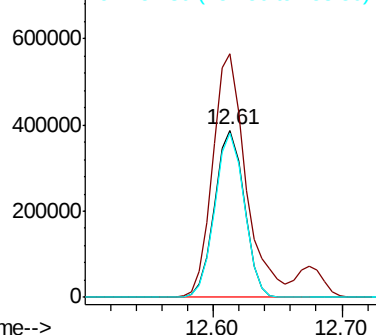
158 97.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 155.080 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002515.D

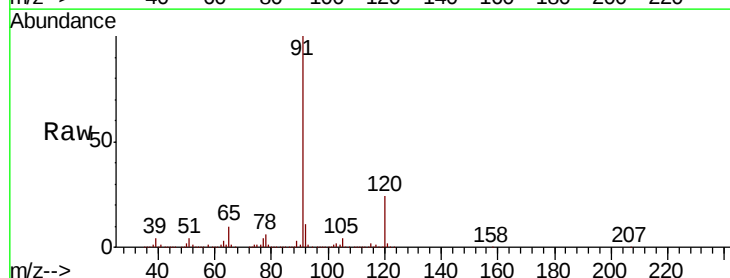
Acq: 30 Apr 2020 16:05

Tgt Ion: 91 Resp: 2816660

Ion Ratio Lower Upper

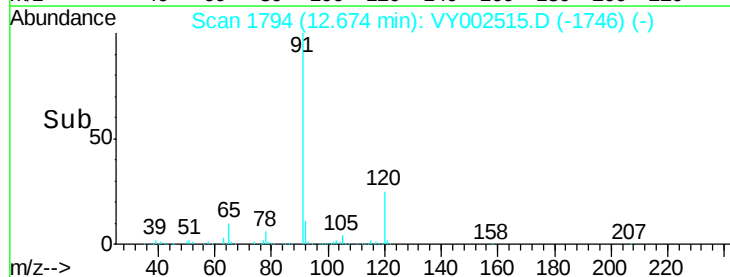
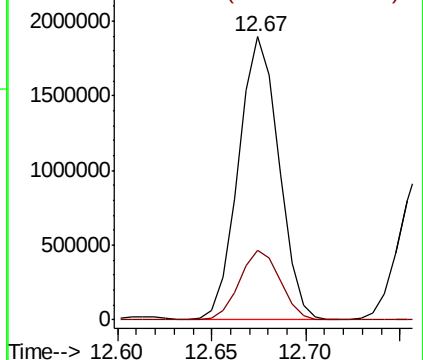
91 100

120 24.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 155.739 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

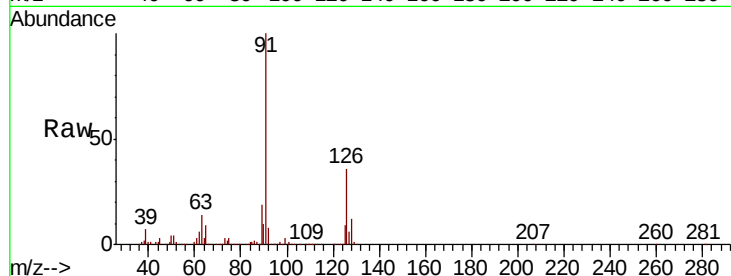
ClientSampled :

Tot Ion: 91 Resp: 1566865

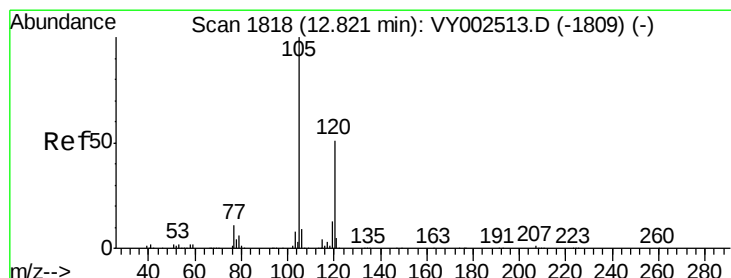
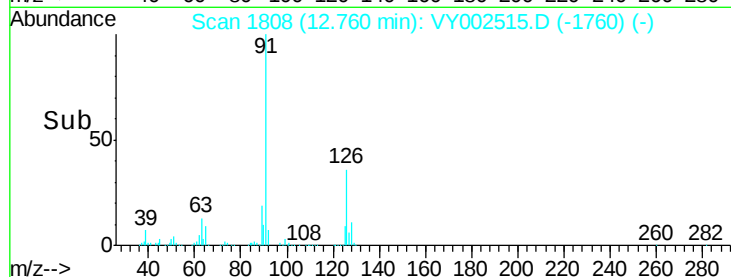
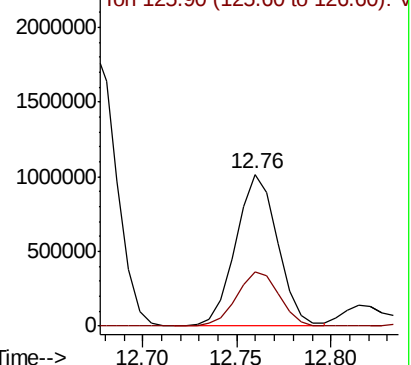
Ion Ratio Lower Upper

91 100

126 36.6 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 156.015 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002515.D

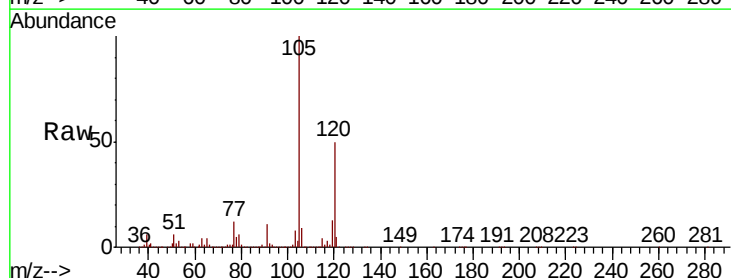
Acq: 30 Apr 2020 16:05

Tgt Ion:105 Resp: 2024059

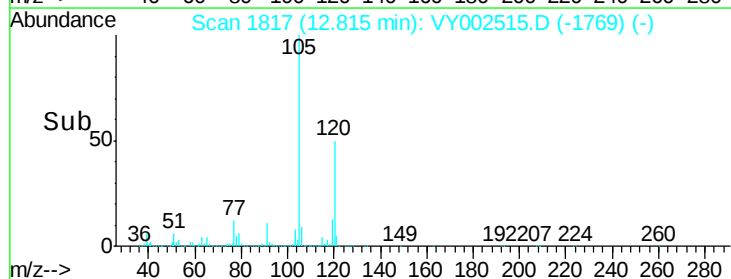
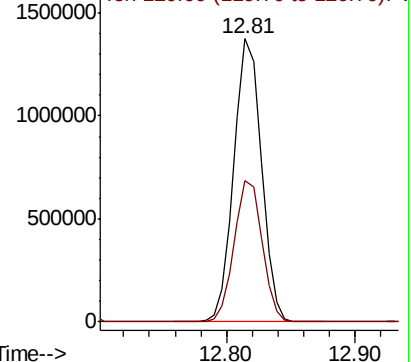
Ion Ratio Lower Upper

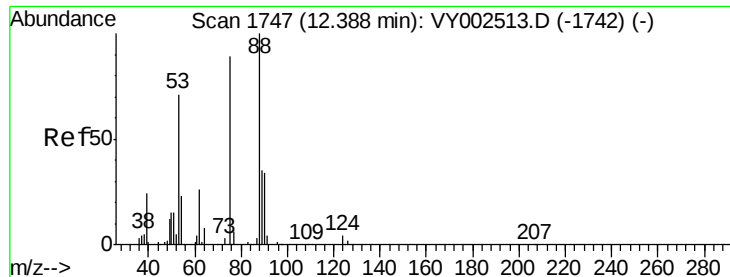
105 100

120 50.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 162.003 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

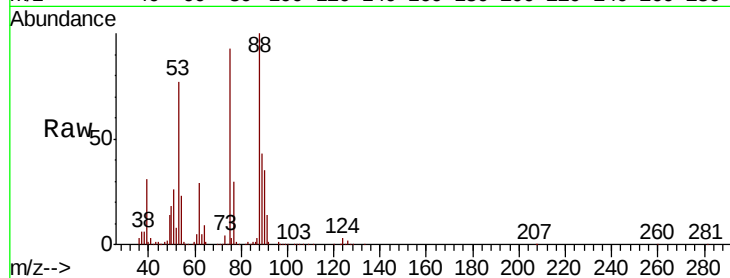
Tot Ion: 75 Resp: 173384

Ion Ratio Lower Upper

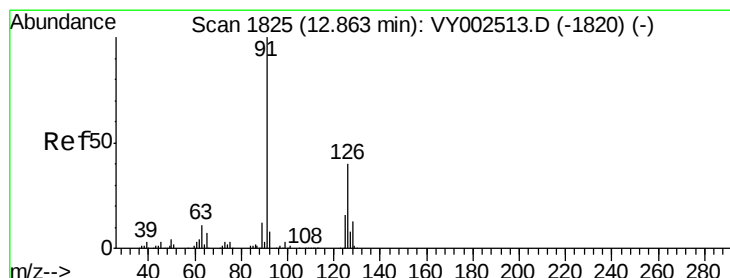
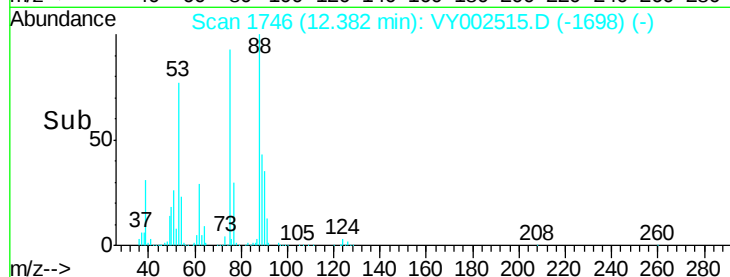
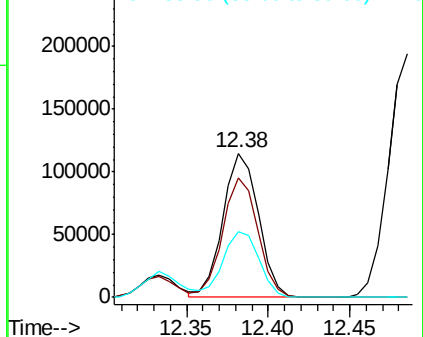
75 100

53 82.9 67.4 101.0

89 47.1 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 153.957 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002515.D

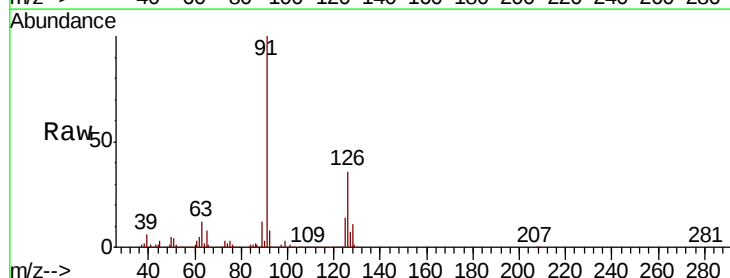
Acq: 30 Apr 2020 16:05

Tgt Ion: 91 Resp: 1627037

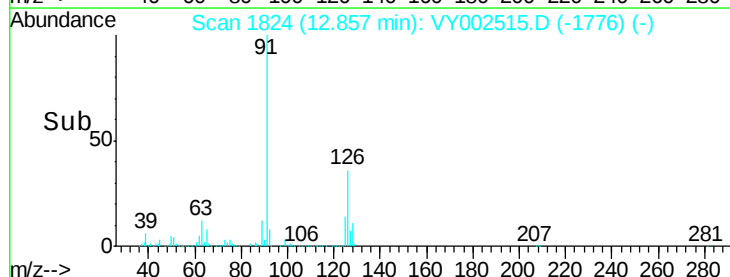
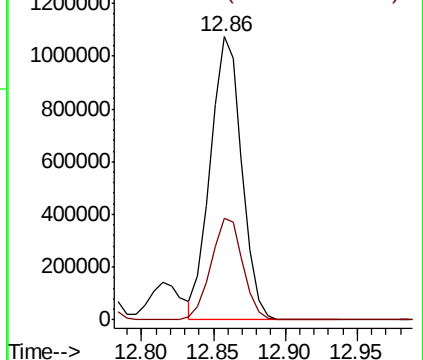
Ion Ratio Lower Upper

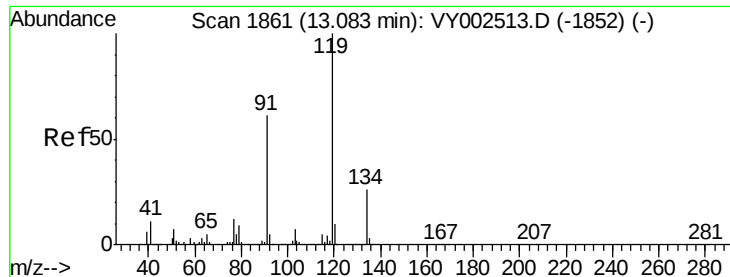
91 100

126 36.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 158.116 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampled :

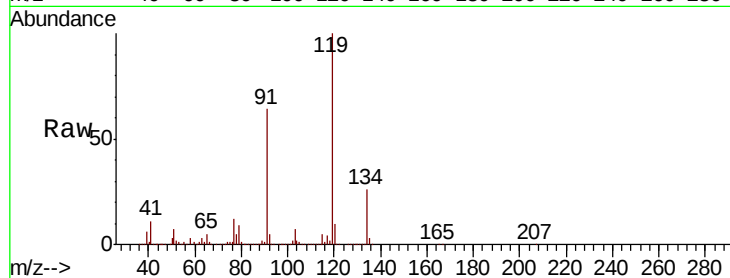
Tot Ion:119 Resp: 1798639

Ion Ratio Lower Upper

119 100

91 61.0 30.6 91.6

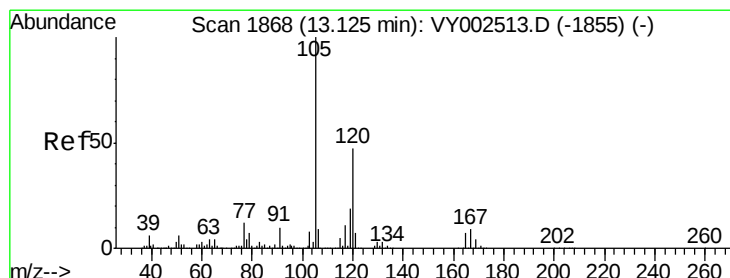
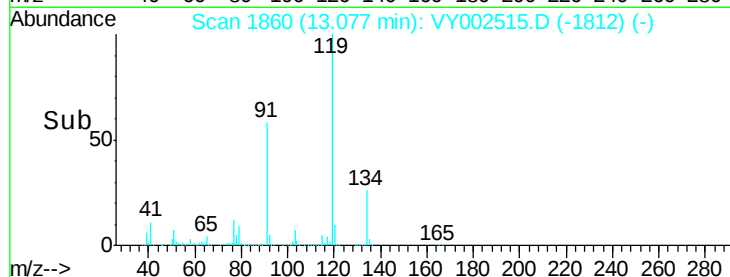
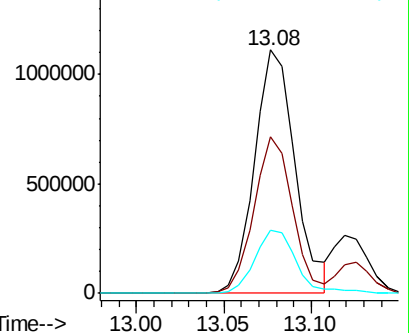
134 26.6 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 155.491 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VY002515.D

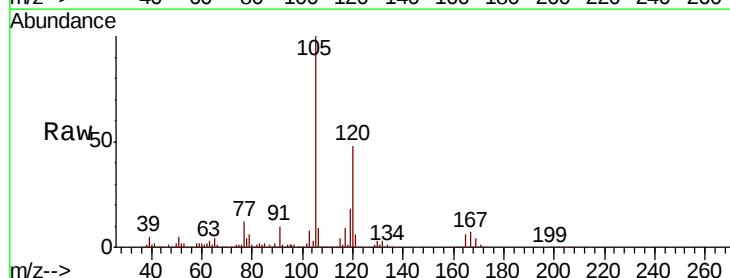
Acq: 30 Apr 2020 16:05

Tgt Ion:105 Resp: 2010424

Ion Ratio Lower Upper

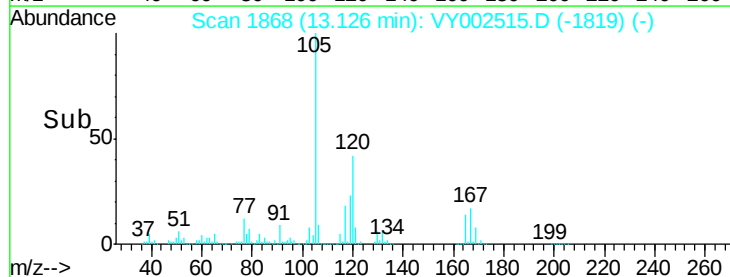
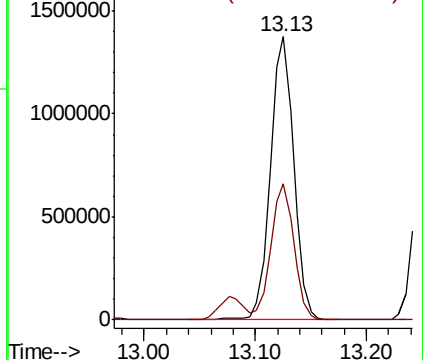
105 100

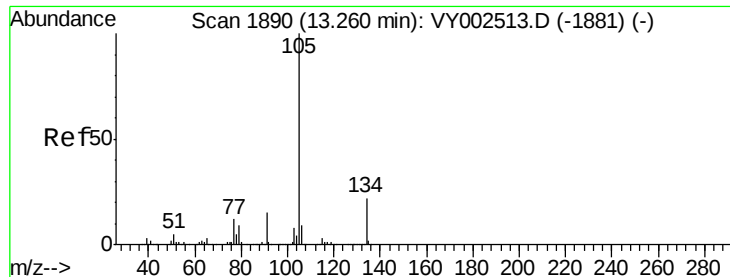
120 47.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 152.459 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

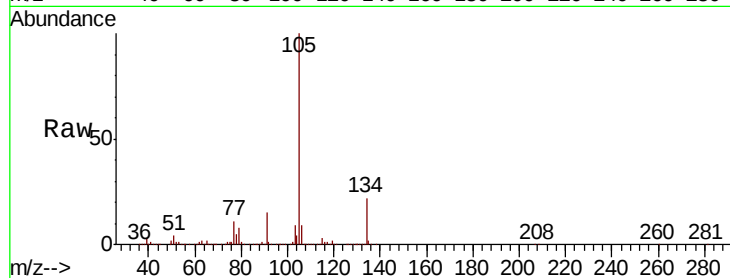
ClientSampleId :

Tot Ion:105 Resp: 2406544

Ion Ratio Lower Upper

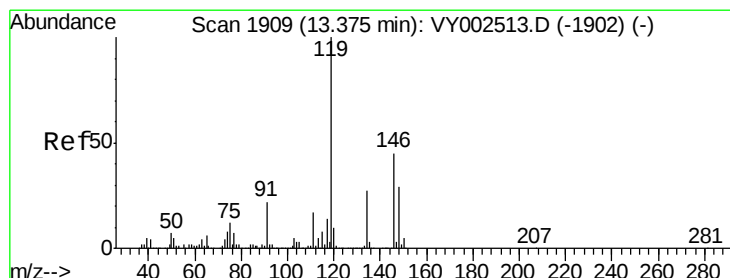
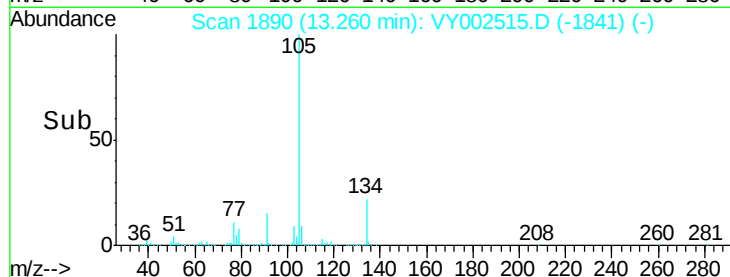
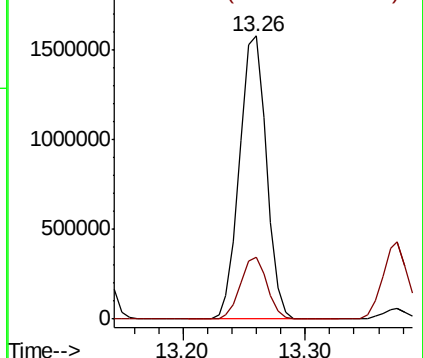
105 100

134 21.7 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 153.329 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

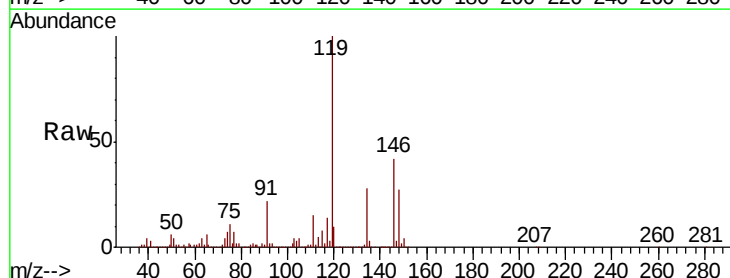
Tgt Ion:119 Resp: 2267775

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

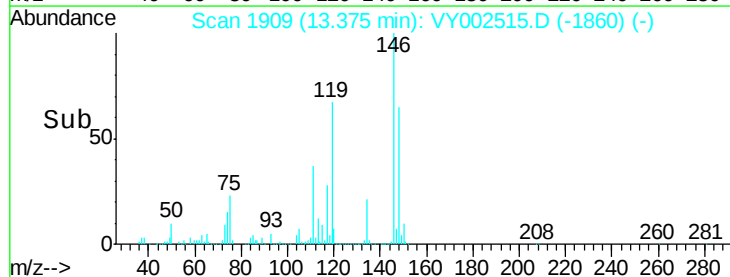
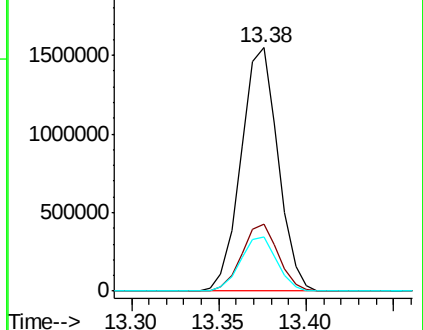
91 22.1 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

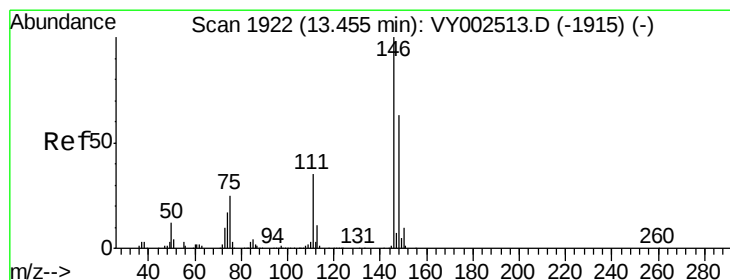
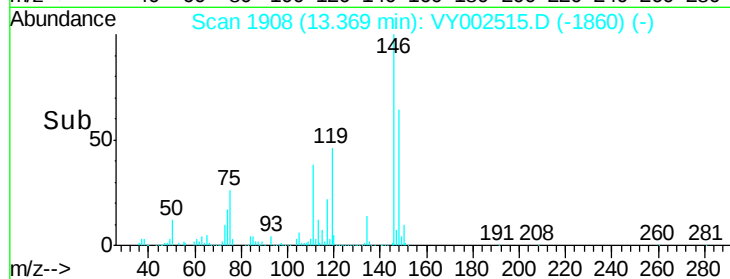
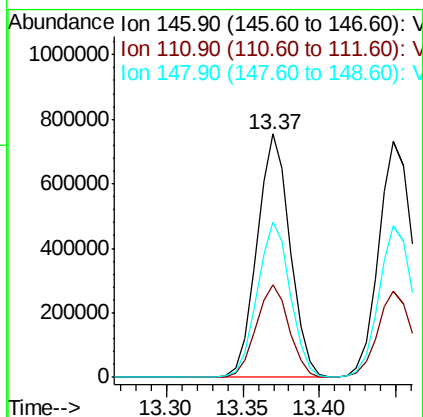
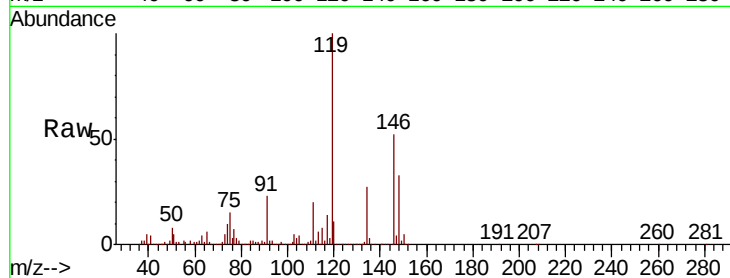




#87
 1,3-Dichlorobenzene
 Concen: 153.533 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

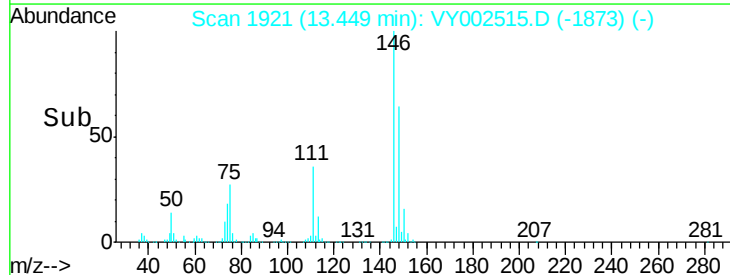
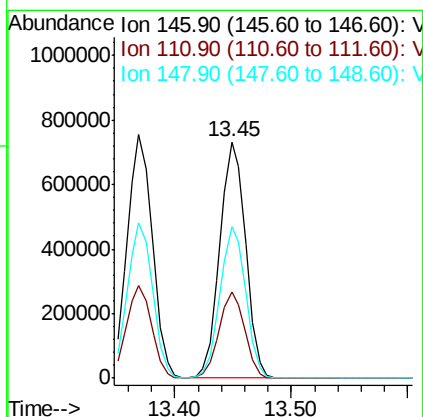
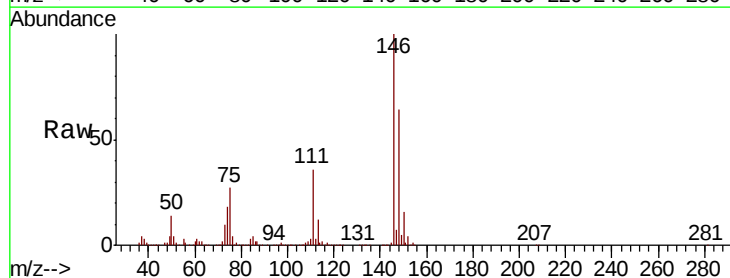
Instrument :
 MSVOA_Y
 ClientSampled :

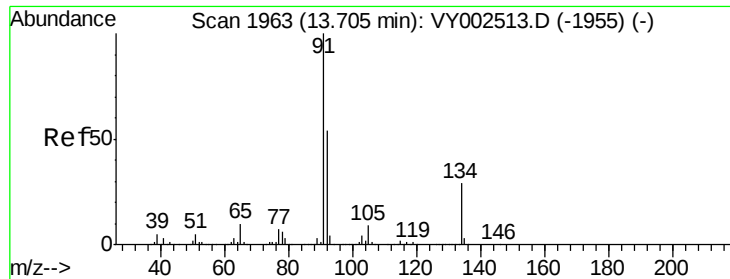
Tot Ion:146 Resp: 1136266
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.3
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 152.843 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Tgt Ion:146 Resp: 1120070
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.1
 148 63.8 31.9 95.5

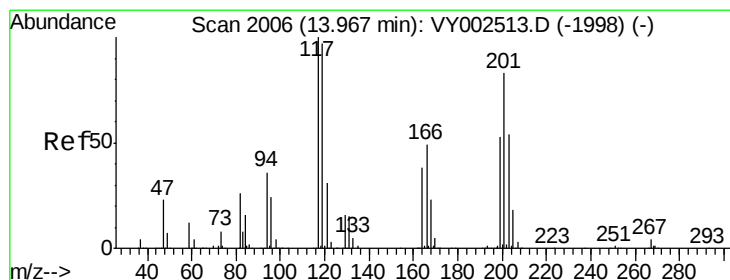
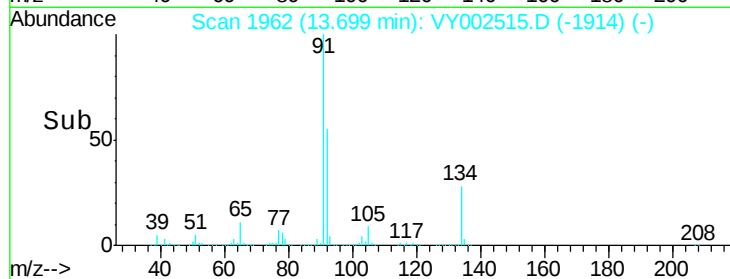
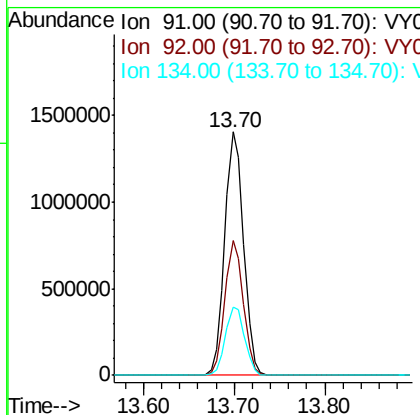
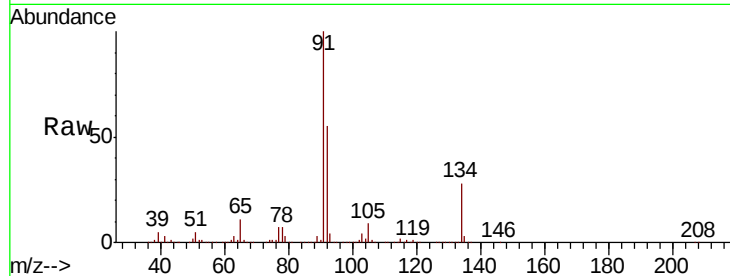




#89
n-Butylbenzene
Concen: 150.216 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

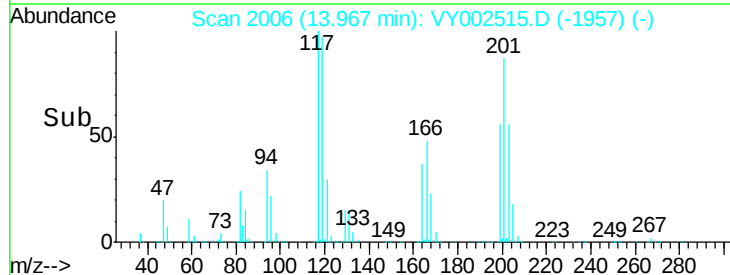
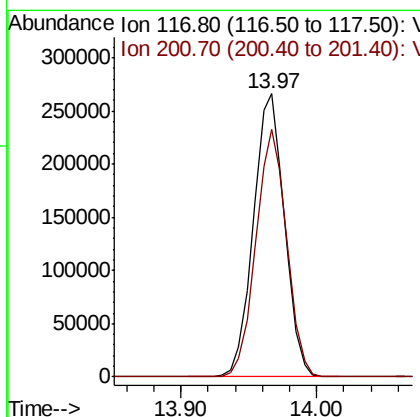
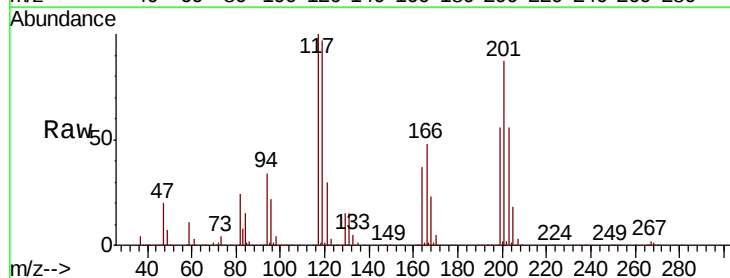
Instrument :
MSVOA_Y
ClientSampleId :

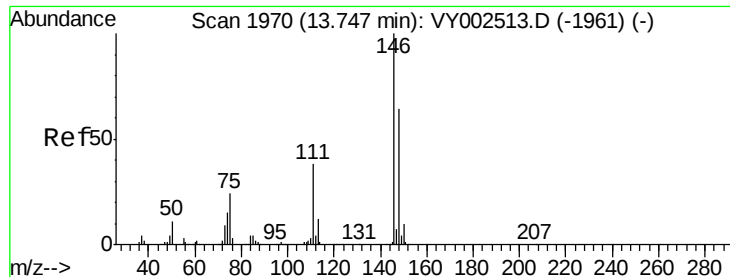
Tot Ion: 91 Resp: 2022553
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.3
134 28.9 14.4 43.0



#90
Hexachloroethane
Concen: 158.138 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002515.D
Acq: 30 Apr 2020 16:05

Tgt Ion: 117 Resp: 425939
Ion Ratio Lower Upper
117 100
201 86.5 44.4 133.2





#91

1,2-Dichlorobenzene

Concen: 153.296 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

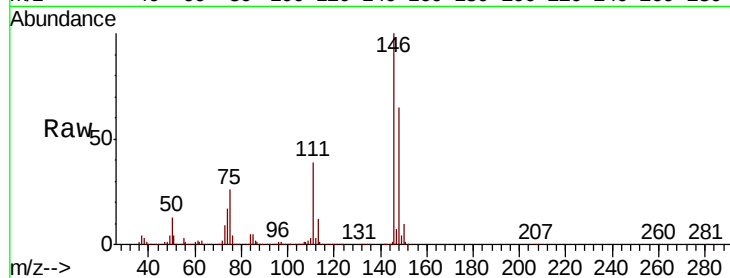
Tot Ion:146 Resp: 1012328

Ion Ratio Lower Upper

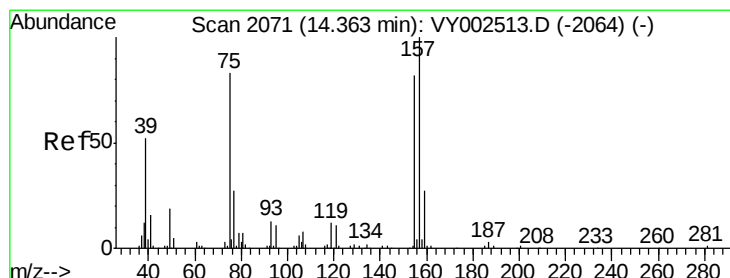
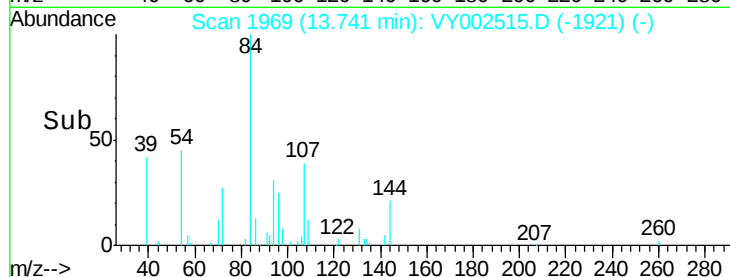
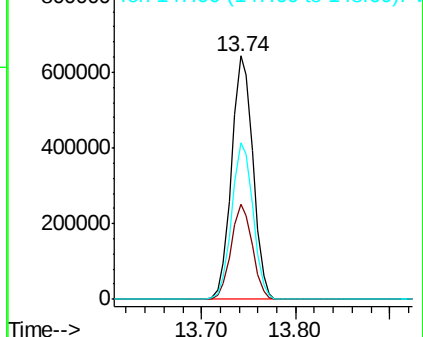
146 100

111 38.5 19.1 57.5

148 63.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 158.767 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

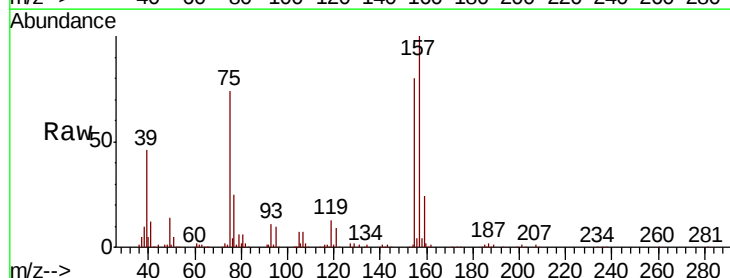
Tgt Ion: 75 Resp: 73665

Ion Ratio Lower Upper

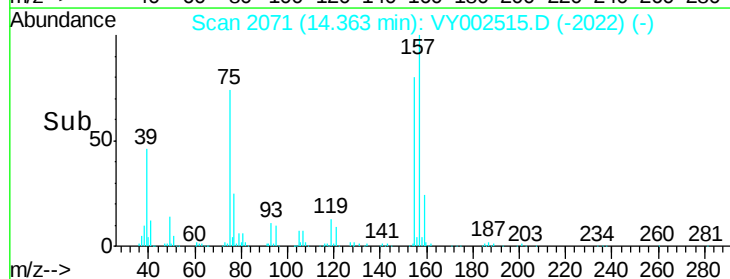
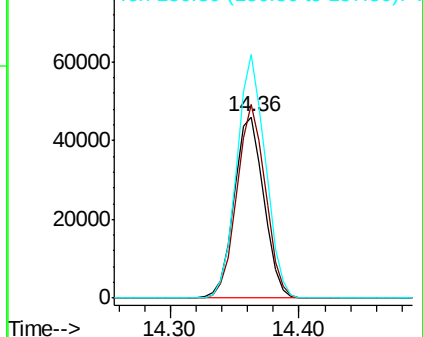
75 100

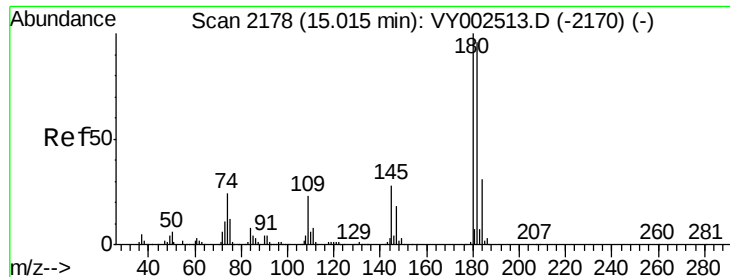
155 102.5 51.3 153.9

157 129.7 65.0 195.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

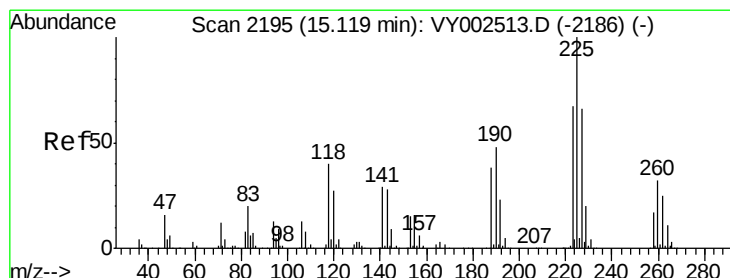
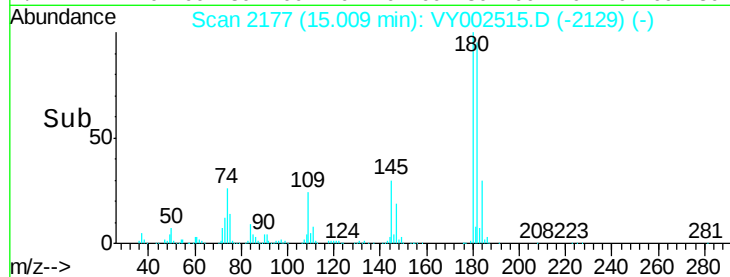
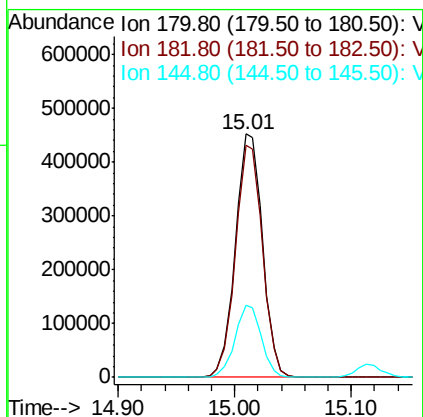
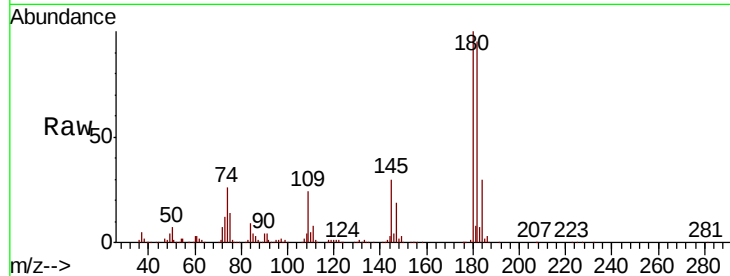




#93
 1,2,4-Trichlorobenzene
 Concen: 152.645 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

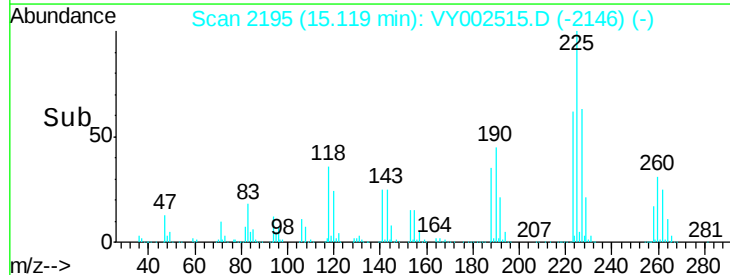
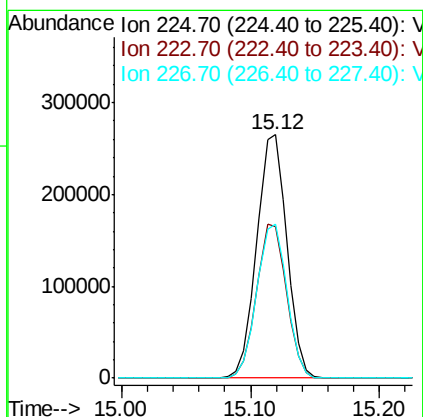
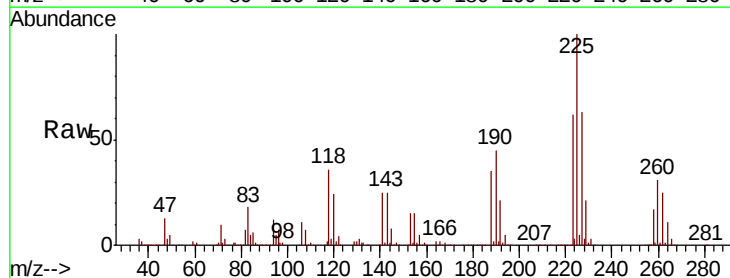
Instrument :
 MSVOA_Y
 ClientSampleId :

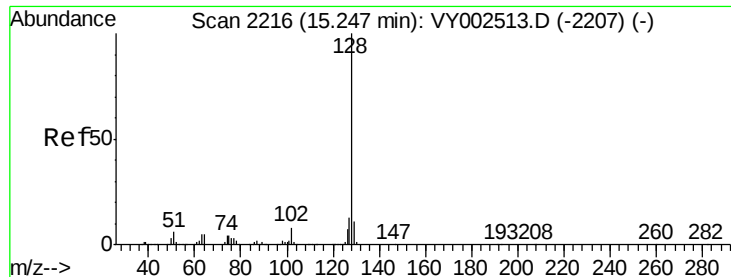
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.6
145	28.8	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 148.762 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002515.D
 Acq: 30 Apr 2020 16:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.1	96.5
227	63.3	32.0	96.2





#95

Naphthalene

Concen: 161.823 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampled :

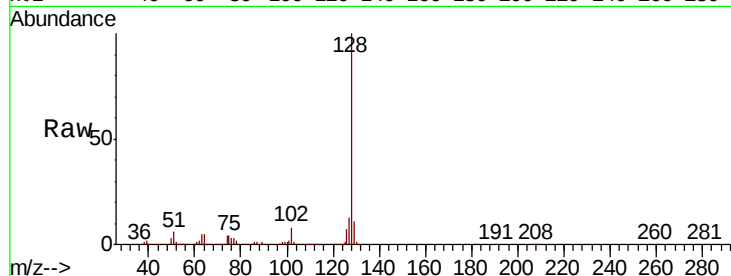
Tot Ion:128 Resp: 1415334

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

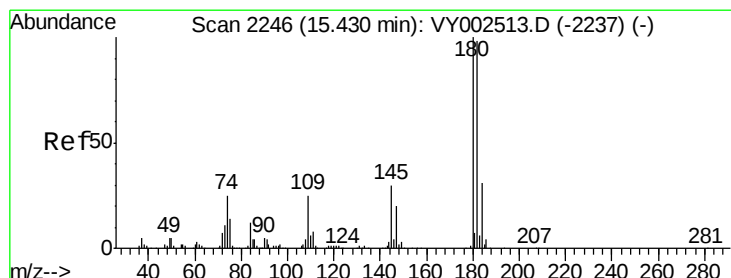
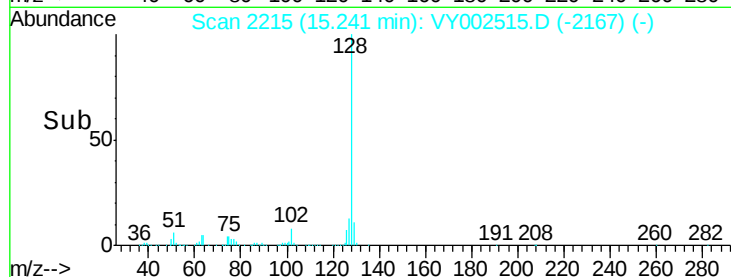
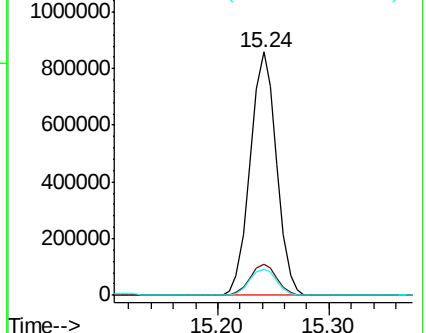
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 156.884 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY002515.D

Acq: 30 Apr 2020 16:05

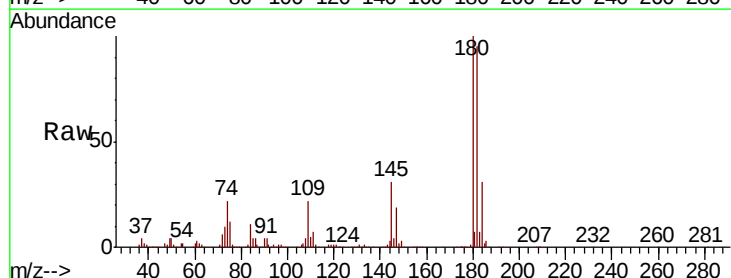
Tgt Ion:180 Resp: 638532

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 30.4 15.0 45.1



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

