

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001526.D
 Acq On : 06 Feb 2020 13:36
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	228704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	391237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	353552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	169133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	119776	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.75	113	110856	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.19	98	454012	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.49	95	169538	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	42593	19.026	ug/l	98
3) Chloromethane	2.13	50	55547	23.740	ug/l	98
4) Vinyl Chloride	2.27	62	57061	23.486	ug/l	96
5) Bromomethane	2.67	94	38374	25.114	ug/l	97
6) Chloroethane	2.82	64	36723	25.076	ug/l	99
7) Trichlorofluoromethane	3.15	101	77052	19.160	ug/l	96
8) Diethyl Ether	3.55	74	28885	21.285	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.93	101	48973	20.239	ug/l	99
10) Methyl Iodide	4.13	142	57500	18.650	ug/l	99
11) Tert butyl alcohol	4.99	59	31404	101.141	ug/l	96
12) 1,1-Dichloroethene	3.91	96	48670	20.241	ug/l	94
13) Acrolein	3.76	56	22649	103.875	ug/l	100
14) Allyl chloride	4.52	41	84384	22.941	ug/l	96
15) Acrylonitrile	5.21	53	74439	119.650	ug/l	98
16) Acetone	3.99	43	69051	103.667	ug/l	95
17) Carbon Disulfide	4.22	76	160709	20.995	ug/l	99
18) Methyl Acetate	4.52	43	34793	24.478	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	132310	20.691	ug/l	99
20) Methylene Chloride	4.75	84	59085	19.800	ug/l	92
21) trans-1,2-Dichloroethene	5.25	96	55722	20.846	ug/l	97
22) Diisopropyl ether	6.16	45	171444	23.525	ug/l	97
23) Vinyl Acetate	6.10	43	560346	120.784	ug/l	96
24) 1,1-Dichloroethane	6.05	63	94223	21.495	ug/l	98
25) 2-Butanone	7.02	43	102608	118.740	ug/l	96
26) 2,2-Dichloropropane	7.02	77	85318	20.337	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	60496	20.721	ug/l	96
28) Bromochloromethane	7.36	49	31617	21.173	ug/l	88
29) Tetrahydrofuran	7.38	42	63739	123.062	ug/l	95
30) Chloroform	7.53	83	90262	20.329	ug/l	97
31) Cyclohexane	7.81	56	98598	21.989	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	79640	19.783	ug/l	98
36) 1,1-Dichloropropene	7.94	75	77242	21.582	ug/l	98
37) Ethyl Acetate	7.10	43	43781	25.269	ug/l	96
38) Carbon Tetrachloride	7.92	117	68026	19.645	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	100278	21.279	ug/l	97
40) Benzene	8.19	78	223323	21.876	ug/l	99
41) Methacrylonitrile	7.37	41	58893	73.340	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	61220	21.525	ug/l	99
43) Isopropyl Acetate	8.30	43	84450	24.617	ug/l #	94
44) Trichloroethene	8.96	130	56888	20.674	ug/l	96
45) 1,2-Dichloropropane	9.24	63	55505	22.516	ug/l	97
46) Dibromomethane	9.33	93	29644	21.415	ug/l	99
47) Bromodichloromethane	9.52	83	70520	20.909	ug/l	98
48) Methyl methacrylate	9.31	41	37972	24.388	ug/l	94
49) 1,4-Dioxane	9.31	88	7822	427.876	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	213197	126.195	ug/l	96
52) Toluene	10.25	92	139123	21.478	ug/l	97
53) t-1,3-Dichloropropene	10.48	75	77184	21.011	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	90626	21.489	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	42958	21.630	ug/l	98
56) Ethyl methacrylate	10.52	69	63477	22.471	ug/l	91
57) 1,3-Dichloropropane	10.80	76	75937	21.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	111881	107.663	ug/l	96
59) 2-Hexanone	10.85	43	155627	126.695	ug/l	96
60) Dibromochloromethane	11.00	129	47601	20.333	ug/l	99
61) 1,2-Dibromoethane	11.10	107	42129	21.537	ug/l	98
64) Tetrachloroethene	10.73	164	46584	20.091	ug/l	98
65) Chlorobenzene	11.53	112	144539	20.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	49277	20.282	ug/l	100
67) Ethyl Benzene	11.60	91	269444	20.992	ug/l	99
68) m/p-Xylenes	11.71	106	206595	42.875	ug/l	98
69) o-Xylene	12.04	106	96561	21.254	ug/l	100
70) Styrene	12.05	104	165593	21.077	ug/l	99
71) Bromoform	12.22	173	28749	21.250	ug/l #	100
73) Isopropylbenzene	12.34	105	260183	20.170	ug/l	100
74) N-amyl acetate	12.15	43	80072	23.888	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	53074	21.656	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	70982	39.025	ug/l #	100
77) Bromobenzene	12.62	156	56262	20.154	ug/l	94
78) n-propylbenzene	12.68	91	320006	20.722	ug/l	100
79) 2-Chlorotoluene	12.77	91	178614	20.291	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	220987	20.342	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	20086	21.368	ug/l	94
82) 4-Chlorotoluene	12.86	91	185606	20.111	ug/l	100
83) tert-Butylbenzene	13.08	119	183128	19.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	217675	20.245	ug/l	100
85) sec-Butylbenzene	13.26	105	270474	20.950	ug/l	100
86) p-Isopropyltoluene	13.38	119	235564	20.705	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	110997	20.747	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	111199	20.747	ug/l	99
89) n-Butylbenzene	13.70	91	239882	21.369	ug/l	99
90) Hexachloroethane	13.97	117	44066	20.180	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	101465	20.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9505	21.008	ug/l	99

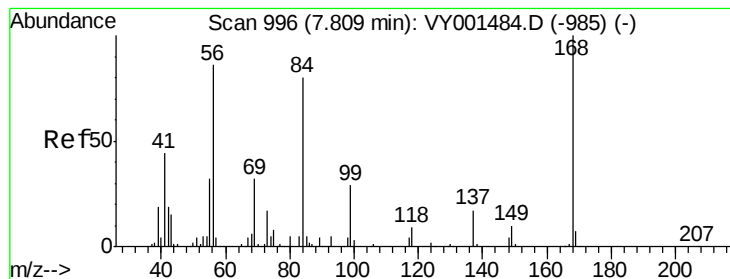
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	67434	20.640	ug/l	99
94) Hexachlorobutadiene	15.12	225	33830	20.402	ug/l	98
95) Naphthalene	15.25	128	154795	20.160	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	59543	20.646	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

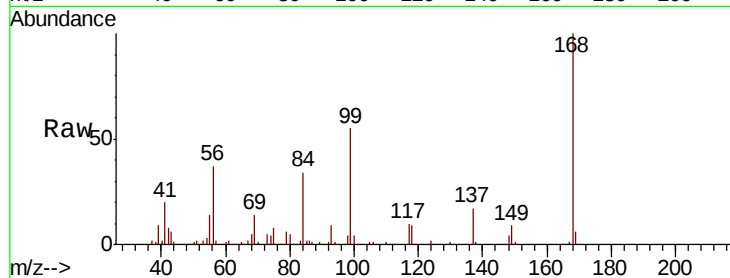
ClientSampleId :

Tot Ion:168 Resp: 228704

Ion Ratio Lower Upper

168 100

99 54.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

100000

80000

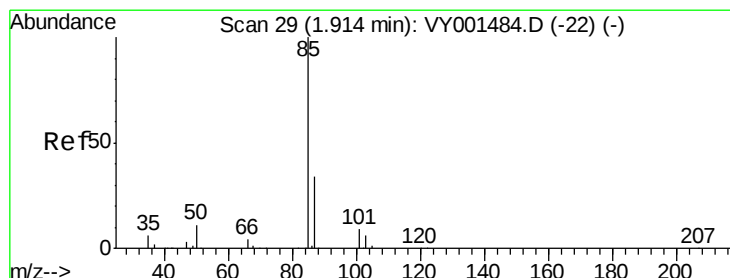
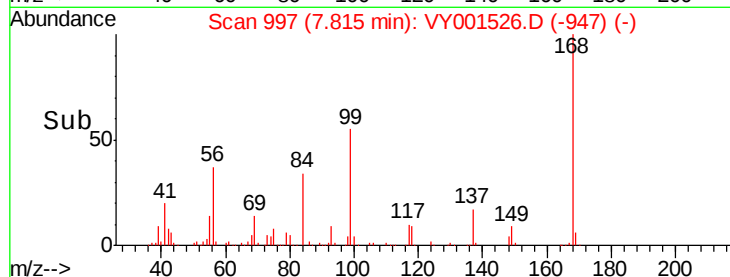
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.026 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001526.D

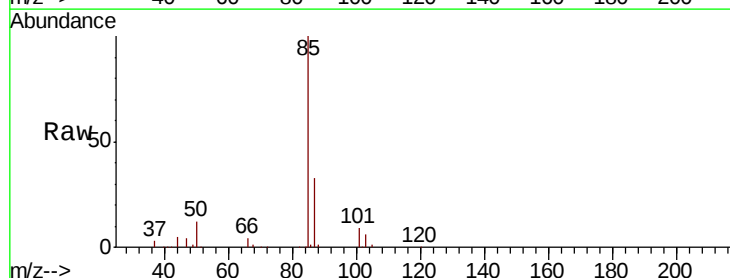
Acq: 06 Feb 2020 13:36

Tgt Ion: 85 Resp: 42593

Ion Ratio Lower Upper

85 100

87 33.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001484.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001484.D (-22) (-)

1.92

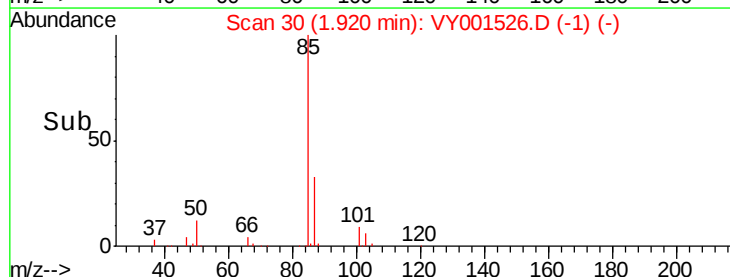
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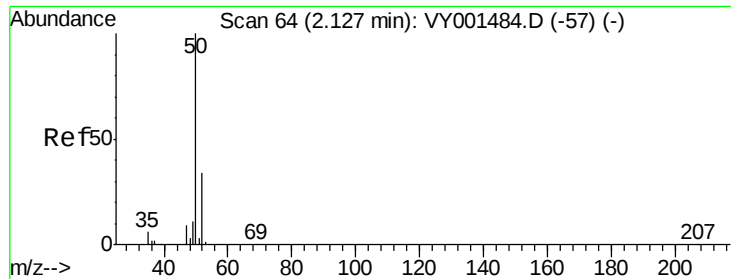
20000

10000

0

Time-->





#3

Chloromethane

Concen: 23.740 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

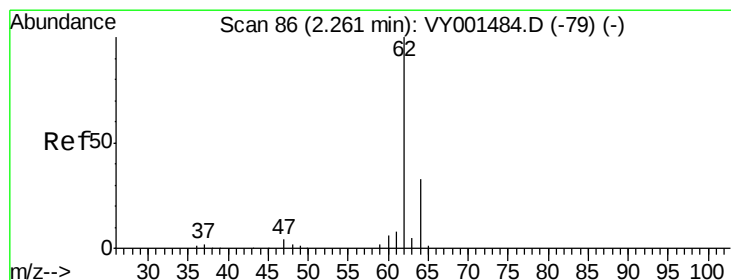
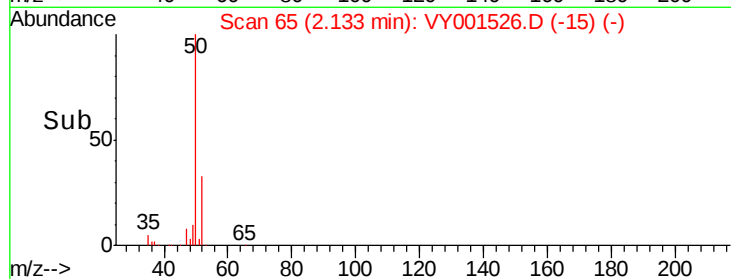
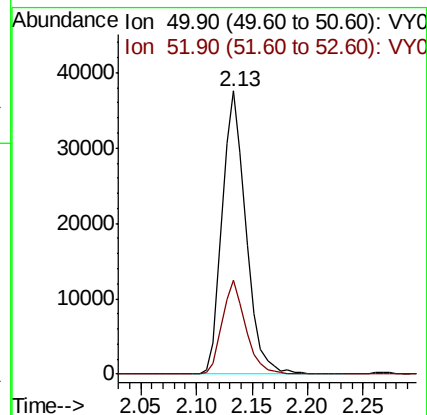
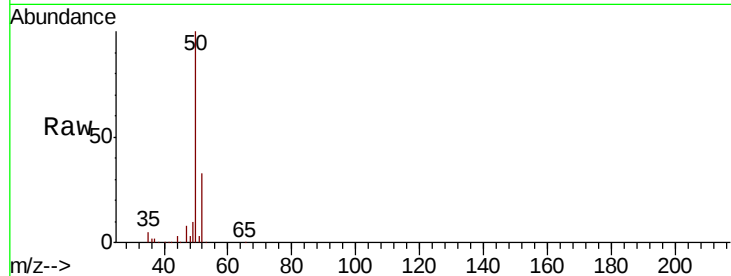
ClientSampleId :

Tot Ion: 50 Resp: 55547

Ion Ratio Lower Upper

50 100

52 33.1 27.3 40.9



#4

Vinyl Chloride

Concen: 23.486 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001526.D

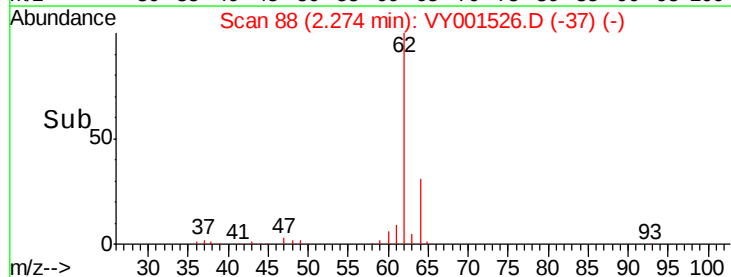
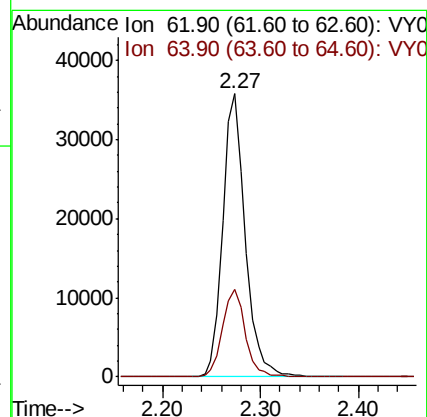
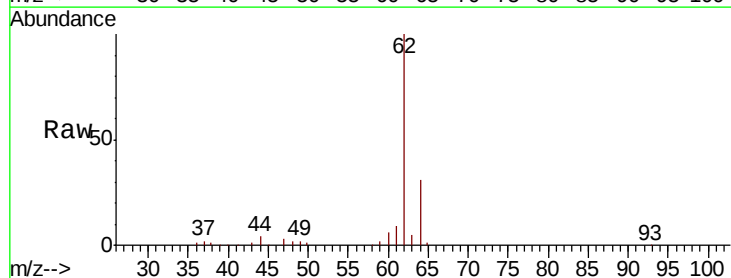
Acq: 06 Feb 2020 13:36

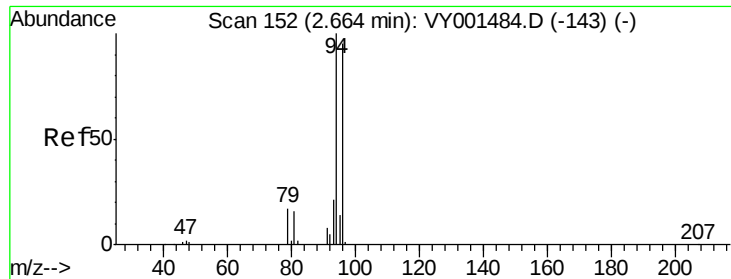
Tgt Ion: 62 Resp: 57061

Ion Ratio Lower Upper

62 100

64 30.7 26.4 39.6





#5

Bromomethane

Concen: 25.114 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

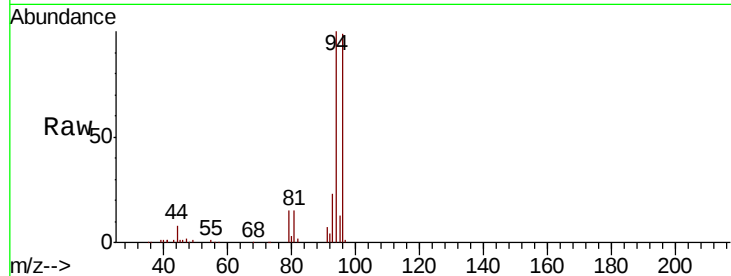
ClientSampled :

Tot Ion: 94 Resp: 38374

Ion Ratio Lower Upper

94 100

96 98.6 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY001526.D (-103) (-)

Ion 95.90 (95.60 to 96.60): VY001526.D (-103) (-)

2.67

20000

15000

10000

5000

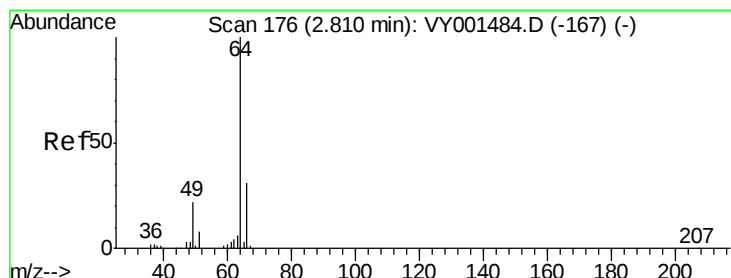
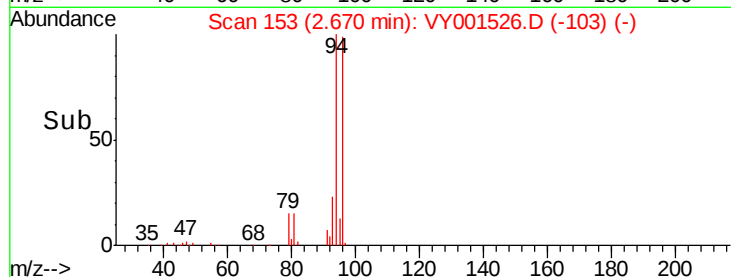
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 25.076 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001526.D

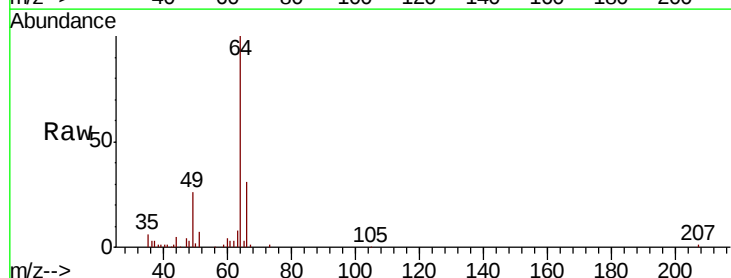
Acq: 06 Feb 2020 13:36

Tgt Ion: 64 Resp: 36723

Ion Ratio Lower Upper

64 100

66 31.0 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY001526.D (-127) (-)

Ion 65.90 (65.60 to 66.60): VY001526.D (-127) (-)

2.82

20000

15000

10000

5000

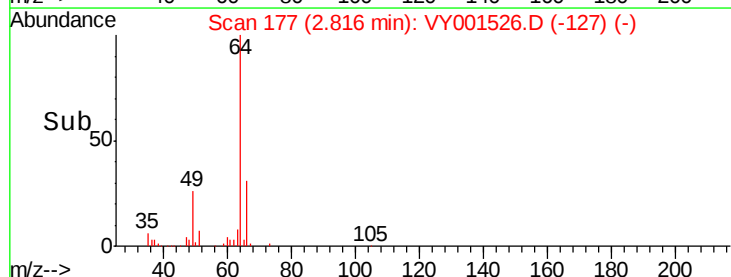
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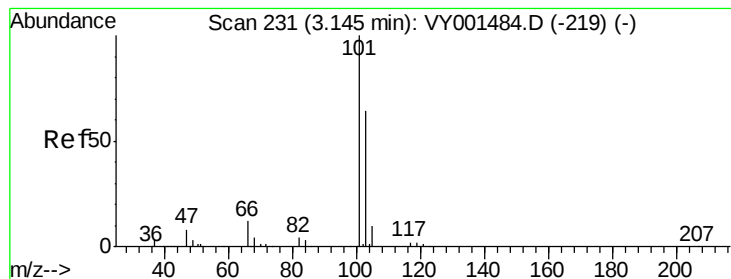
Time-->

2.70

2.80

2.90



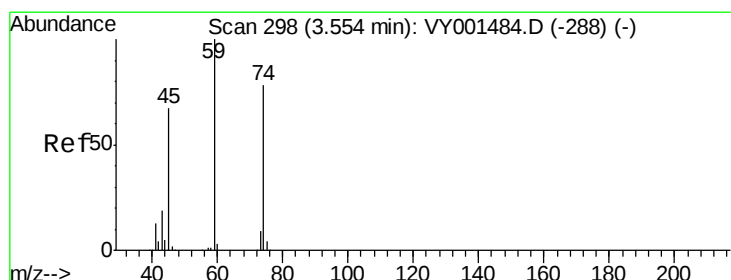
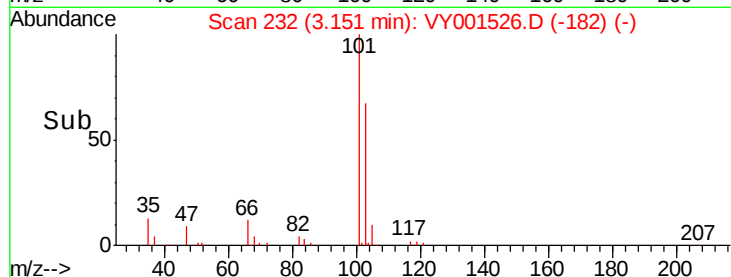
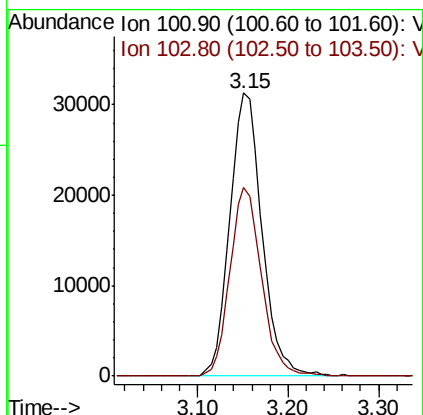
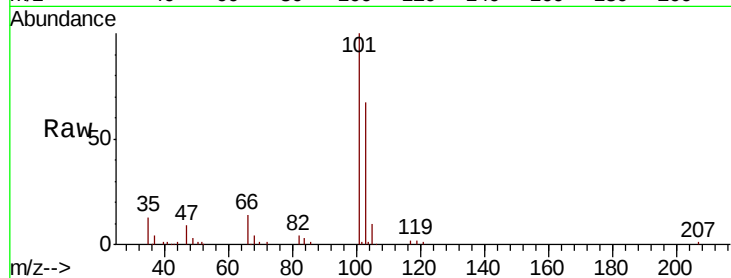


#7

Trichlorofluoromethane
 Concen: 19.160 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :

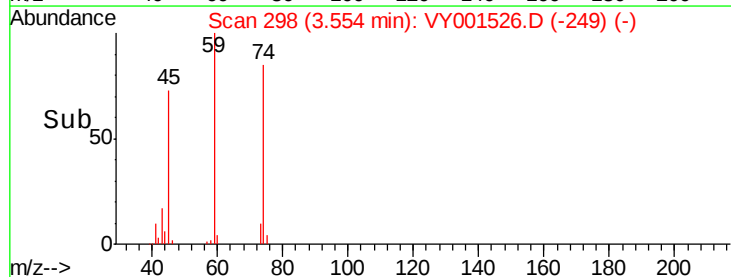
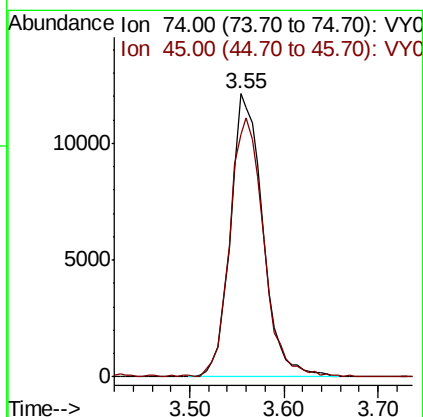
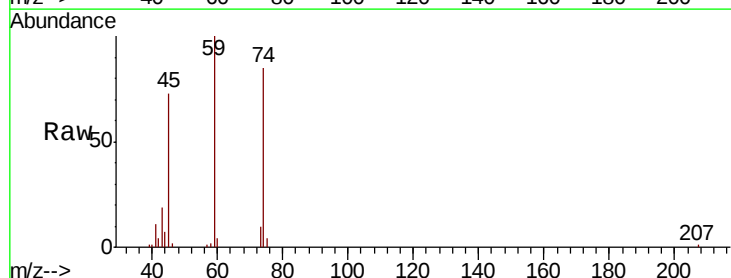
Tot Ion:101 Resp: 77052
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.9 76.3

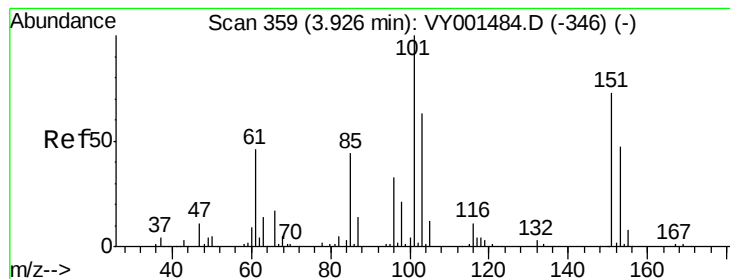


#8

Diethyl Ether
 Concen: 21.285 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion: 74 Resp: 28885
 Ion Ratio Lower Upper
 74 100
 45 96.2 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.239 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

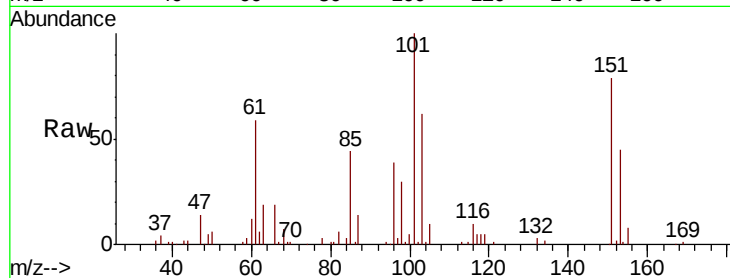
Tot Ion:101 Resp: 48973

Ion Ratio Lower Upper

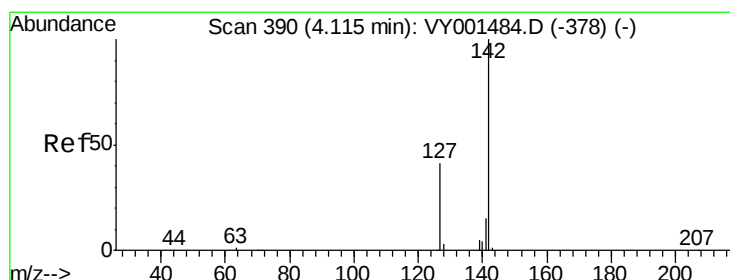
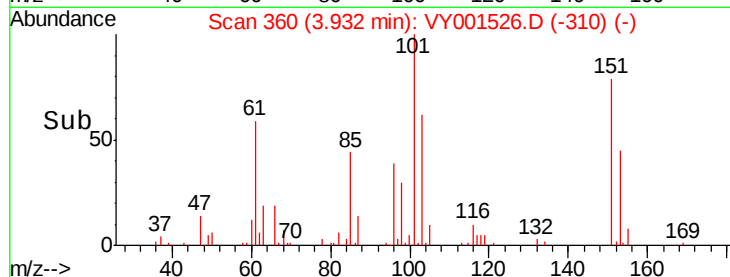
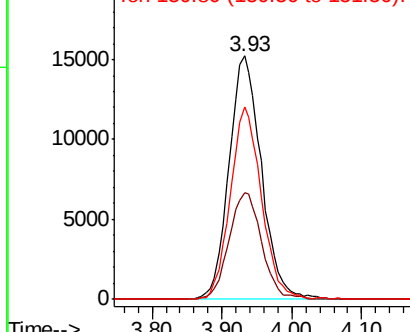
101 100

85 44.2 34.6 51.8

151 75.7 60.3 90.5



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: 18.650 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

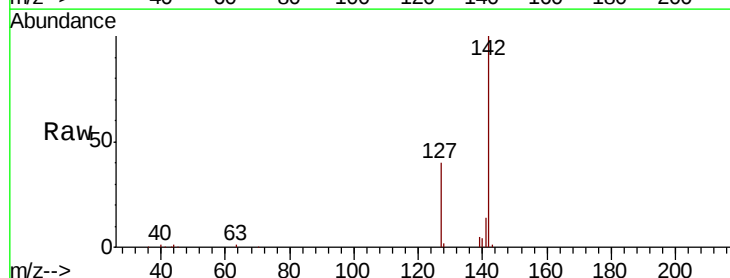
Tgt Ion:142 Resp: 57500

Ion Ratio Lower Upper

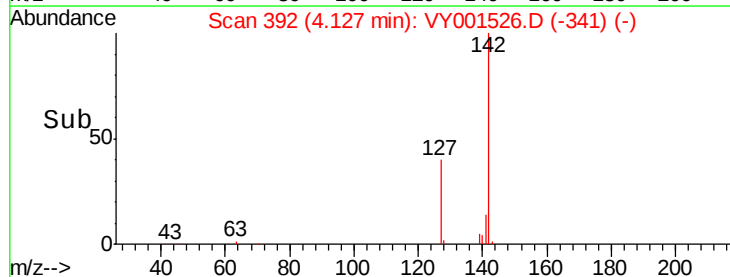
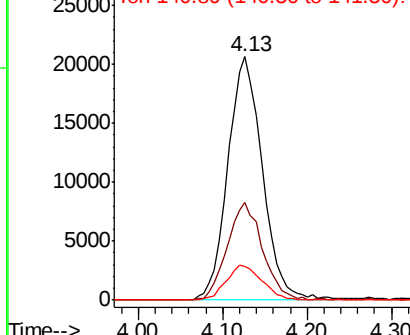
142 100

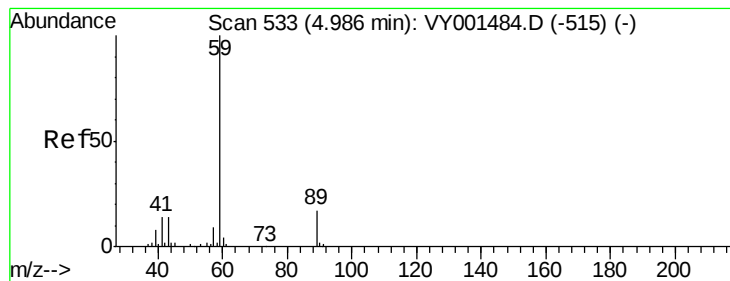
127 40.7 33.3 49.9

141 14.7 11.5 17.3



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



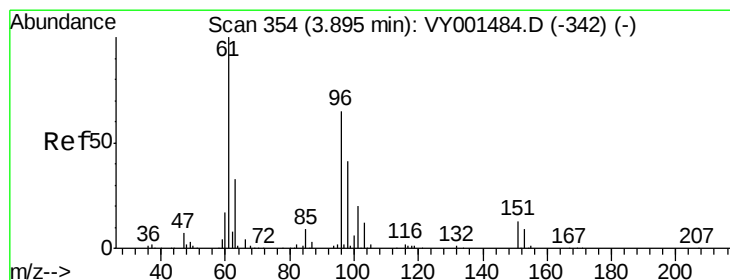
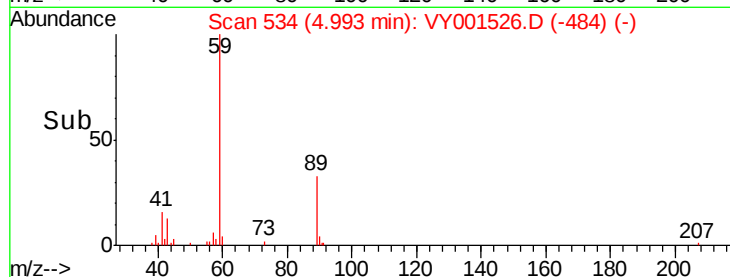
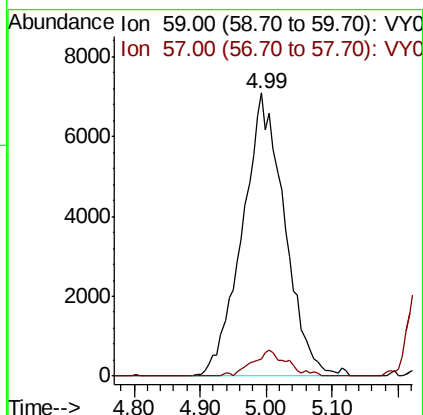
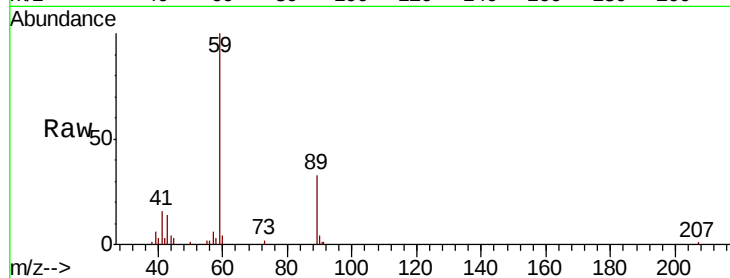


#11

Tert butyl alcohol
 Concen: 101.141 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :

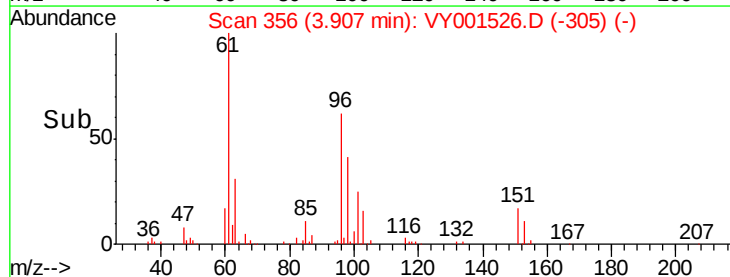
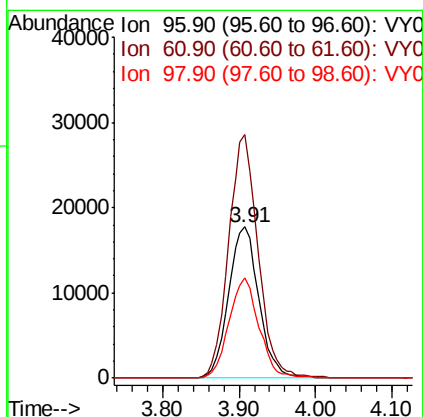
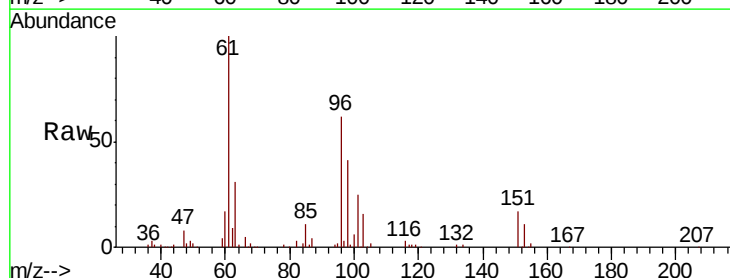
Tot Ion: 59 Resp: 31404
 Ion Ratio Lower Upper
 59 100
 57 7.3 7.0 10.6

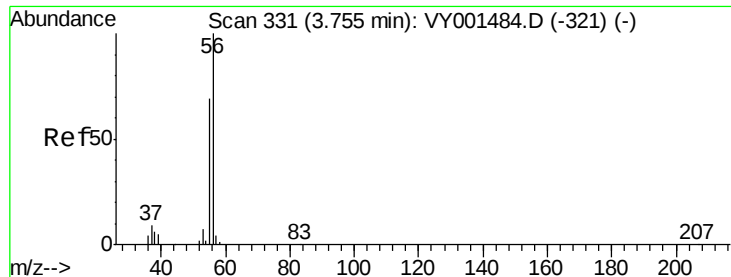


#12

1,1-Dichloroethene
 Concen: 20.241 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion: 96 Resp: 48670
 Ion Ratio Lower Upper
 96 100
 61 161.3 122.3 183.5
 98 66.8 49.7 74.5





#13

Acrolein

Concen: 103.875 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

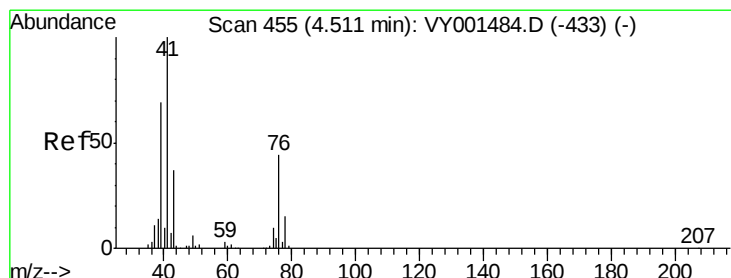
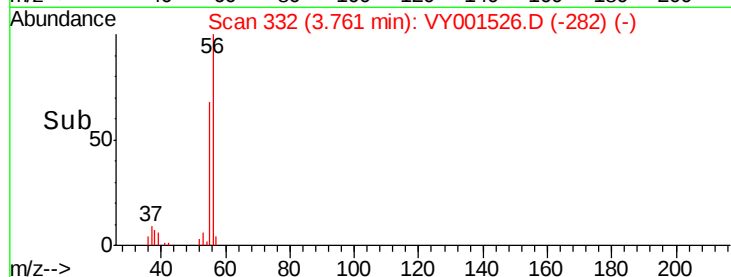
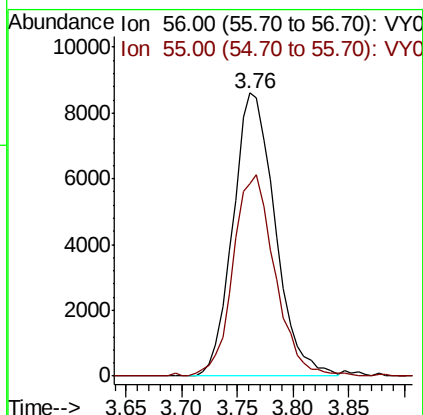
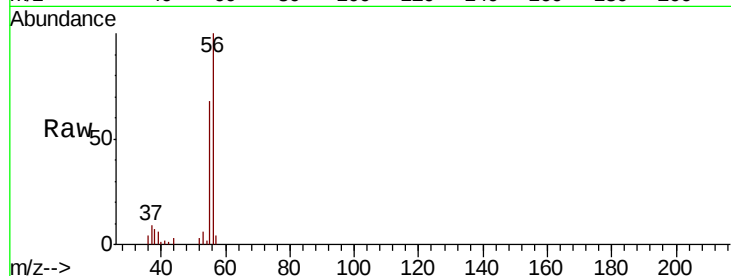
ClientSampleId :

Tot Ion: 56 Resp: 22649

Ion Ratio Lower Upper

56 100

55 70.4 56.2 84.4



#14

Allyl chloride

Concen: 22.941 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

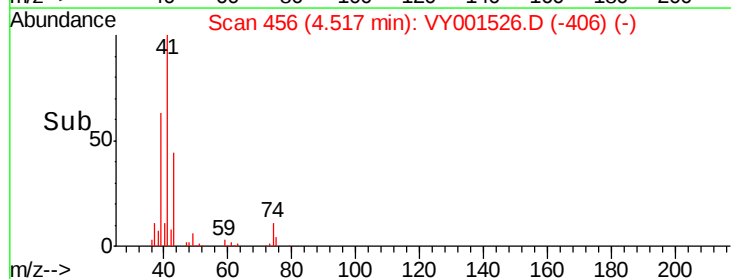
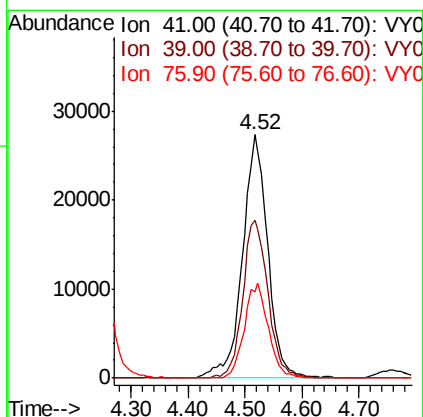
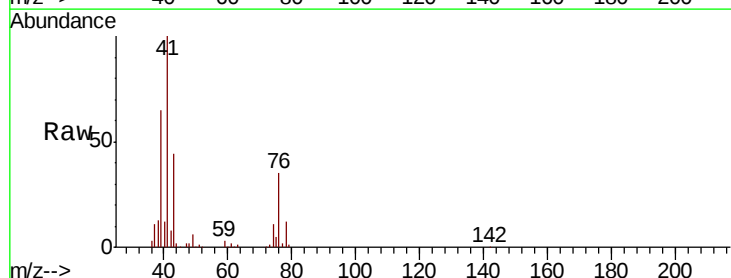
Tgt Ion: 41 Resp: 84384

Ion Ratio Lower Upper

41 100

39 64.7 53.0 79.6

76 36.8 32.6 48.8

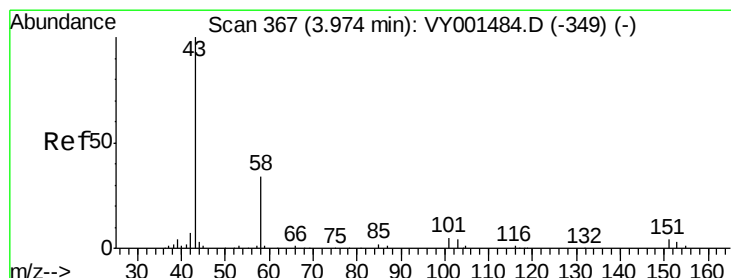
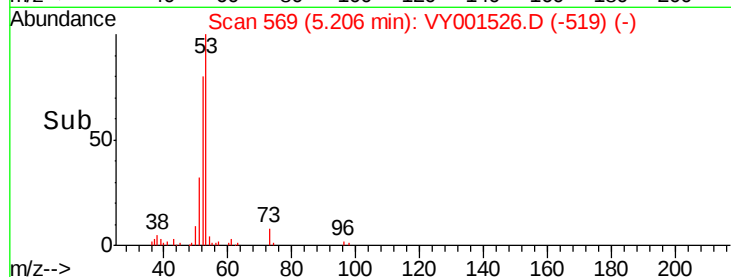
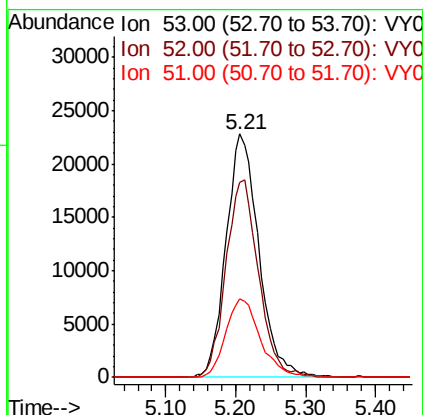
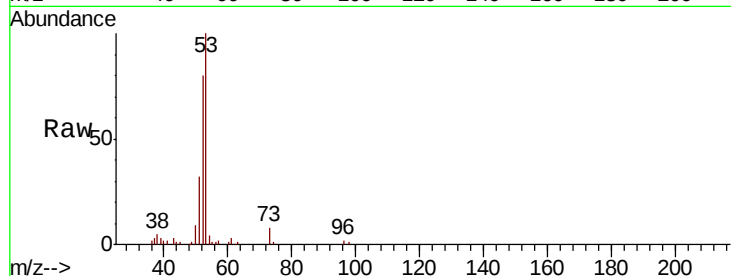




#15
 Acrylonitrile
 Concen: 119.650 ug/l
 RT: 5.21 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

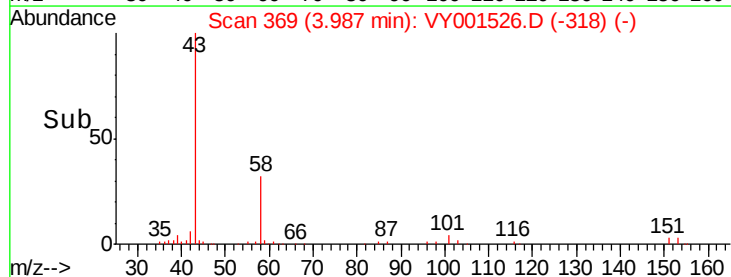
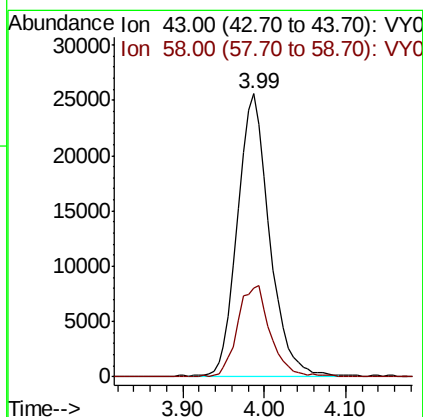
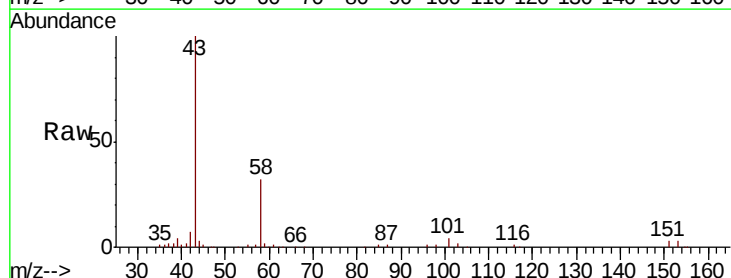
Instrument :
 MSVOA_Y
 ClientSampleId :

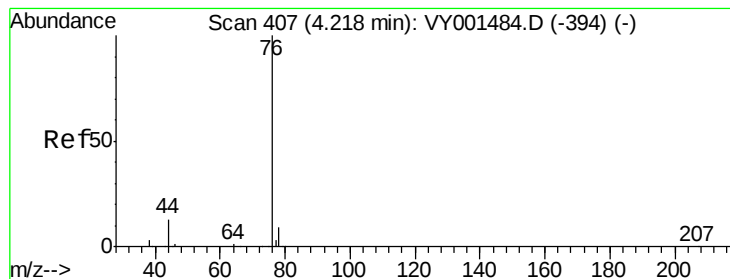
Tot Ion	53	Resp	74439
Ion Ratio	Lower	Upper	
53	100		
52	80.5	65.4	98.2
51	34.2	29.0	43.4



#16
 Acetone
 Concen: 103.667 ug/l
 RT: 3.99 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	43	Resp	69051
Ion Ratio	Lower	Upper	
43	100		
58	31.6	27.5	41.3





#17

Carbon Disulfide

Concen: 20.995 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

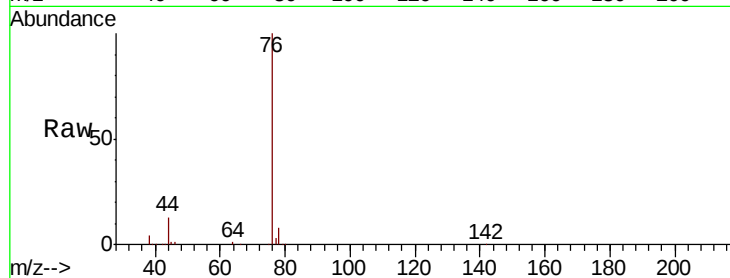
ClientSampleId :

Tot Ion: 76 Resp: 160709

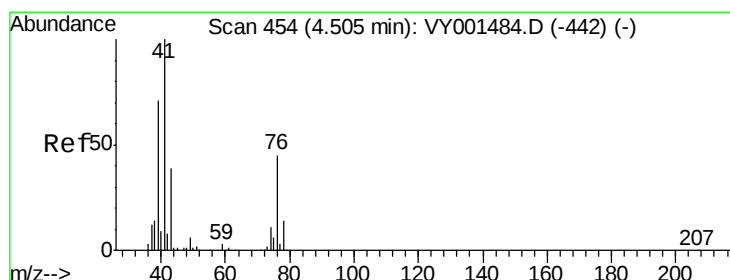
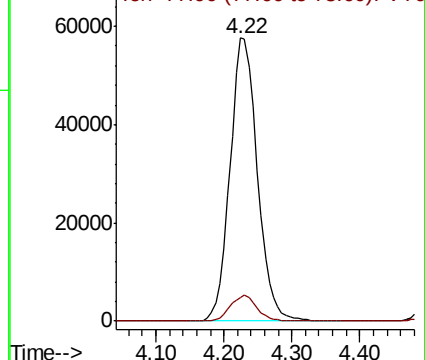
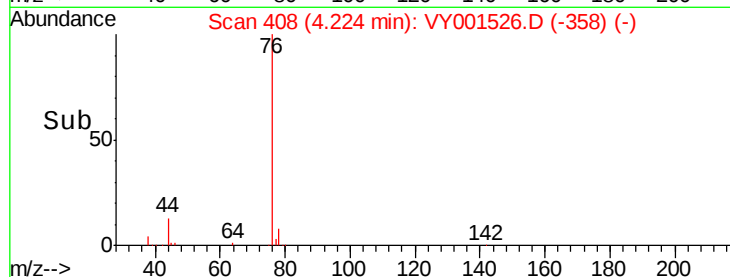
Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY001526.D (-358) (-)



#18

Methyl Acetate

Concen: 24.478 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001526.D

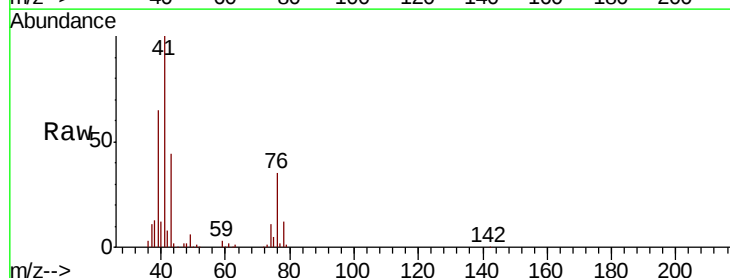
Acq: 06 Feb 2020 13:36

Tgt Ion: 43 Resp: 34793

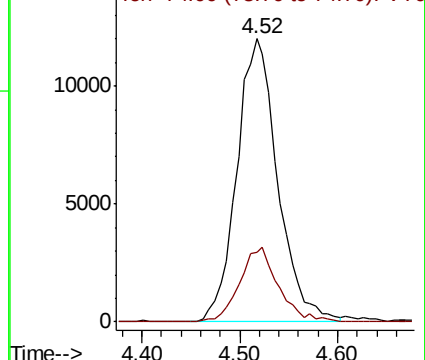
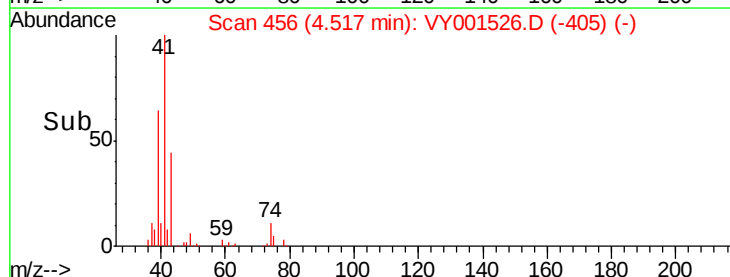
Ion Ratio Lower Upper

43 100

74 25.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY001526.D (-405) (-)

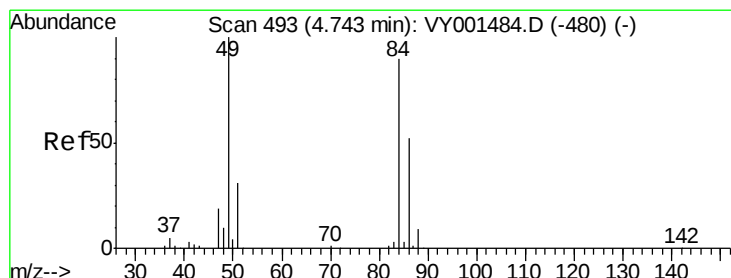
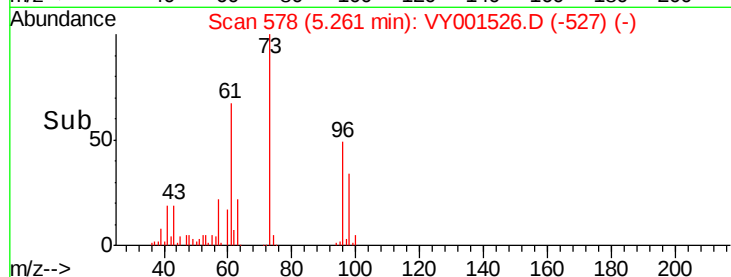
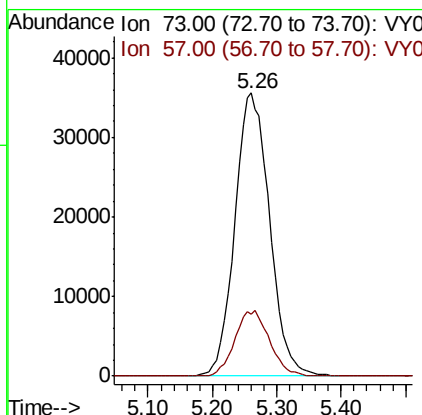
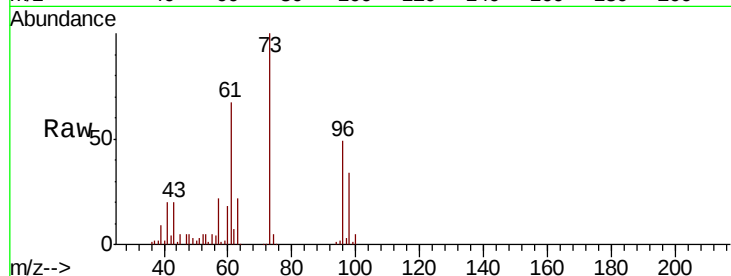




#19
Methyl tert-butyl Ether
Concen: 20.691 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

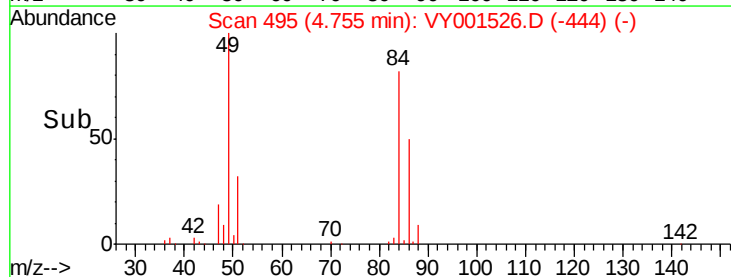
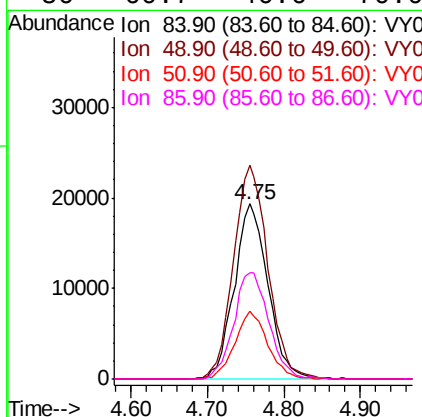
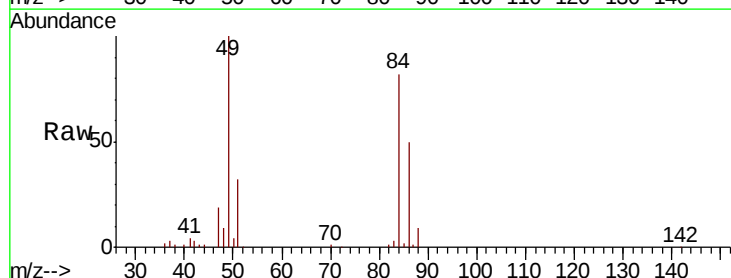
Instrument :
MSVOA_Y
ClientSampleId :

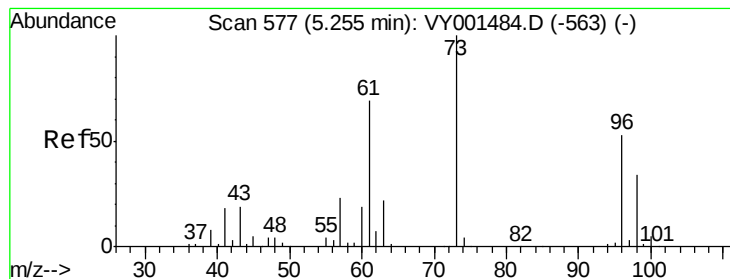
Tot Ion: 73 Resp: 132310
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6



#20
Methylene Chloride
Concen: 19.800 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 84 Resp: 59085
Ion Ratio Lower Upper
84 100
49 122.2 89.0 133.6
51 38.7 27.4 41.2
86 60.7 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 20.846 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampled :

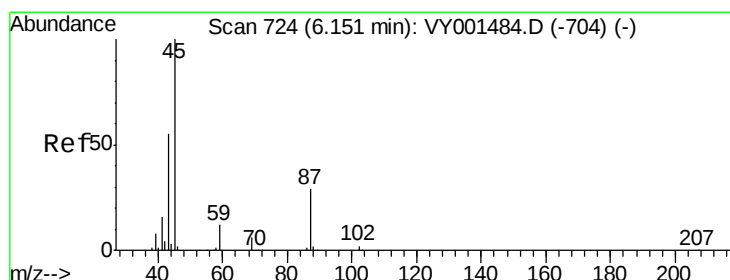
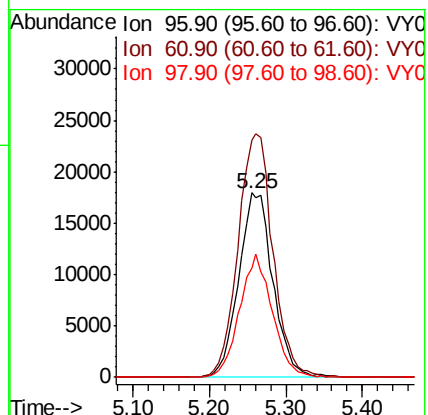
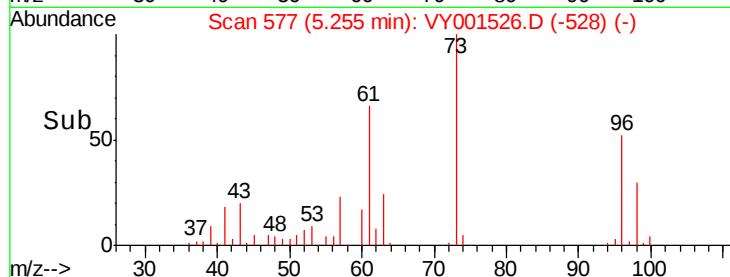
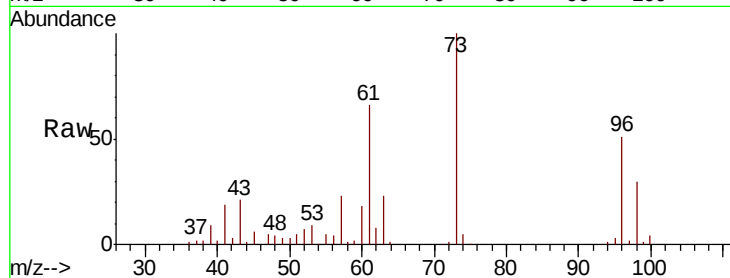
Tot Ion: 96 Resp: 55722

Ion Ratio Lower Upper

96 100

61 128.4 104.2 156.4

98 58.9 51.4 77.0



#22

Diisopropyl ether

Concen: 23.525 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tgt Ion: 45 Resp: 171444

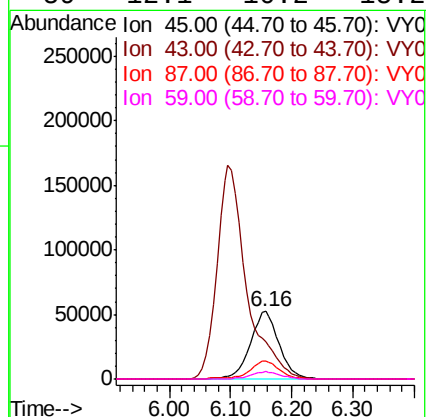
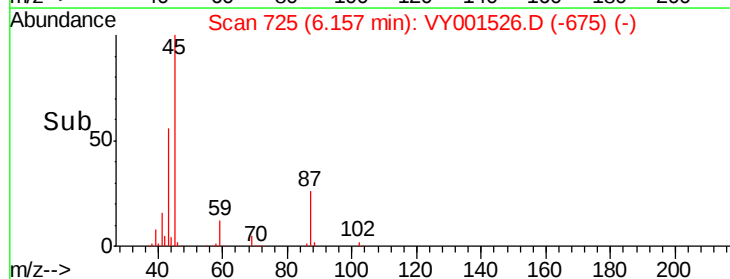
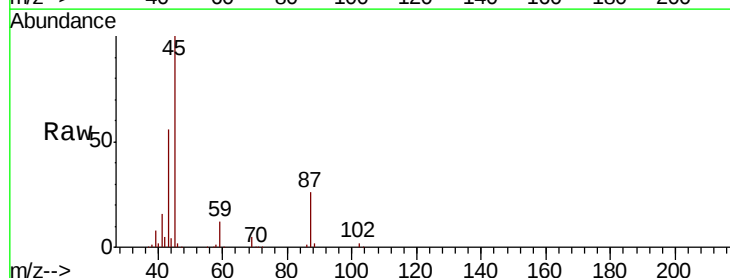
Ion Ratio Lower Upper

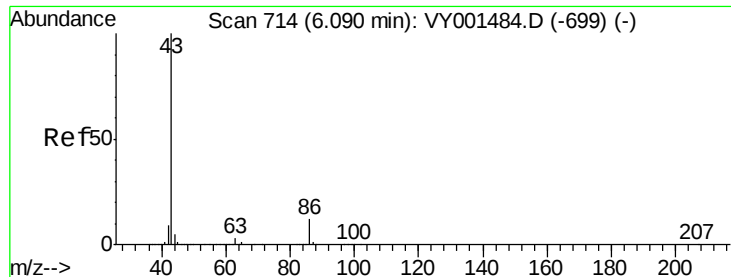
45 100

43 55.4 44.2 66.4

87 25.8 23.9 35.9

59 12.1 10.2 15.2





#23

Vinyl Acetate

Concen: 120.784 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

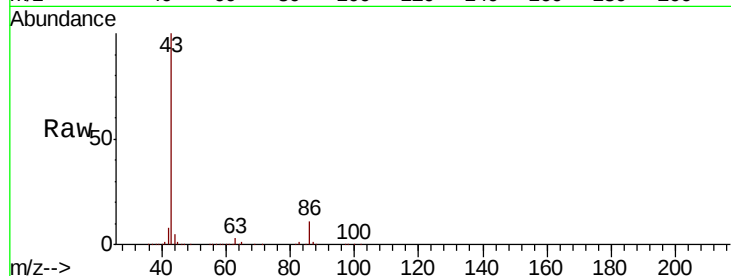
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 560346

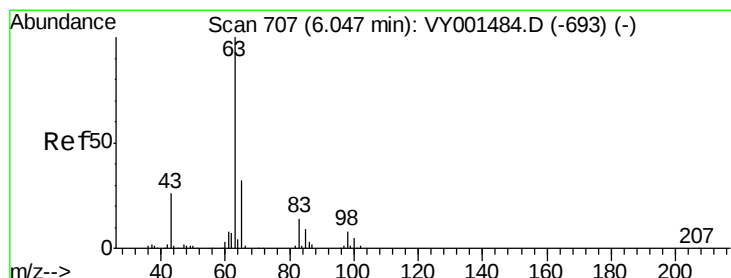
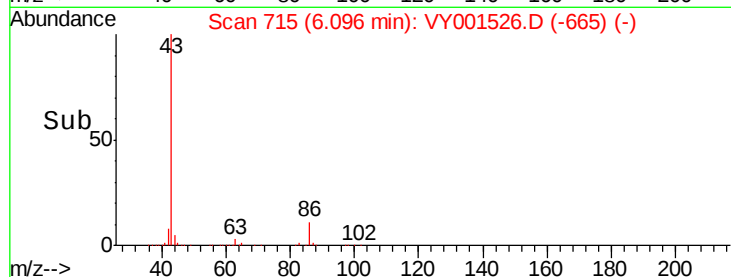
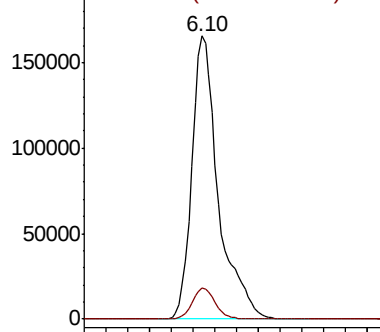
Ion Ratio Lower Upper

43 100

86 10.9 9.8 14.8



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



#24

1,1-Dichloroethane

Concen: 21.495 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

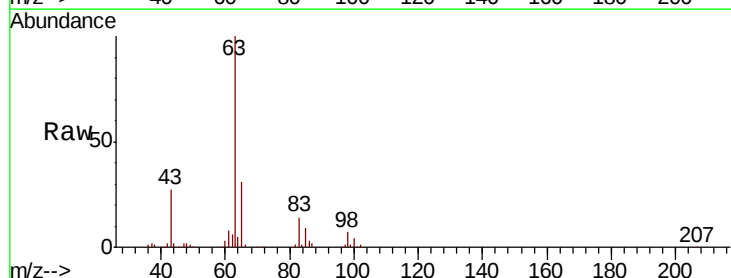
Tgt Ion: 63 Resp: 94223

Ion Ratio Lower Upper

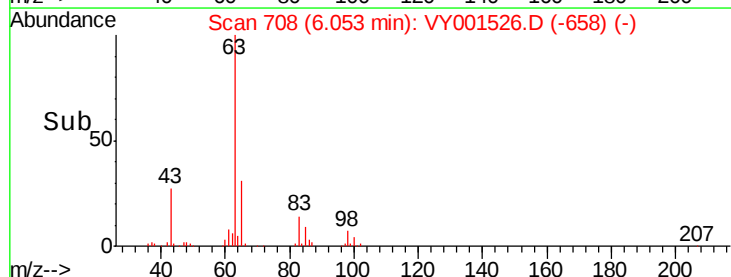
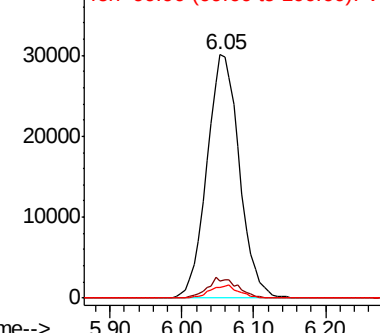
63 100

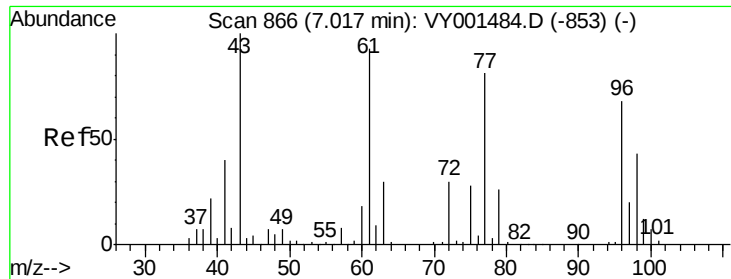
98 7.2 4.0 11.9

100 4.4 2.6 8.0



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

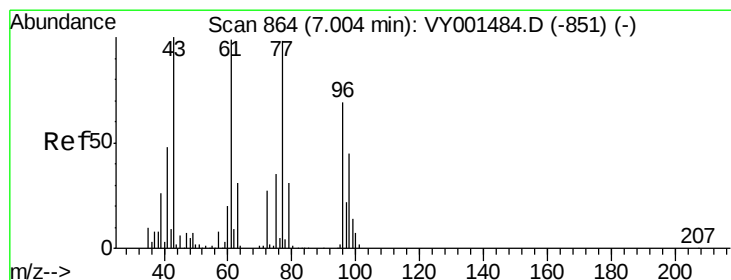
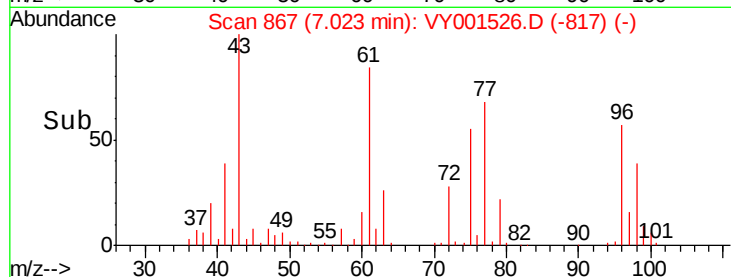
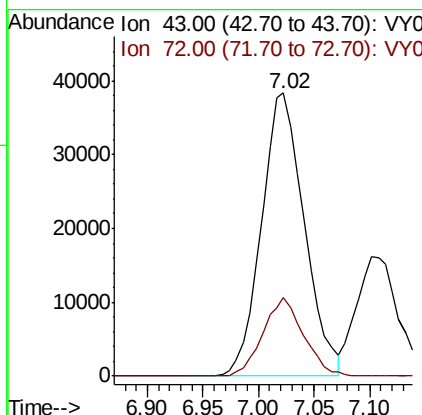
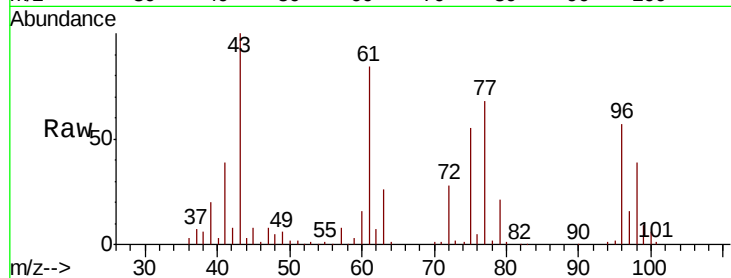




#25
2-Butanone
Concen: 118.740 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

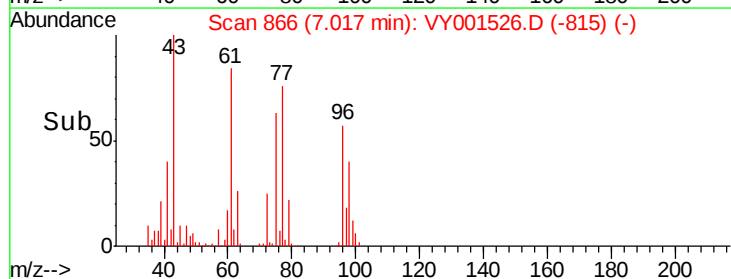
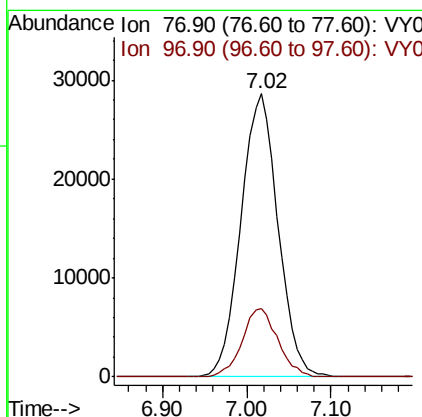
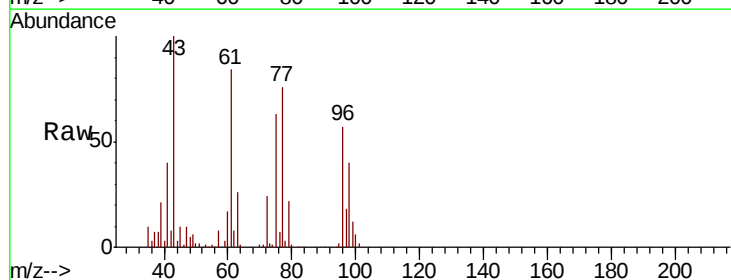
Instrument :
MSVOA_Y
ClientSampled :

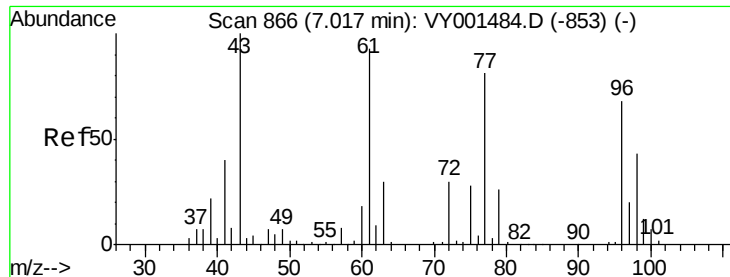
Tot Ion: 43 Resp: 102608
Ion Ratio Lower Upper
43 100
72 27.6 23.8 35.8



#26
2,2-Dichloropropane
Concen: 20.337 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 77 Resp: 85318
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0



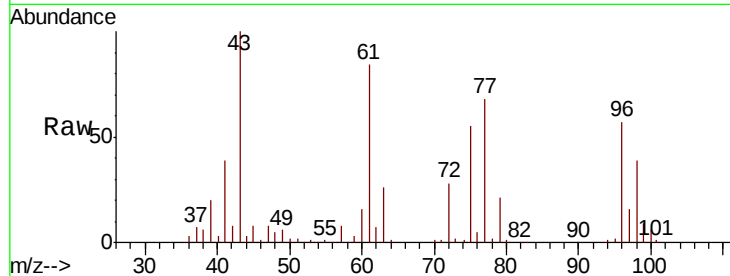


#27

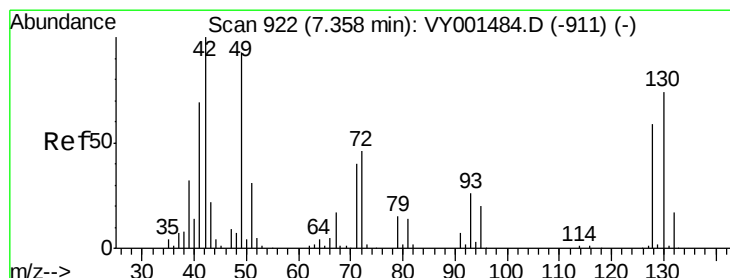
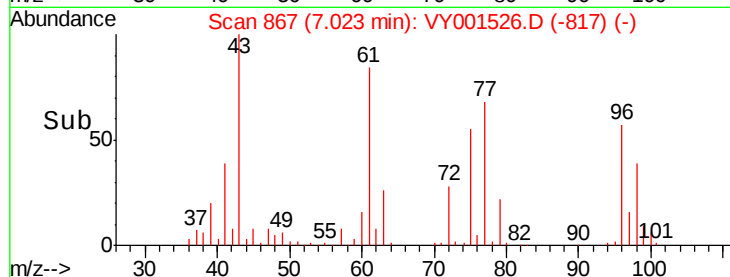
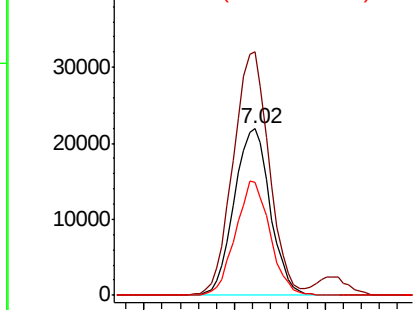
cis-1,2-Dichloroethene
Concen: 20.721 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 60496
Ion Ratio Lower Upper
96 100
61 146.0 0.0 278.8
98 65.4 0.0 128.8



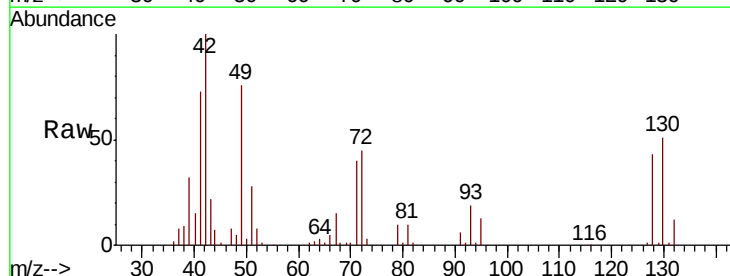
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



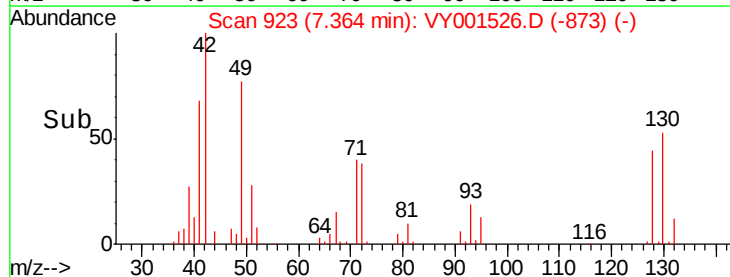
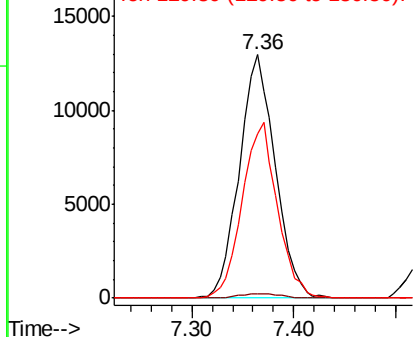
#28

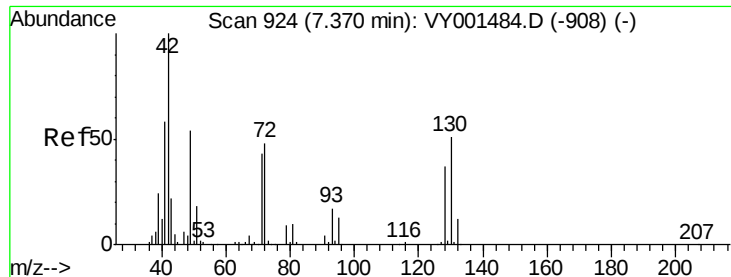
Bromochloromethane
Concen: 21.173 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 49 Resp: 31617
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 71.2 65.4 98.2



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

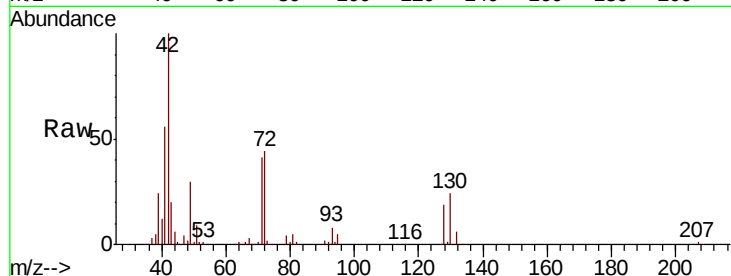




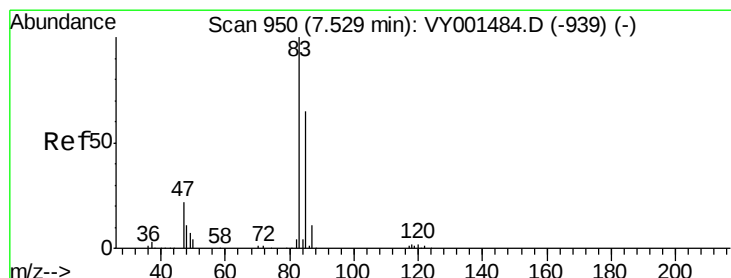
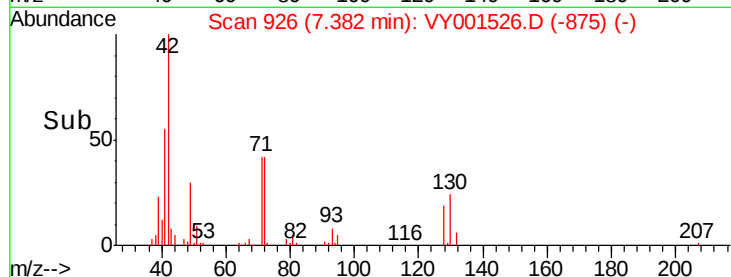
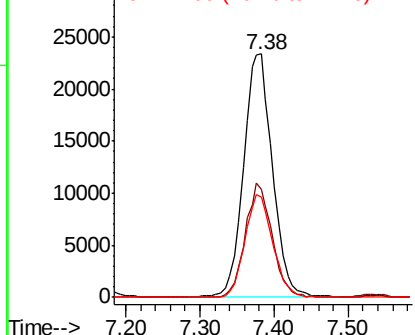
#29
Tetrahydrofuran
Concen: 123.062 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 63739
Ion Ratio Lower Upper
42 100
72 43.4 37.8 56.6
71 40.6 34.8 52.2

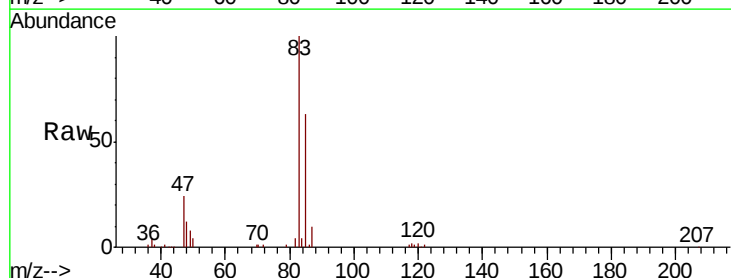


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

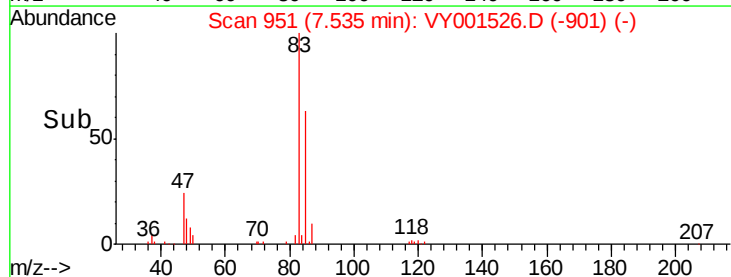
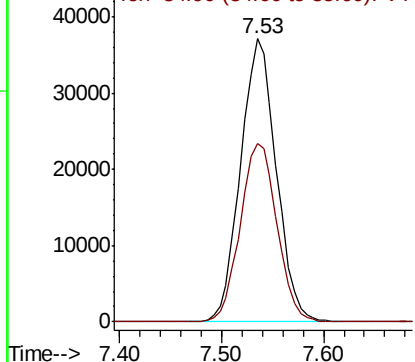


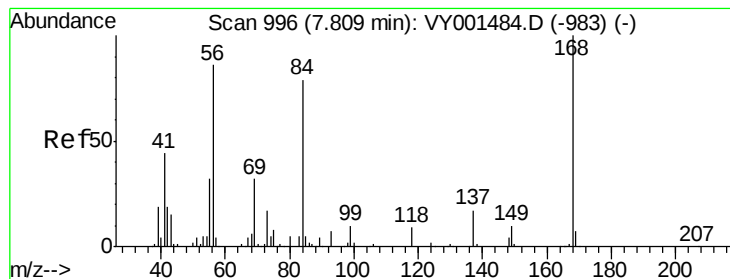
#30
Chloroform
Concen: 20.329 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 83 Resp: 90262
Ion Ratio Lower Upper
83 100
85 63.2 52.4 78.6



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





#31

Cyclohexane

Concen: 21.989 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

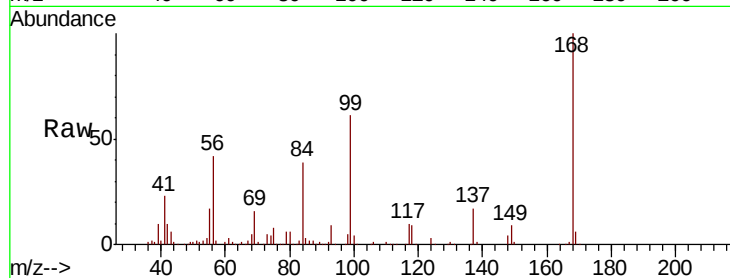
Tot Ion: 56 Resp: 98598

Ion Ratio Lower Upper

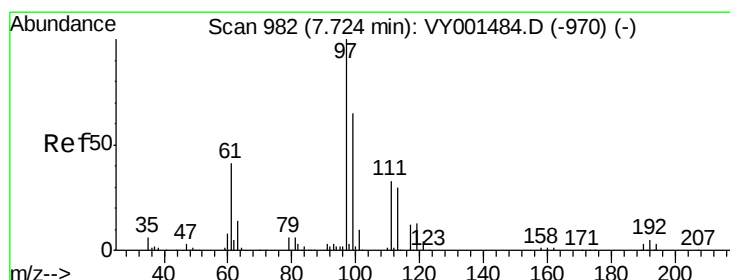
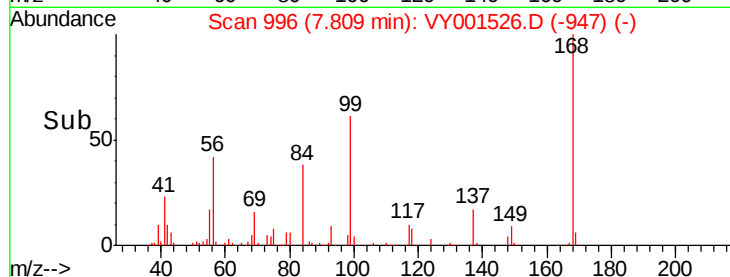
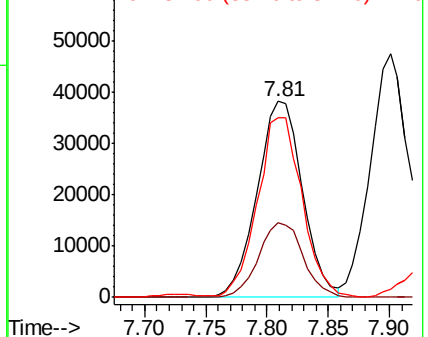
56 100

69 37.8 29.6 44.4

84 90.3 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 19.783 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

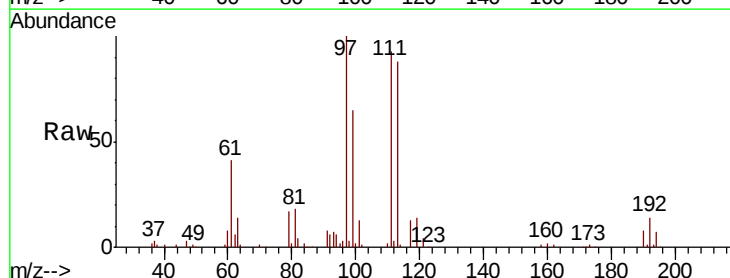
Tgt Ion: 97 Resp: 79640

Ion Ratio Lower Upper

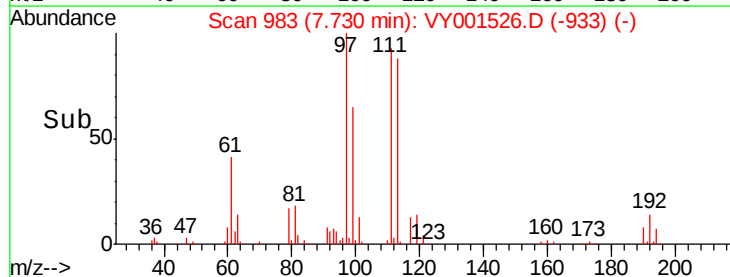
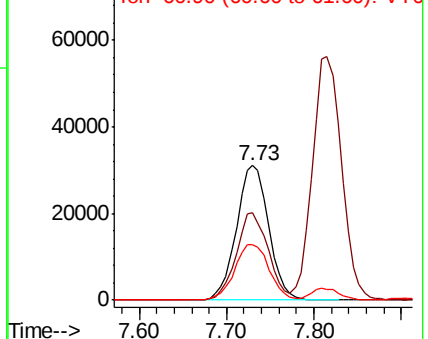
97 100

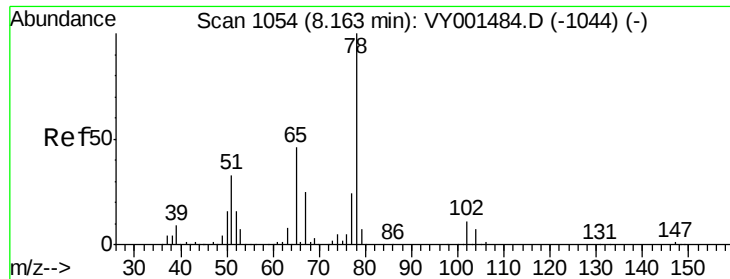
99 64.8 51.8 77.8

61 44.4 32.5 48.7



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

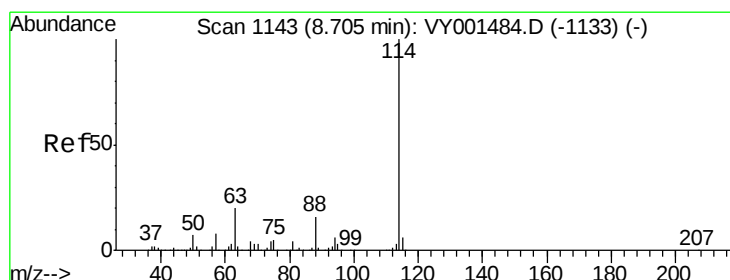
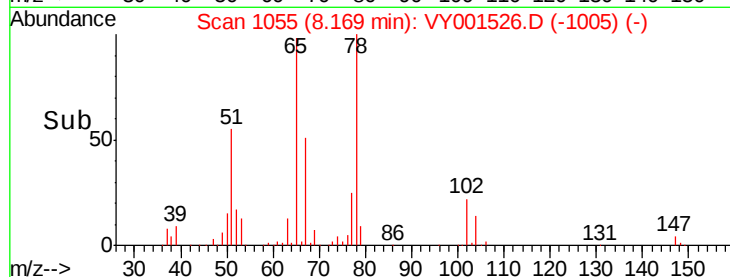
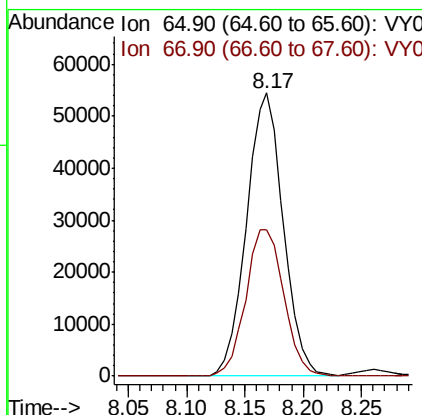
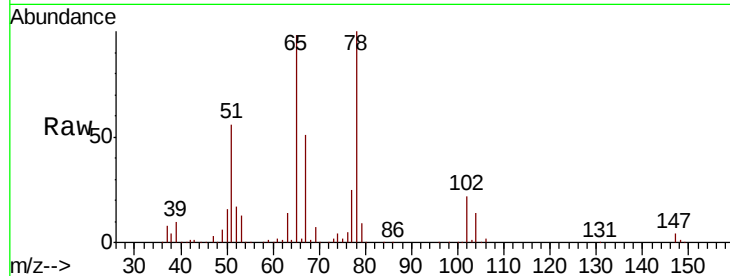




#33
 1,2-Dichloroethane-d4
 Concen: 52.015 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

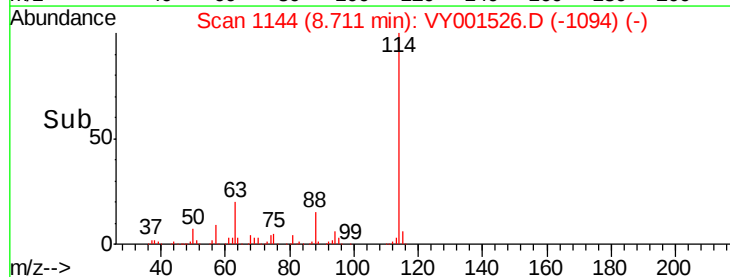
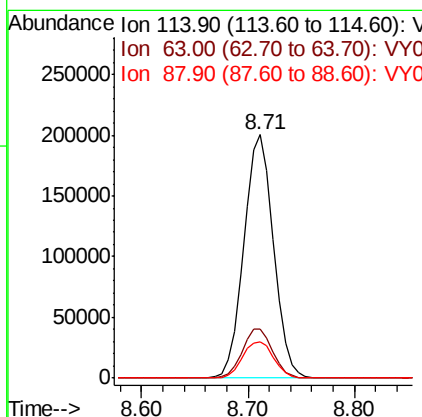
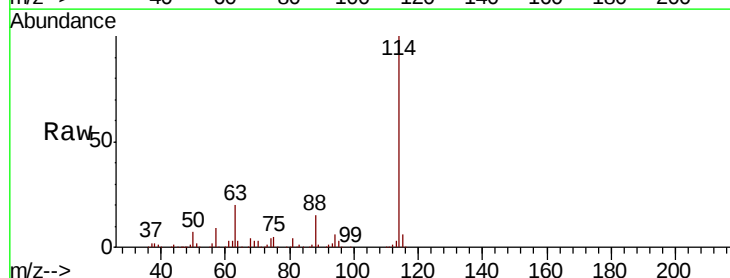
Instrument :
 MSVOA_Y
 ClientSampleId :

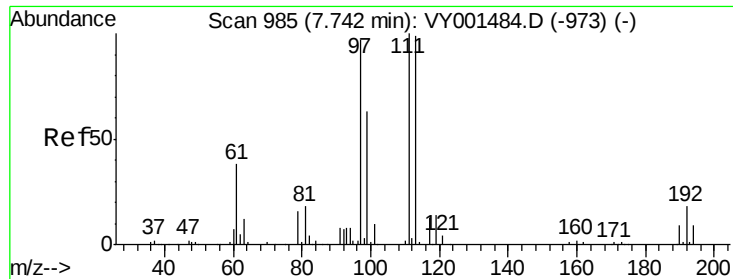
Tot Ion: 65 Resp: 119776
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion: 114 Resp: 391237
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.0 0.0 32.6

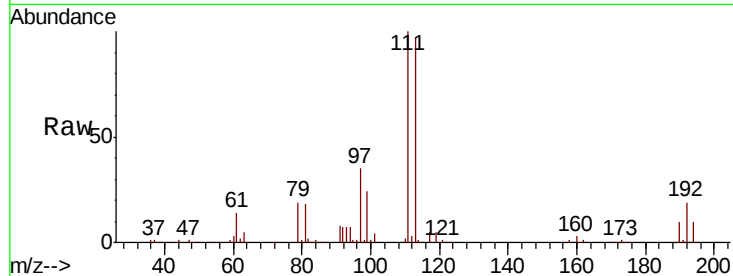




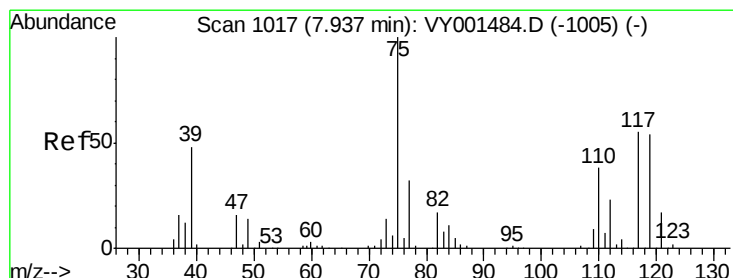
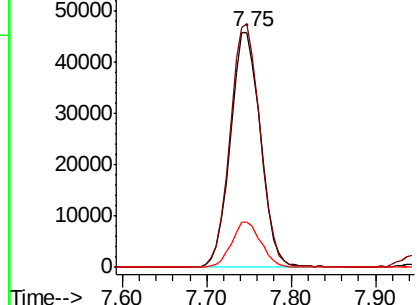
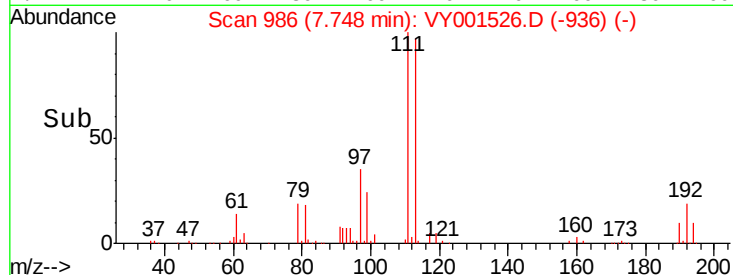
#35
 Dibromofluoromethane
 Concen: 49.137 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	18.8	14.6	22.0

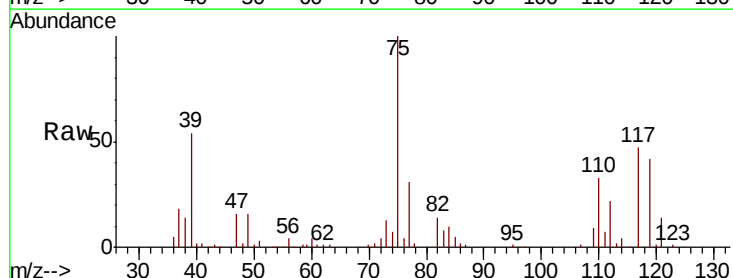


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

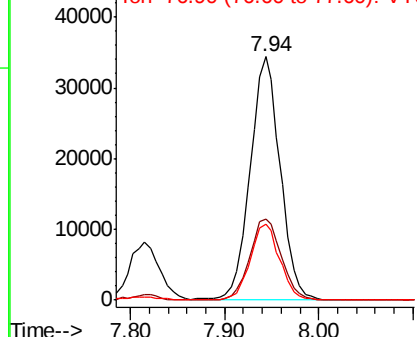
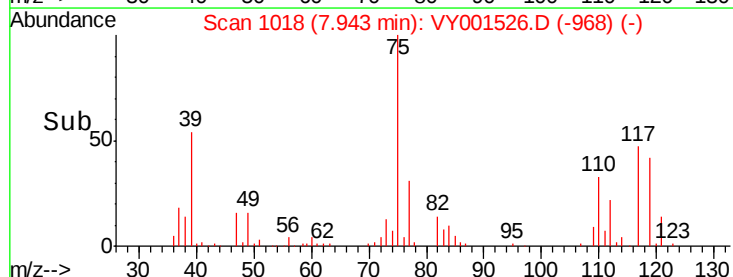


#36
 1,1-Dichloropropene
 Concen: 21.582 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	18.2	54.6
77	30.9	25.0	37.4



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

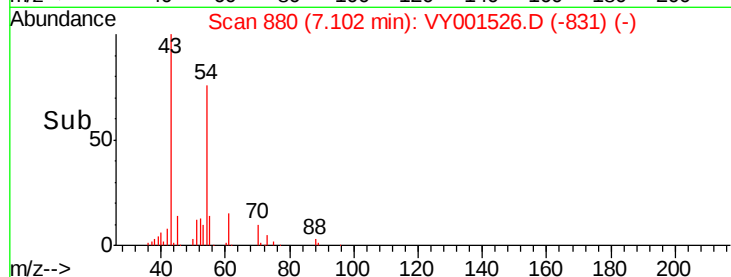
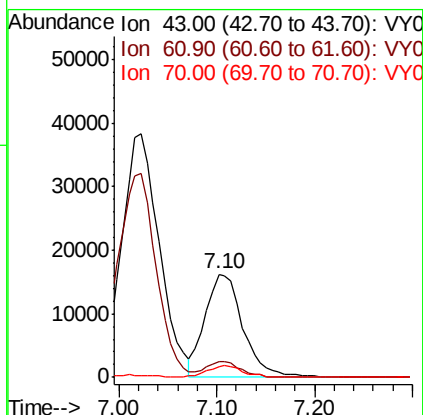
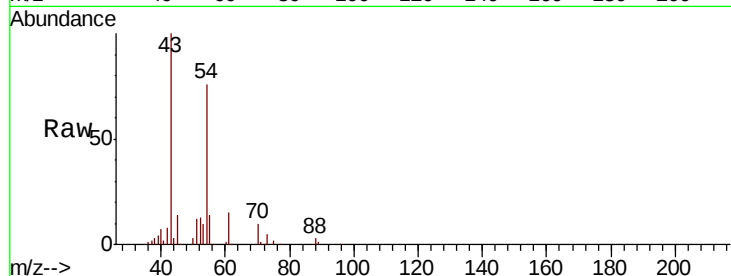




#37
Ethyl Acetate
Concen: 25.269 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

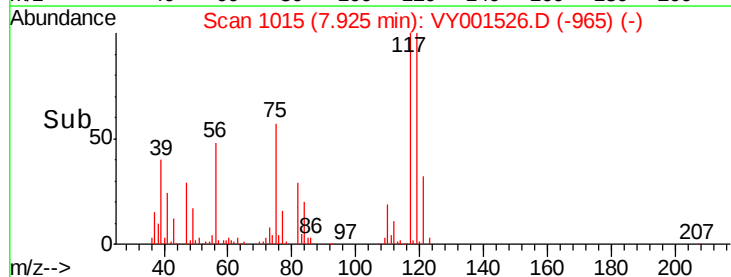
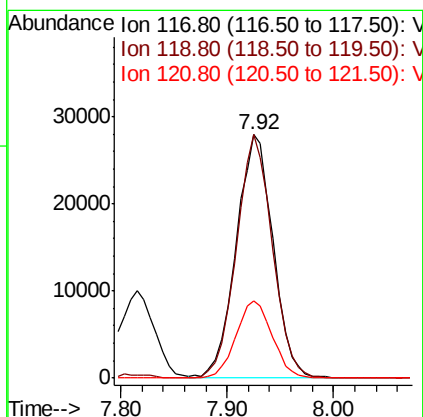
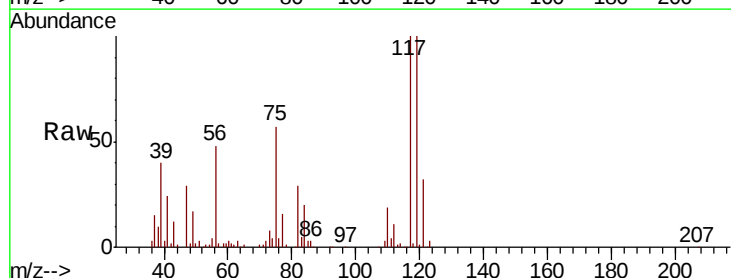
Instrument :
MSVOA_Y
ClientSampled :

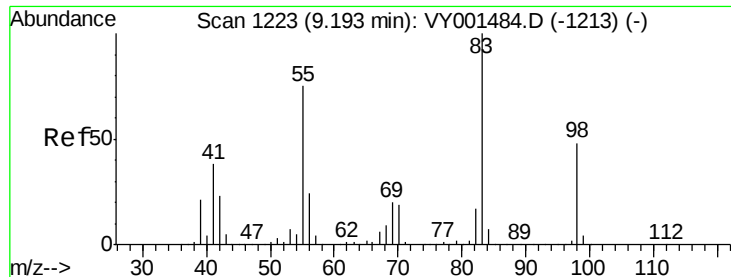
Tot Ion: 43 Resp: 43781
Ion Ratio Lower Upper
43 100
61 13.8 12.0 18.0
70 10.9 10.2 15.4



#38
Carbon Tetrachloride
Concen: 19.645 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 117 Resp: 68026
Ion Ratio Lower Upper
117 100
119 100.0 76.4 114.6
121 31.5 24.2 36.4

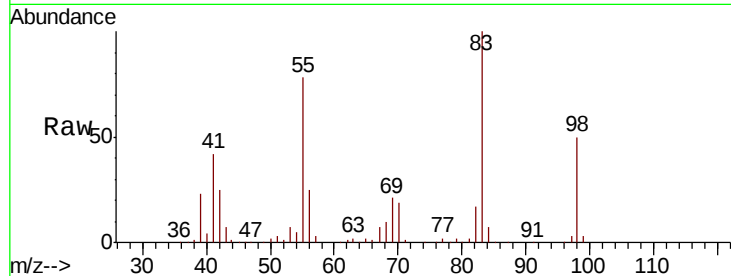




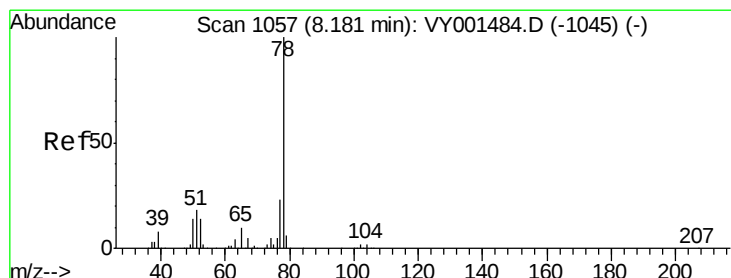
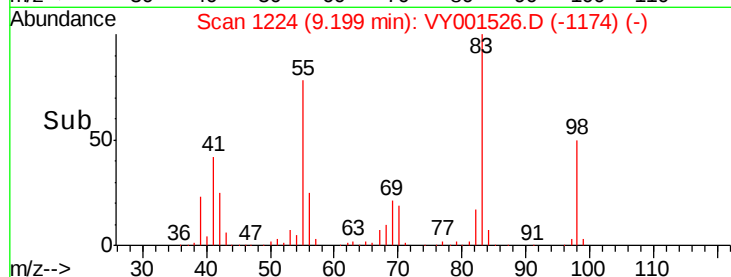
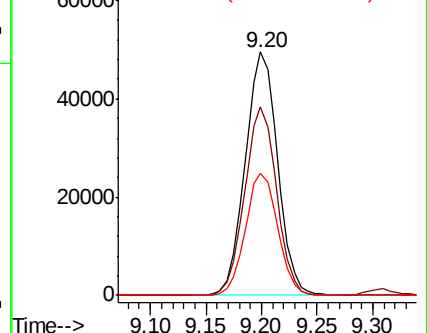
#39
Methvlcvclohexane
Concen: 21.279 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 100278
Ion Ratio Lower Upper
83 100
55 77.7 59.8 89.6
98 50.3 38.6 57.8

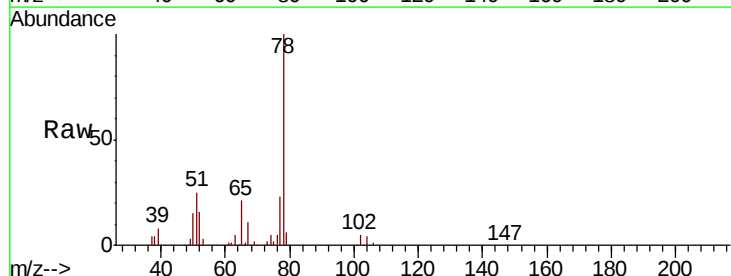


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

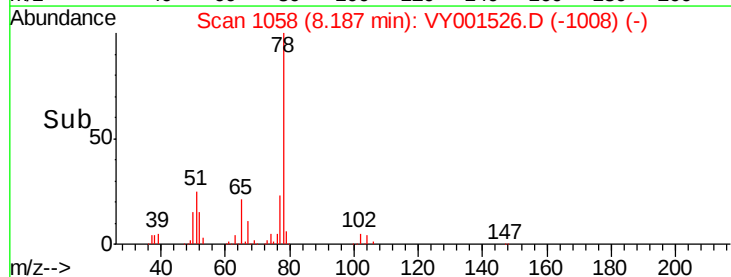
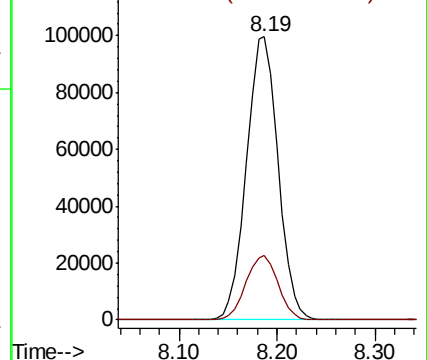


#40
Benzene
Concen: 21.876 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 78 Resp: 223323
Ion Ratio Lower Upper
78 100
77 22.7 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

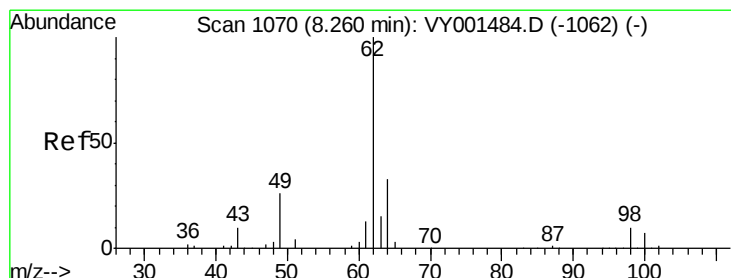
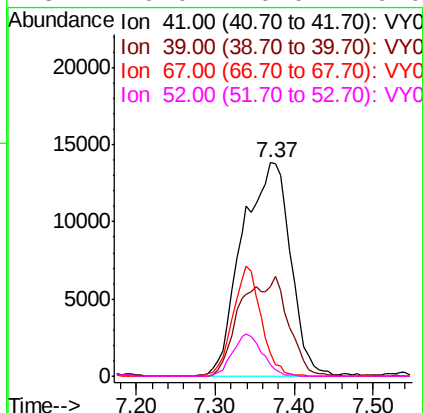
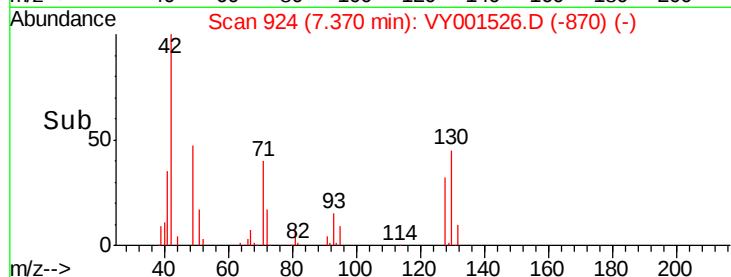
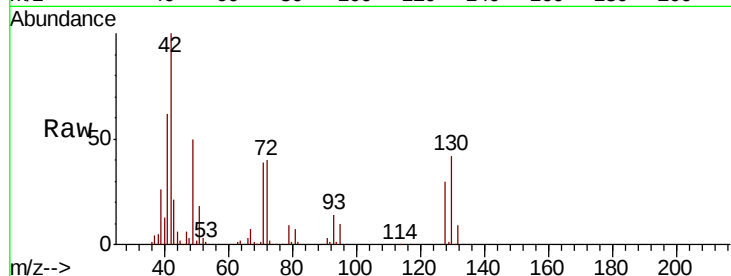




#41
Methacrylonitrile
Concen: 73.340 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

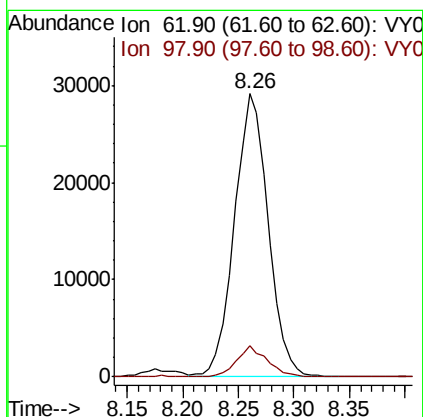
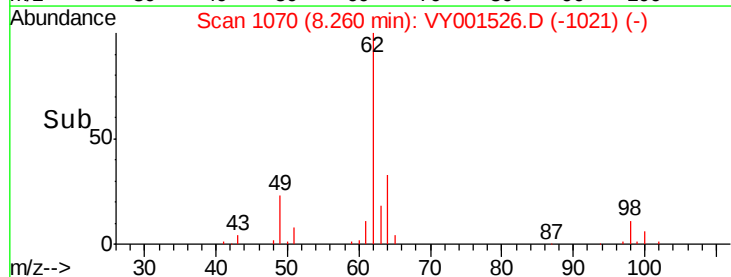
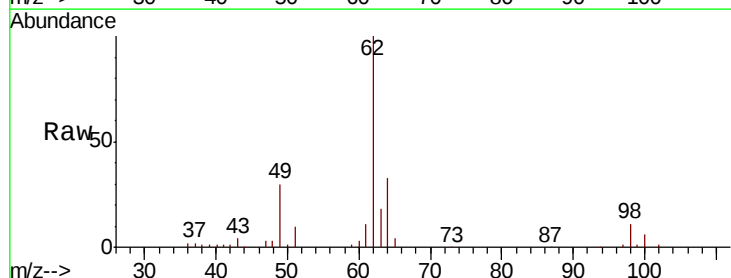
Instrument :
MSVOA_Y
ClientSampled :

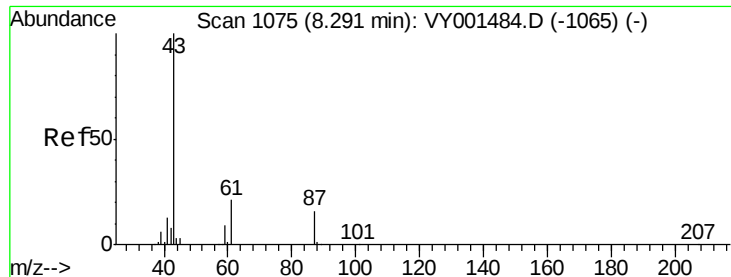
Tot Ion: 41 Resp: 58893
Ion Ratio Lower Upper
41 100
39 0.0 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.525 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 62 Resp: 61220
Ion Ratio Lower Upper
62 100
98 10.1 0.0 21.0



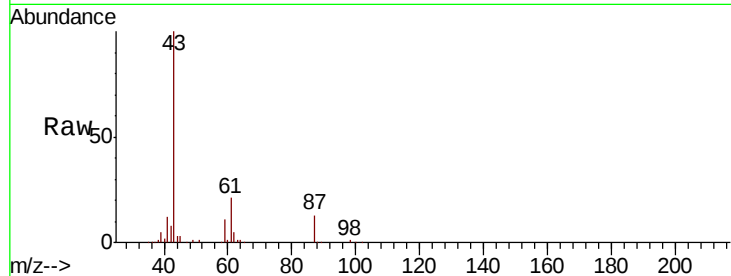


#43

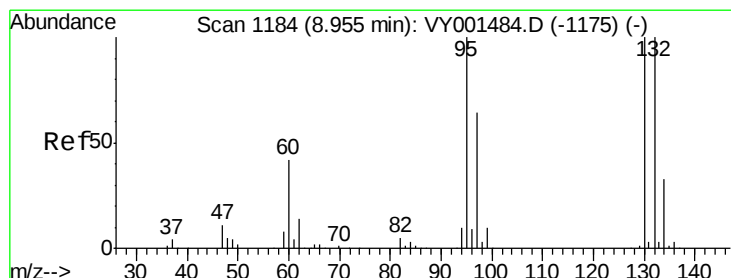
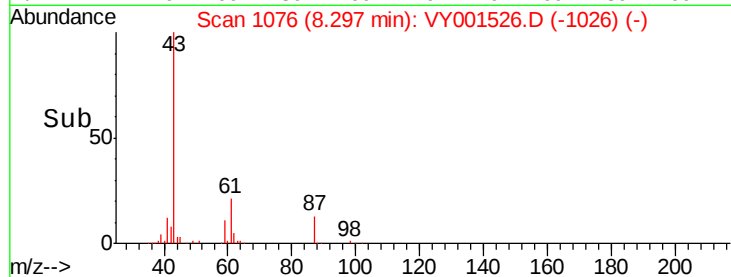
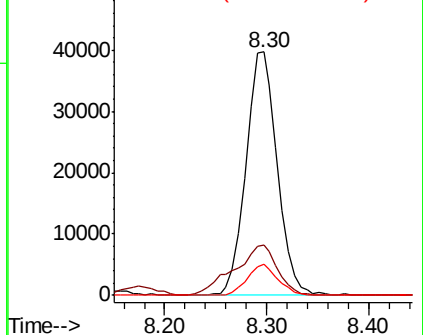
Isopropyl Acetate
 Concen: 24.617 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 43 Resp: 84450
 Ion Ratio Lower Upper
 43 100
 61 28.7 25.1 37.7
 87 12.6 12.6 19.0#



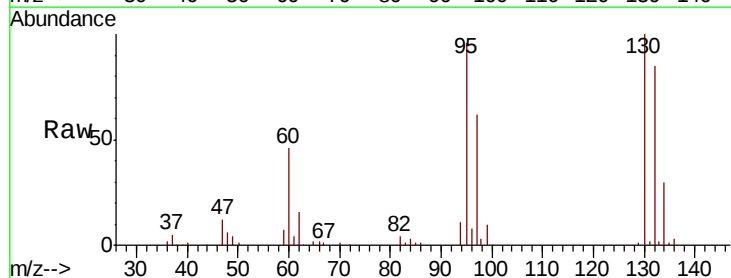
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



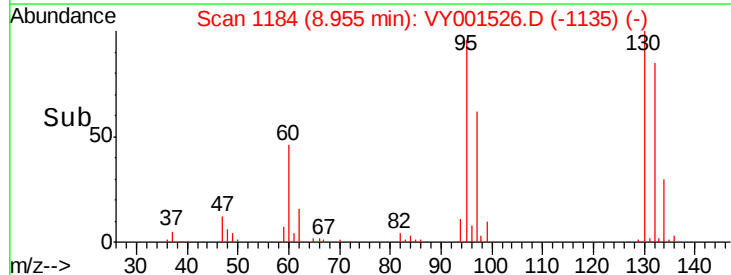
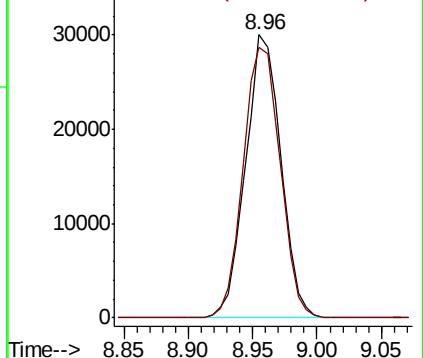
#44

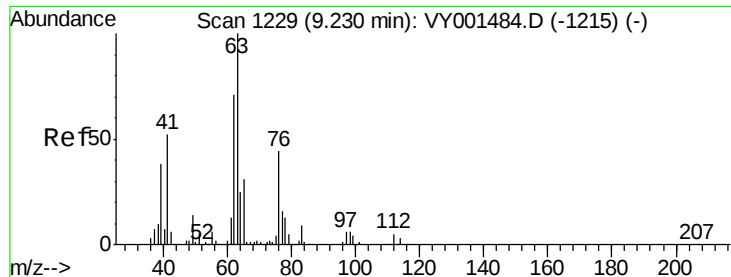
Trichloroethene
 Concen: 20.674 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion:130 Resp: 56888
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 199.2



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





#45

1,2-Dichloropropane

Concen: 22.516 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

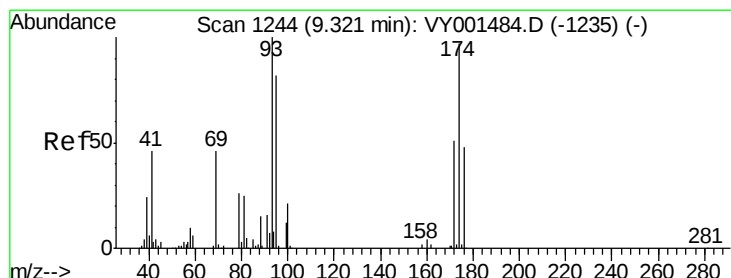
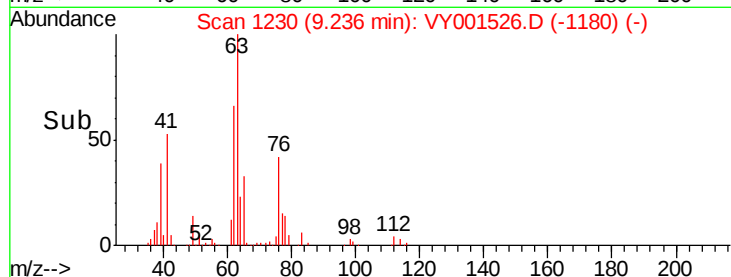
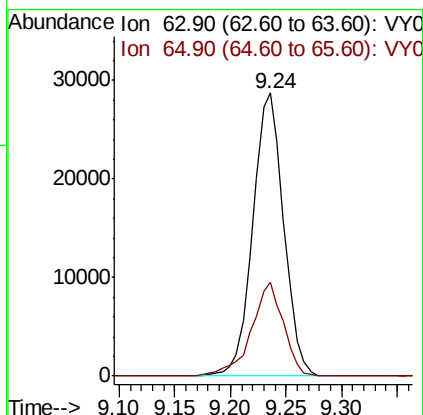
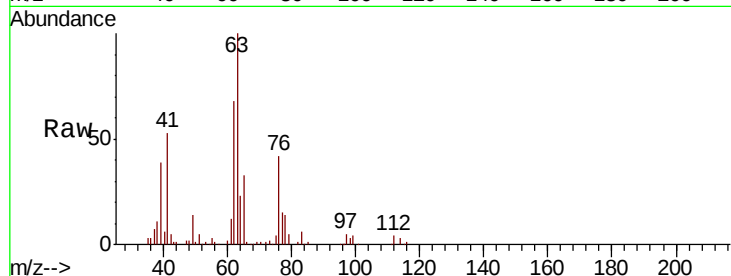
ClientSampleId :

Tot Ion: 63 Resp: 55505

Ion Ratio Lower Upper

63 100

65 33.0 25.0 37.4



#46

Dibromomethane

Concen: 21.415 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

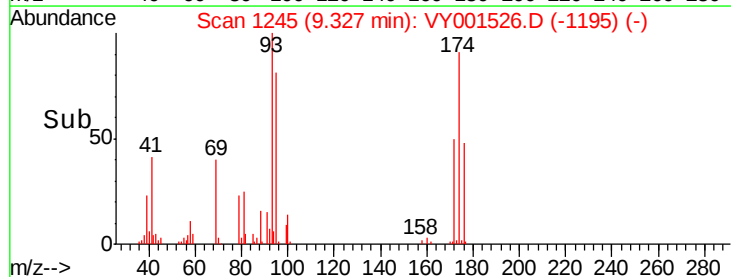
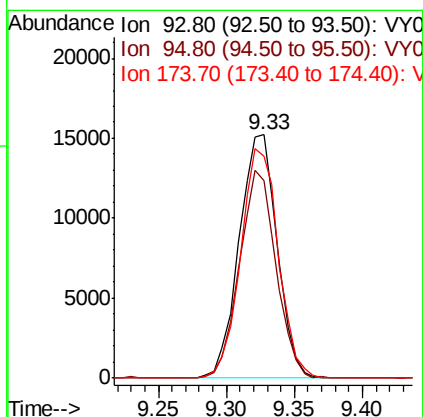
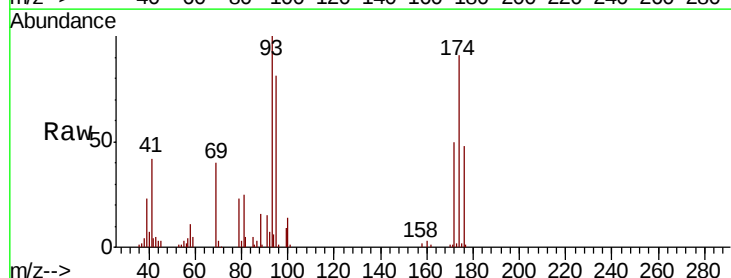
Tgt Ion: 93 Resp: 29644

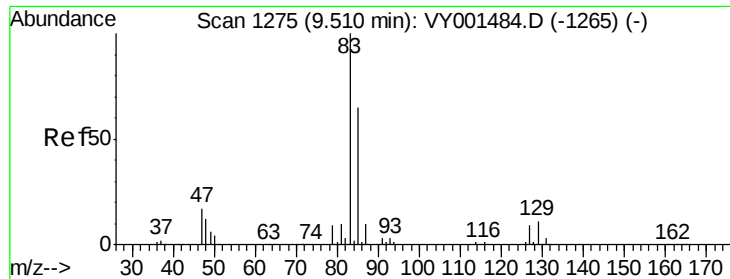
Ion Ratio Lower Upper

93 100

95 82.0 66.6 99.8

174 93.9 75.4 113.2





#47

Bromodichloromethane

Concen: 20.909 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

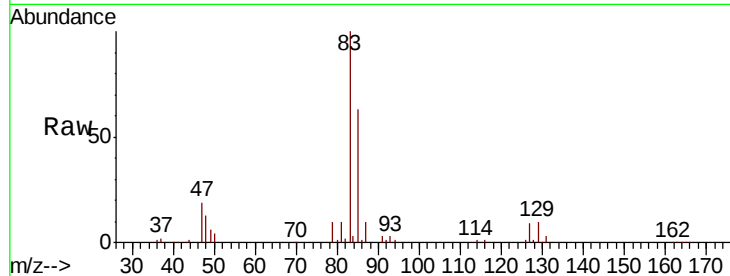
Tot Ion: 83 Resp: 70520

Ion Ratio Lower Upper

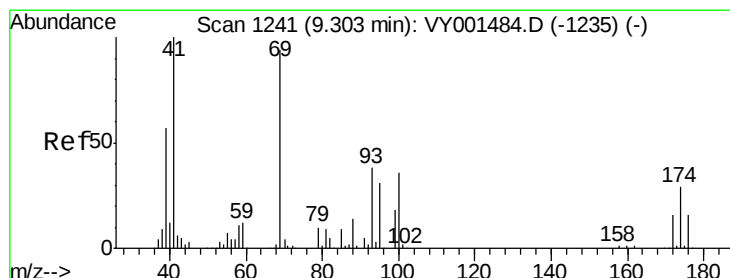
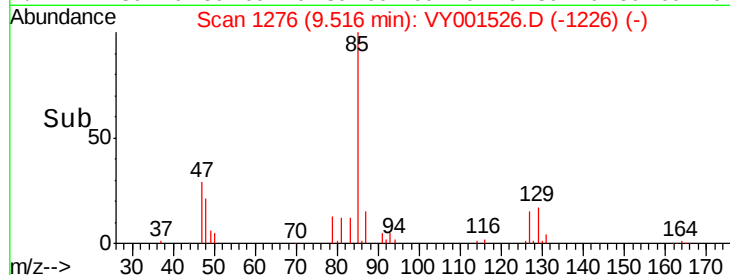
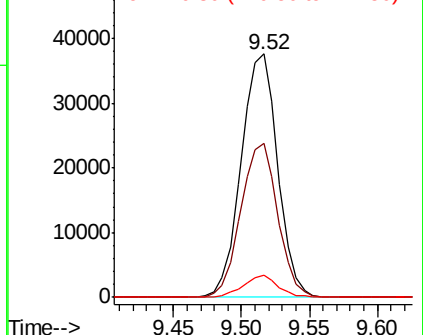
83 100

85 63.4 51.9 77.9

127 9.2 6.9 10.3



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



#48

Methyl methacrylate

Concen: 24.388 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

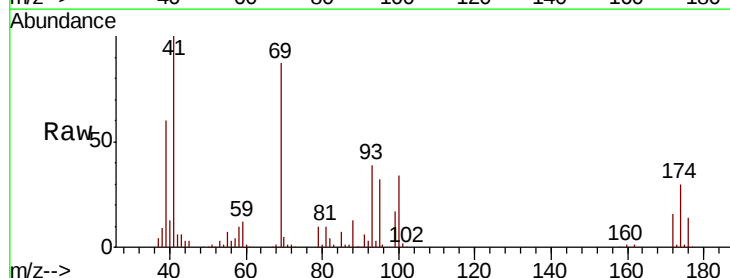
Tgt Ion: 41 Resp: 37972

Ion Ratio Lower Upper

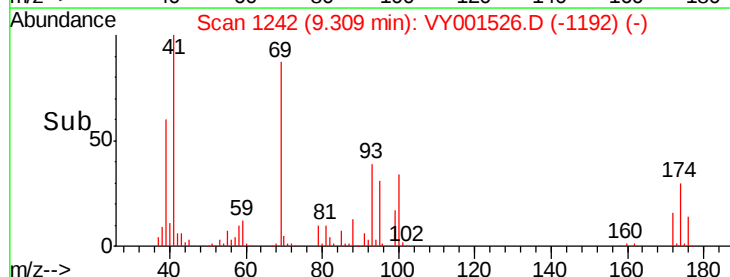
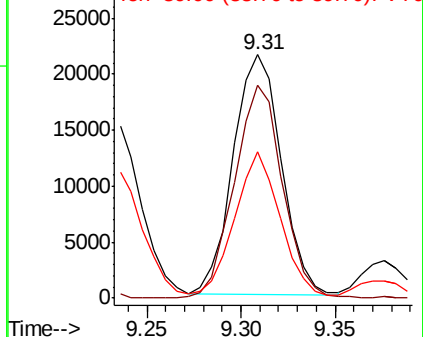
41 100

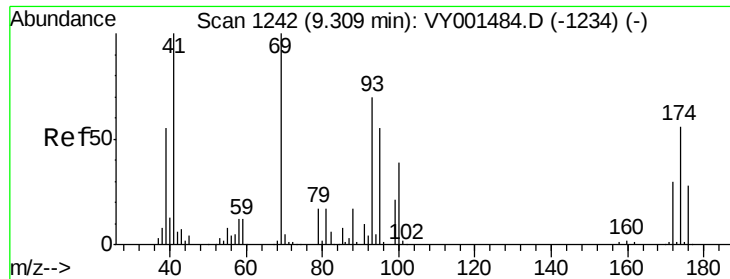
69 88.7 76.6 114.8

39 58.7 45.4 68.0



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

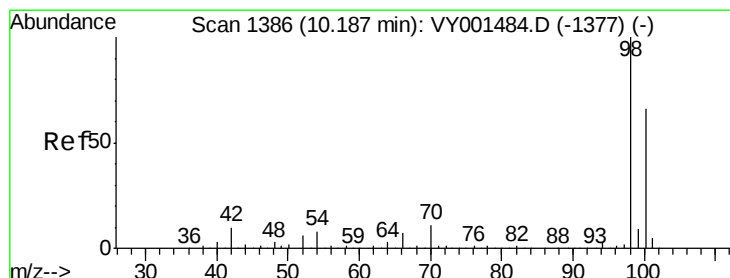
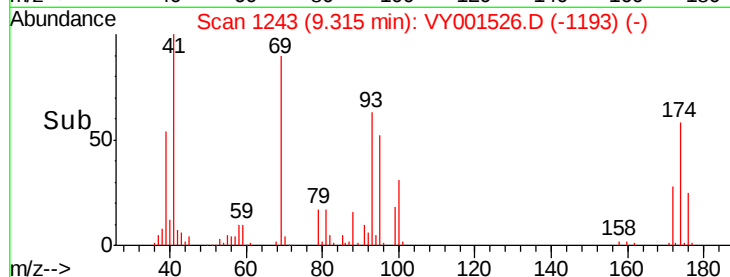
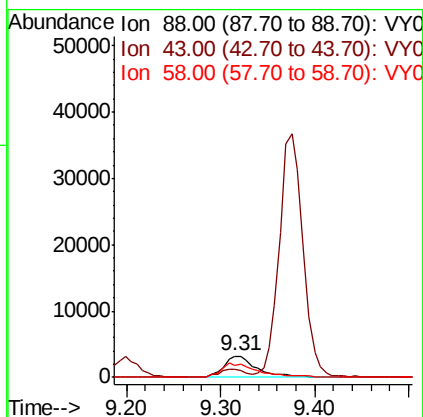
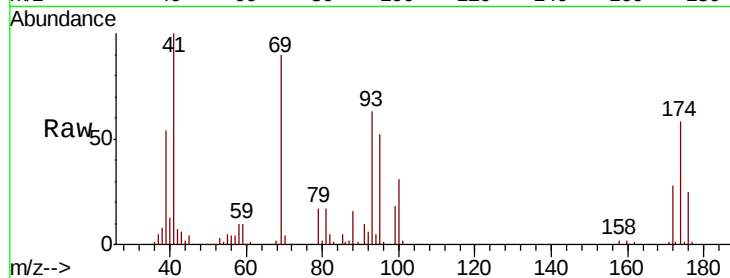




#49
1,4-Dioxane
Concen: 427.876 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

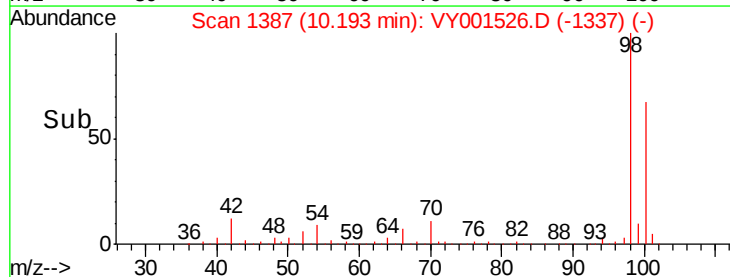
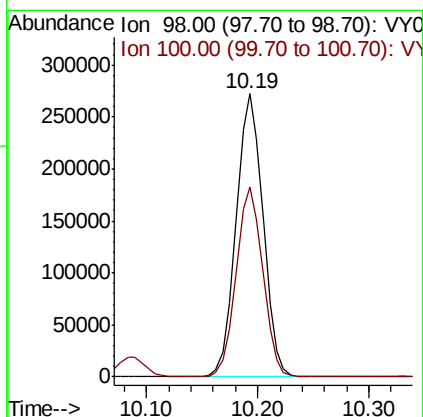
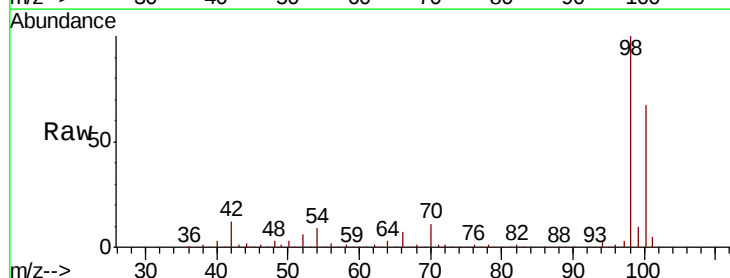
Instrument :
MSVOA_Y
ClientSampleId :

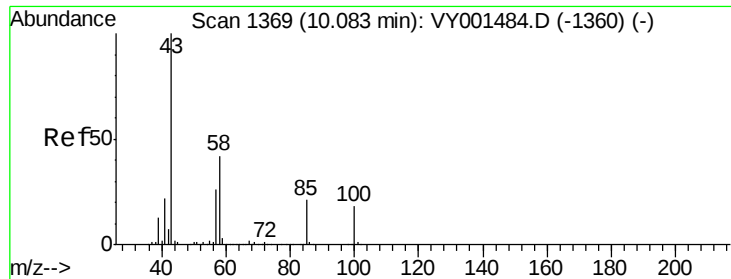
Tot Ion: 88 Resp: 7822
Ion Ratio Lower Upper
88 100
43 32.4 24.8 37.2
58 75.0 59.3 88.9



#50
Toluene-d8
Concen: 53.190 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 98 Resp: 454012
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 126.195 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

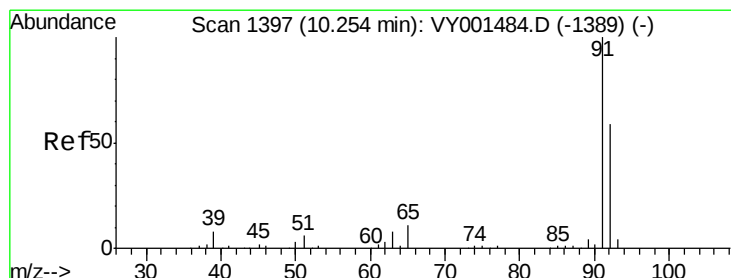
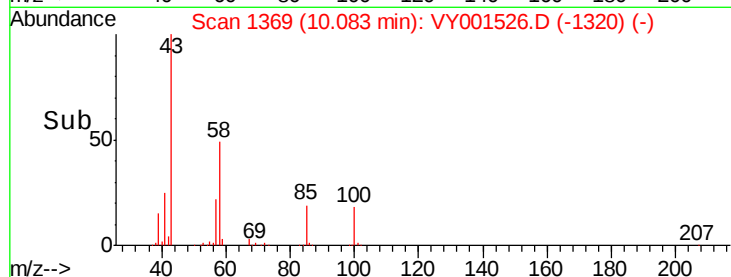
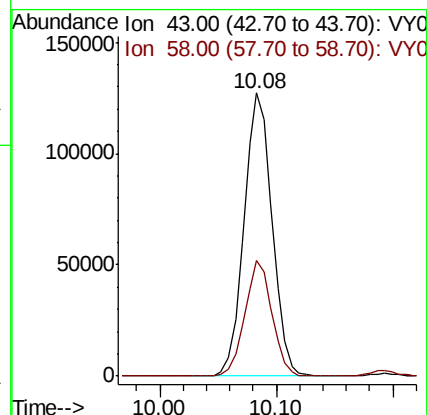
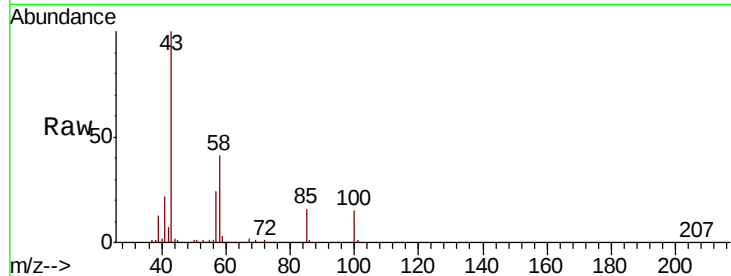
ClientSampled :

Tot Ion: 43 Resp: 213197

Ion Ratio Lower Upper

43 100

58 39.7 33.9 50.9



#52

Toluene

Concen: 21.478 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001526.D

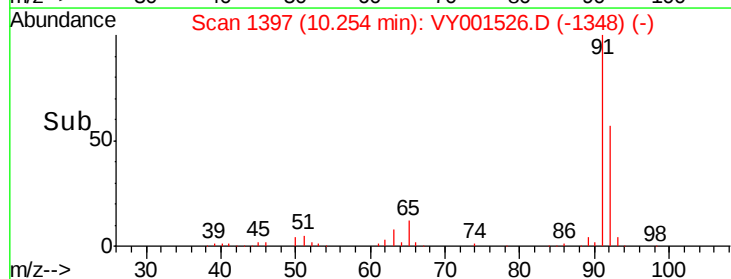
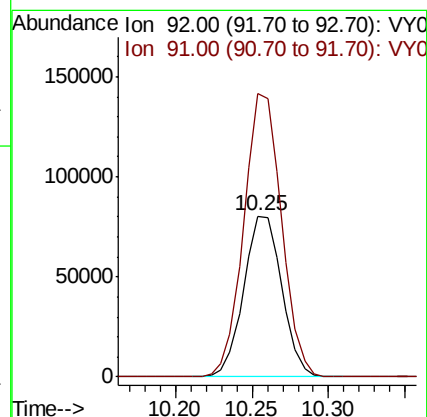
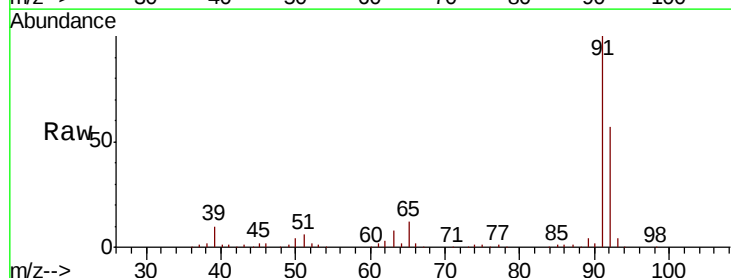
Acq: 06 Feb 2020 13:36

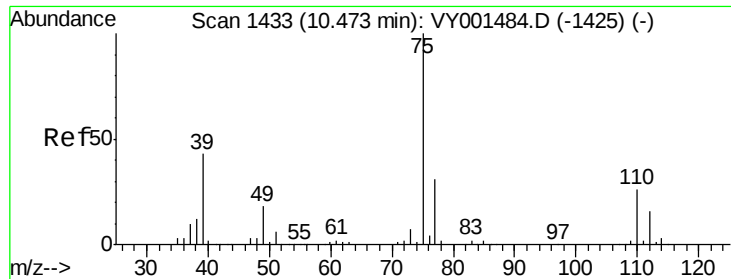
Tgt Ion: 92 Resp: 139123

Ion Ratio Lower Upper

92 100

91 174.6 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 21.011 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

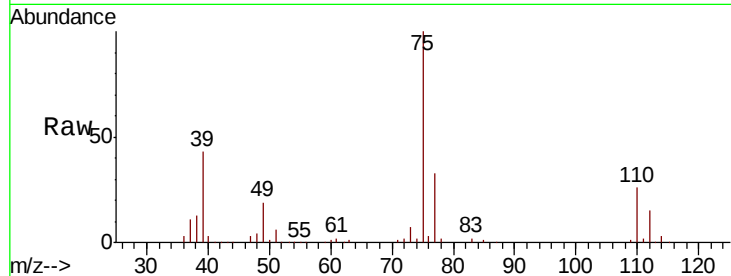
ClientSampled :

Tot Ion: 75 Resp: 77184

Ion Ratio Lower Upper

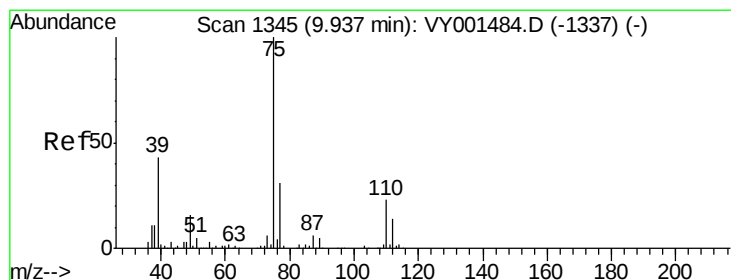
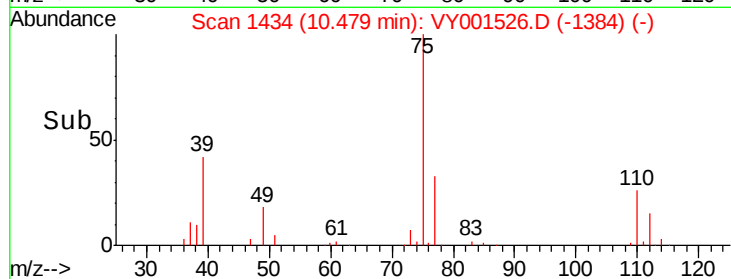
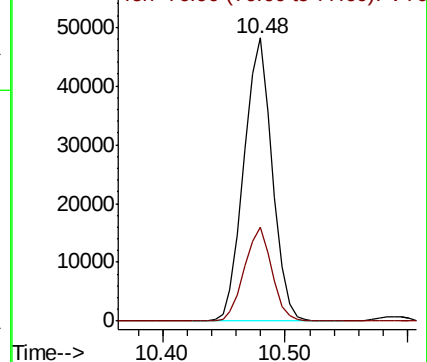
75 100

77 32.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.489 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

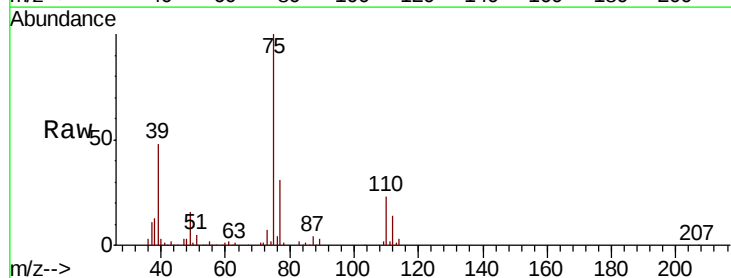
Tgt Ion: 75 Resp: 90626

Ion Ratio Lower Upper

75 100

77 30.7 24.7 37.1

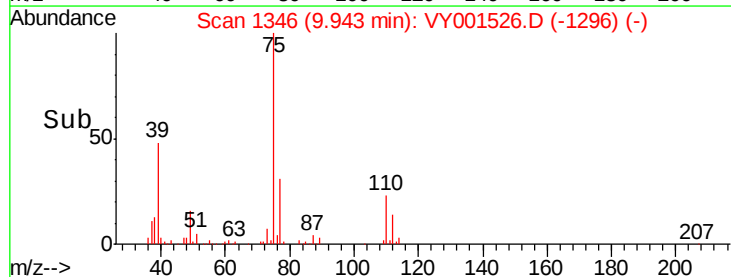
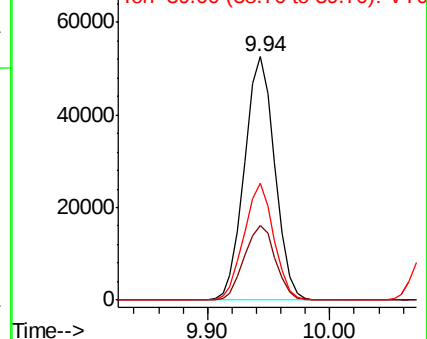
39 47.8 34.0 51.0

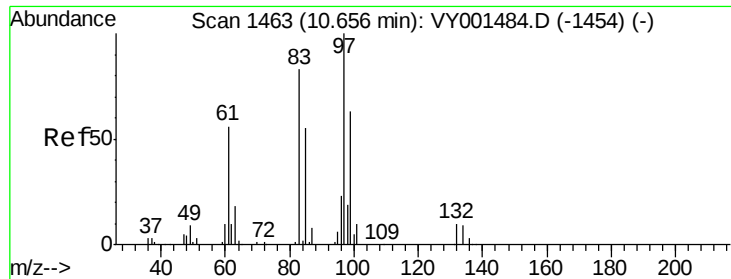


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 21.630 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 42958

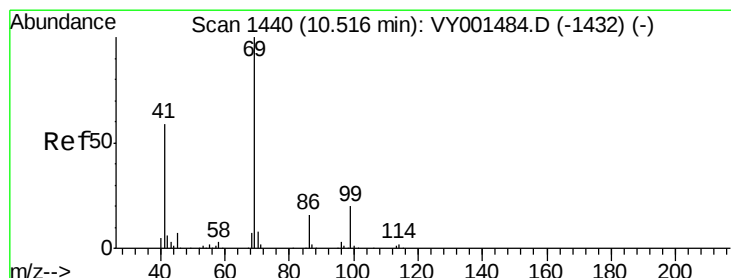
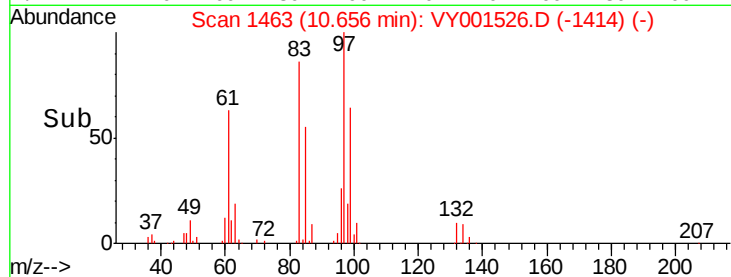
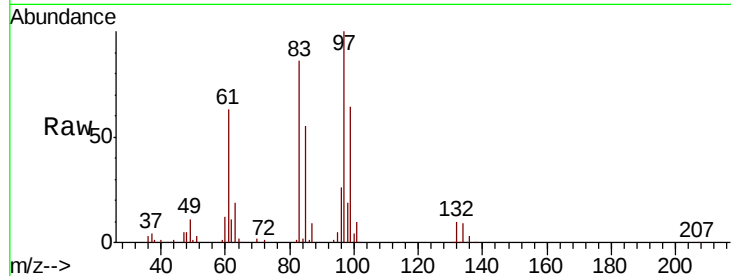
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.2	99.2
85	54.2	43.8	65.6
99	63.8	50.1	75.1

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: 22.471 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

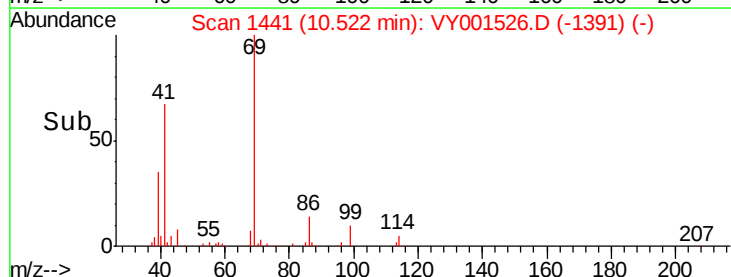
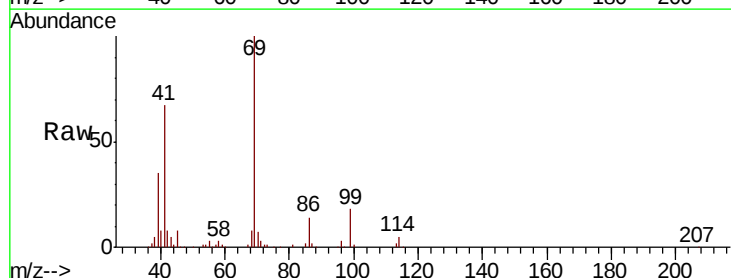
Tgt Ion: 69 Resp: 63477

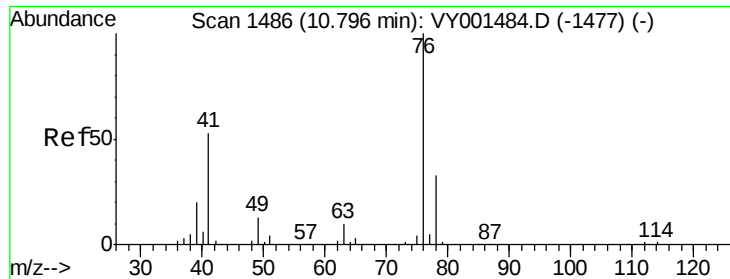
Ion	Ratio	Lower	Upper
69	100		
41	66.7	47.8	71.8
39	34.6	24.4	36.6

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: 21.690 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

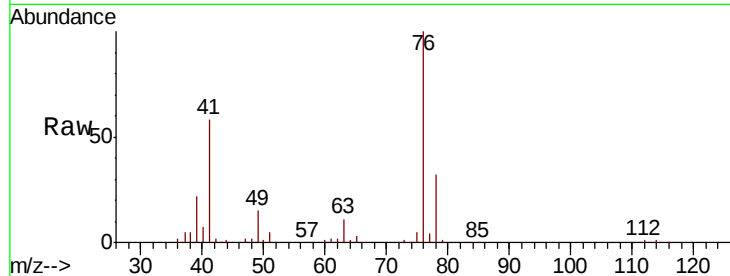
ClientSampled :

Tot Ion: 76 Resp: 75937

Ion Ratio Lower Upper

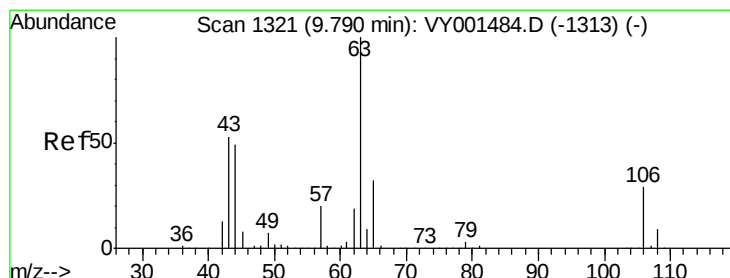
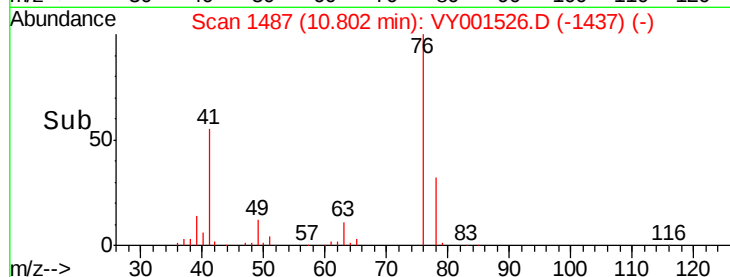
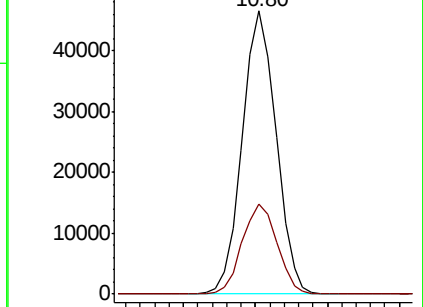
76 100

78 32.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY001484.D (-1477) (-)

Ion 77.90 (77.60 to 78.60): VY001484.D (-1477) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 107.663 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY001526.D

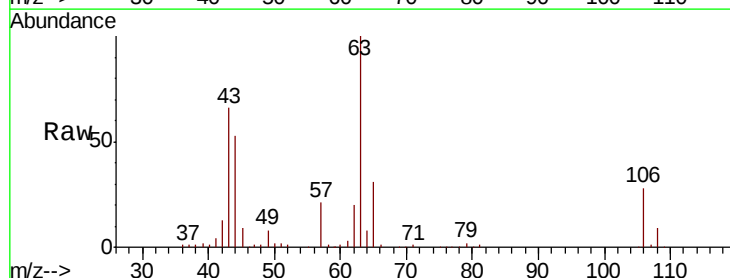
Acq: 06 Feb 2020 13:36

Tgt Ion: 63 Resp: 111881

Ion Ratio Lower Upper

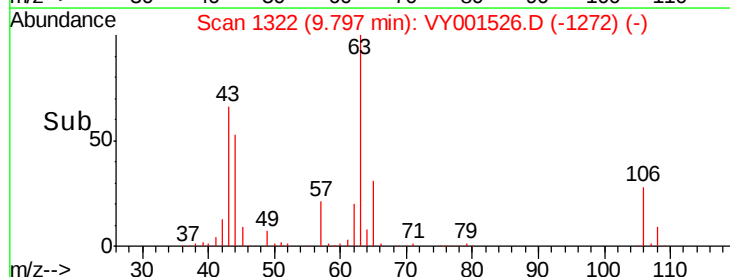
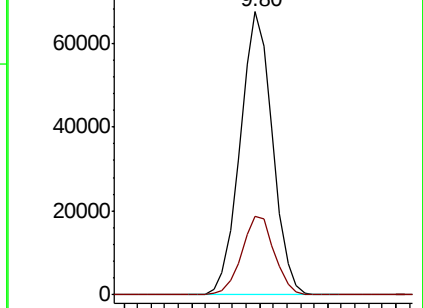
63 100

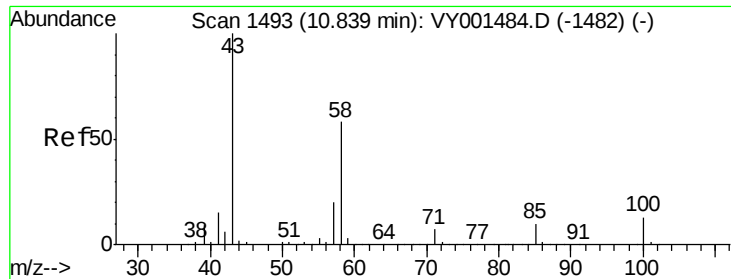
106 28.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY001484.D (-1313) (-)

Ion 105.90 (105.60 to 106.60): VY001484.D (-1313) (-)

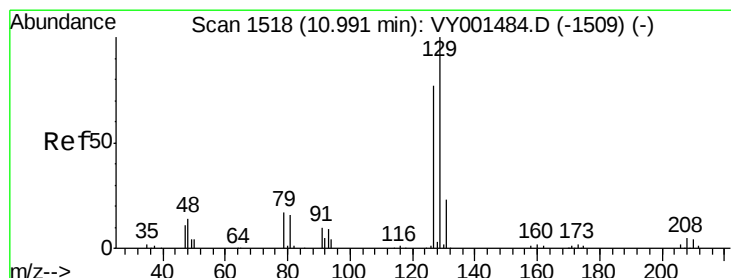
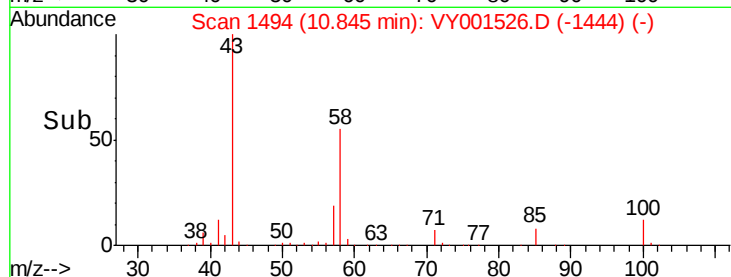
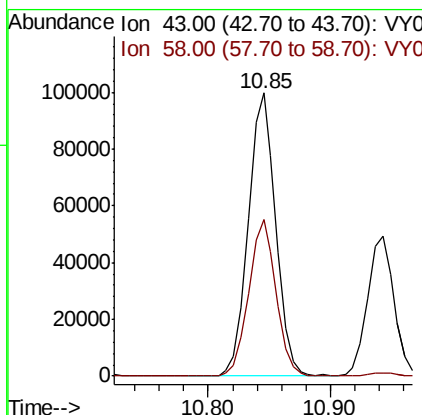
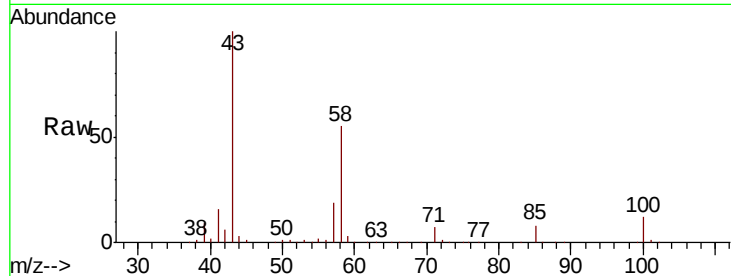




#59
2-Hexanone
Concen: 126.695 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

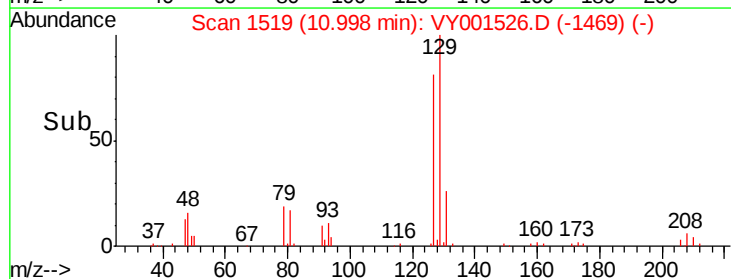
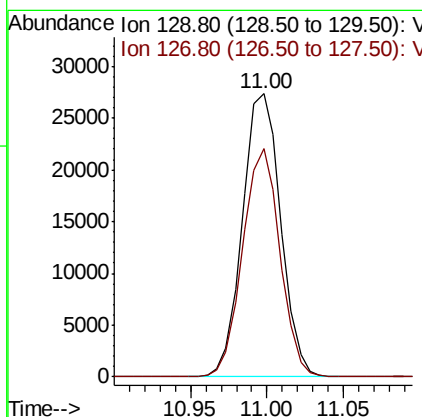
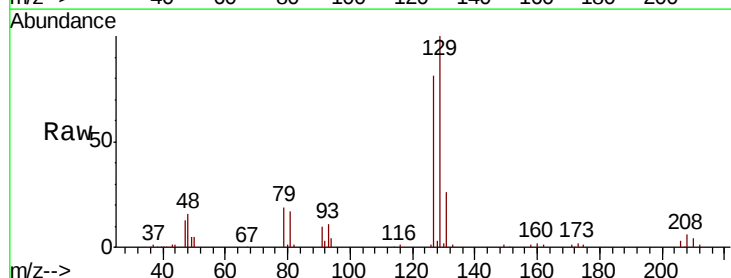
Instrument :
MSVOA_Y
ClientSampled :

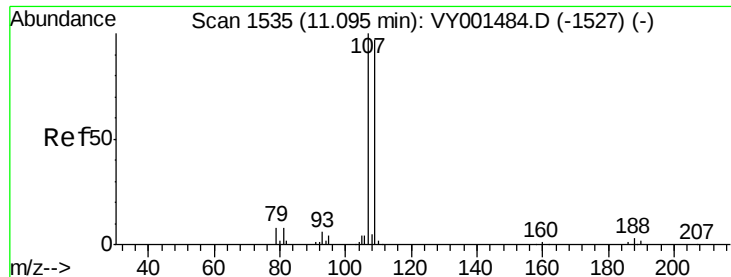
Tot Ion: 43 Resp: 155627
Ion Ratio Lower Upper
43 100
58 54.8 29.0 87.0



#60
Dibromochloromethane
Concen: 20.333 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 129 Resp: 47601
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

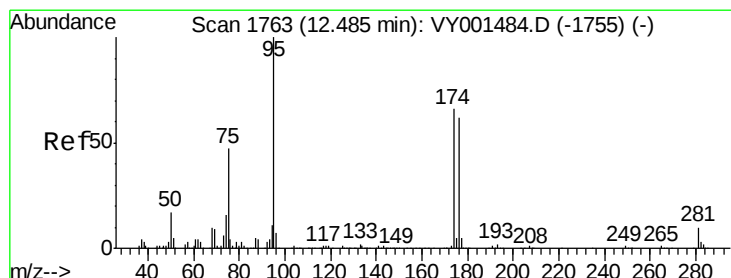
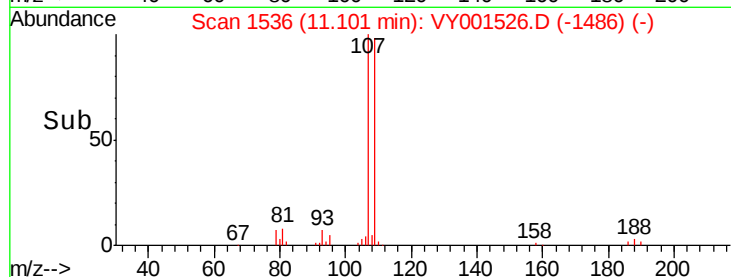
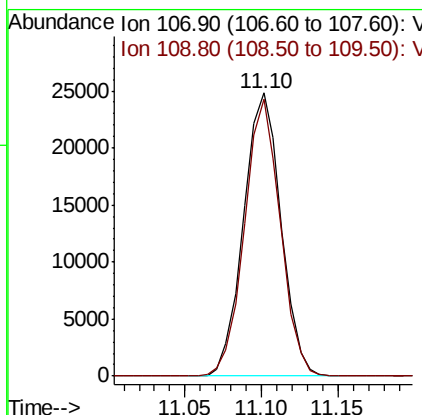
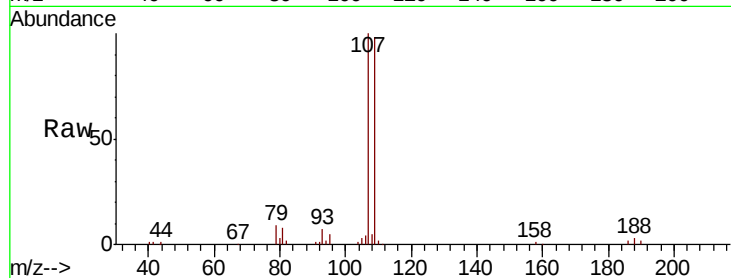




#61
 1,2-Dibromoethane
 Concen: 21.537 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

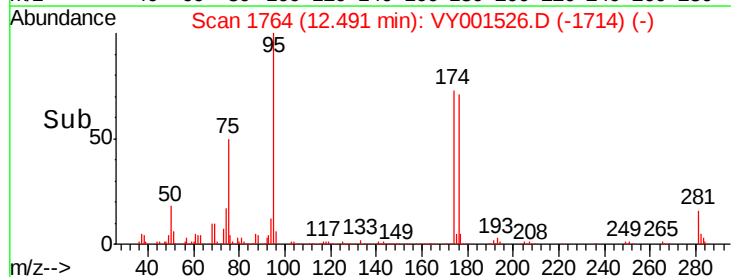
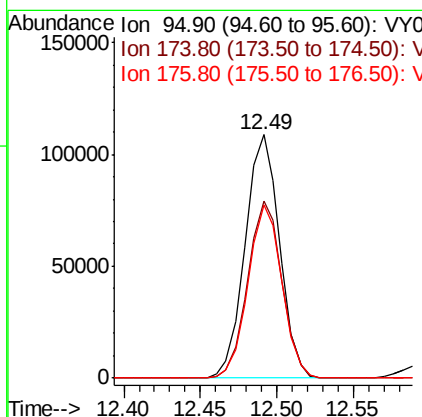
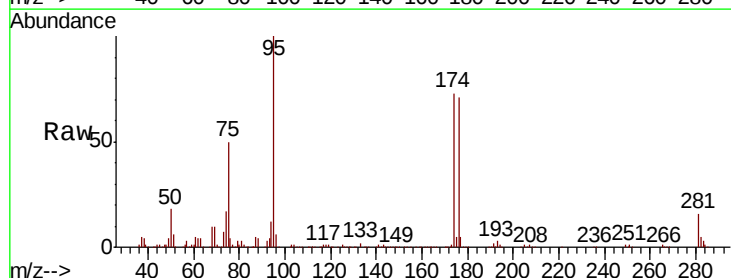
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 107 Resp: 42129
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 50.419 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion: 95 Resp: 169538
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 141.4
 176 70.0 0.0 135.4

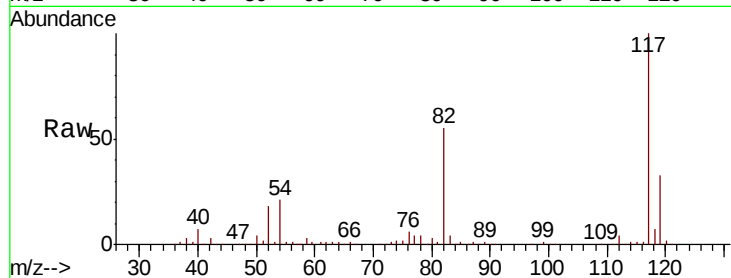




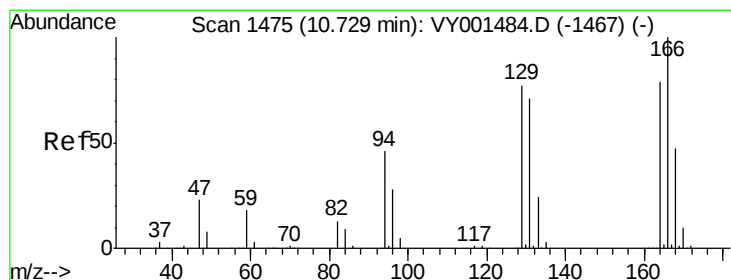
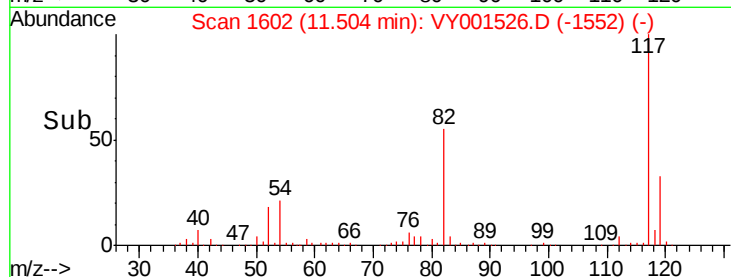
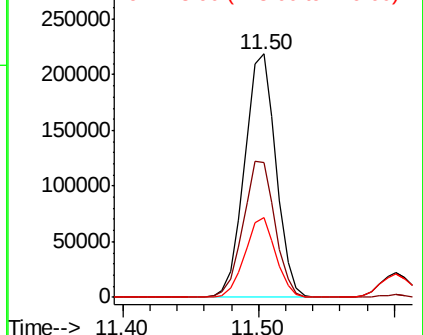
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 353552
Ion Ratio Lower Upper
117 100
82 55.5 46.1 69.1
119 32.6 26.1 39.1

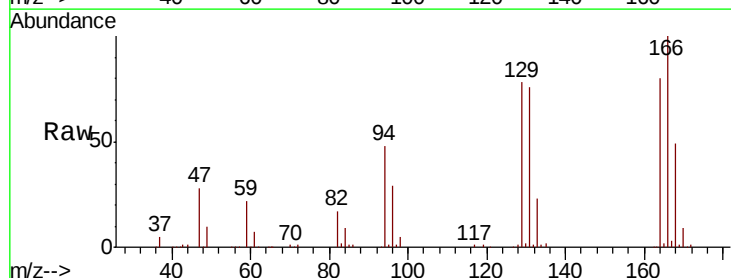


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

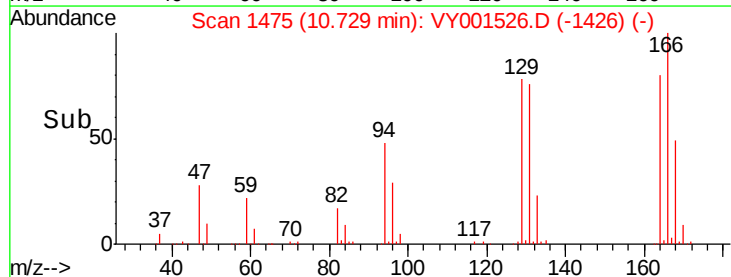
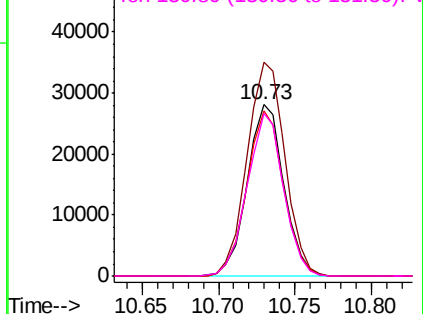


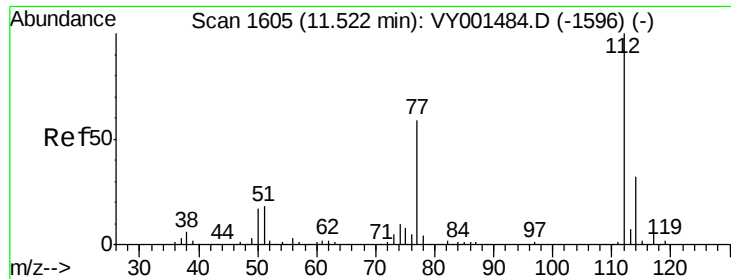
#64
Tetrachloroethene
Concen: 20.091 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion:164 Resp: 46584
Ion Ratio Lower Upper
164 100
166 124.7 100.8 151.2
129 96.7 77.8 116.6
131 95.1 72.0 108.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

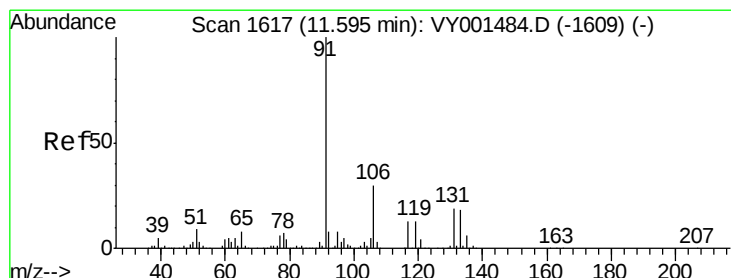
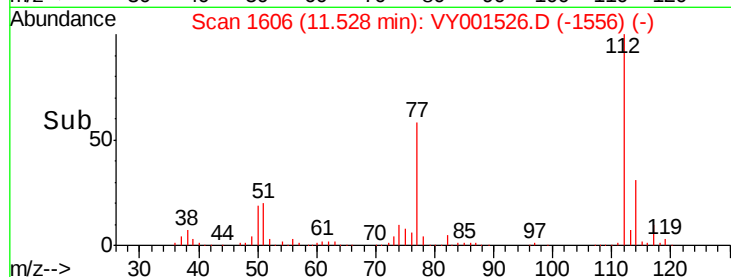
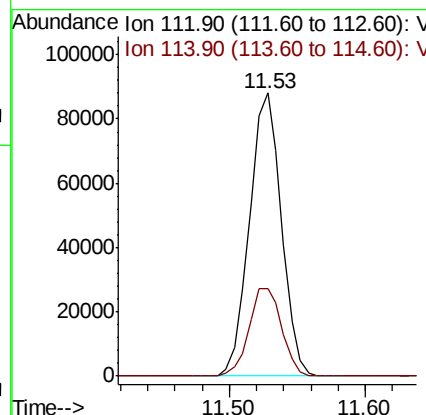
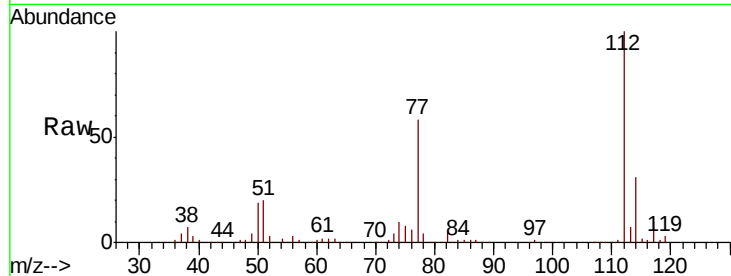




#65
Chlorobenzene
Concen: 20.821 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

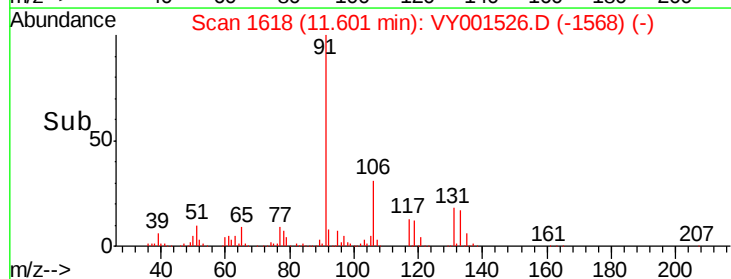
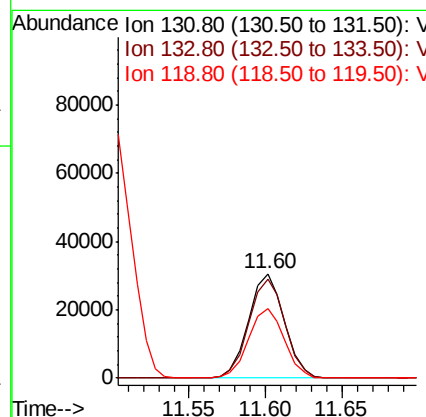
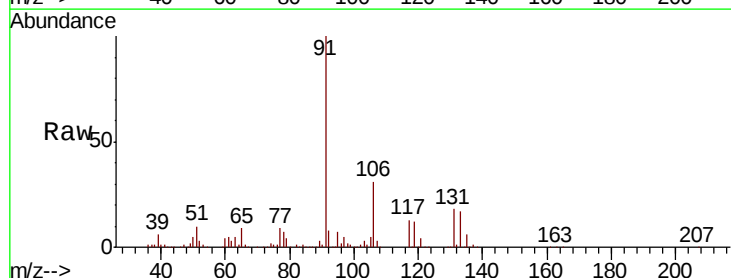
Instrument :
MSVOA_Y
ClientSampled :

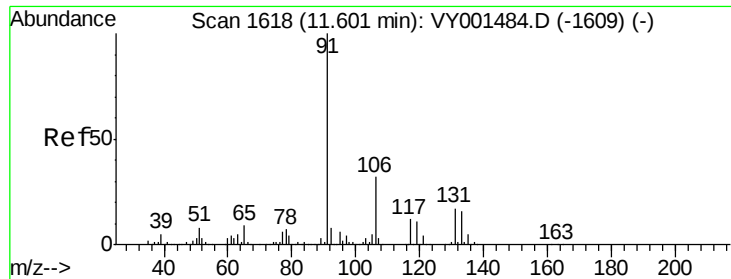
Tot Ion:112 Resp: 144539
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.282 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion:131 Resp: 49277
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.8
119 67.4 33.7 101.0

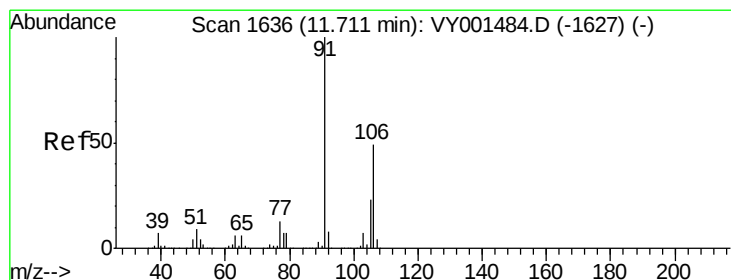
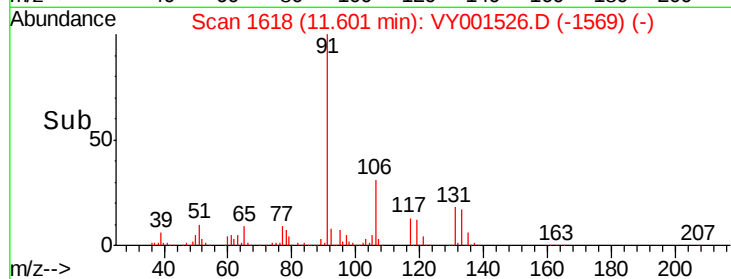
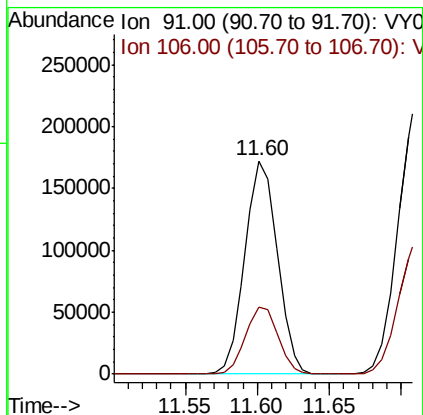
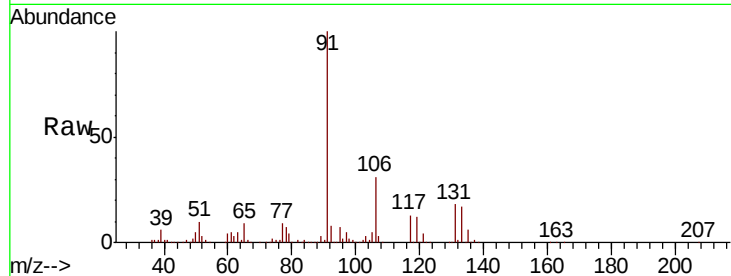




#67
Ethyl Benzene
Concen: 20.992 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

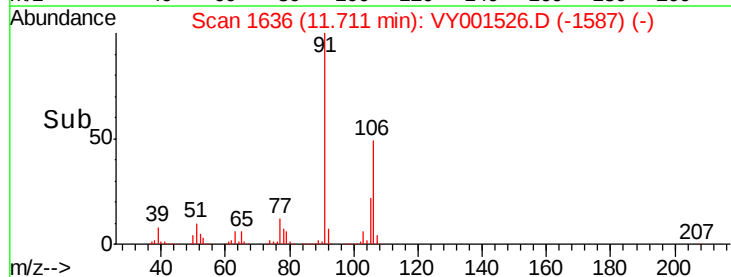
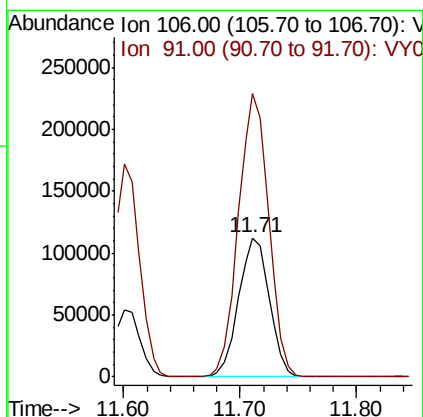
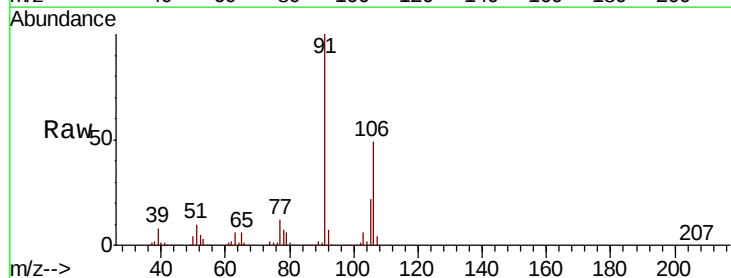
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 269444
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 42.875 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 106 Resp: 206595
Ion Ratio Lower Upper
106 100
91 200.8 163.6 245.4

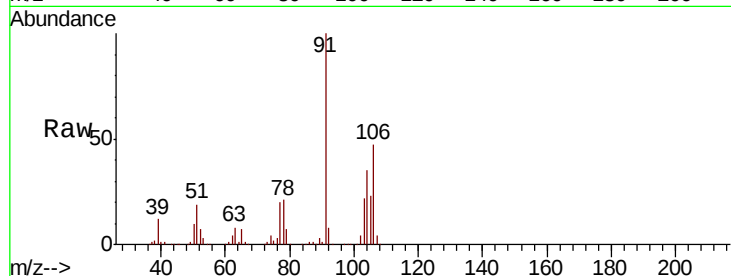




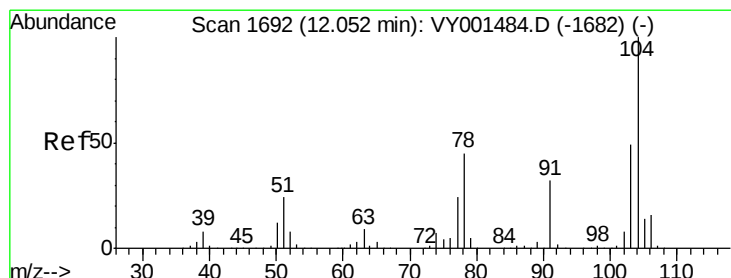
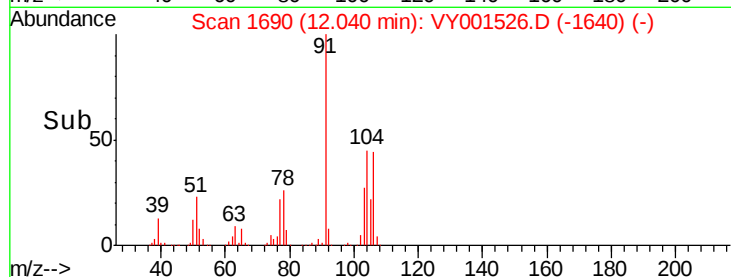
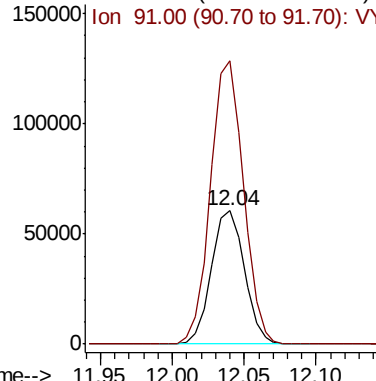
#69
o-Xylene
Concen: 21.254 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 96561
Ion Ratio Lower Upper
106 100
91 212.0 106.0 318.0

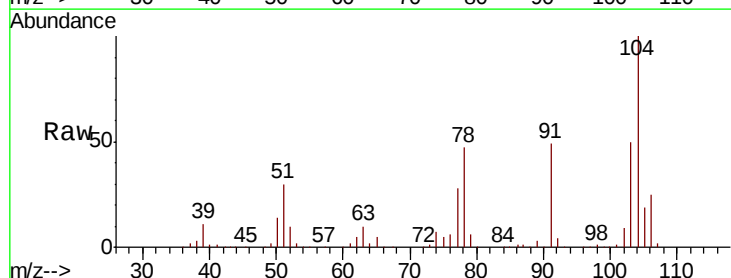


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

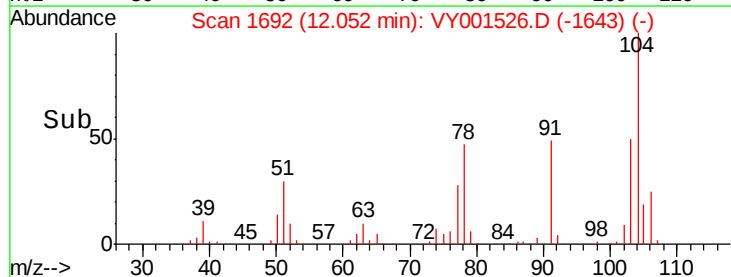
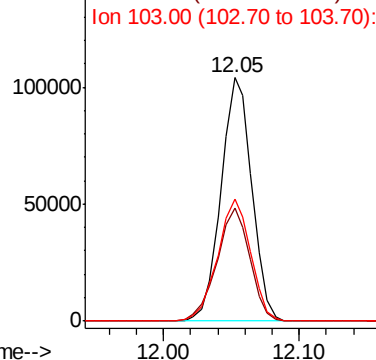


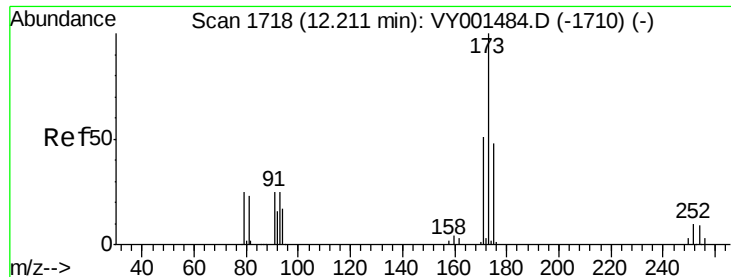
#70
Styrene
Concen: 21.077 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion:104 Resp: 165593
Ion Ratio Lower Upper
104 100
78 49.5 40.4 60.6
103 53.8 42.8 64.2



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





#71

Bromoform

Concen: 21.250 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

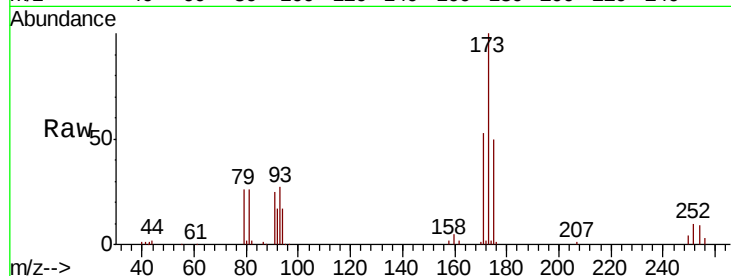
Tot Ion:173 Resp: 28749

Ion Ratio Lower Upper

173 100

175 47.9 24.0 72.0

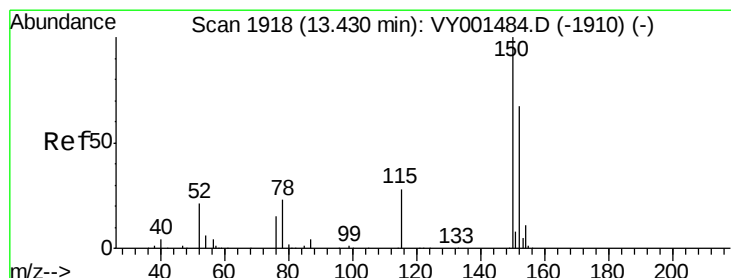
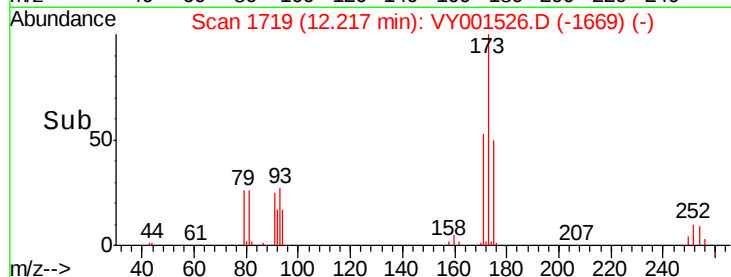
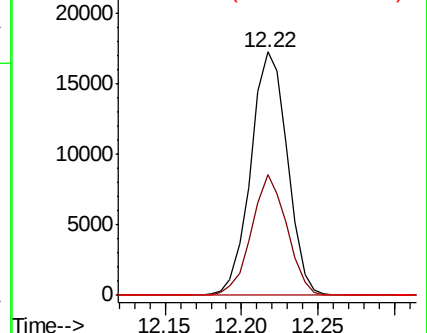
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

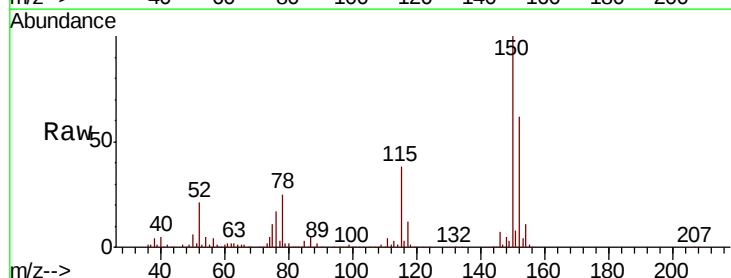
Tgt Ion:152 Resp: 169133

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.3

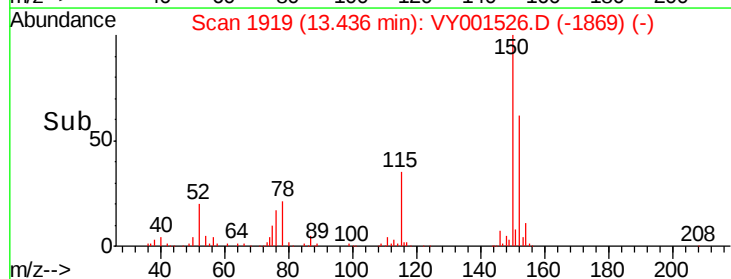
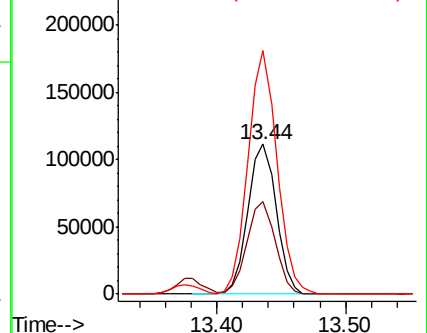
150 165.4 0.0 346.8

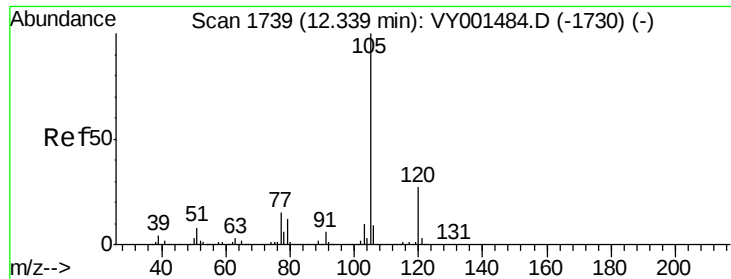


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

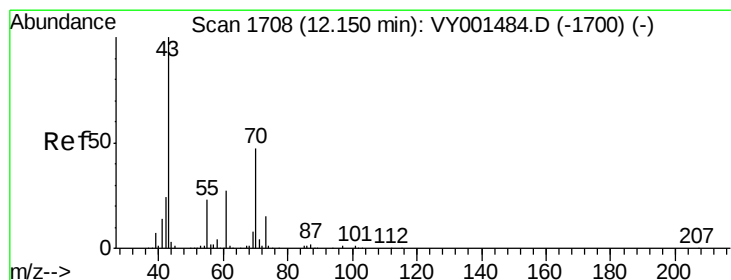
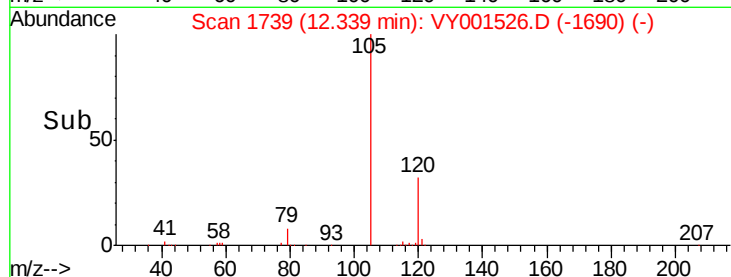
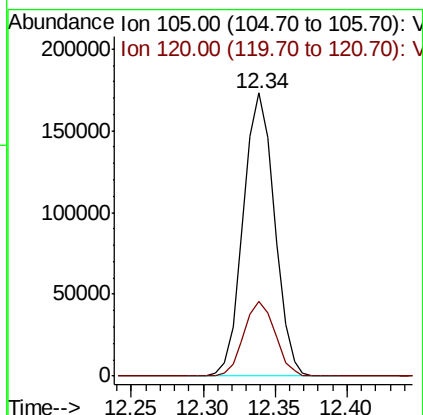
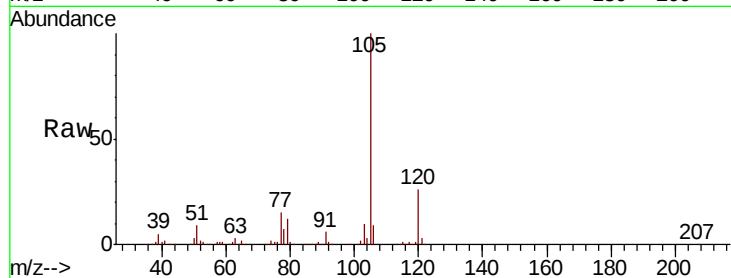




#73
Isopropylbenzene
Concen: 20.170 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

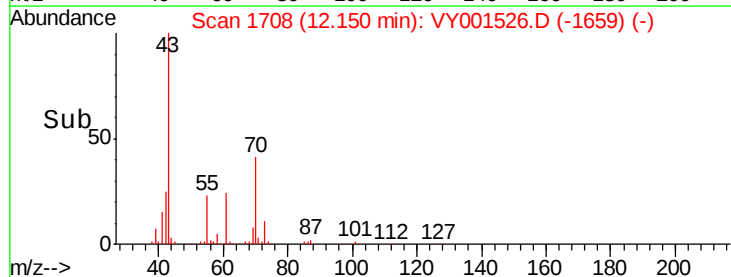
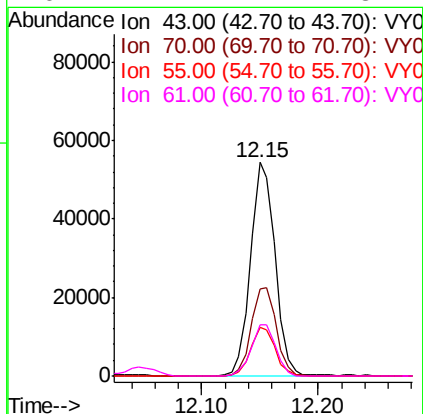
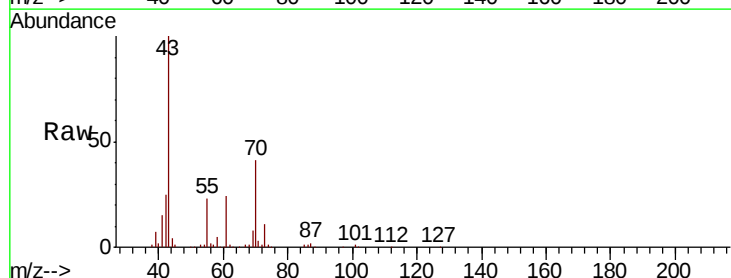
Instrument :
MSVOA_Y
ClientSampleId :

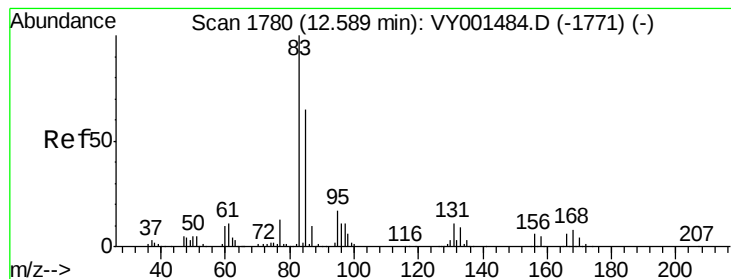
Tot Ion:105 Resp: 260183
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 23.888 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 43 Resp: 80072
Ion Ratio Lower Upper
43 100
70 42.1 37.2 55.8
55 22.6 18.8 28.2
61 24.4 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.656 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

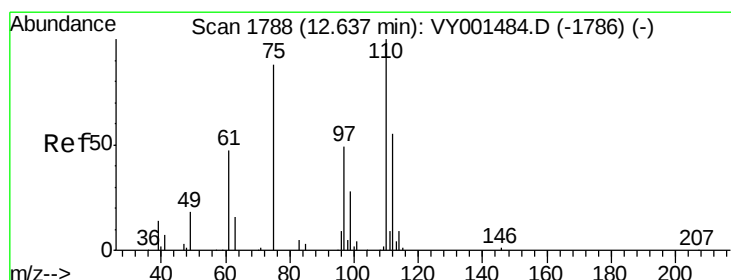
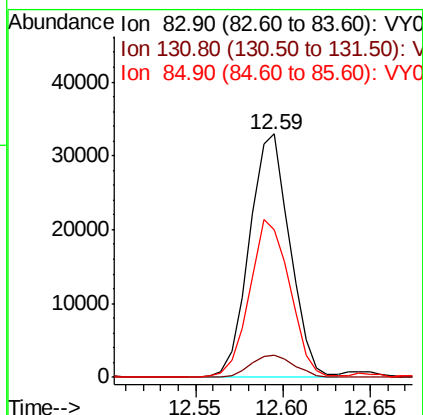
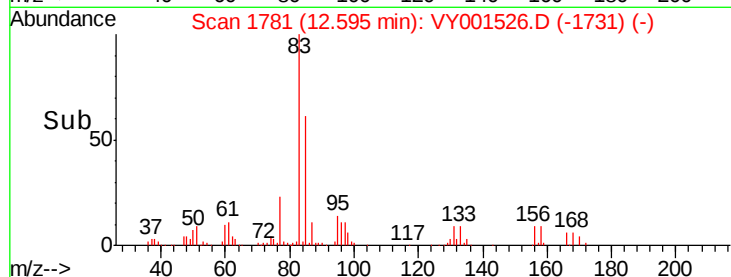
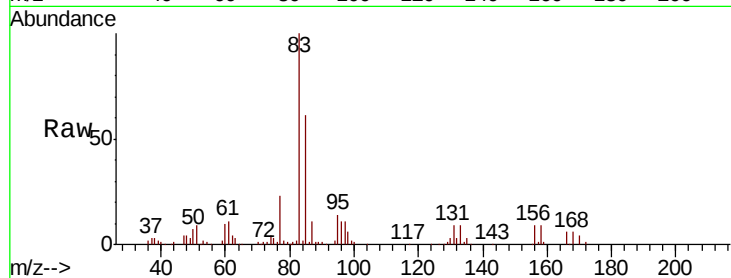
Tot Ion: 83 Resp: 53074

Ion Ratio Lower Upper

83 100

131 9.8 5.4 16.2

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 39.025 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001526.D

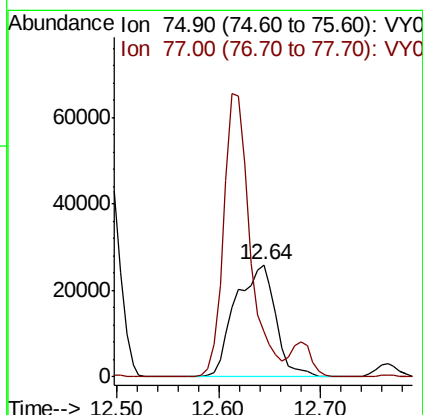
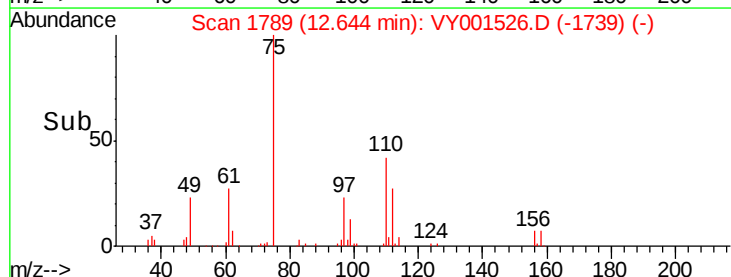
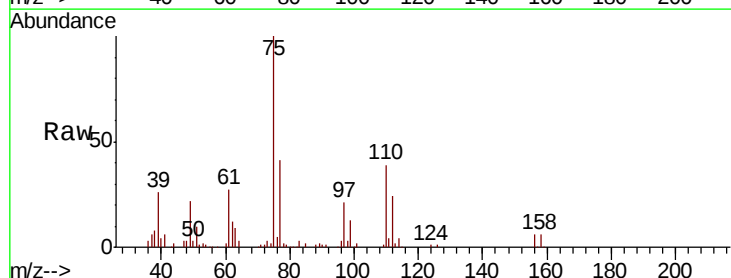
Acq: 06 Feb 2020 13:36

Tgt Ion: 75 Resp: 70982

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.154 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

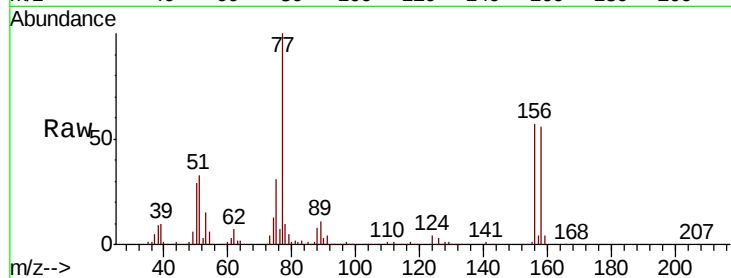
Tot Ion:156 Resp: 56262

Ion Ratio Lower Upper

156 100

77 210.5 99.8 299.3

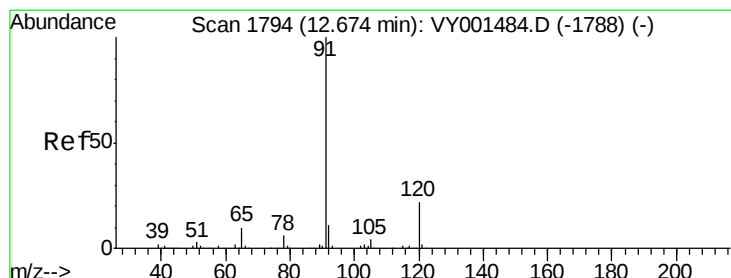
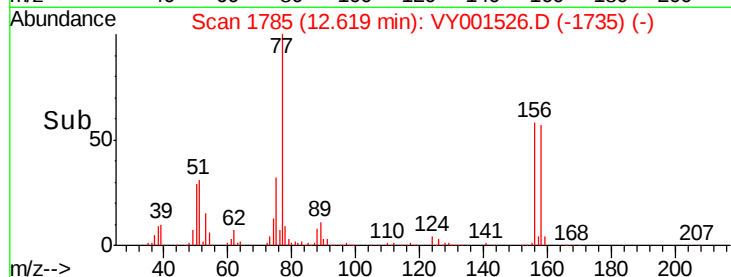
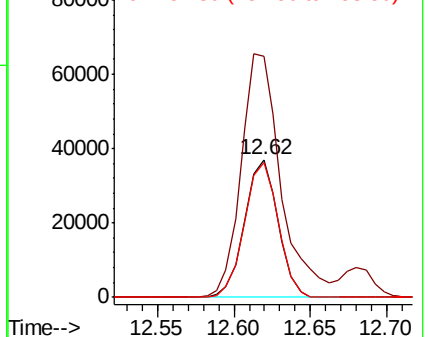
158 99.4 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.722 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001526.D

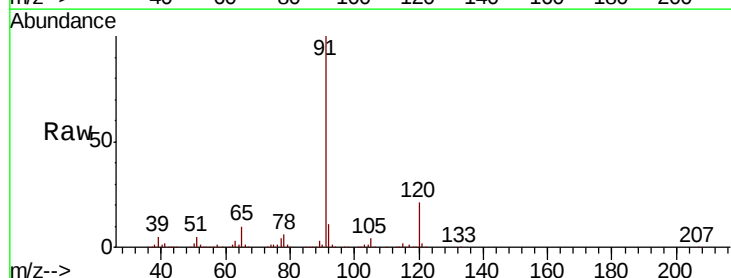
Acq: 06 Feb 2020 13:36

Tgt Ion: 91 Resp: 320006

Ion Ratio Lower Upper

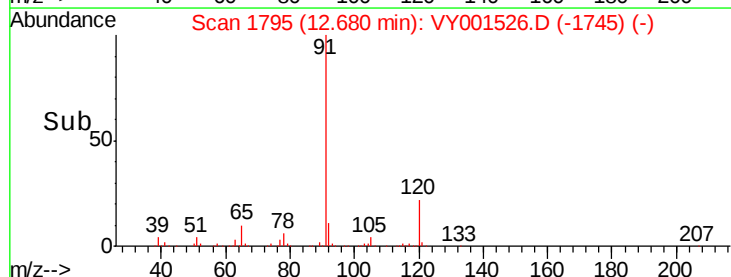
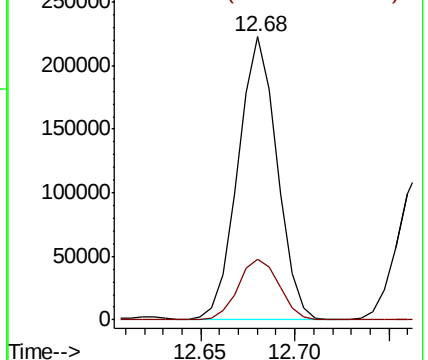
91 100

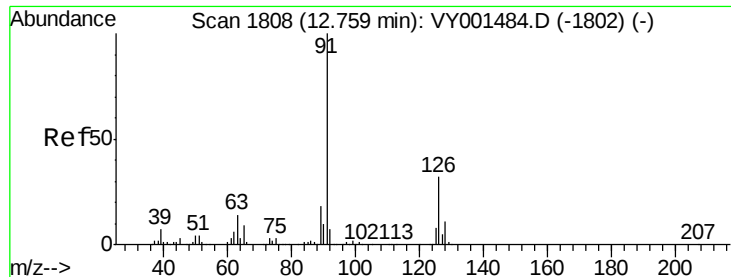
120 22.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.291 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

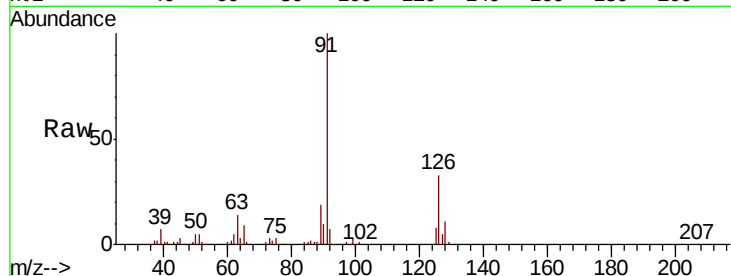
ClientSampleId :

Tot Ion: 91 Resp: 178614

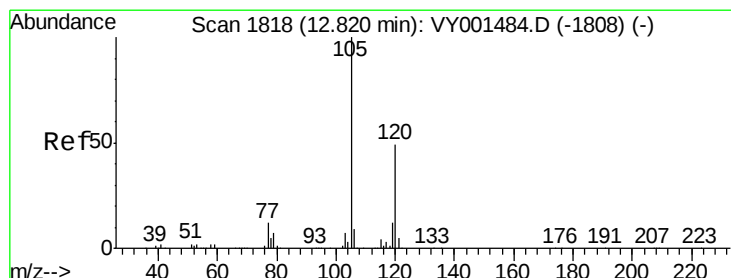
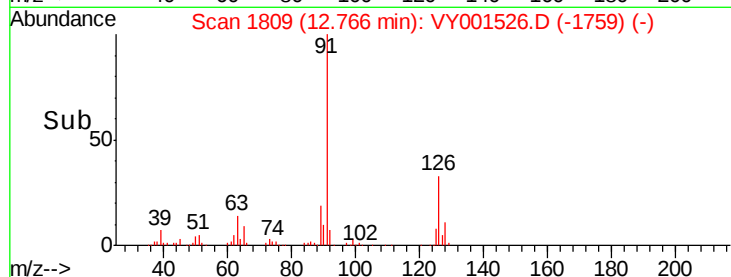
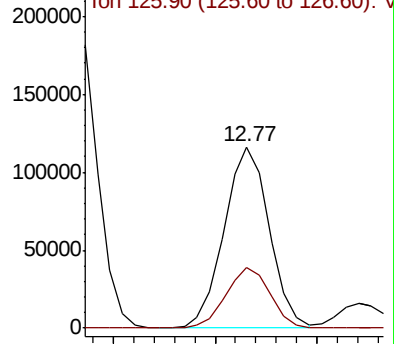
Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.342 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001526.D

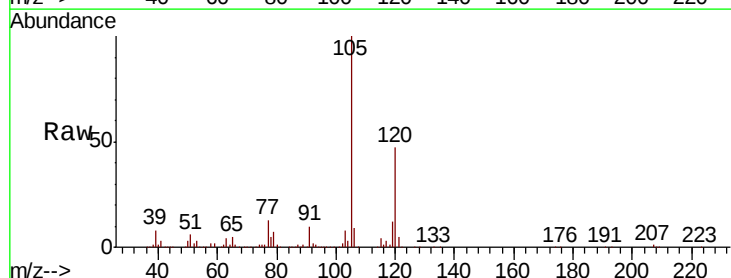
Acq: 06 Feb 2020 13:36

Tgt Ion: 105 Resp: 220987

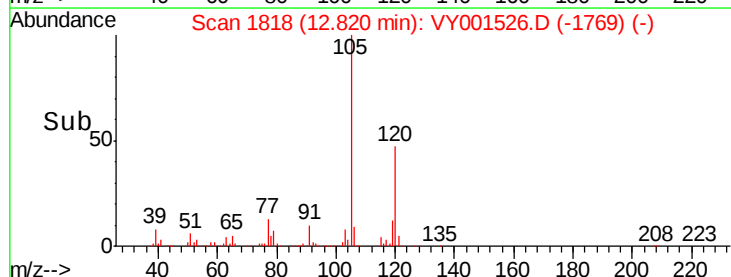
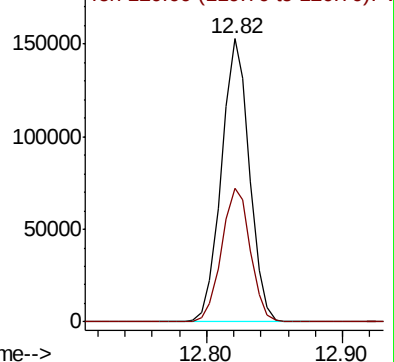
Ion Ratio Lower Upper

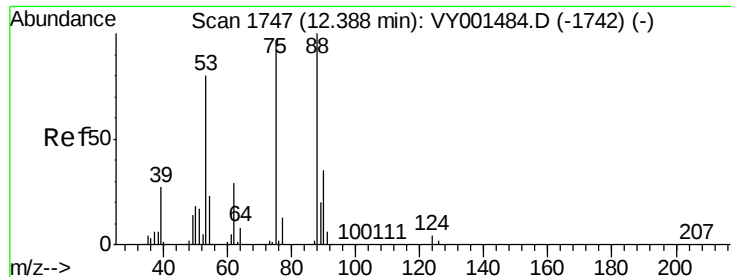
105 100

120 48.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001484.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.368 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

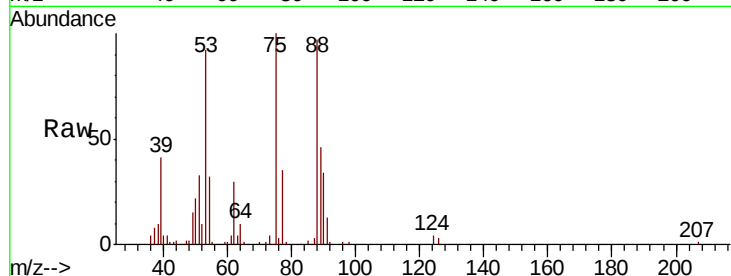
Tot Ion: 75 Resp: 20086

Ion Ratio Lower Upper

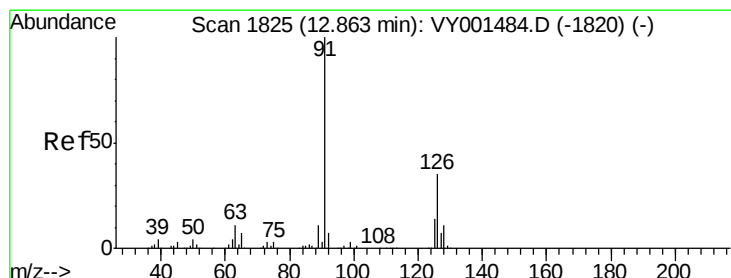
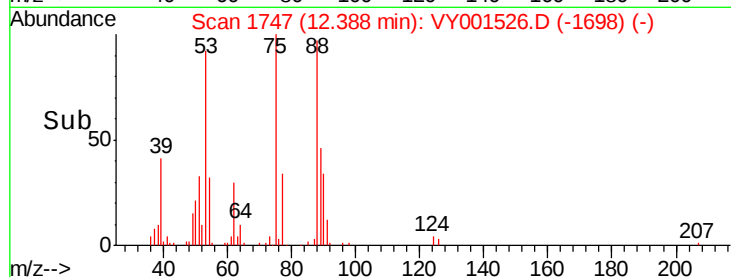
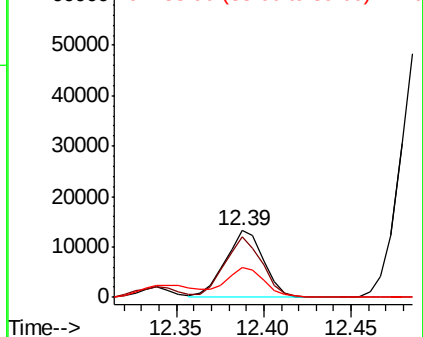
75 100

53 90.0 67.7 101.5

89 46.5 34.6 52.0



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: 20.111 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001526.D

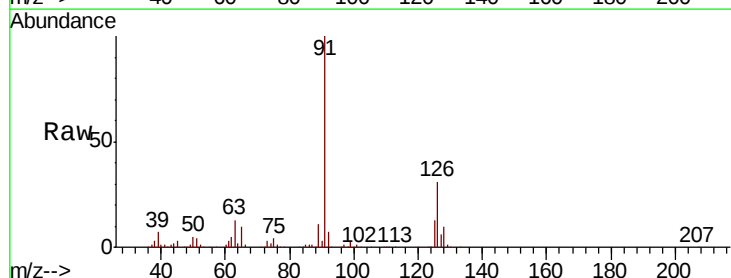
Acq: 06 Feb 2020 13:36

Tgt Ion: 91 Resp: 185606

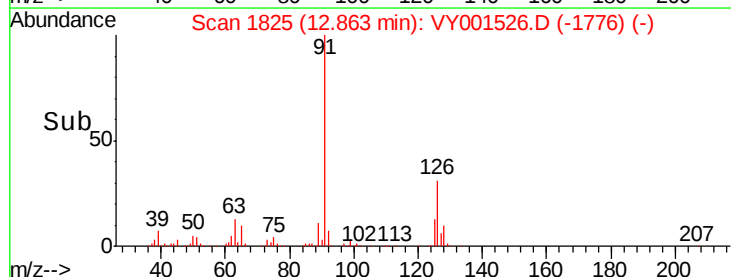
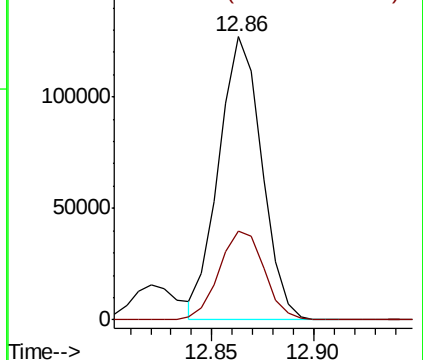
Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5



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





#83

tert-Butylbenzene

Concen: 19.943 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

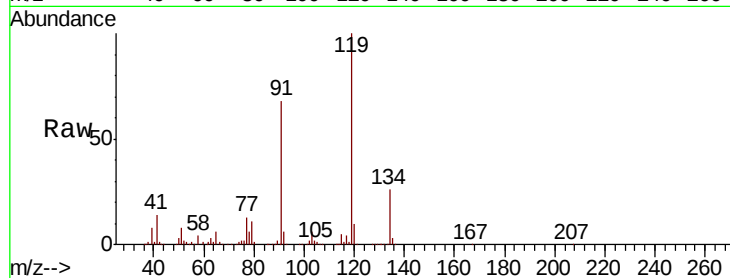
Tot Ion:119 Resp: 183128

Ion Ratio Lower Upper

119 100

91 67.3 33.1 99.3

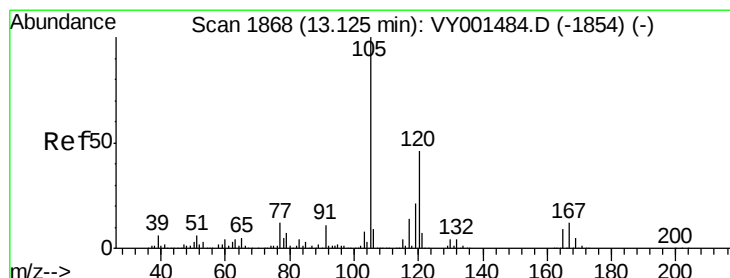
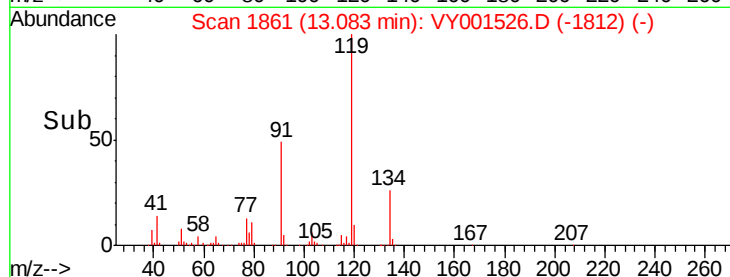
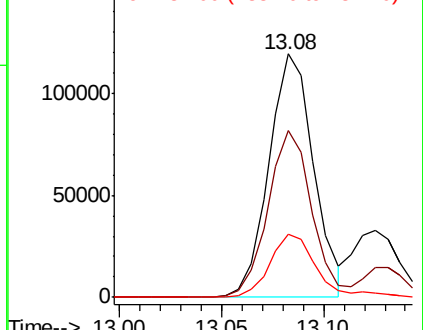
134 27.1 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.245 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001526.D

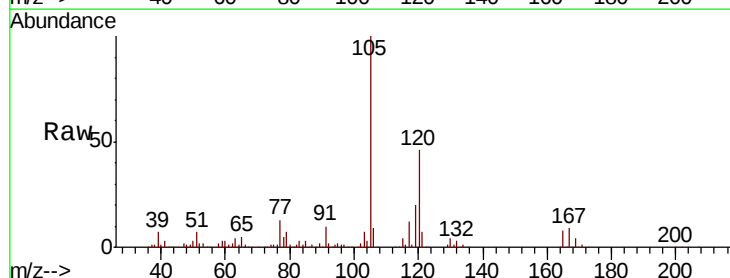
Acq: 06 Feb 2020 13:36

Tgt Ion:105 Resp: 217675

Ion Ratio Lower Upper

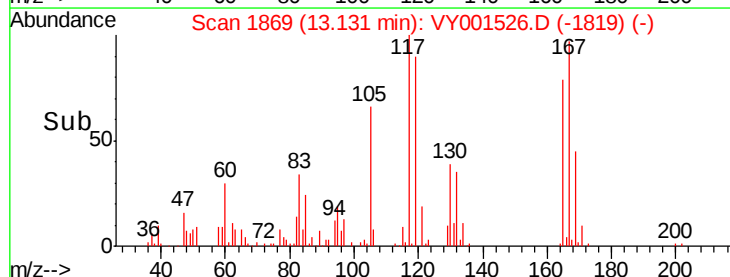
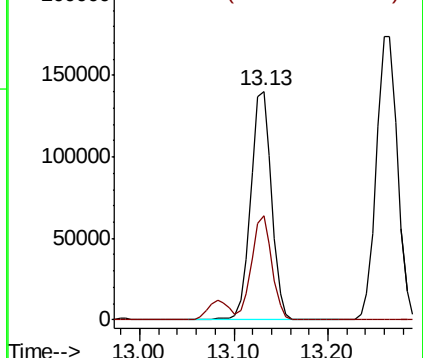
105 100

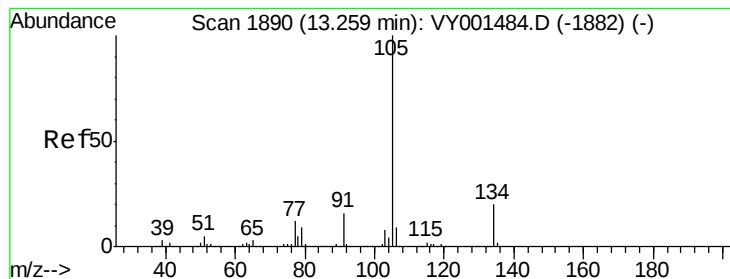
120 44.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.950 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

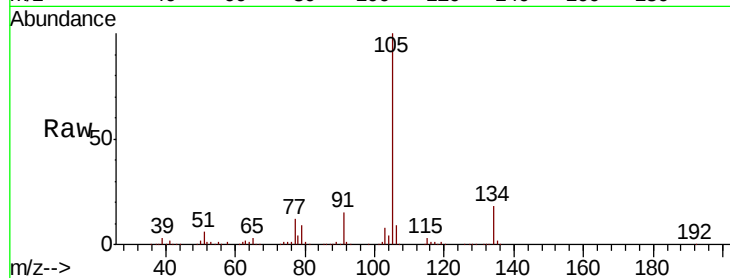
ClientSampleId :

Tot Ion:105 Resp: 270474

Ion Ratio Lower Upper

105 100

134 19.9 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

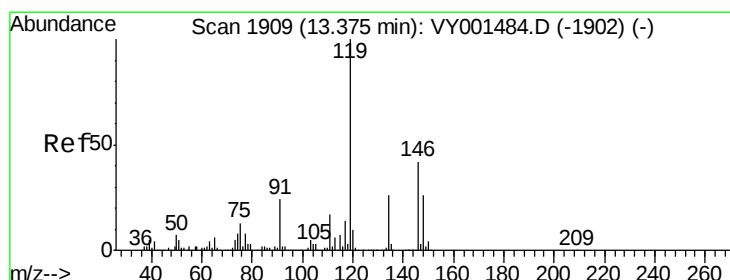
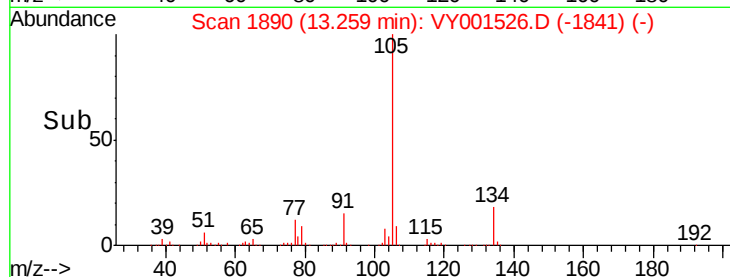
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.705 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

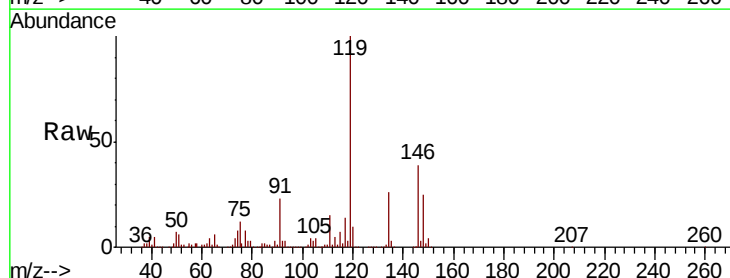
Tgt Ion:119 Resp: 235564

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.0 12.2 36.6



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

200000

150000

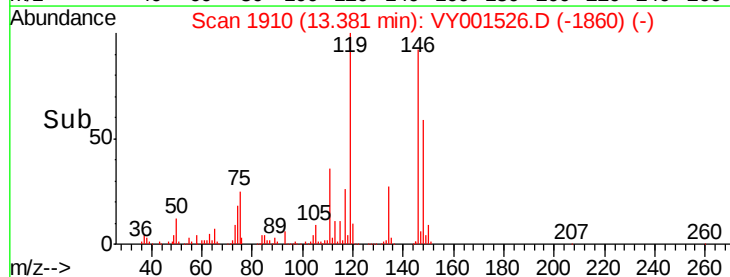
100000

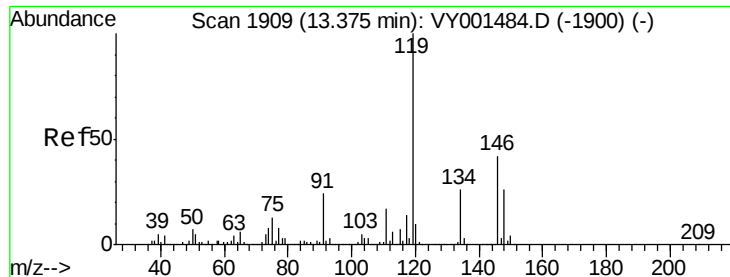
50000

0

13.30 13.35 13.40 13.45

Time-->

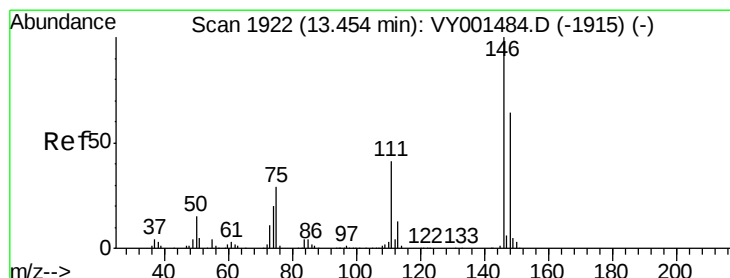
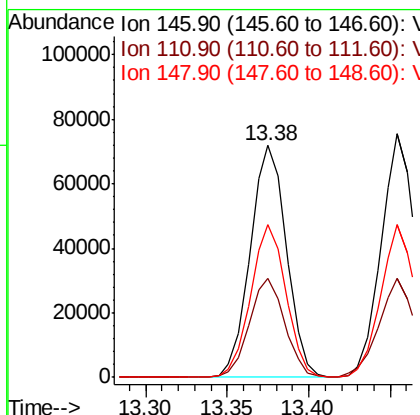
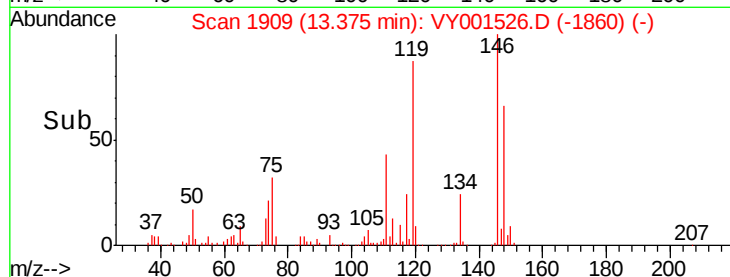
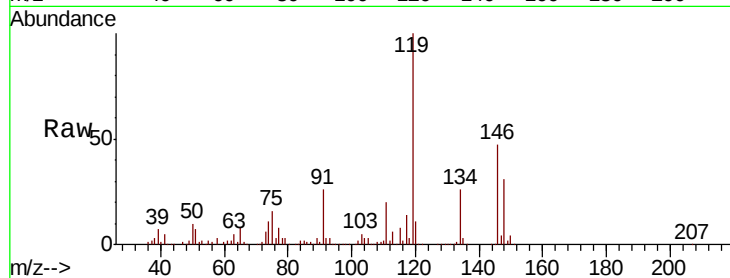




#87
 1,3-Dichlorobenzene
 Concen: 20.747 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

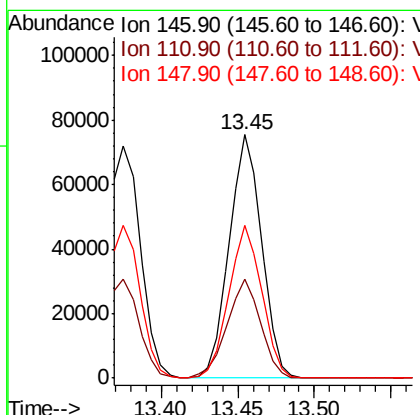
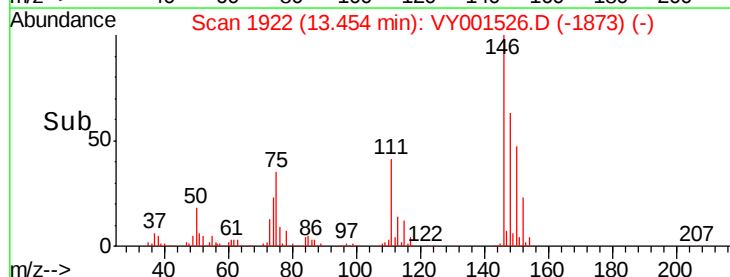
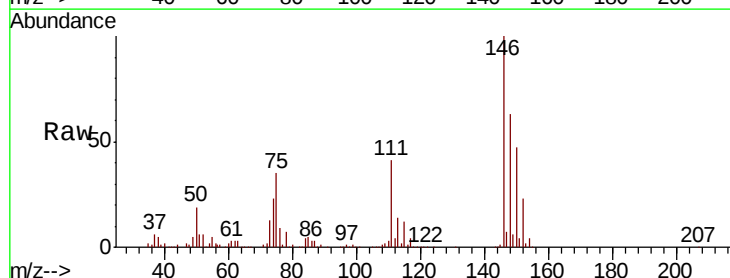
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.9
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.747 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.7	62.1
148	63.6	32.1	96.5

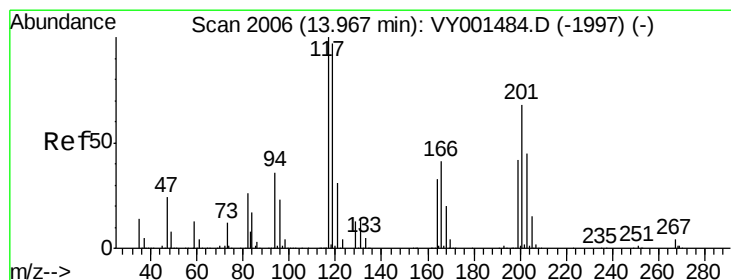
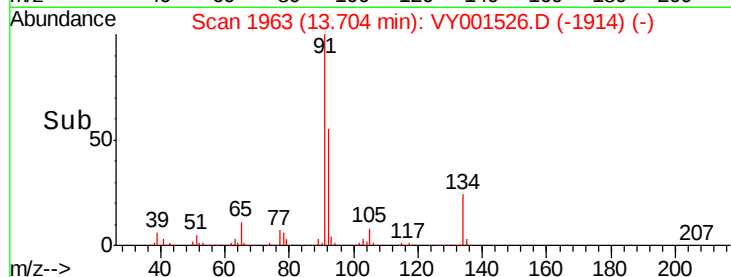
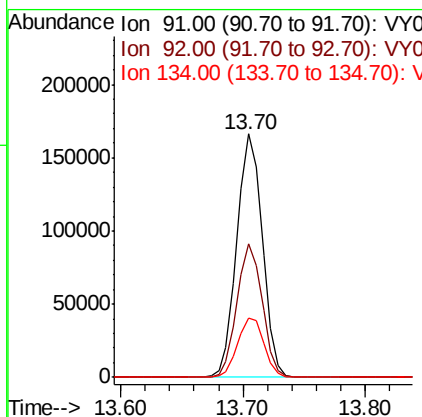
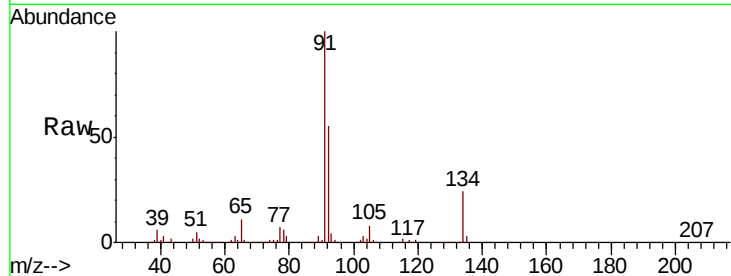




#89
n-Butylbenzene
Concen: 21.369 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

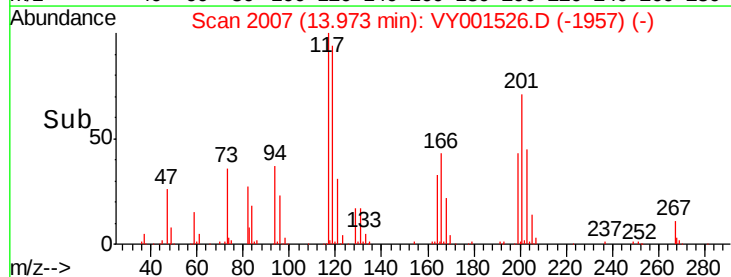
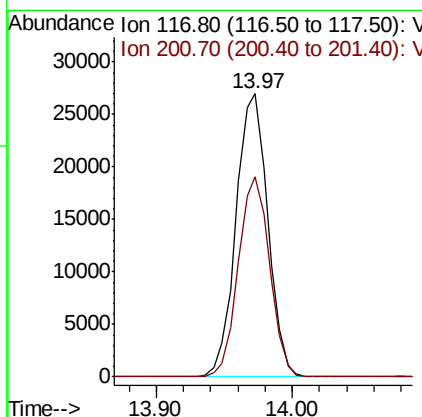
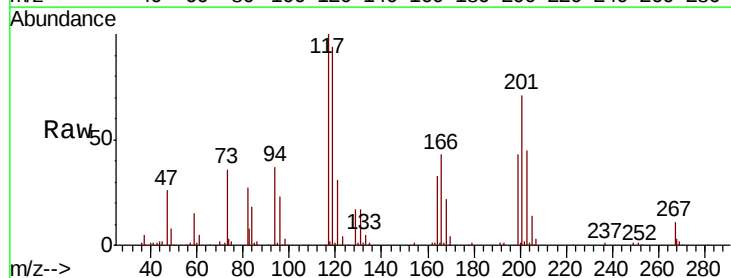
Instrument :
MSVOA_Y
ClientSampleId :

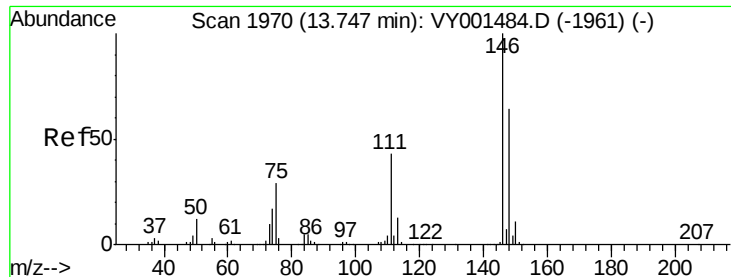
Tot Ion: 91 Resp: 239882
Ion Ratio Lower Upper
91 100
92 54.0 27.3 81.9
134 25.2 13.0 38.9



#90
Hexachloroethane
Concen: 20.180 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 117 Resp: 44066
Ion Ratio Lower Upper
117 100
201 69.4 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 20.928 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

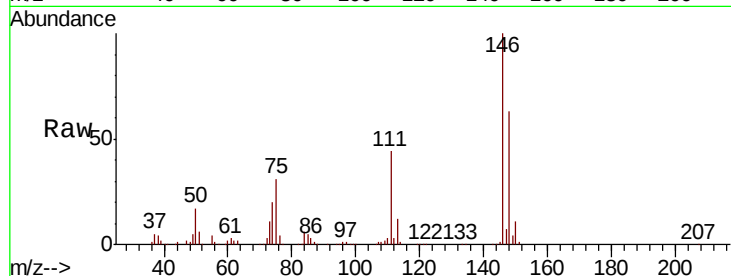
Tot Ion:146 Resp: 101465

Ion Ratio Lower Upper

146 100

111 44.3 21.9 65.8

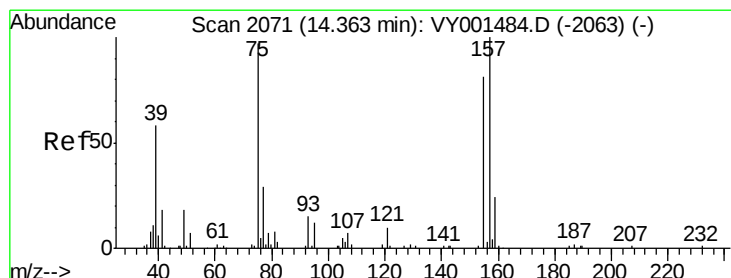
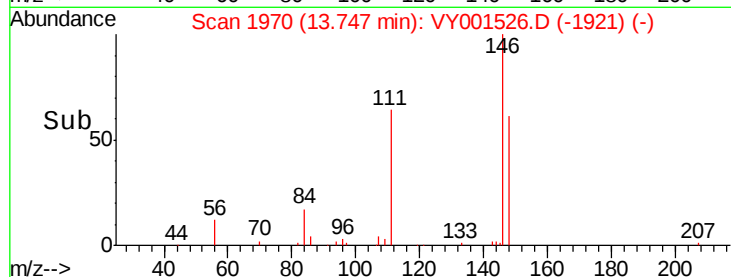
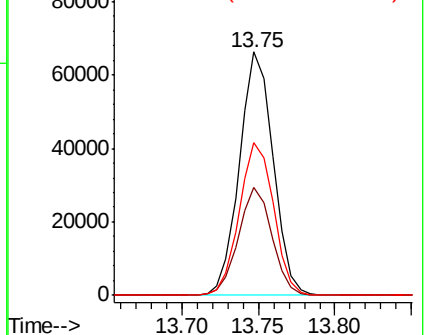
148 64.0 31.8 95.3



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: 21.008 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

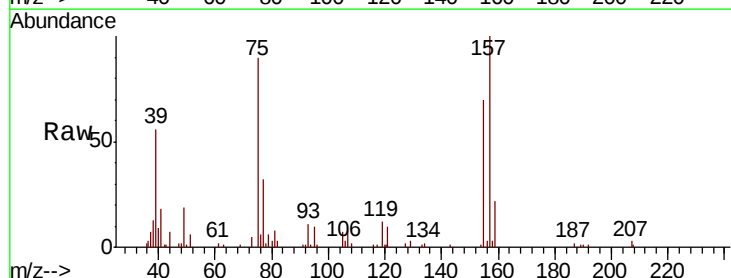
Tgt Ion: 75 Resp: 9505

Ion Ratio Lower Upper

75 100

155 80.3 40.7 122.1

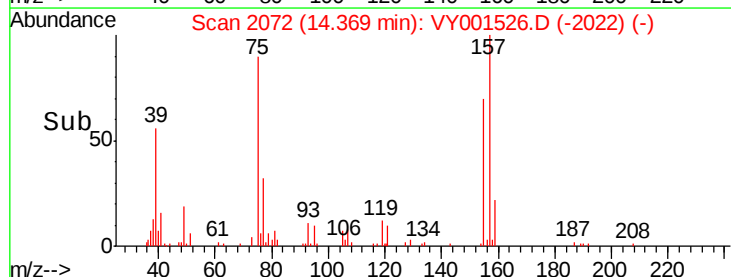
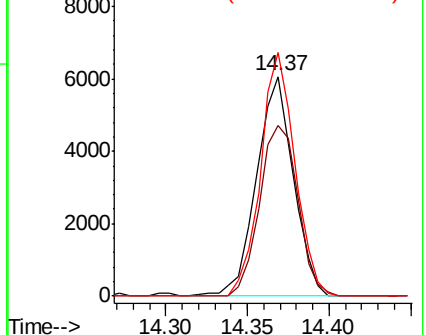
157 102.9 52.3 157.1

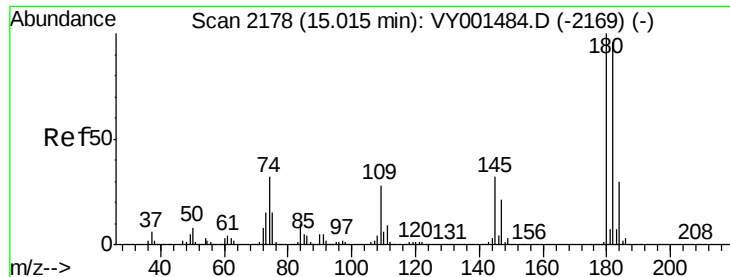


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

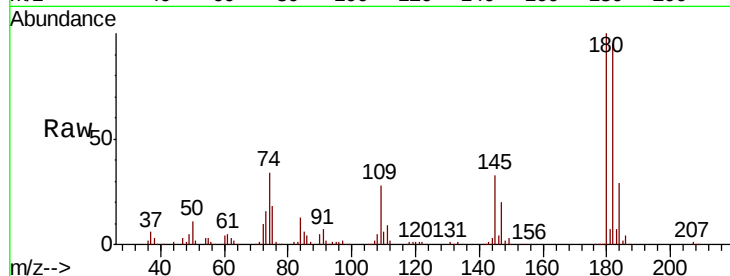




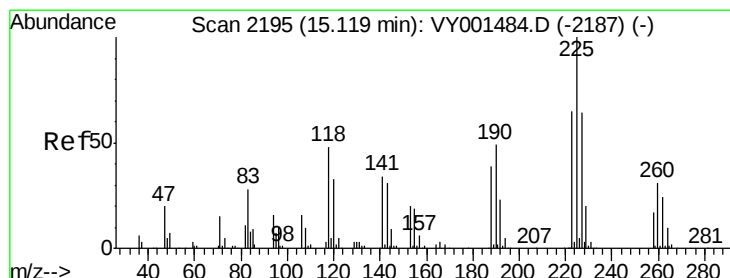
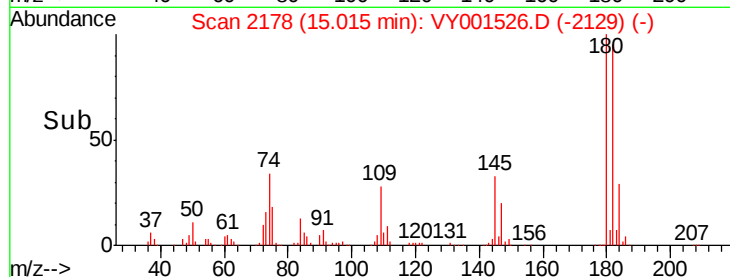
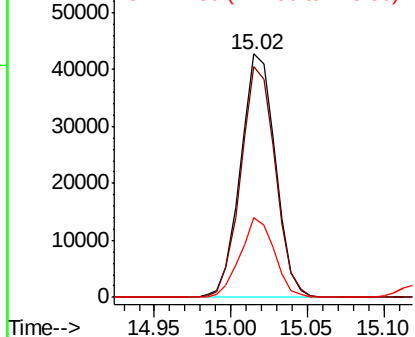
#93
1,2,4-Trichlorobenzene
Concen: 20.640 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:180 Resp: 67434
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.7
145 32.0 16.8 50.3

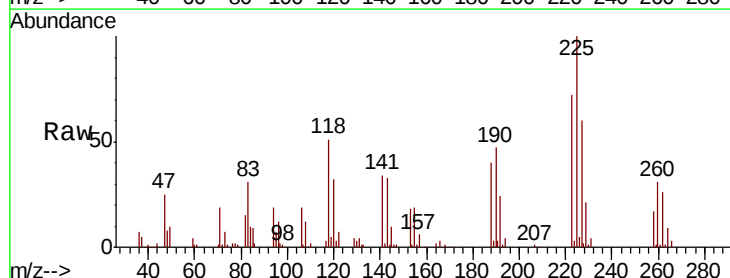


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

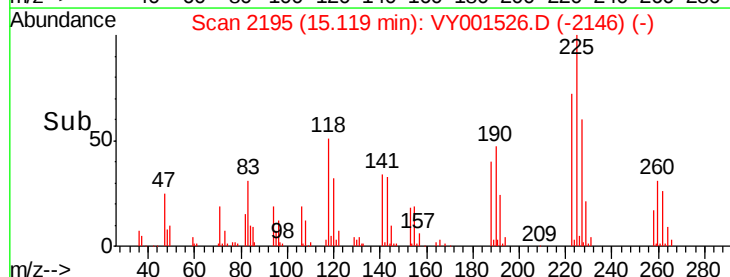
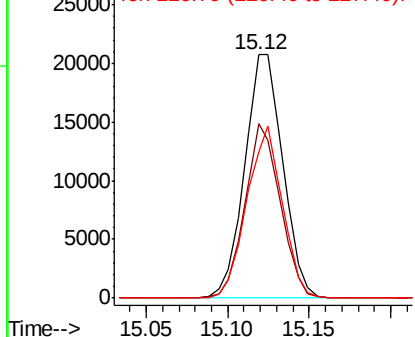


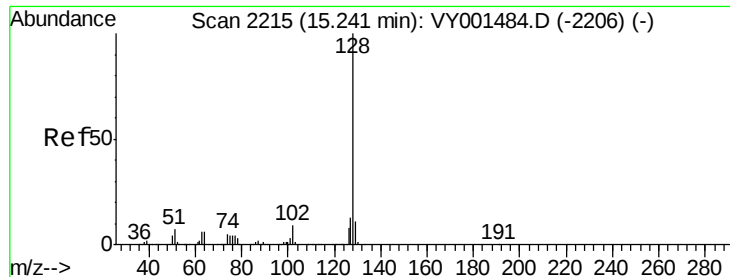
#94
Hexachlorobutadiene
Concen: 20.402 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion:225 Resp: 33830
Ion Ratio Lower Upper
225 100
223 66.3 31.9 95.7
227 65.8 32.6 97.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.160 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

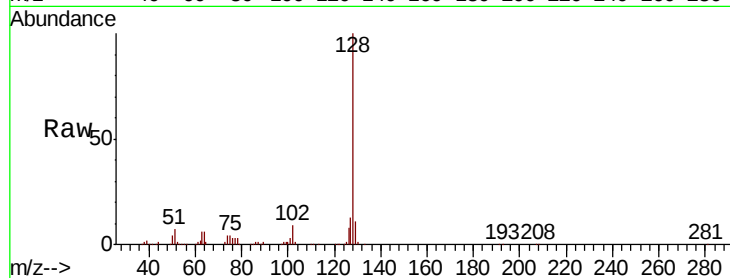
Tot Ion:128 Resp: 154795

Ion Ratio Lower Upper

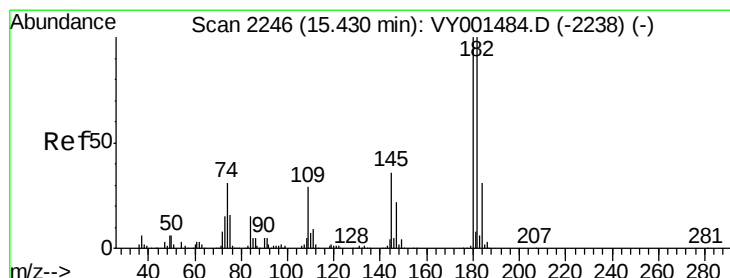
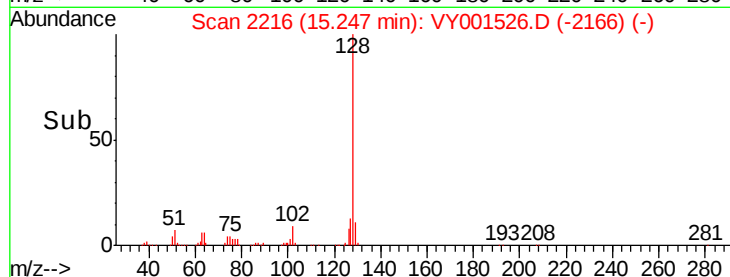
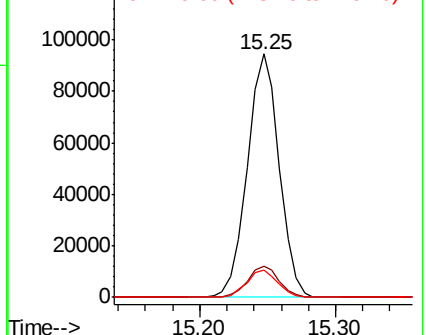
128 100

127 12.6 10.1 15.1

129 11.0 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 20.646 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

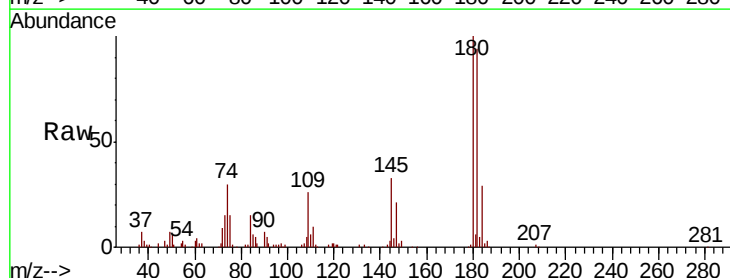
Tgt Ion:180 Resp: 59543

Ion Ratio Lower Upper

180 100

182 93.9 48.0 144.2

145 34.1 17.8 53.5



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

