

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003561.D
 Acq On : 20 Nov 2020 11:40
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:36:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 00:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	165520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	245314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	158713	92.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.70%#
35) Dibromofluoromethane	7.72	113	152672	94.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	189.36%#
50) Toluene-d8	10.18	98	592381	94.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	188.94%#
62) 4-Bromofluorobenzene	12.48	95	192129	96.55	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	193.10%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	48973	100.394	ug/l	99
3) Chloromethane	2.11	50	106886	93.087	ug/l	99
4) Vinyl Chloride	2.26	62	144508	97.282	ug/l	100
5) Bromomethane	2.66	94	115510	92.963	ug/l	95
6) Chloroethane	2.80	64	101282	97.226	ug/l	95
7) Trichlorofluoromethane	3.13	101	129948	99.170	ug/l	100
8) Diethyl Ether	3.54	74	91285	96.044	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	141752	94.245	ug/l	99
10) Methyl Iodide	4.10	142	242444	93.416	ug/l	98
11) Tert butyl alcohol	5.02	59	66430	405.726	ug/l #	100
12) 1,1-Dichloroethene	3.88	96	156985	96.326	ug/l	97
13) Acrolein	3.74	56	80006	487.898	ug/l	96
14) Allyl chloride	4.49	41	265587	97.212	ug/l	99
15) Acrylonitrile	5.18	53	215930	482.888	ug/l	99
16) Acetone	3.97	43	316575	551.678	ug/l	96
17) Carbon Disulfide	4.20	76	435763	92.885	ug/l	98
18) Methyl Acetate	4.49	43	117115	93.816	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	229576	94.907	ug/l	100
20) Methylene Chloride	4.72	84	173931	79.811	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	171970	94.376	ug/l	95
22) Diisopropyl ether	6.13	45	467300	99.789	ug/l	99
23) Vinyl Acetate	6.07	43	1837403	504.786	ug/l	99
24) 1,1-Dichloroethane	6.03	63	293756	94.245	ug/l	99
25) 2-Butanone	7.00	43	387943	521.003	ug/l	97
26) 2,2-Dichloropropane	6.99	77	182831	89.700	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	190498	96.431	ug/l	99
28) Bromochloromethane	7.34	49	156566	102.613	ug/l	98
29) Tetrahydrofuran	7.36	42	188608	483.509	ug/l	99
30) Chloroform	7.52	83	295326	94.948	ug/l	97
31) Cyclohexane	7.79	56	231959	93.358	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	232730	96.827	ug/l	99
36) 1,1-Dichloropropene	7.92	75	232192	96.142	ug/l	99
37) Ethyl Acetate	7.08	43	140360	96.443	ug/l	99
38) Carbon Tetrachloride	7.91	117	222410	99.413	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	257124	104.763	ug/l	98
40) Benzene	8.16	78	685513	95.751	ug/l	98
41) Methacrylonitrile	7.32	41	81118	113.356	ug/l	100
42) 1,2-Dichloroethane	8.24	62	193542	95.030	ug/l	100
43) Isopropyl Acetate	8.28	43	264454	98.960	ug/l	98
44) Trichloroethene	8.94	130	184638	94.648	ug/l	100
45) 1,2-Dichloropropane	9.22	63	174047	98.072	ug/l	97
46) Dibromomethane	9.31	93	96143	95.130	ug/l	99
47) Bromodichloromethane	9.50	83	232760	96.961	ug/l	98
48) Methyl methacrylate	9.30	41	125925	98.440	ug/l	100
49) 1,4-Dioxane	9.33	88	24005	2072.995	ug/l #	90
51) 4-Methyl-2-Pentanone	10.07	43	670684	523.658	ug/l	100
52) Toluene	10.24	92	429422	97.963	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	250177	99.574	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	282089	98.645	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	137528	95.940	ug/l	97
56) Ethyl methacrylate	10.51	69	187204	107.463	ug/l	99
57) 1,3-Dichloropropane	10.79	76	235919	97.236	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	446779	499.762	ug/l	100
59) 2-Hexanone	10.83	43	572863	542.581	ug/l	100
60) Dibromochloromethane	10.99	129	170218	98.208	ug/l	99
61) 1,2-Dibromoethane	11.09	107	134791	97.576	ug/l	99
64) Tetrachloroethene	10.72	164	159023	95.678	ug/l	97
65) Chlorobenzene	11.52	112	456522	94.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	136861	99.075	ug/l	99
67) Ethyl Benzene	11.59	91	793402	100.578	ug/l	99
68) m/p-Xylenes	11.70	106	602508	199.464	ug/l	98
69) o-Xylene	12.03	106	248080	102.673	ug/l	99
70) Styrene	12.04	104	497496	102.159	ug/l	99
71) Bromoform	12.20	173	107871	96.699	ug/l #	100
73) Isopropylbenzene	12.33	105	550204	102.075	ug/l	100
74) N-amyl acetate	12.14	43	227694	106.665	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	148012	98.680	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	205532	186.287	ug/l #	100
77) Bromobenzene	12.61	156	190635	96.126	ug/l	98
78) n-propylbenzene	12.67	91	774461	102.271	ug/l	99
79) 2-Chlorotoluene	12.75	91	436371	99.832	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	400911	98.958	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	64494	97.727	ug/l	100
82) 4-Chlorotoluene	12.85	91	528831	98.746	ug/l	100
83) tert-Butylbenzene	13.07	119	405018	98.765	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	433988	100.609	ug/l	100
85) sec-Butylbenzene	13.25	105	448477	96.618	ug/l	99
86) p-Isopropyltoluene	13.37	119	409073	98.219	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	350144	96.993	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	352864	95.384	ug/l	99
89) n-Butylbenzene	13.69	91	466727	104.729	ug/l	99
90) Hexachloroethane	13.96	117	106967	97.130	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	278266	96.571	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18942	96.958	ug/l	97

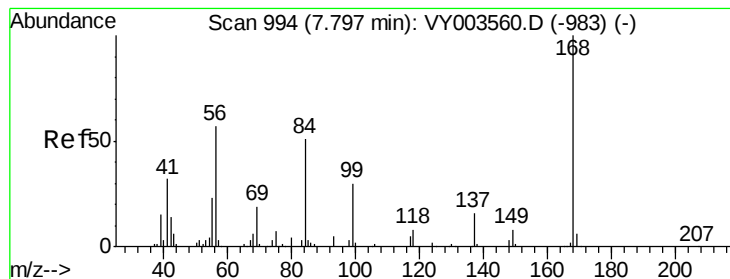
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	166958	103.315	ug/l	99
94) Hexachlorobutadiene	15.11	225	77646	84.528	ug/l	99
95) Naphthalene	15.23	128	295602	107.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	119059	100.224	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

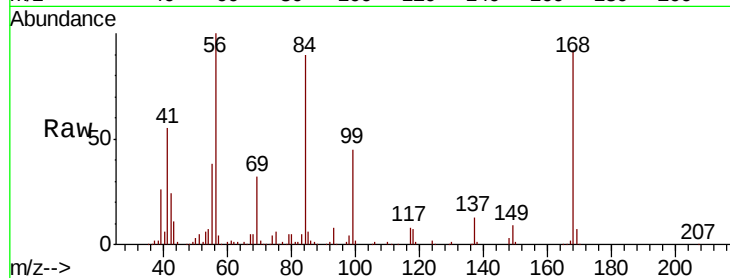
ClientSampled :

Tot Ion:168 Resp: 165520

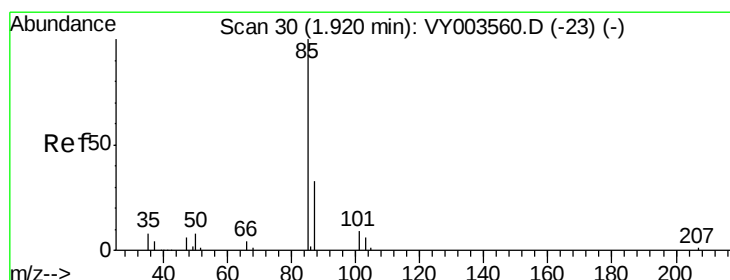
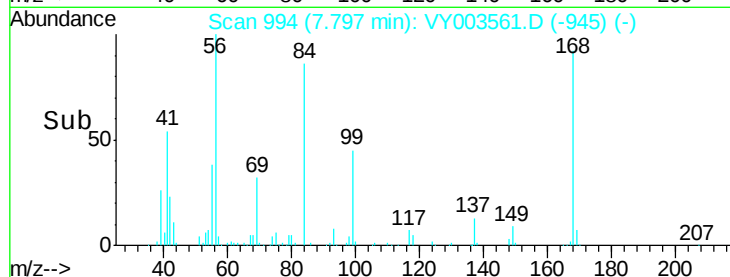
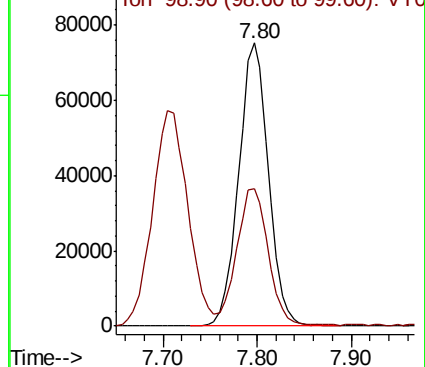
Ion Ratio Lower Upper

168 100

99 48.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003561.D (-945) (-)



#2

Dichlorodifluoromethane

Concen: 100.394 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY003561.D

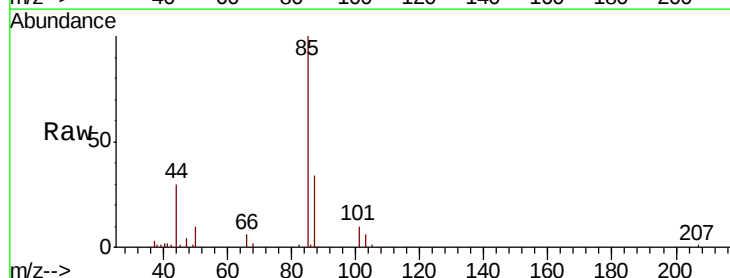
Acq: 20 Nov 2020 11:40

Tgt Ion: 85 Resp: 48973

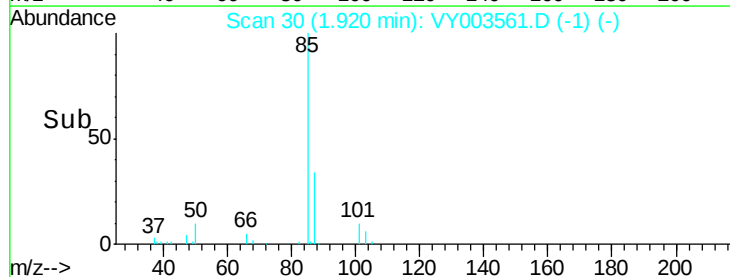
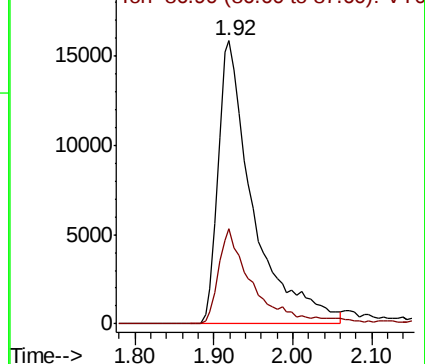
Ion Ratio Lower Upper

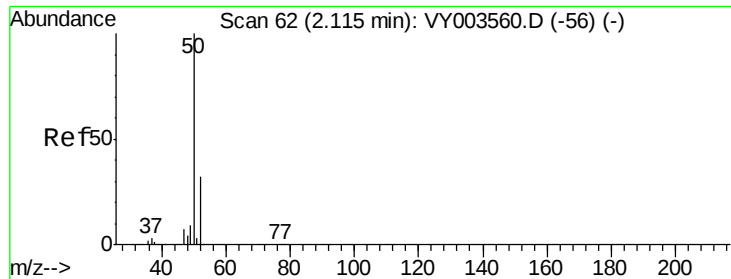
85 100

87 33.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003561.D (-1) (-)





#3

Chloromethane

Concen: 93.087 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

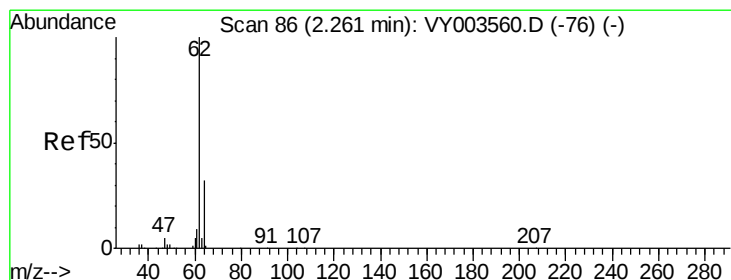
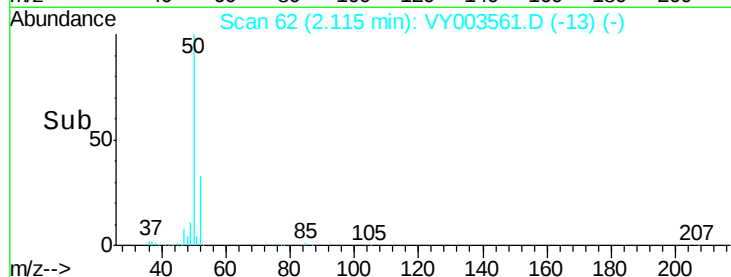
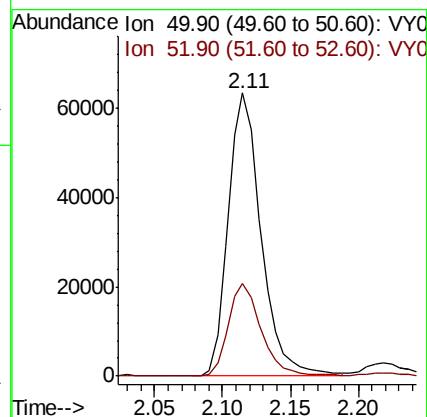
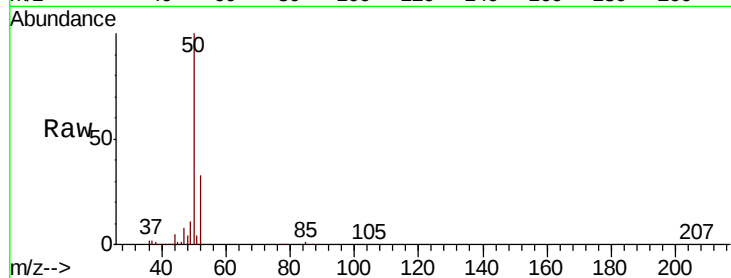
ClientSampleId :

Tot Ion: 50 Resp: 106886

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 97.282 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003561.D

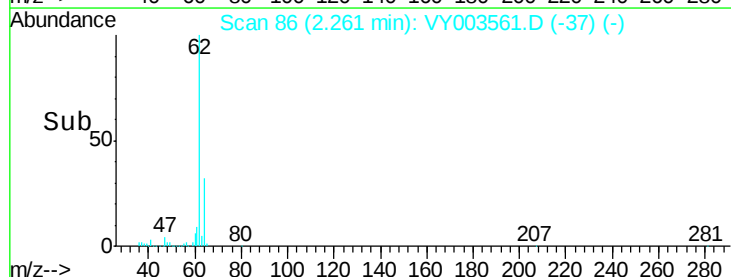
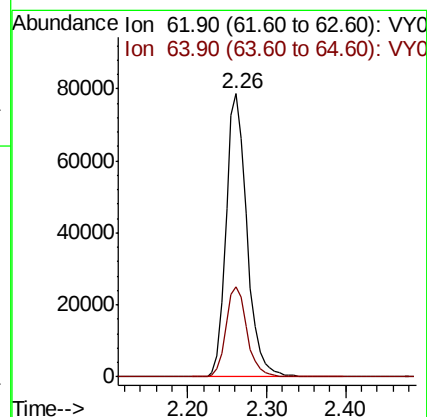
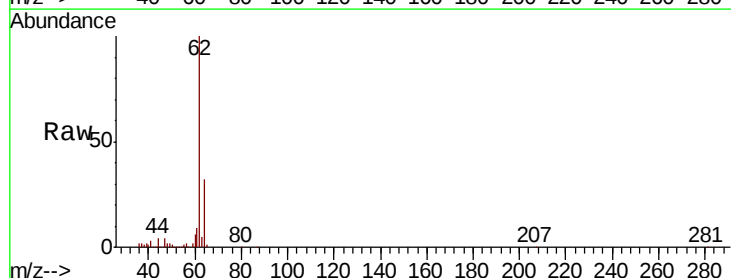
Acq: 20 Nov 2020 11:40

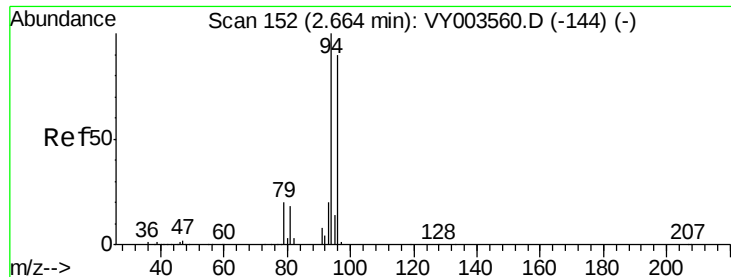
Tgt Ion: 62 Resp: 144508

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 92.963 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

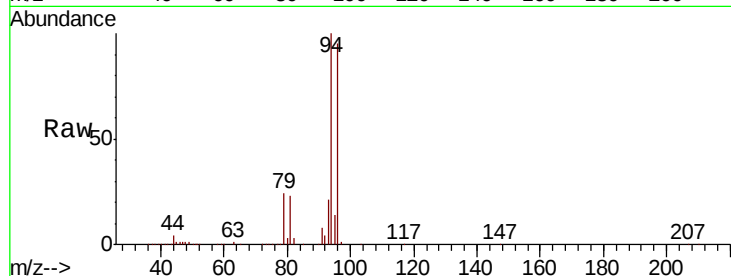
ClientSampleId :

Tot Ion: 94 Resp: 115510

Ion Ratio Lower Upper

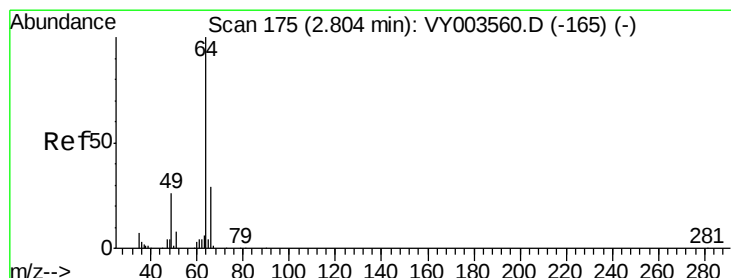
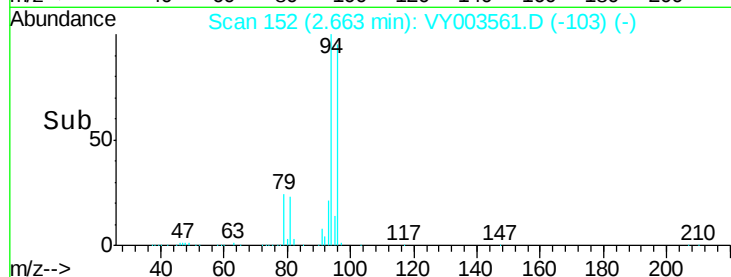
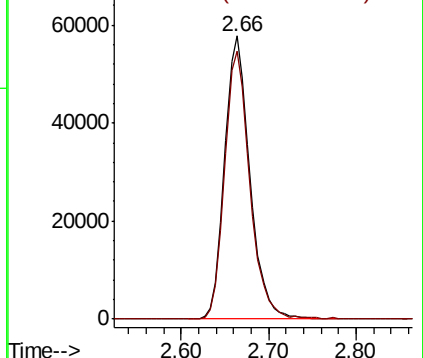
94 100

96 94.5 71.9 107.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 97.226 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003561.D

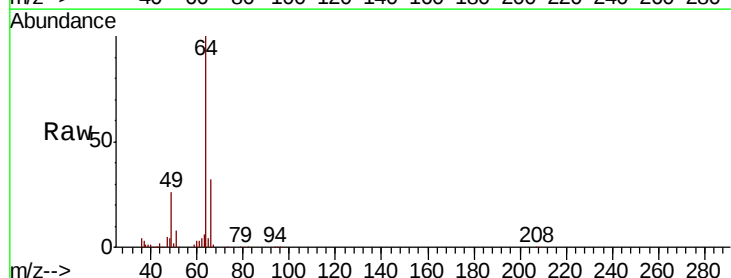
Acq: 20 Nov 2020 11:40

Tgt Ion: 64 Resp: 101282

Ion Ratio Lower Upper

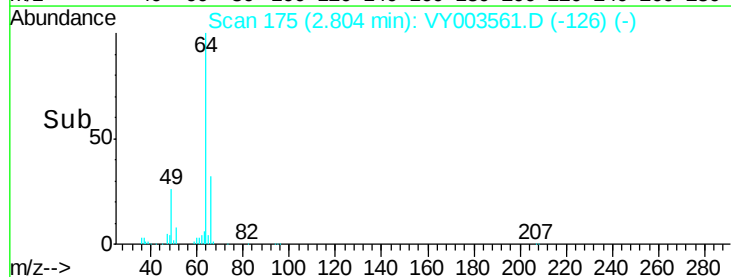
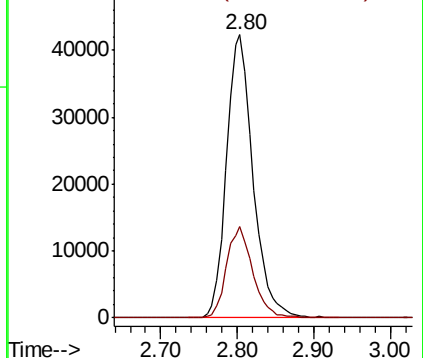
64 100

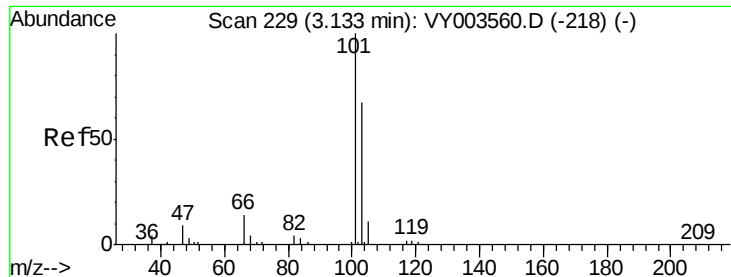
66 32.3 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



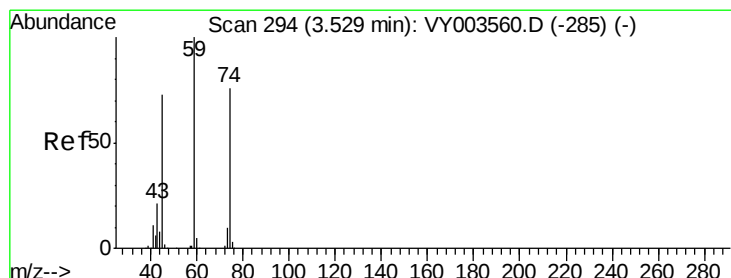
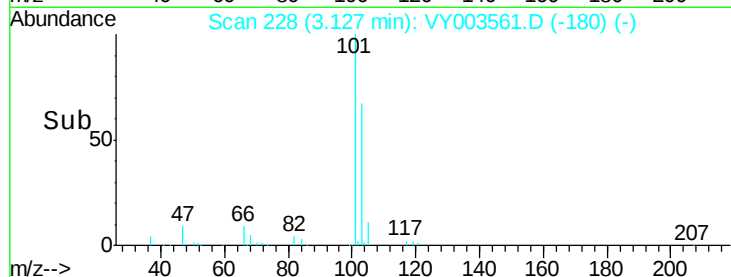
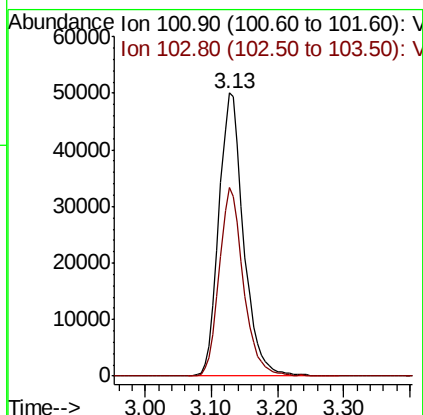
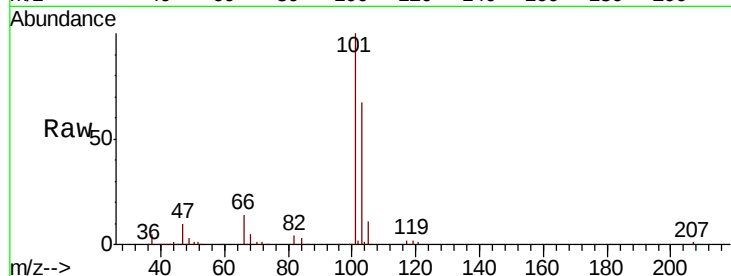


#7

Trichlorofluoromethane
 Concen: 99.170 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampled :

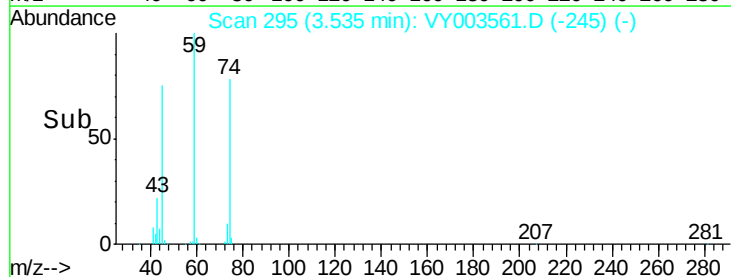
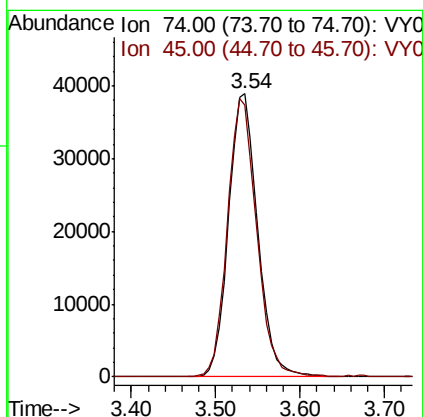
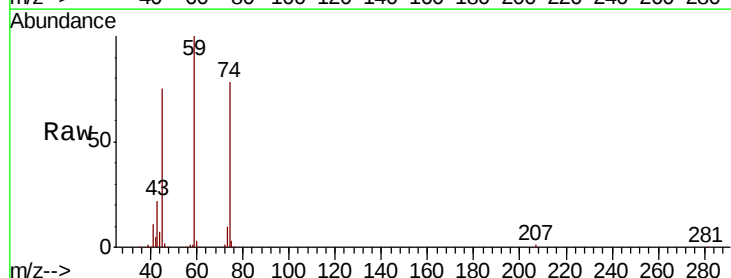
Tot Ion:101 Resp: 129948
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.3 79.9

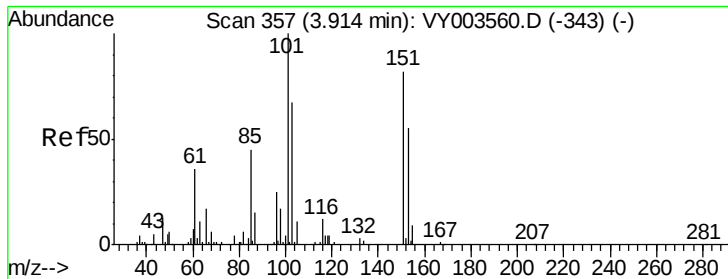


#8

Diethyl Ether
 Concen: 96.044 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion: 74 Resp: 91285
 Ion Ratio Lower Upper
 74 100
 45 98.9 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.245 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003561.D

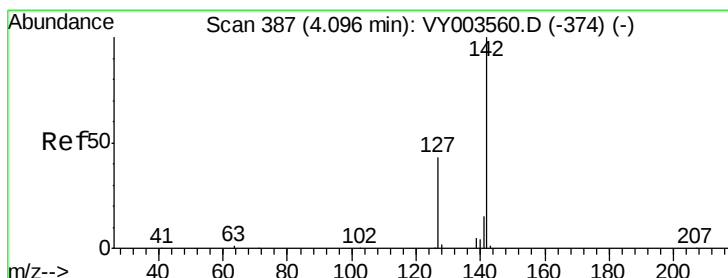
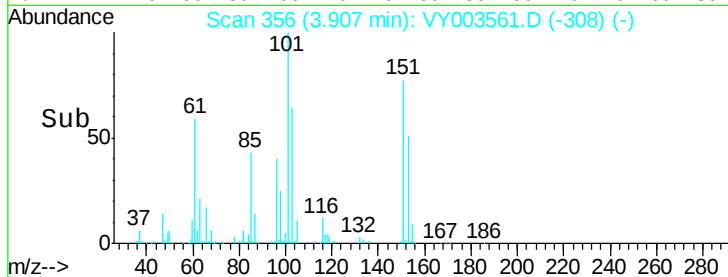
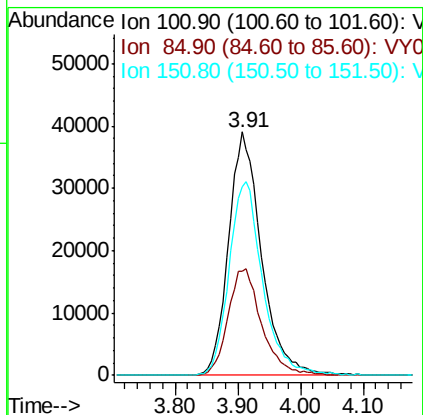
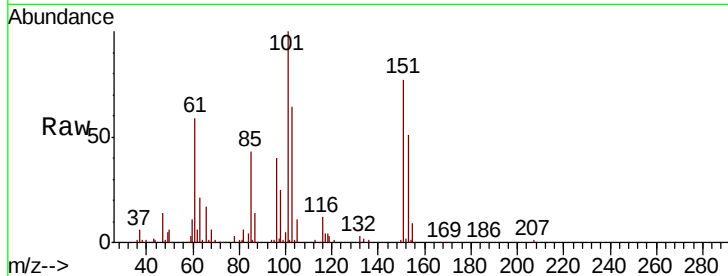
Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	101	Resp:	141752
Ion	Ratio	Lower	Upper
101	100		
85	44.7	35.9	53.9
151	80.9	65.4	98.0



#10

Methyl Iodide

Concen: 93.416 ug/l

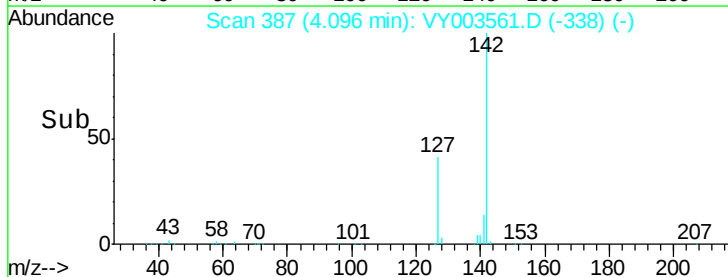
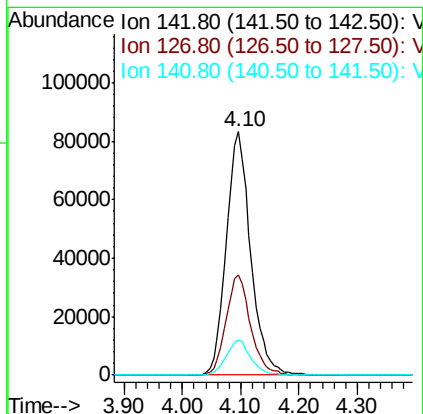
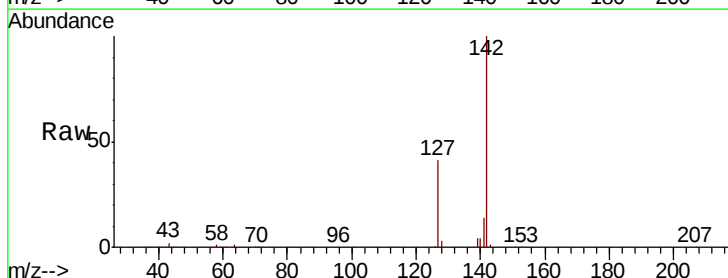
RT: 4.10 min Scan# 387

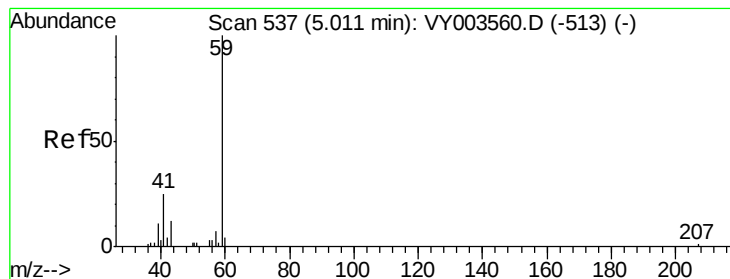
Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	142	Resp:	242444
Ion	Ratio	Lower	Upper
142	100		
127	41.4	34.2	51.2
141	14.3	11.5	17.3





#11

Tert butyl alcohol

Concen: 405.726 ug/l

RT: 5.02 min Scan# 539

Delta R.T. 0.01 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

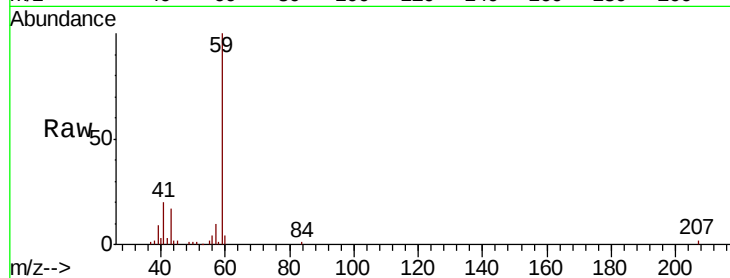
ClientSampleId :

Tot Ion: 59 Resp: 66430

Ion Ratio Lower Upper

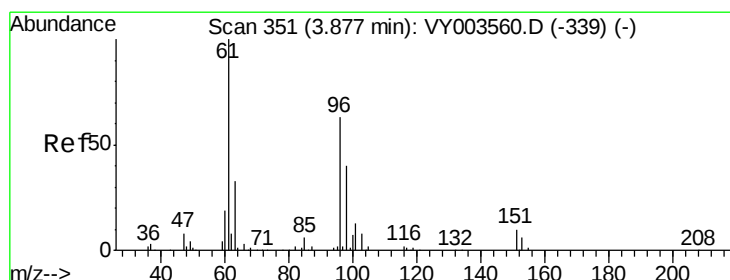
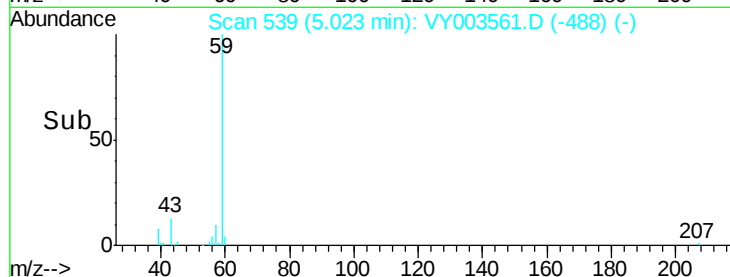
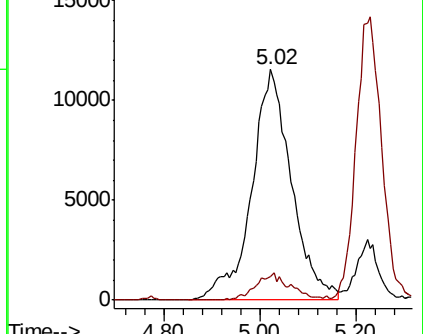
59 100

57 7.9 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 96.326 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

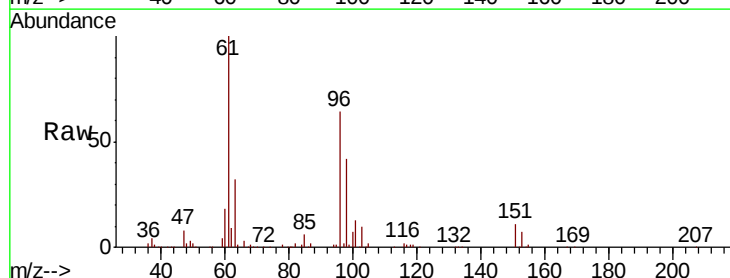
Tgt Ion: 96 Resp: 156985

Ion Ratio Lower Upper

96 100

61 155.2 127.3 190.9

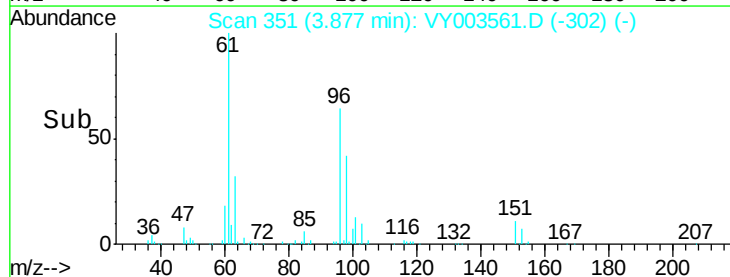
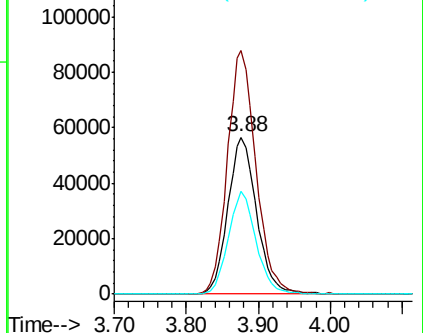
98 65.7 50.6 76.0

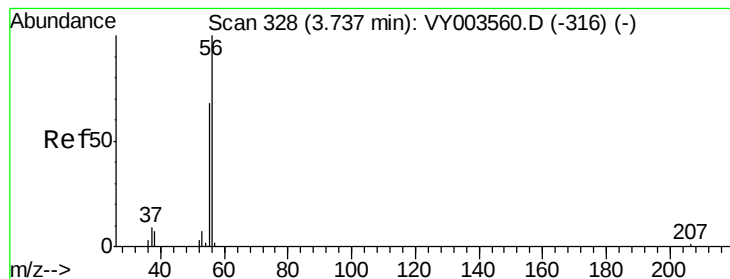


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 487.898 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

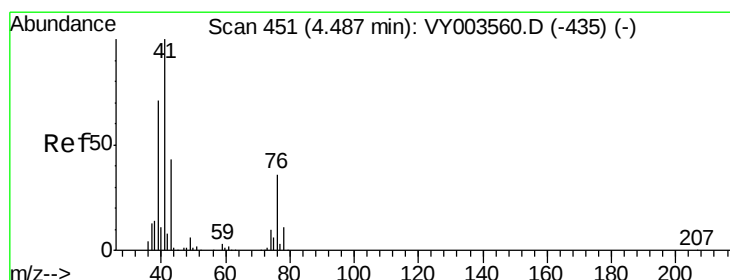
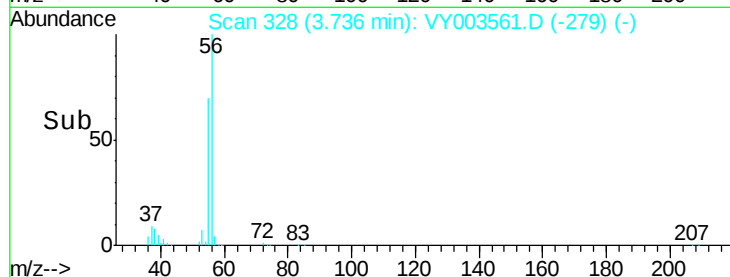
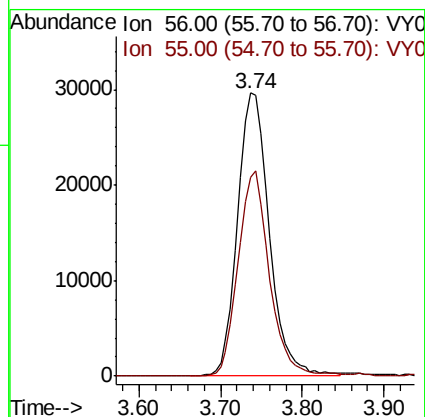
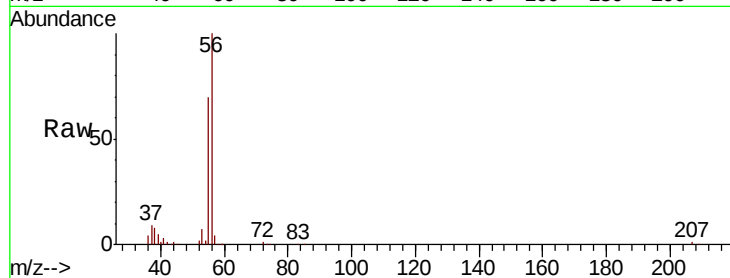
ClientSampleId :

Tot Ion: 56 Resp: 80006

Ion Ratio Lower Upper

56 100

55 71.7 54.6 81.8



#14

Allyl chloride

Concen: 97.212 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

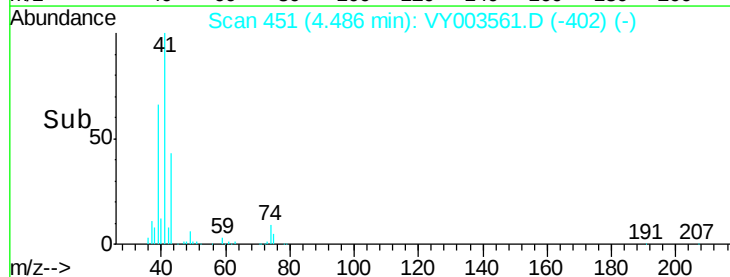
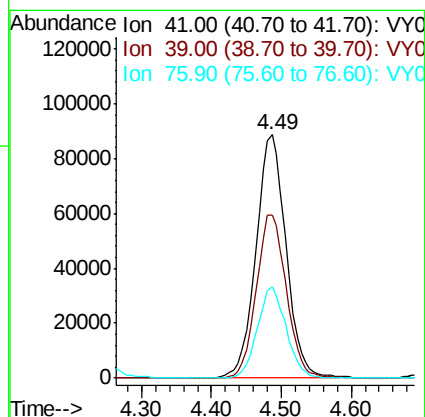
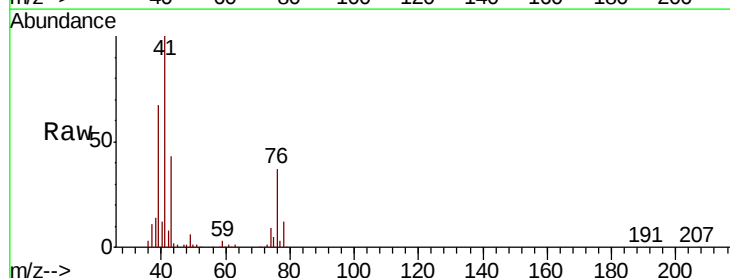
Tgt Ion: 41 Resp: 265587

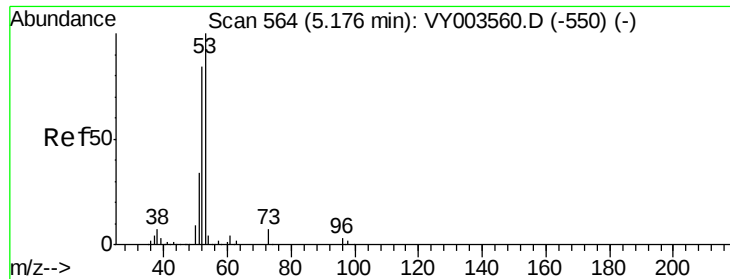
Ion Ratio Lower Upper

41 100

39 67.2 54.2 81.2

76 35.7 28.9 43.3





#15

Acrylonitrile

Concen: 482.888 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

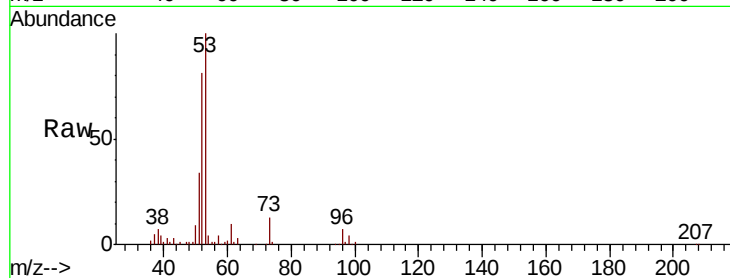
Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 53 Resp: 215930

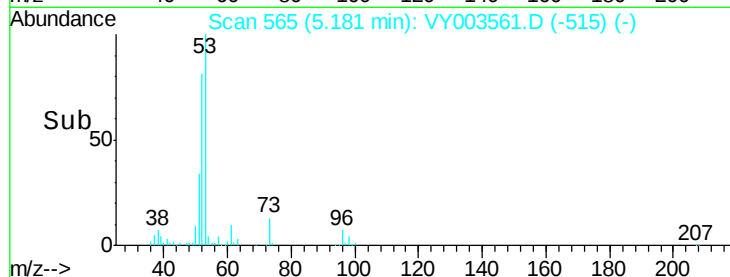
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	35.3	29.0	43.4



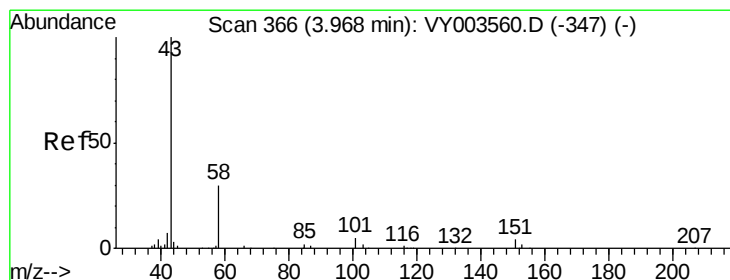
Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



Time-->



#16

Acetone

Concen: 551.678 ug/l

RT: 3.97 min Scan# 366

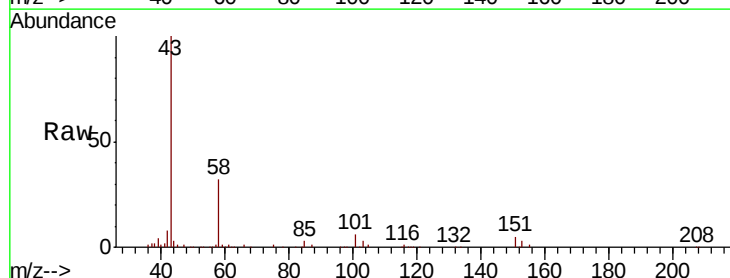
Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

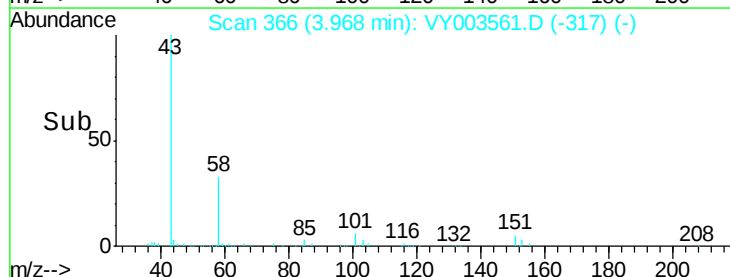
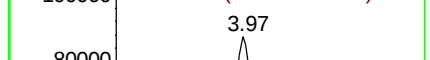
Tgt Ion: 43 Resp: 316575

Ion	Ratio	Lower	Upper
43	100		
58	32.2	23.8	35.8

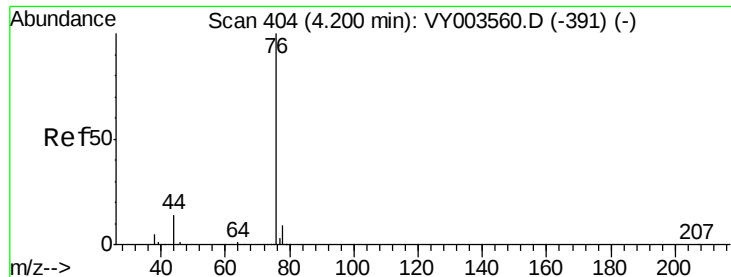


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



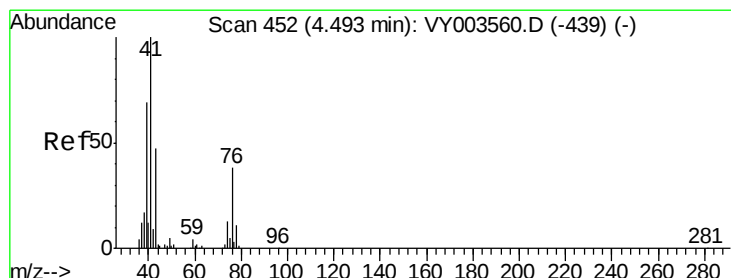
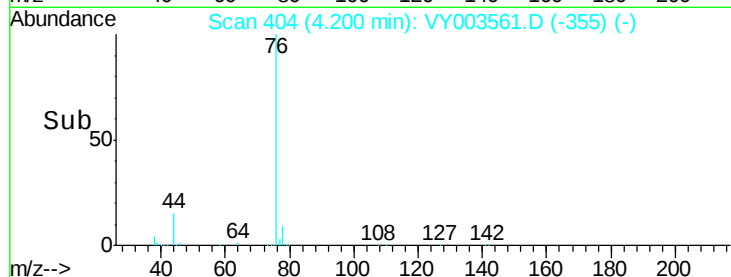
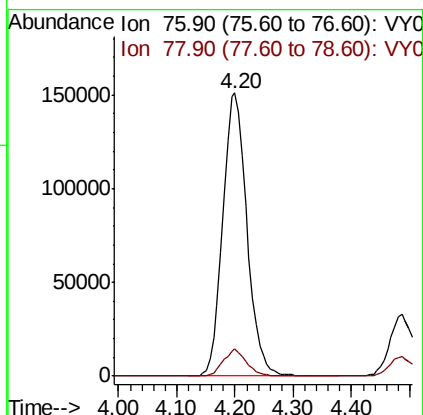
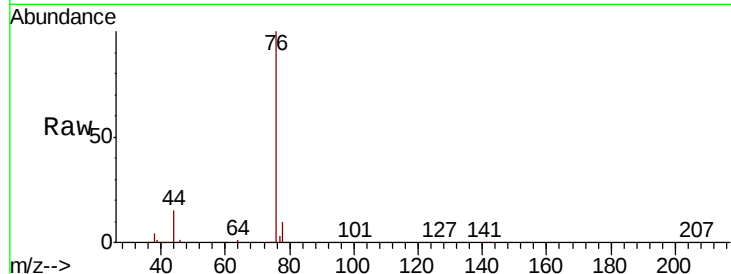
Time-->



#17
Carbon Disulfide
Concen: 92.885 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

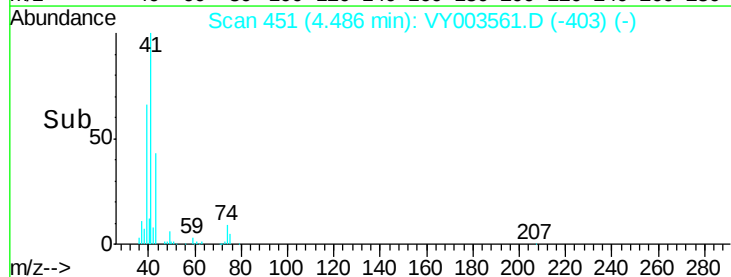
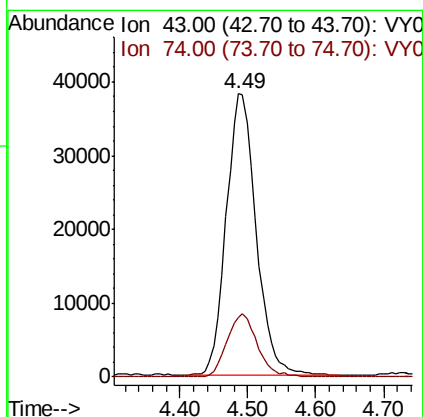
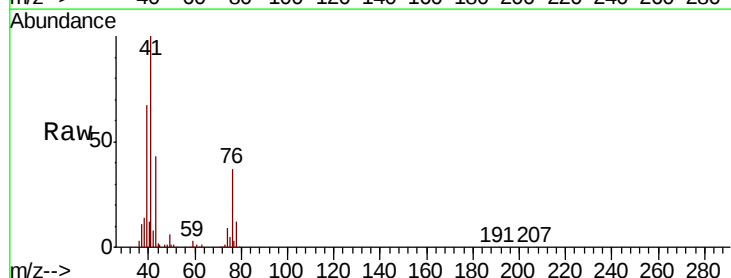
Instrument :
MSVOA_Y
ClientSampleId :

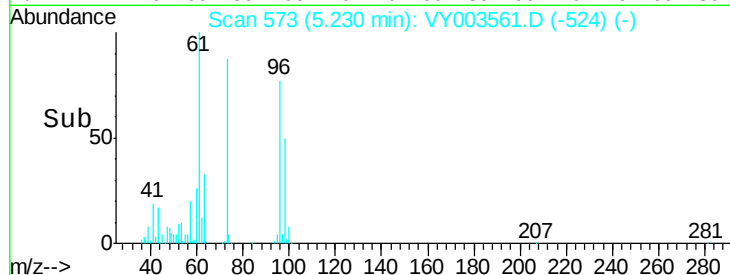
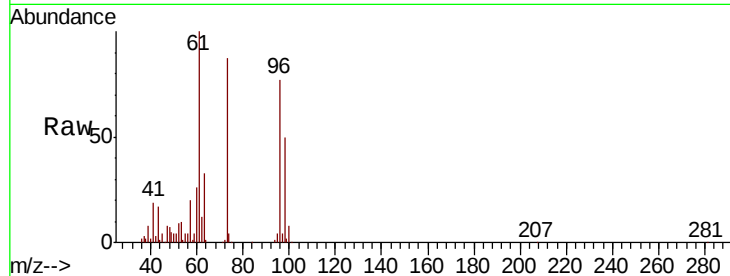
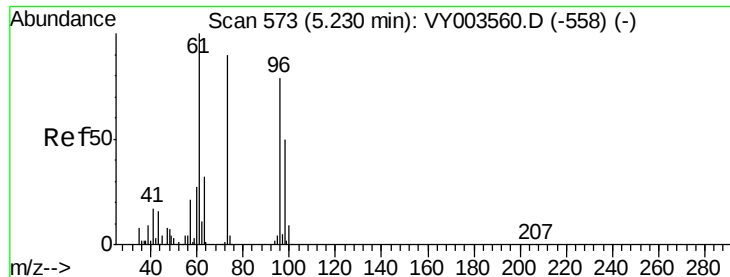
Tot Ion: 76 Resp: 435763
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 93.816 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 43 Resp: 117115
Ion Ratio Lower Upper
43 100
74 22.7 18.9 28.3

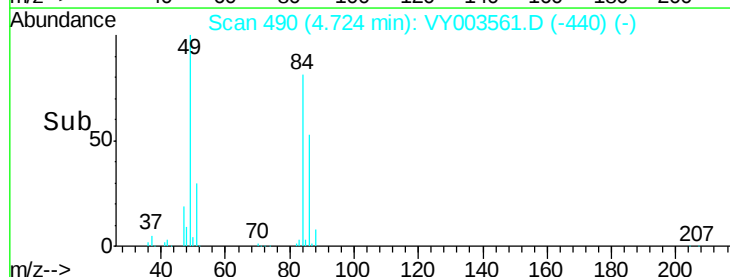
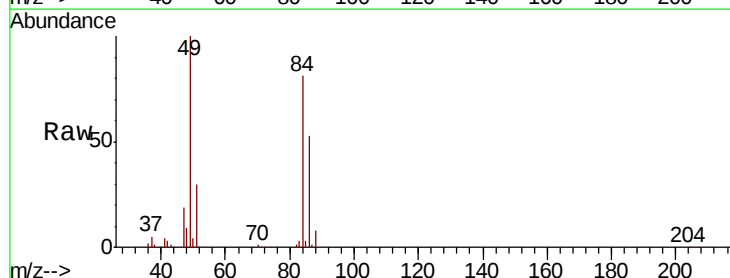
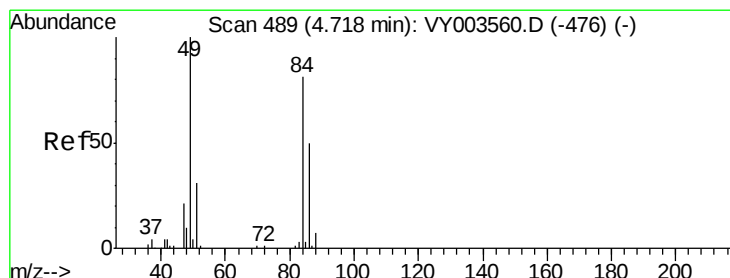
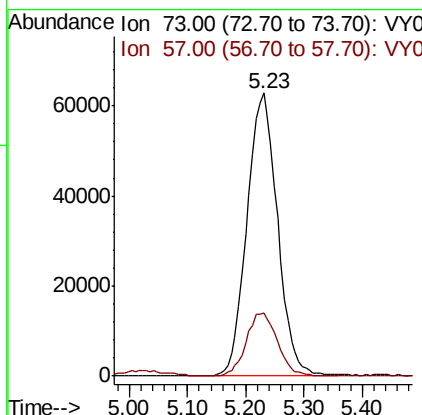




#19
Methvl tert-butvl Ether
Concen: 94.907 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

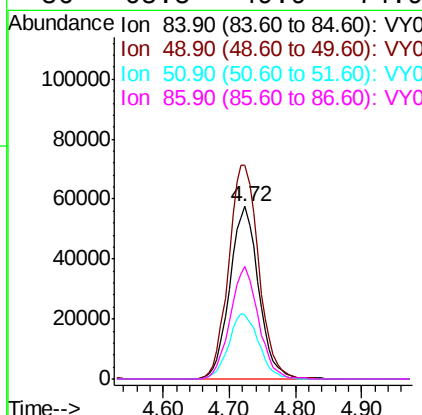
Instrument :
MSVOA_Y
ClientSampleId :

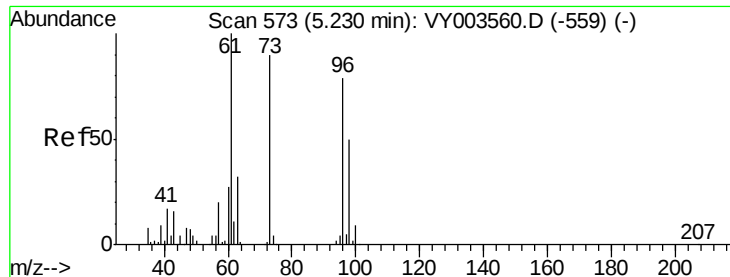
Tot Ion: 73 Resp: 229576
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.2



#20
Methylene Chloride
Concen: 79.811 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 84 Resp: 173931
Ion Ratio Lower Upper
84 100
49 123.7 99.0 148.6
51 37.3 30.5 45.7
86 65.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 94.376 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

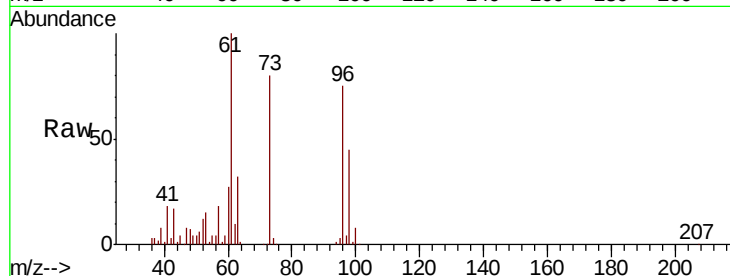
Tot Ion: 96 Resp: 171970

Ion Ratio Lower Upper

96 100

61 133.6 101.0 151.4

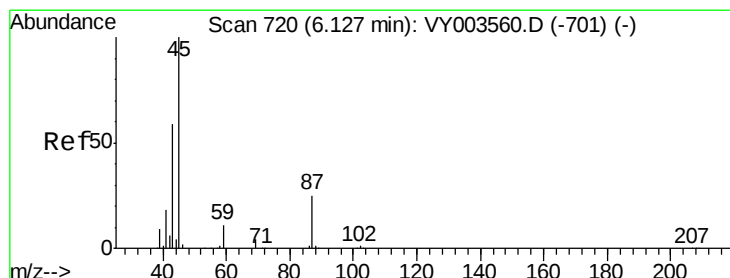
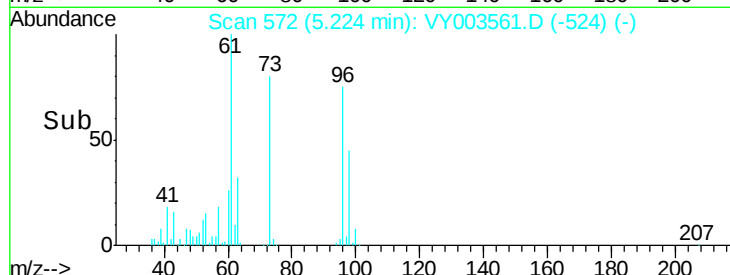
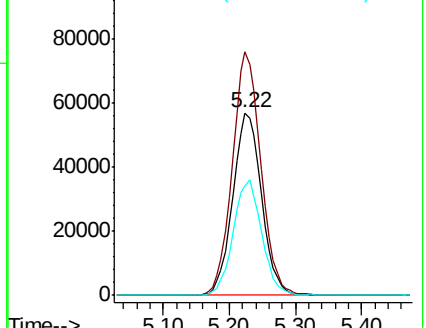
98 60.2 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VY003561.D (-524) (-)

Ion 60.90 (60.60 to 61.60): VY003561.D (-524) (-)

Ion 97.90 (97.60 to 98.60): VY003561.D (-524) (-)



#22

Diisopropyl ether

Concen: 99.789 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion: 45 Resp: 467300

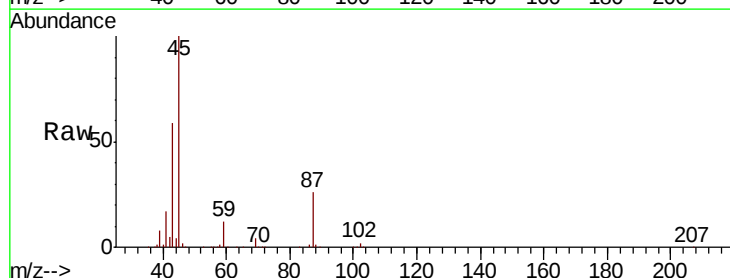
Ion Ratio Lower Upper

45 100

43 58.5 48.1 72.1

87 25.5 20.3 30.5

59 11.4 9.1 13.7

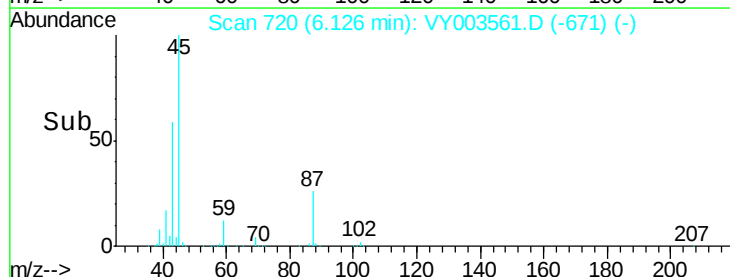
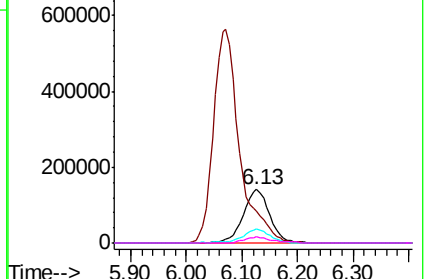


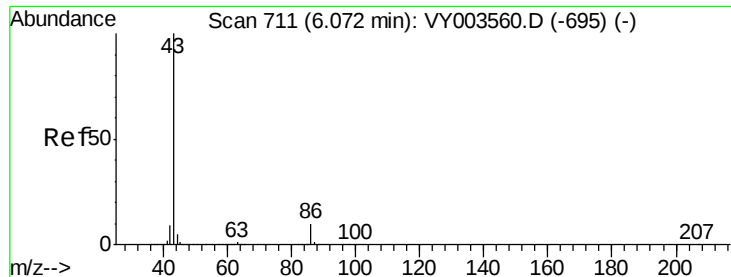
Abundance Ion 45.00 (44.70 to 45.70): VY003561.D (-671) (-)

Ion 43.00 (42.70 to 43.70): VY003561.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VY003561.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VY003561.D (-671) (-)





#23

Vinyl Acetate

Concen: 504.786 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

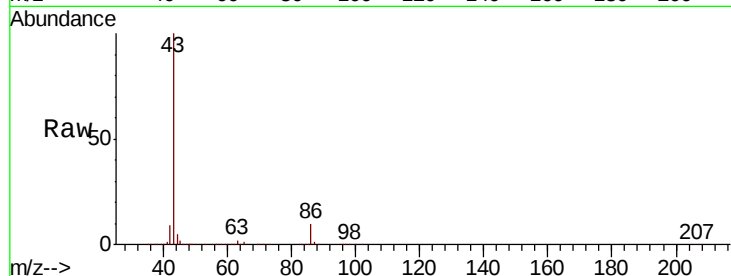
ClientSampleId :

Tot Ion: 43 Resp: 1837403

Ion Ratio Lower Upper

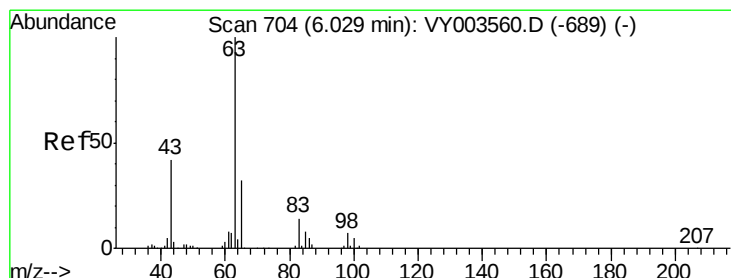
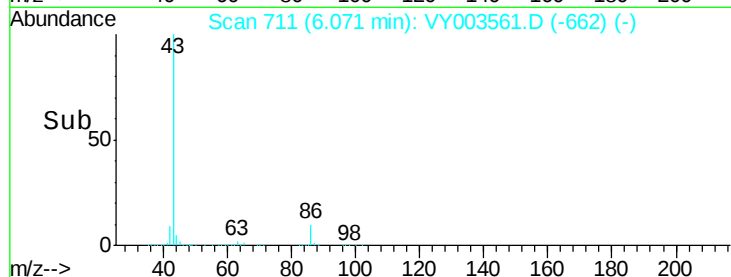
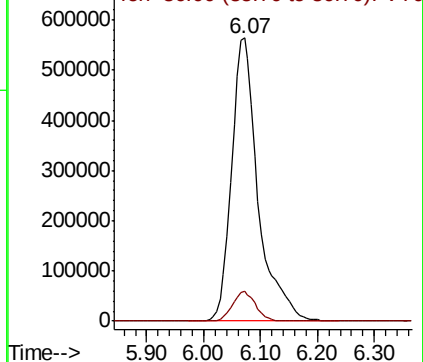
43 100

86 10.4 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 94.245 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

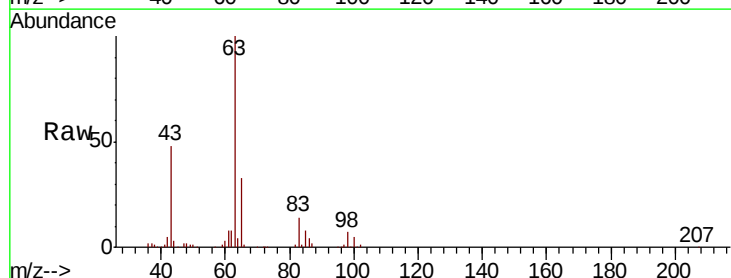
Tgt Ion: 63 Resp: 293756

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

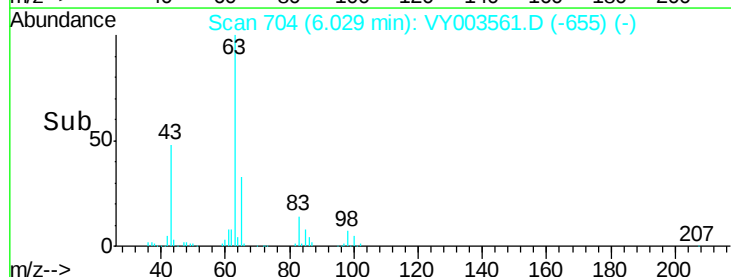
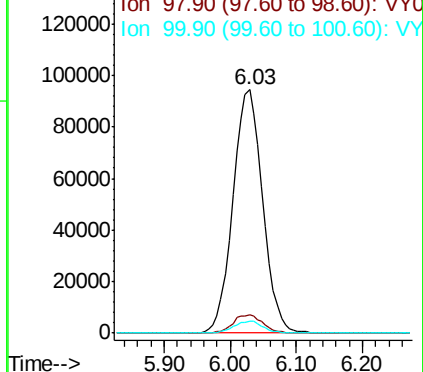
100 4.9 2.5 7.4

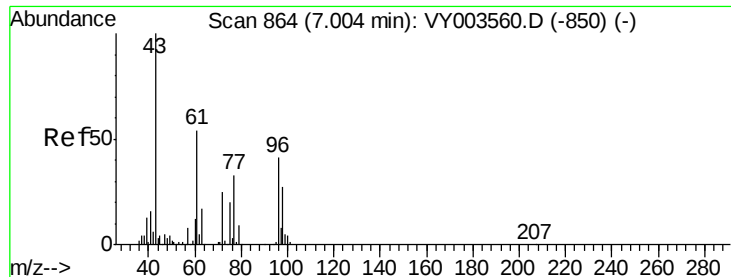


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

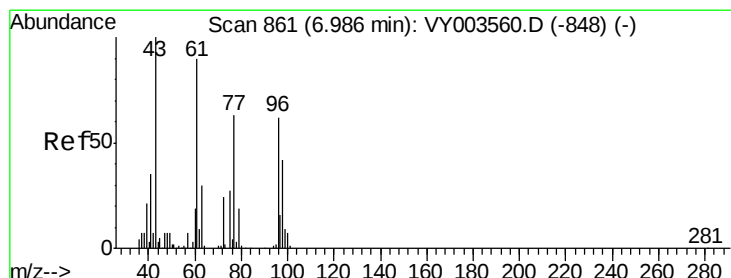
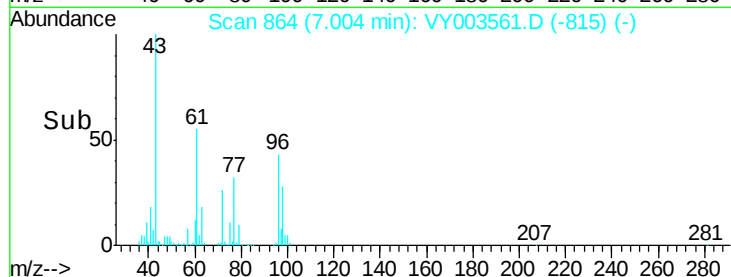
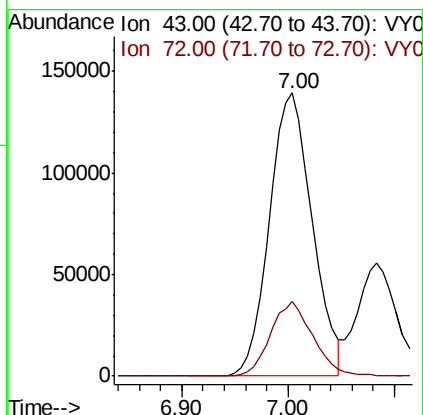
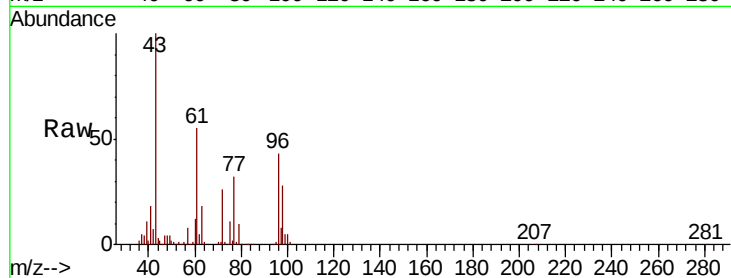




#25
2-Butanone
Concen: 521.003 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

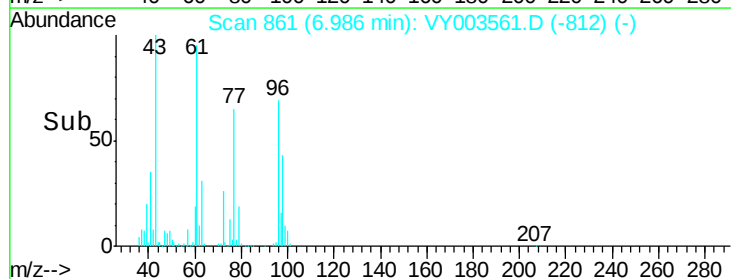
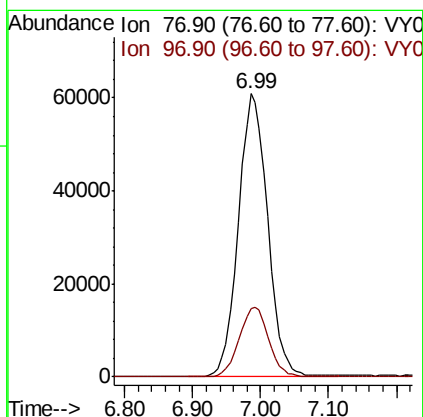
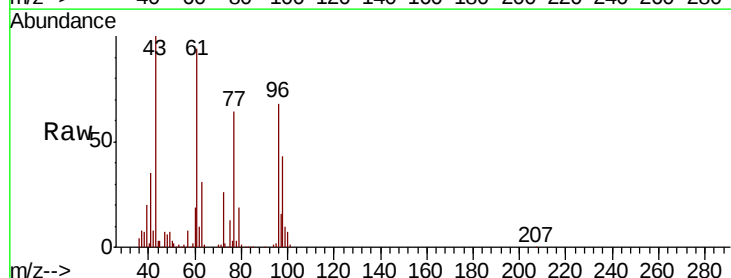
Instrument :
MSVOA_Y
ClientSampleId :

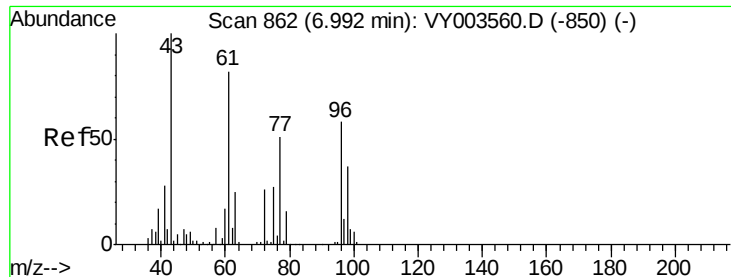
Tot Ion: 43 Resp: 387943
Ion Ratio Lower Upper
43 100
72 26.2 19.8 29.8



#26
2,2-Dichloropropane
Concen: 89.700 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 77 Resp: 182831
Ion Ratio Lower Upper
77 100
97 24.8 12.2 36.6



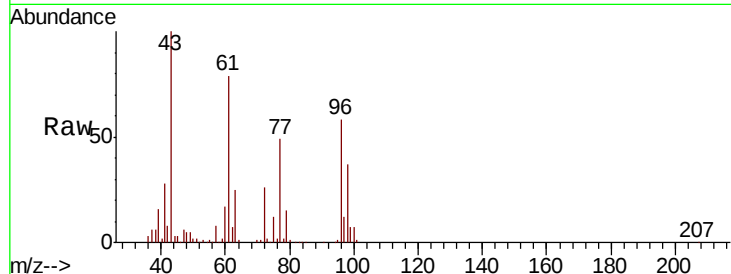


#27

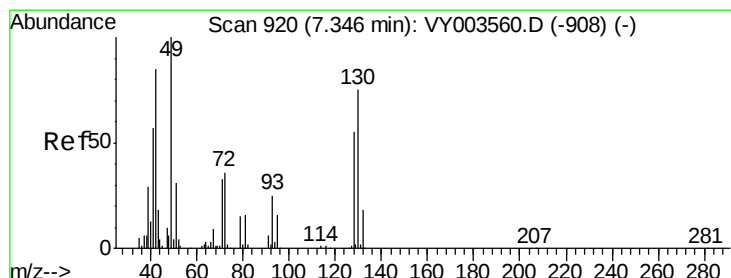
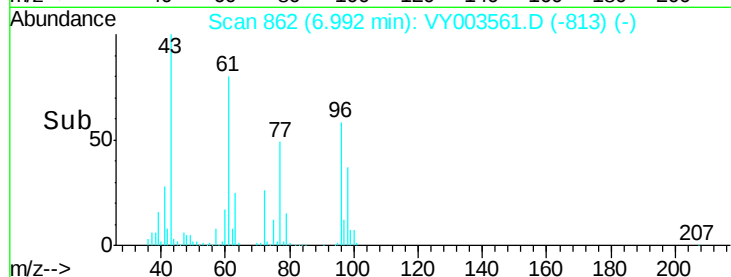
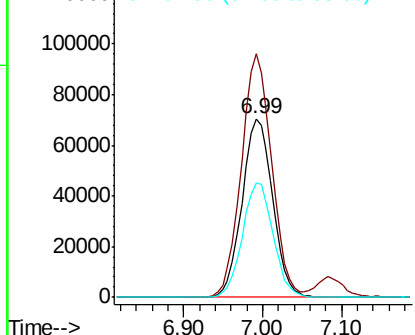
cis-1,2-Dichloroethene
 Concen: 96.431 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 190498
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 274.6
 98 64.4 0.0 130.6



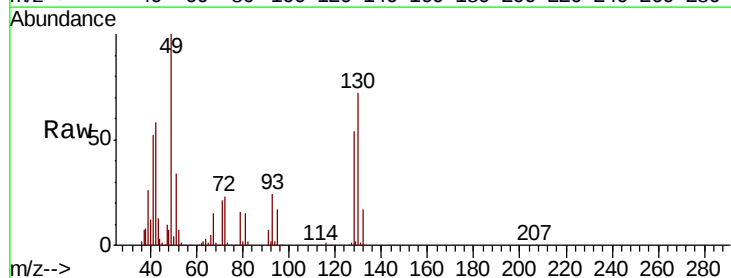
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



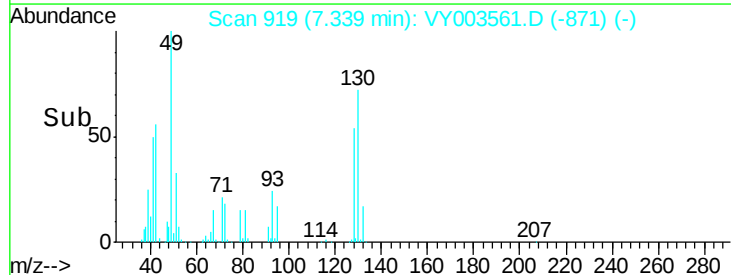
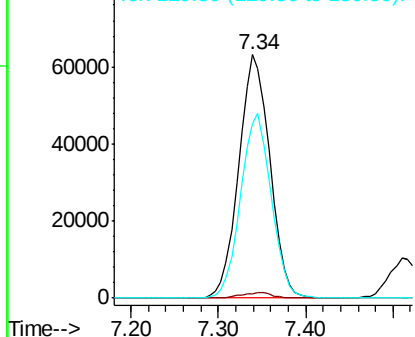
#28

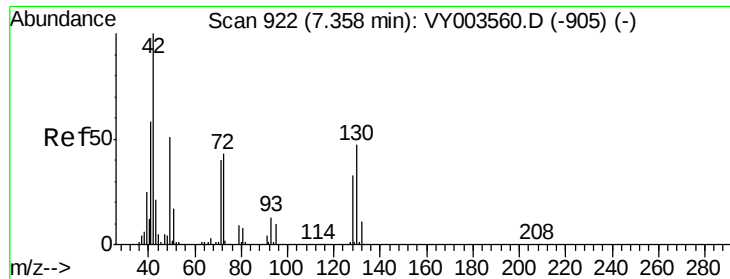
Bromochloromethane
 Concen: 102.613 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion: 49 Resp: 156566
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 74.7 61.0 91.6



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

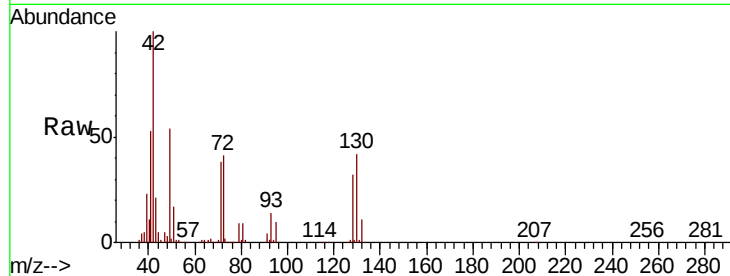




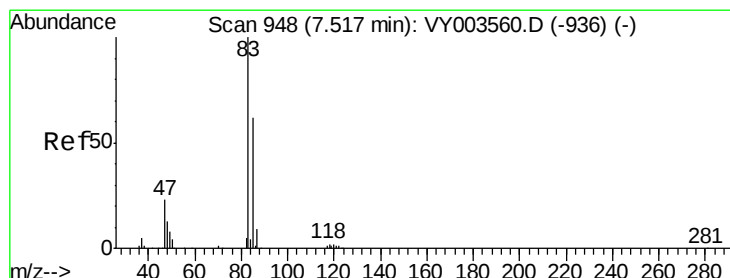
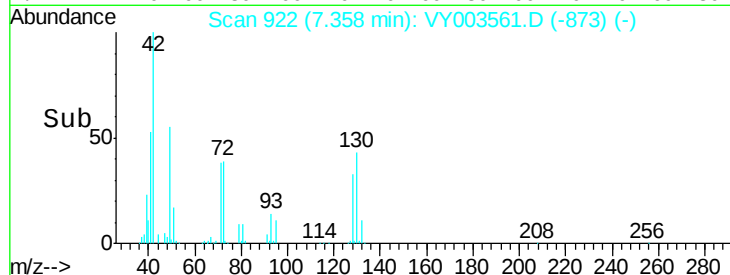
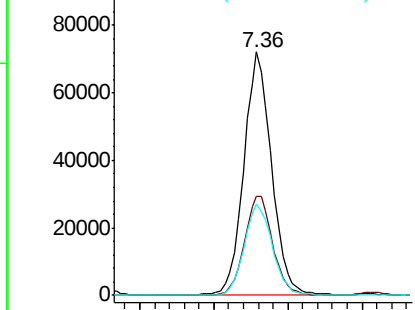
#29
Tetrahydrofuran
Concen: 483.509 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.6	49.0
71	38.1	30.2	45.2

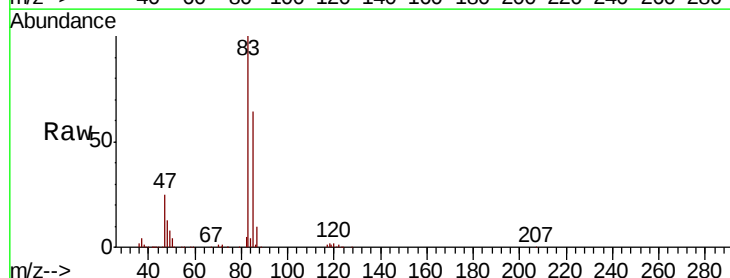


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

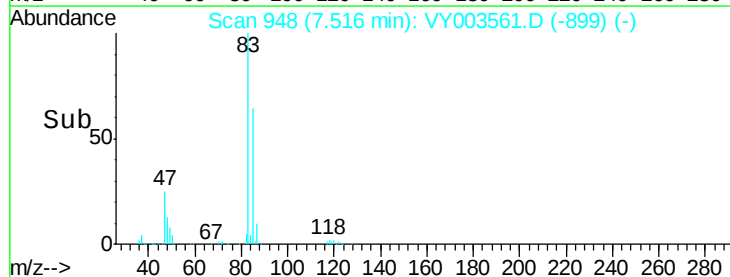
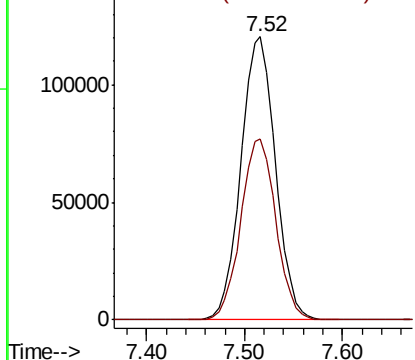


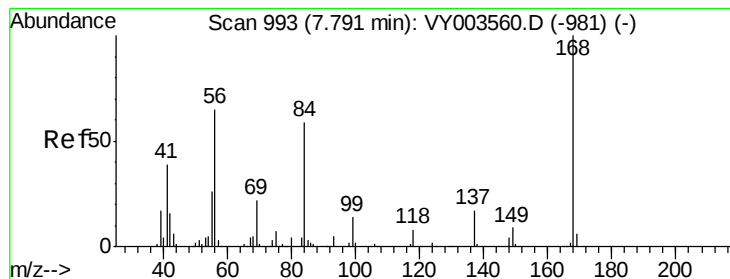
#30
Chloroform
Concen: 94.948 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.6	74.4



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





#31

Cyclohexane

Concen: 93.358 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :

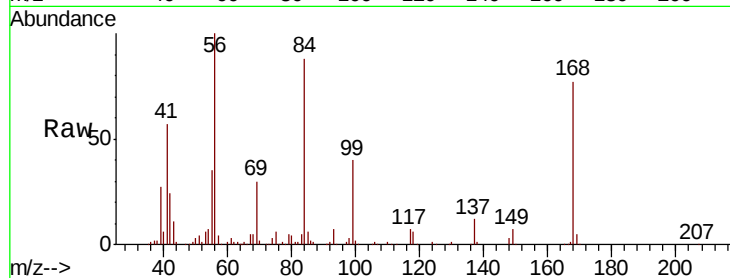
Tot Ion: 56 Resp: 231959

Ion Ratio Lower Upper

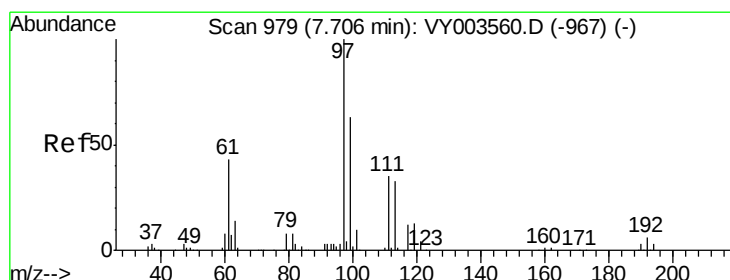
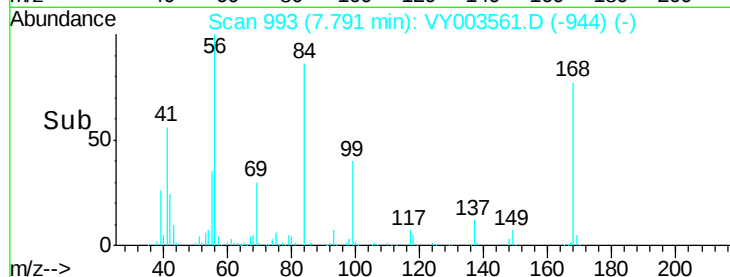
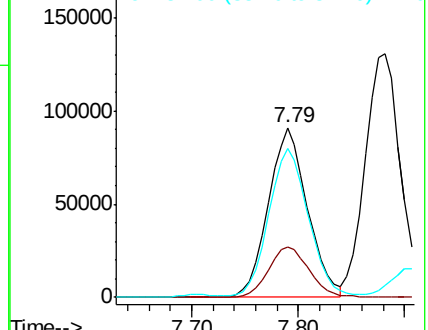
56 100

69 29.5 27.0 40.6

84 86.5 71.8 107.6



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: 96.827 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

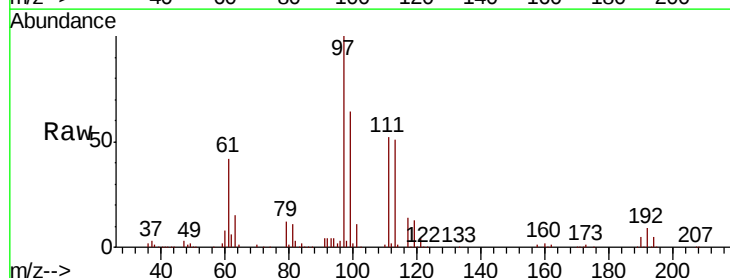
Tgt Ion: 97 Resp: 232730

Ion Ratio Lower Upper

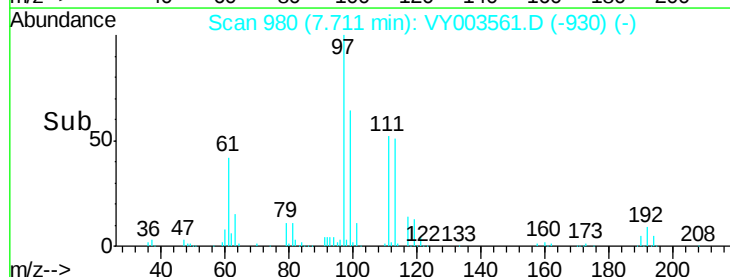
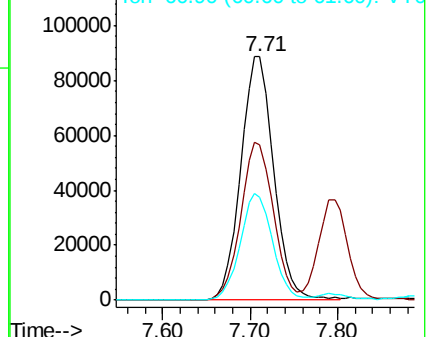
97 100

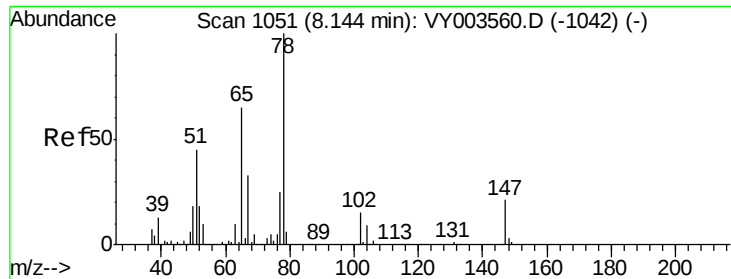
99 63.9 50.2 75.2

61 42.9 34.1 51.1



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

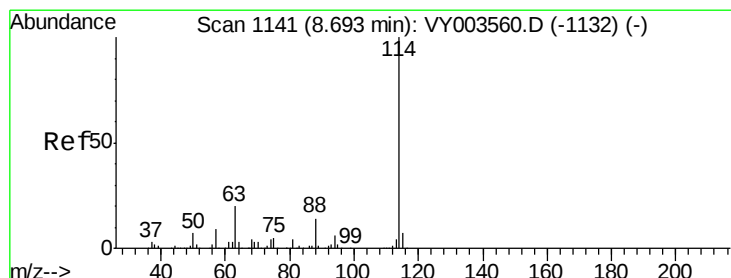
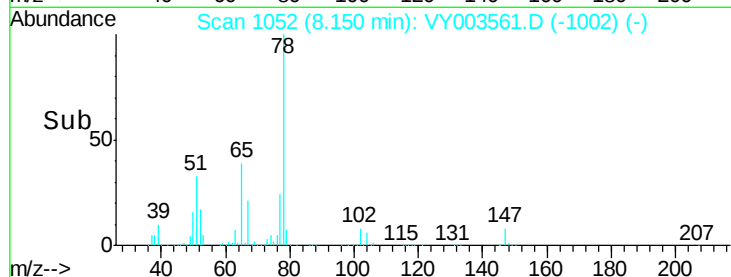
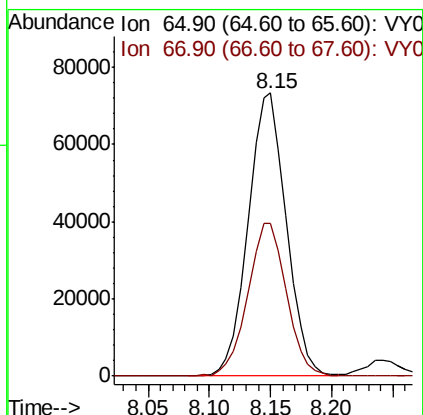
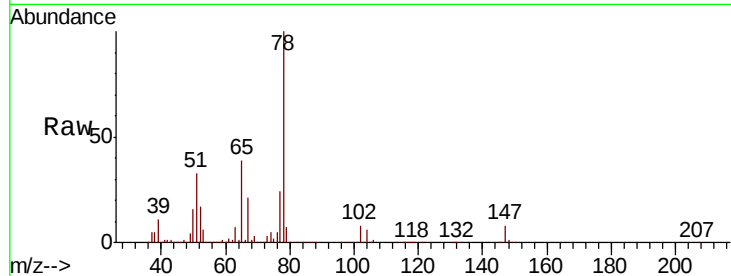




#33
 1,2-Dichloroethane-d4
 Concen: 92.348 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

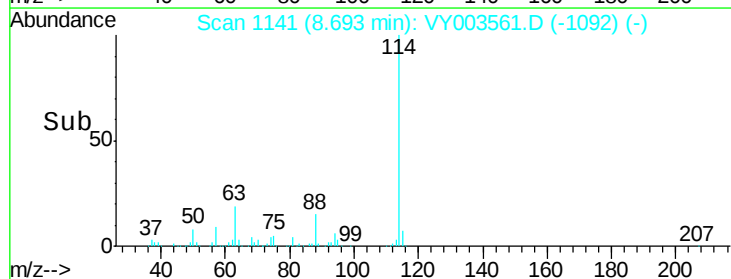
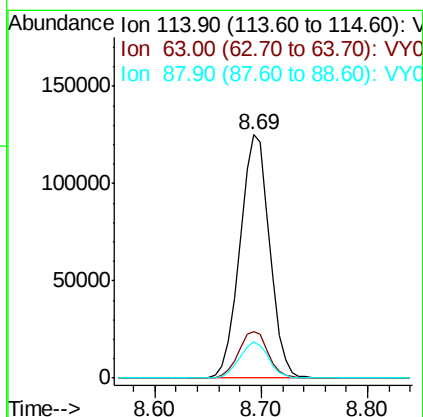
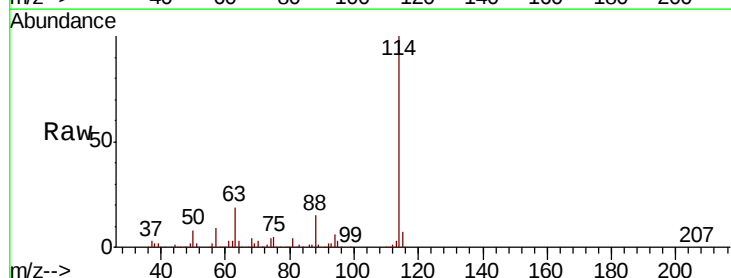
Instrument :
 MSVOA_Y
 ClientSampleId :

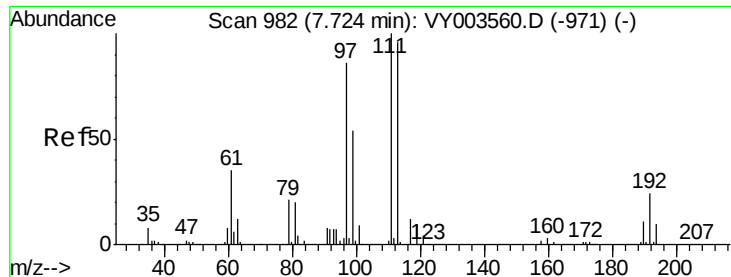
Tot Ion: 65 Resp: 158713
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion: 114 Resp: 245314
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 14.6 0.0 29.0

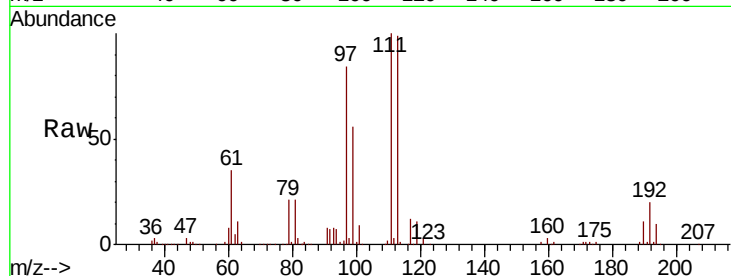




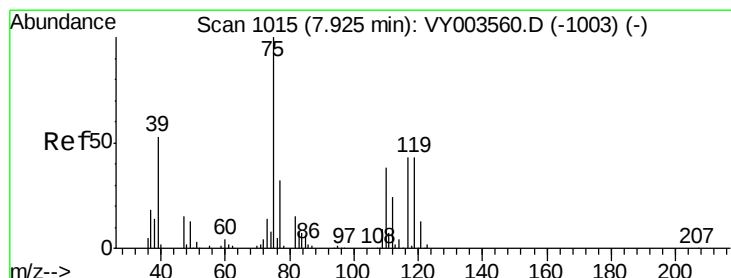
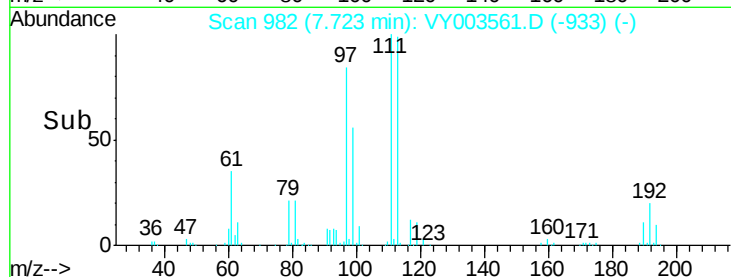
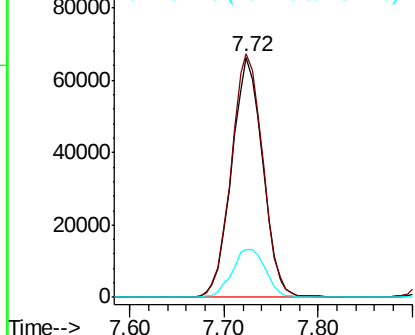
#35
 Dibromofluoromethane
 Concen: 94.678 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 152672
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.4 122.0
 192 21.6 18.1 27.1

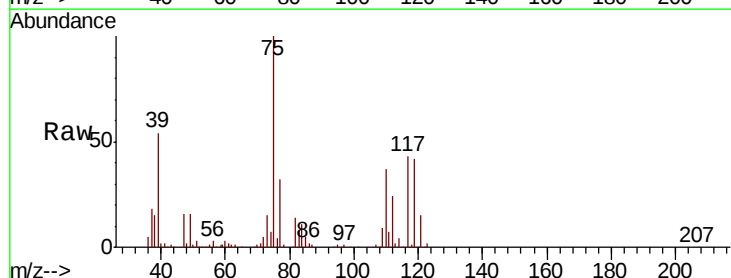


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

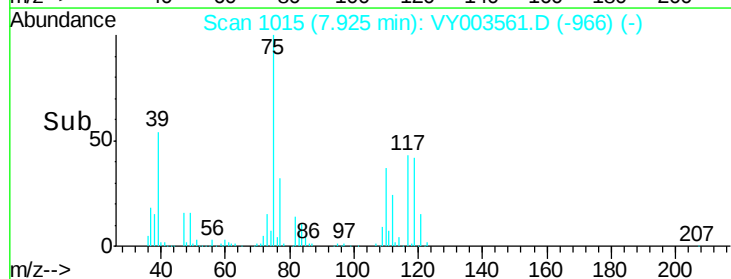
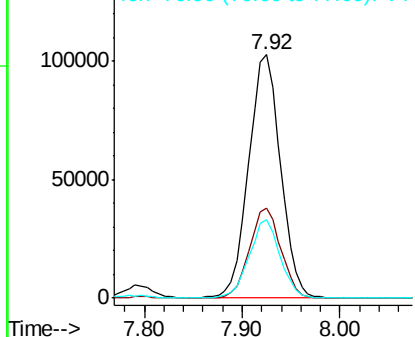


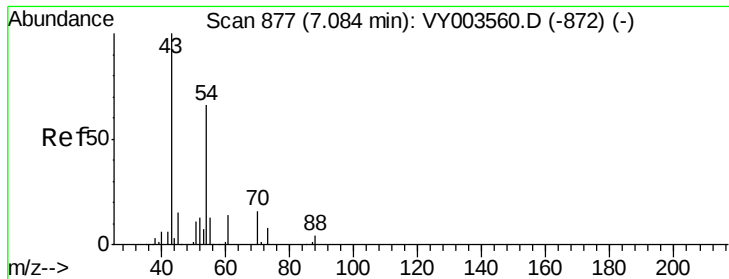
#36
 1,1-Dichloropropene
 Concen: 96.142 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion: 75 Resp: 232192
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.7 56.1
 77 31.4 25.4 38.2



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

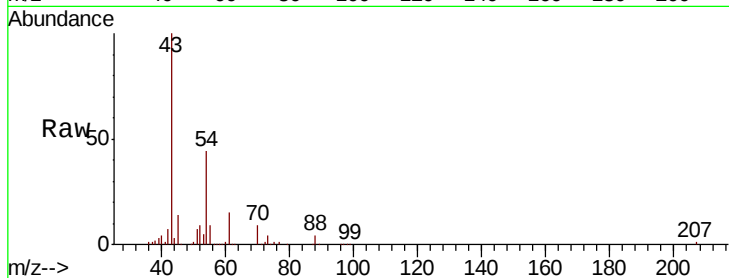




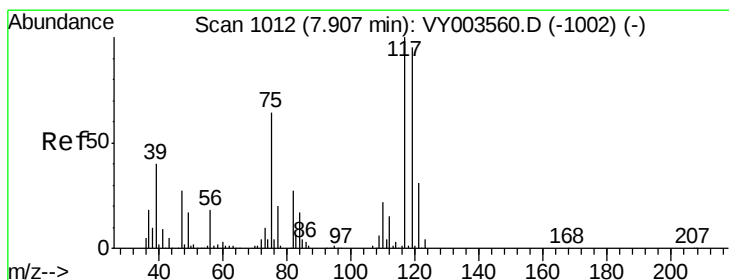
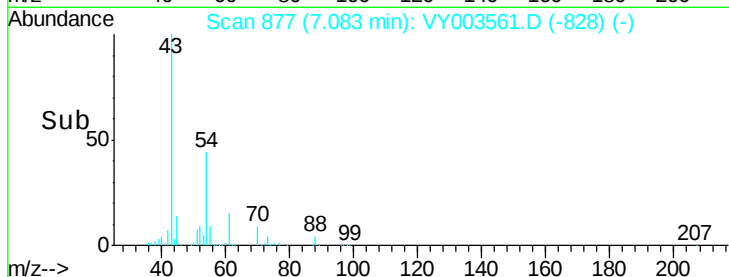
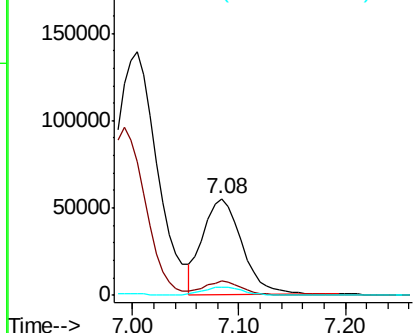
#37
Ethyl Acetate
Concen: 96.443 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 140360
Ion Ratio Lower Upper
43 100
61 13.7 10.3 15.5
70 9.3 7.5 11.3

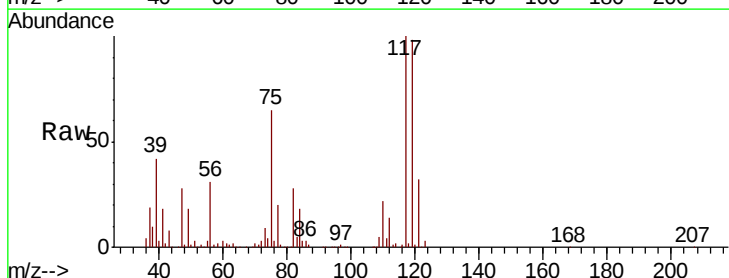


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

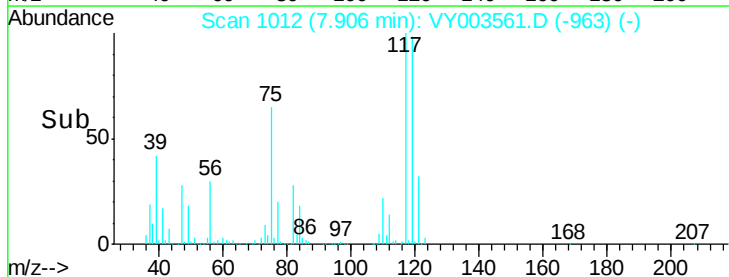
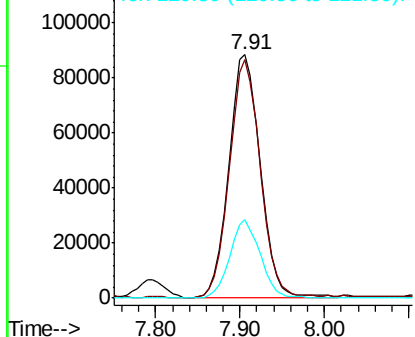


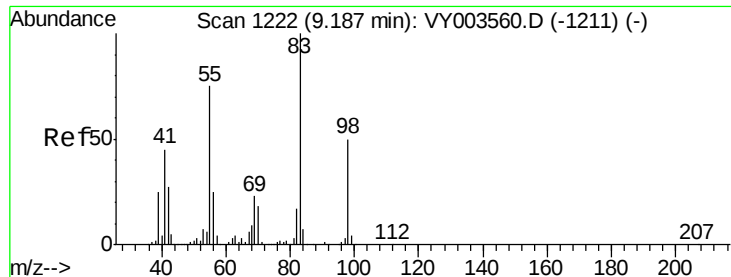
#38
Carbon Tetrachloride
Concen: 99.413 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 117 Resp: 222410
Ion Ratio Lower Upper
117 100
119 97.9 76.3 114.5
121 32.3 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

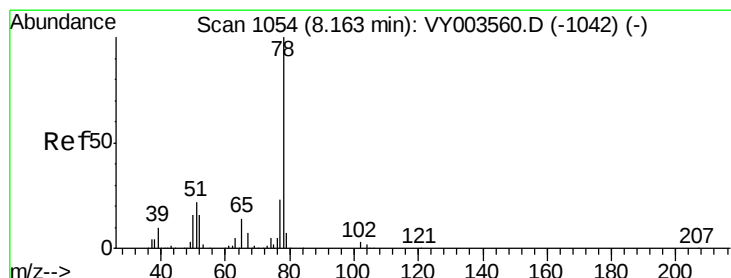
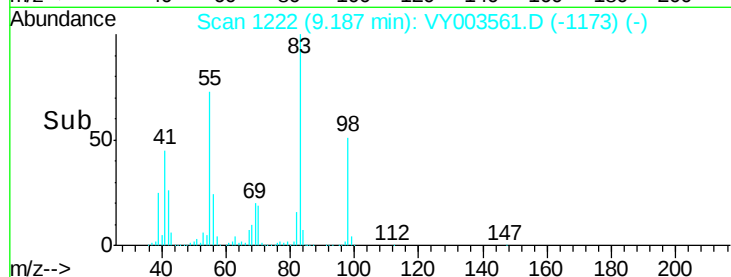
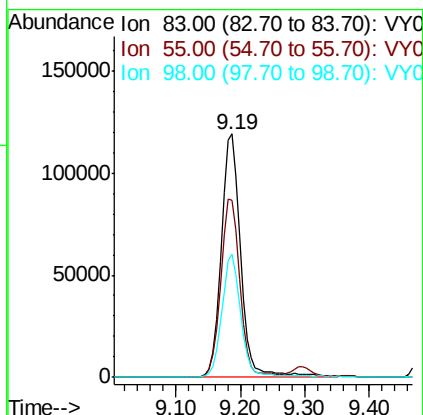
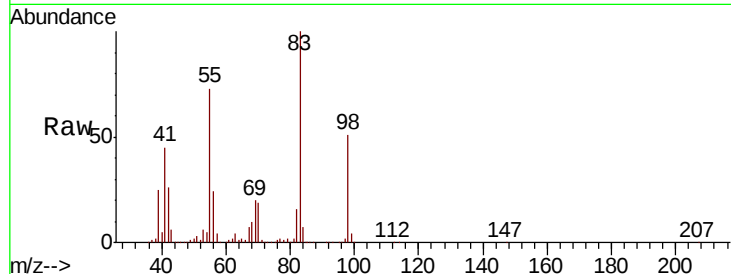




#39
Methvlcvclohexane
Concen: 104.763 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

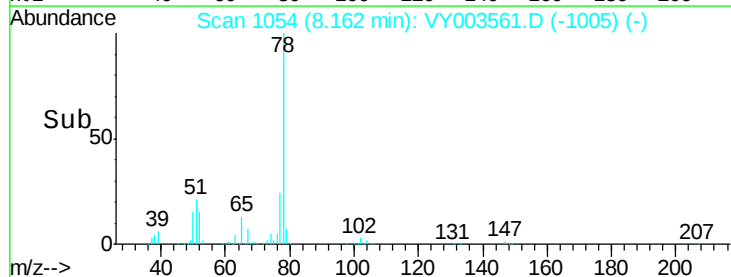
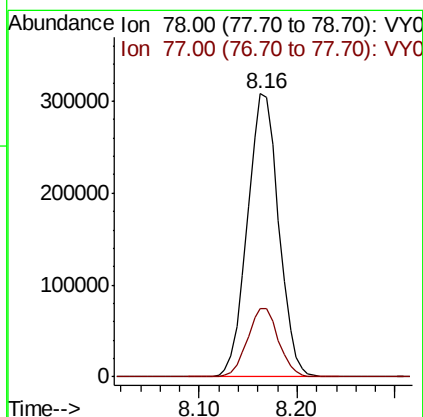
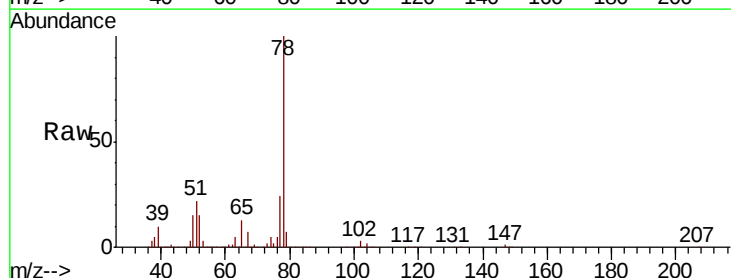
Instrument :
MSVOA_Y
ClientSampleId :

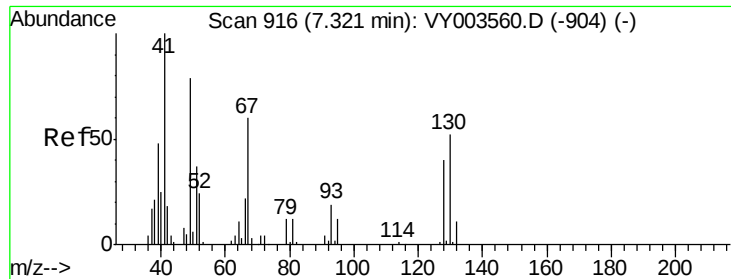
Tot Ion: 83 Resp: 257124
Ion Ratio Lower Upper
83 100
55 72.8 60.2 90.4
98 50.6 40.3 60.5



#40
Benzene
Concen: 95.751 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 78 Resp: 685513
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

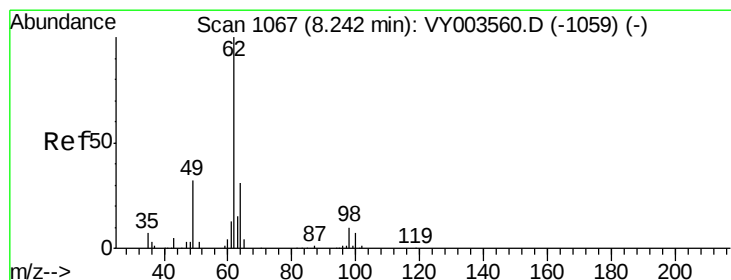
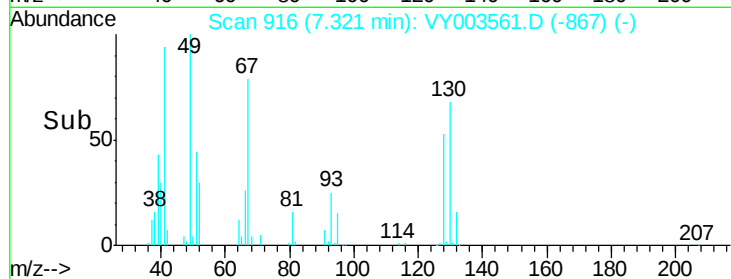
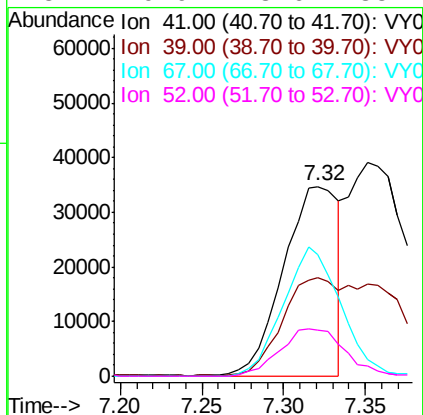
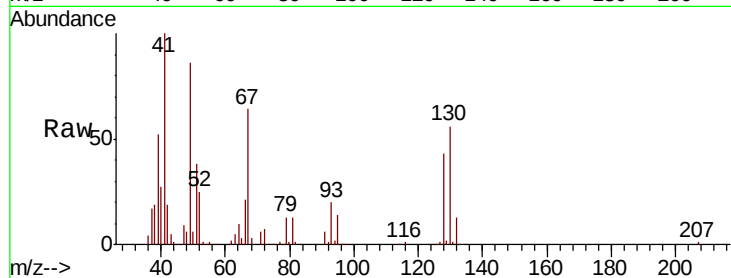




#41
Methacrylonitrile
Concen: 113.356 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

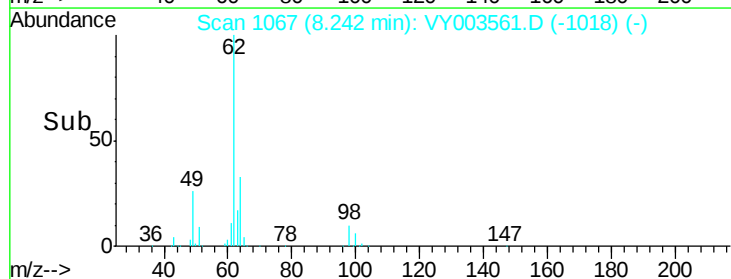
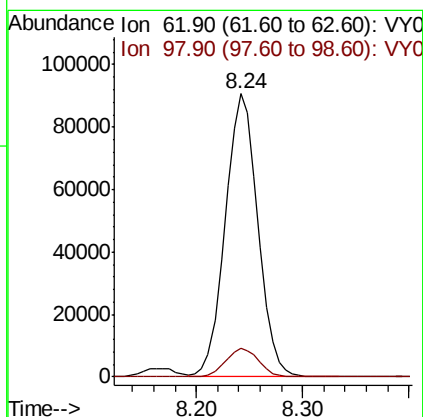
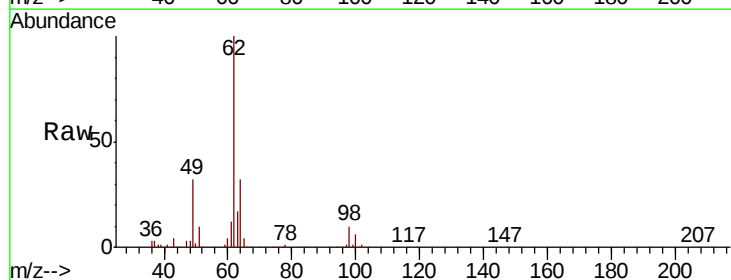
Instrument :
MSVOA_Y
ClientSampleId :

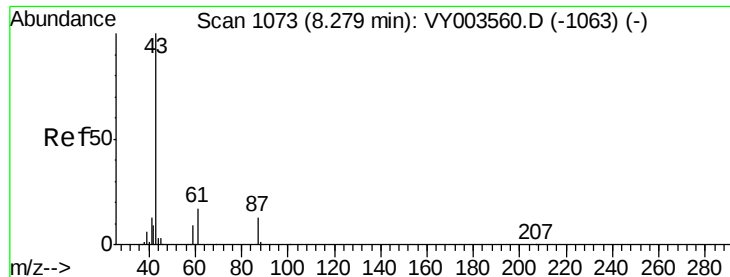
Tot Ion:	41	Resp:	81118
Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.4	62.0
67	71.8	57.2	85.8
52	29.9	23.6	35.4



#42
1,2-Dichloroethane
Concen: 95.030 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion:	62	Resp:	193542
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4



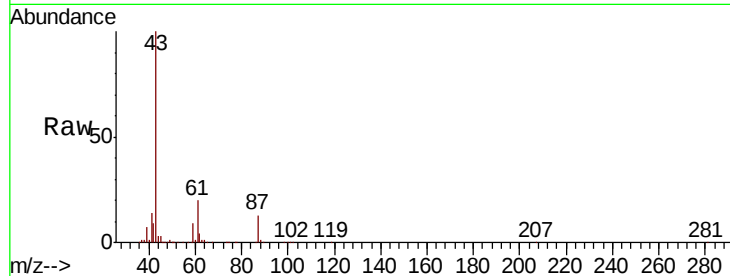


#43

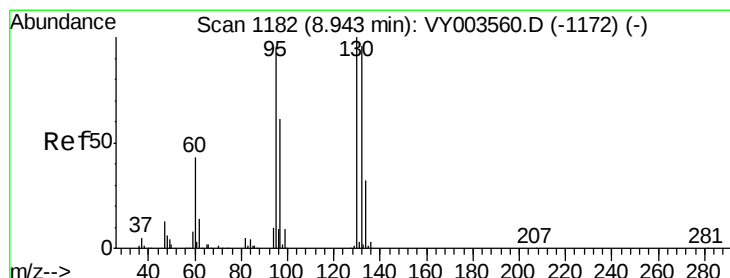
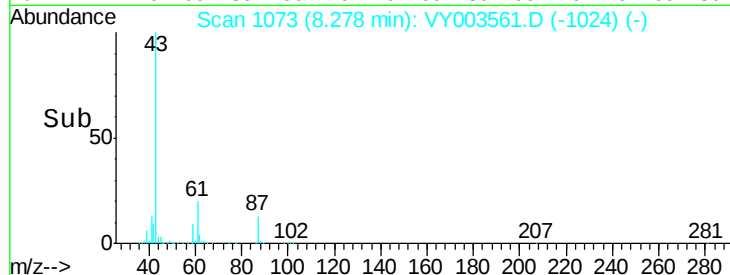
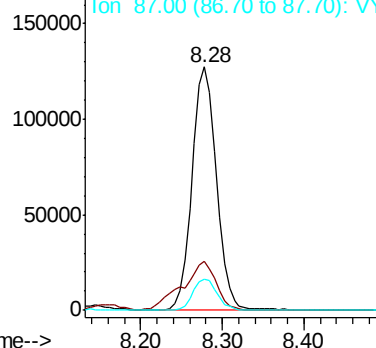
Isopropyl Acetate
 Concen: 98.960 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	264454
Ion Ratio	Lower	Upper	
43	100		
61	27.7	21.4	32.0
87	12.8	10.7	16.1



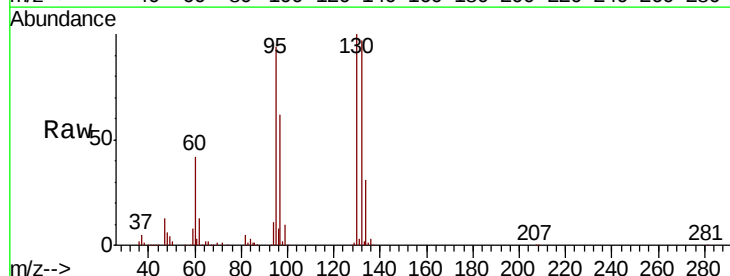
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



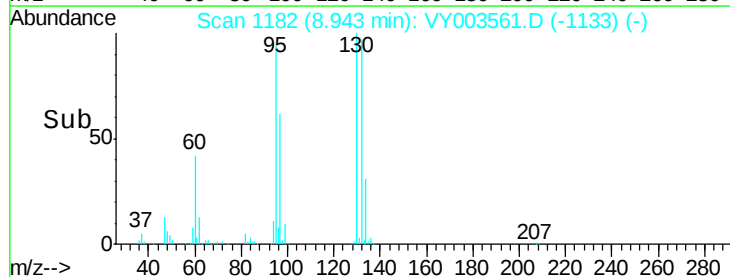
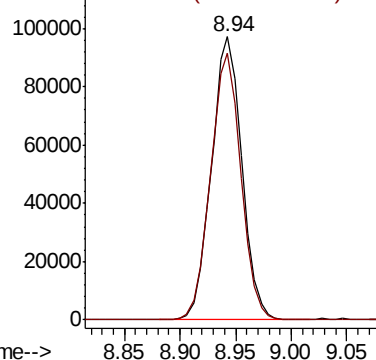
#44

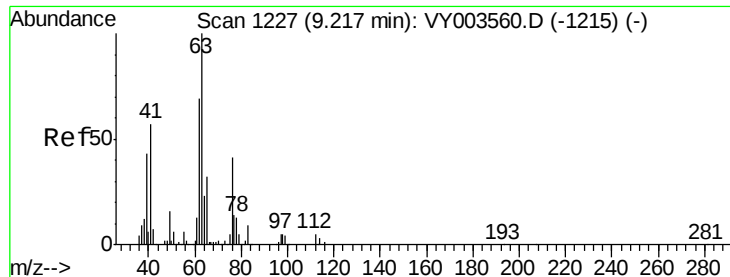
Trichloroethene
 Concen: 94.648 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	130	Resp	184638
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	189.2



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

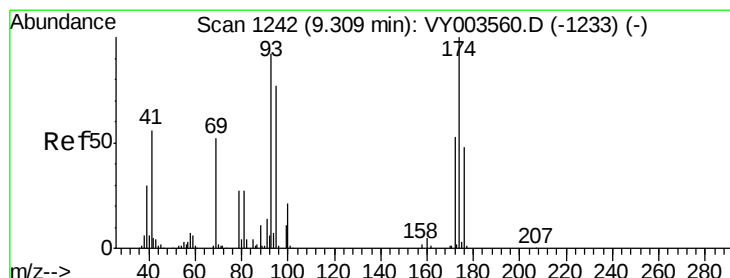
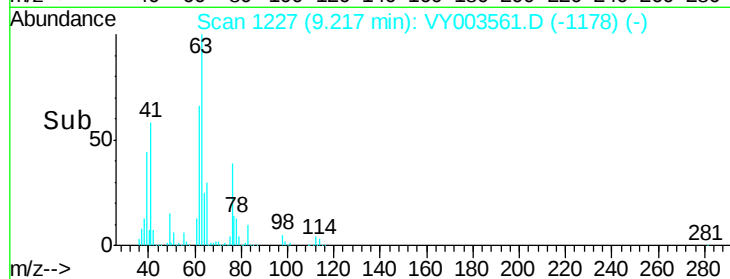
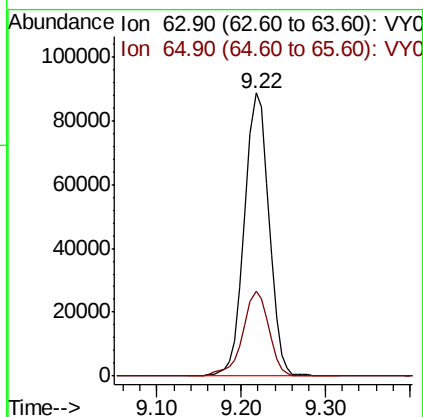
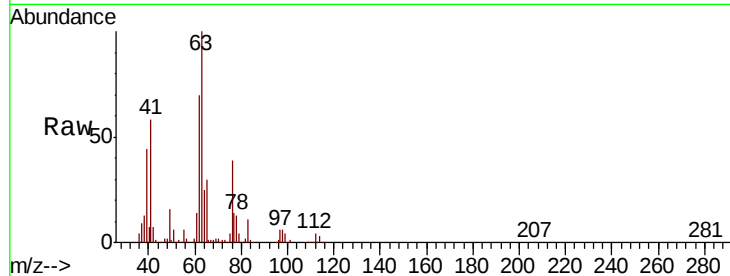




#45
 1,2-Dichloropropane
 Concen: 98.072 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

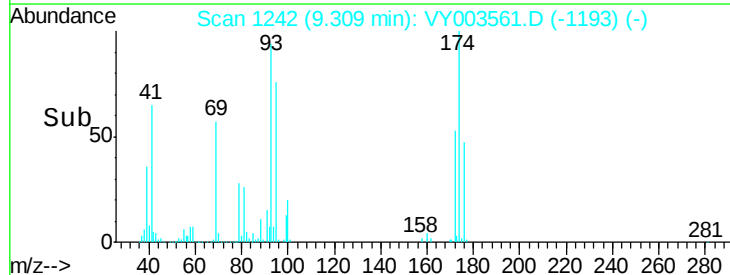
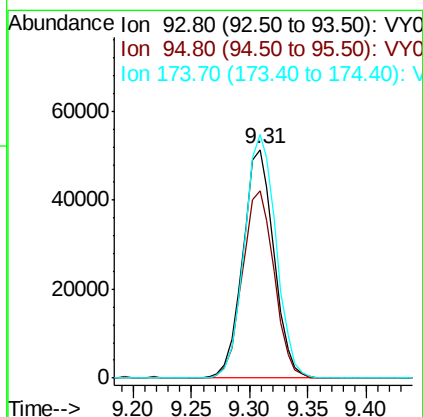
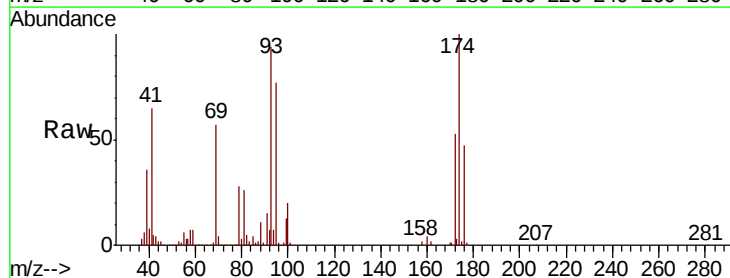
Instrument :
 MSVOA_Y
 ClientSampleId :

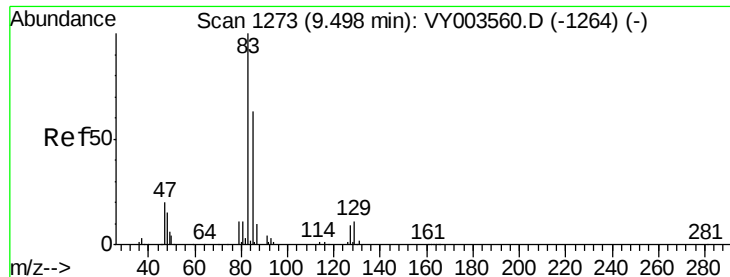
Tot Ion: 63 Resp: 174047
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.7 38.5



#46
 Dibromomethane
 Concen: 95.130 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion: 93 Resp: 96143
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.9 98.9
 174 108.4 86.8 130.2





#47

Bromodichloromethane

Concen: 96.961 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

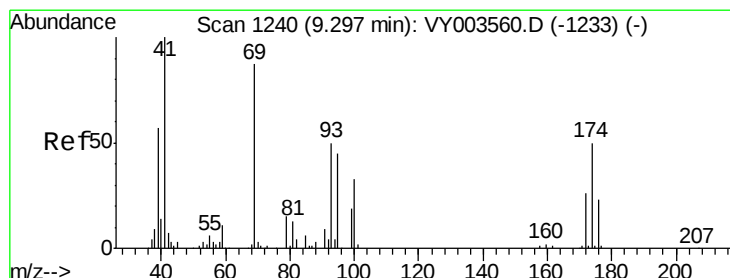
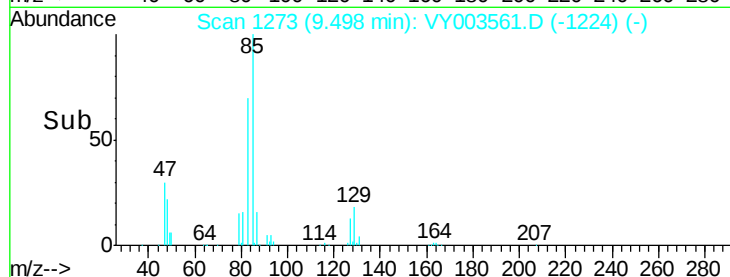
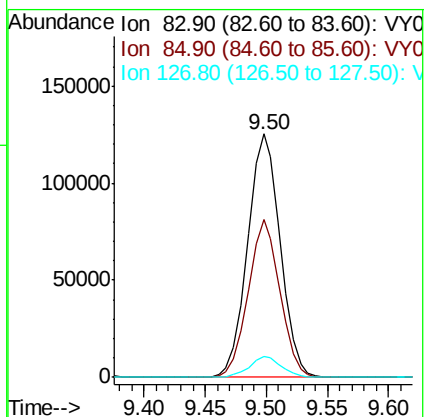
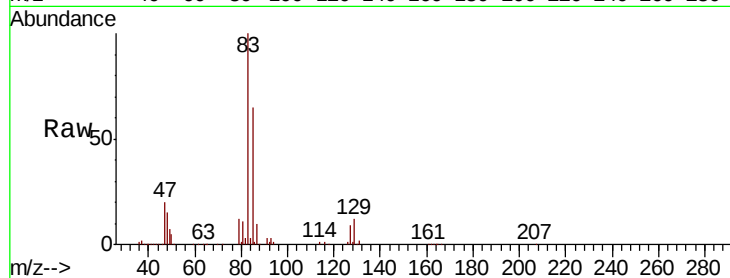
Tot Ion: 83 Resp: 232760

Ion Ratio Lower Upper

83 100

85 64.9 50.7 76.1

127 8.6 7.0 10.4



#48

Methyl methacrylate

Concen: 98.440 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

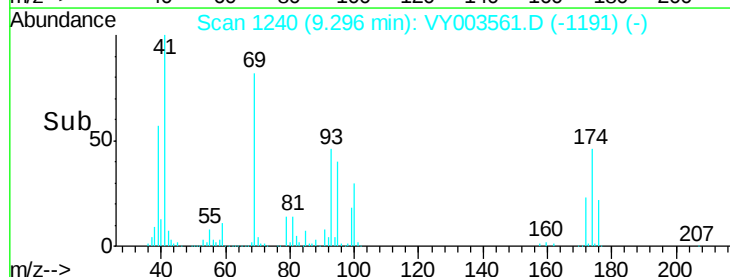
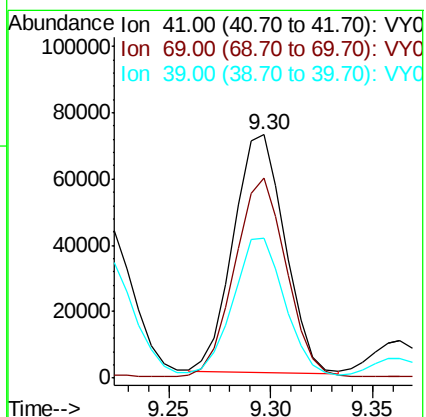
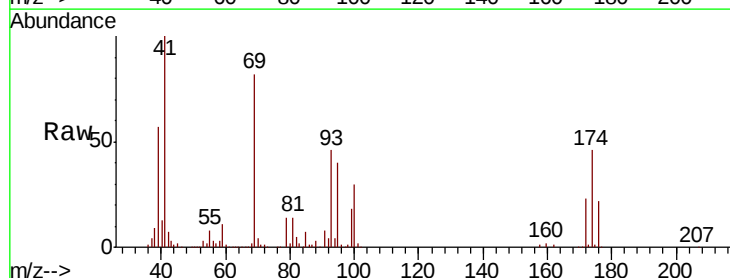
Tgt Ion: 41 Resp: 125925

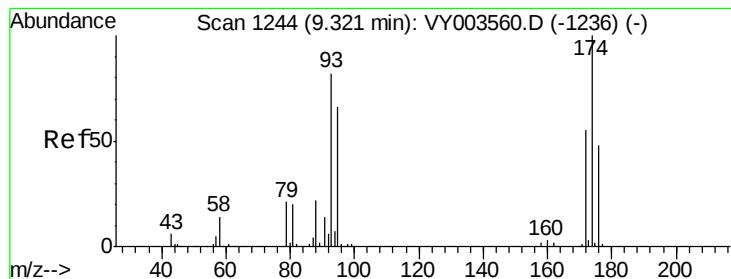
Ion Ratio Lower Upper

41 100

69 85.7 68.6 102.8

39 60.3 48.8 73.2





#49

1,4-Dioxane

Concen: 2072.995 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

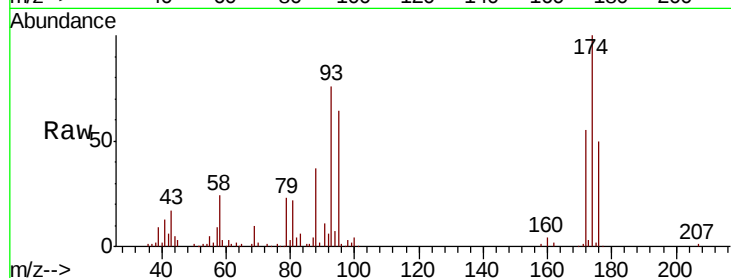
Tot Ion: 88 Resp: 24005

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

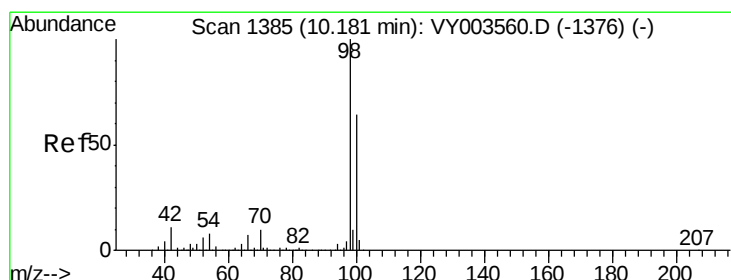
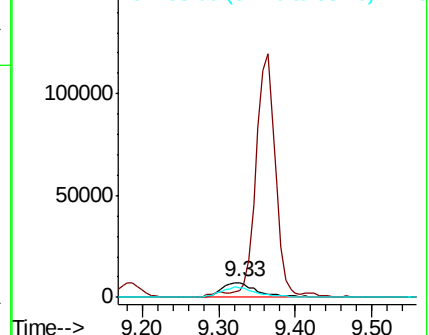
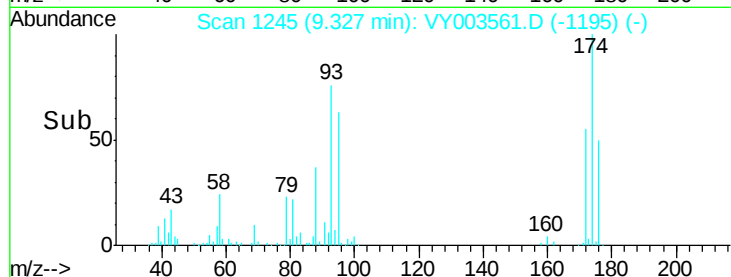
58 71.5 50.9 76.3



Abundance Ion 88.00 (87.70 to 88.70): VY003561.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VY003561.D (-1195) (-)

Ion 58.00 (57.70 to 58.70): VY003561.D (-1195) (-)



#50

Toluene-d8

Concen: 94.473 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003561.D

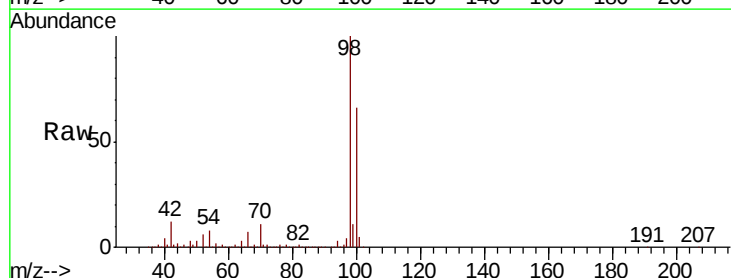
Acq: 20 Nov 2020 11:40

Tgt Ion: 98 Resp: 592381

Ion Ratio Lower Upper

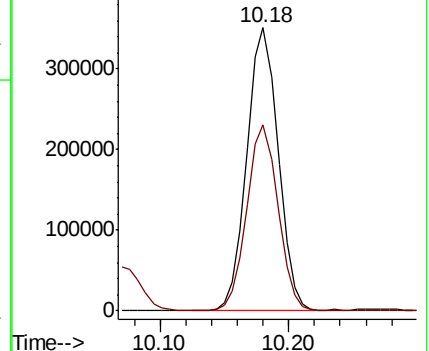
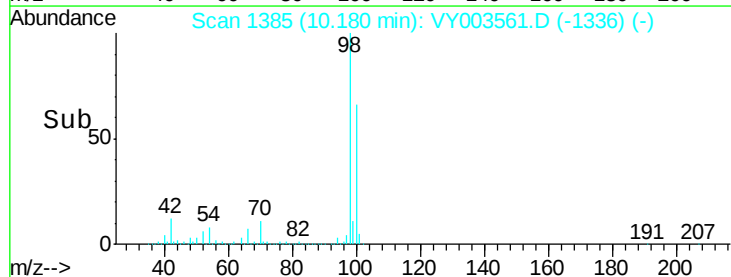
98 100

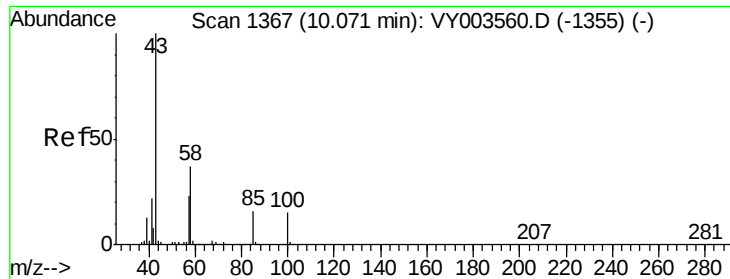
100 64.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VY003561.D (-1336) (-)

Ion 100.00 (99.70 to 100.70): VY003561.D (-1336) (-)

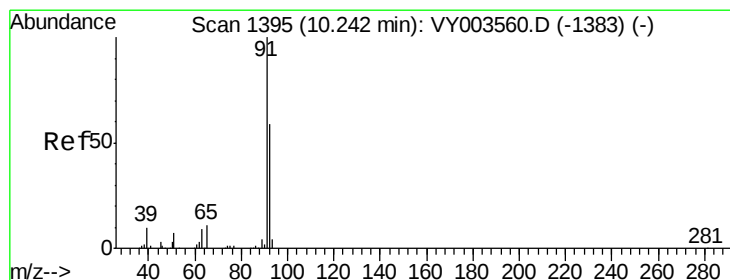
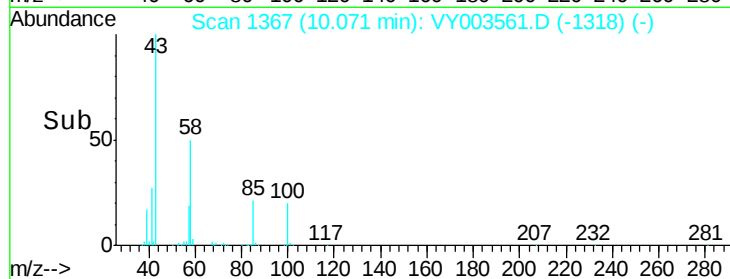
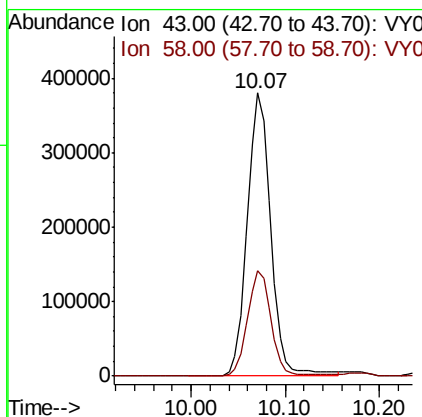
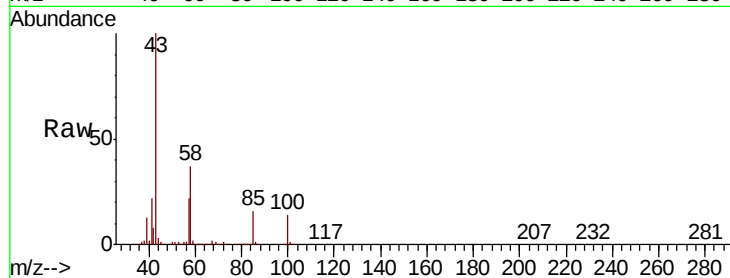




#51
 4-Methyl-2-Pentanone
 Concen: 523.658 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

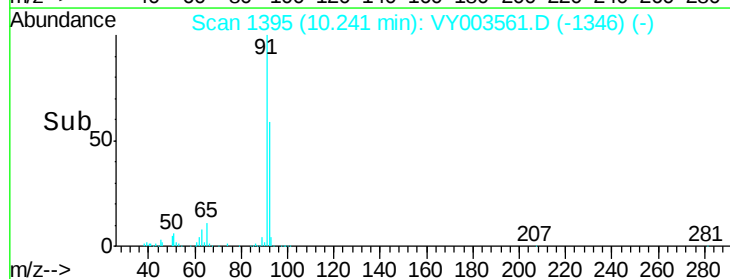
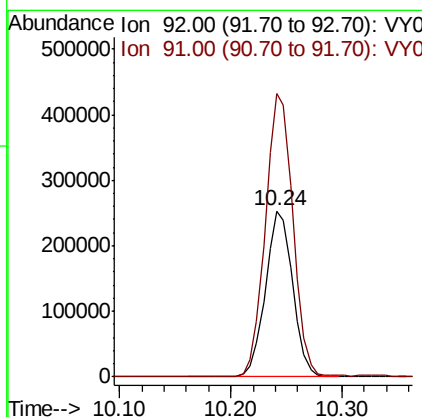
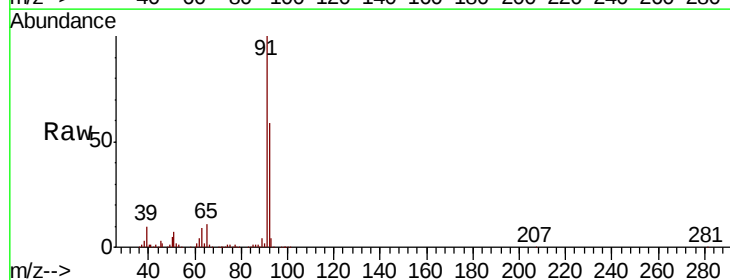
Instrument :
 MSVOA_Y
 ClientSampled :

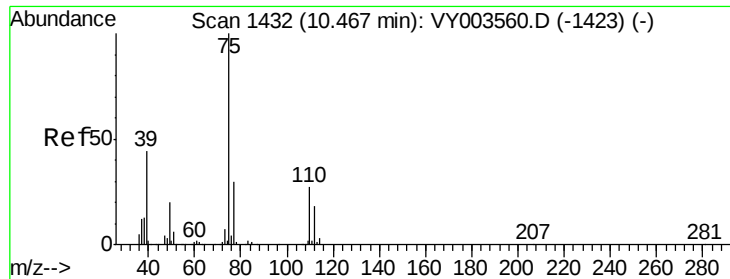
Tot Ion: 43 Resp: 670684
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.8 44.8



#52
 Toluene
 Concen: 97.963 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion: 92 Resp: 429422
 Ion Ratio Lower Upper
 92 100
 91 173.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 99.574 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

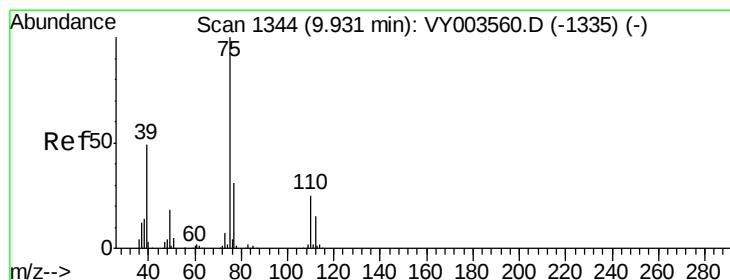
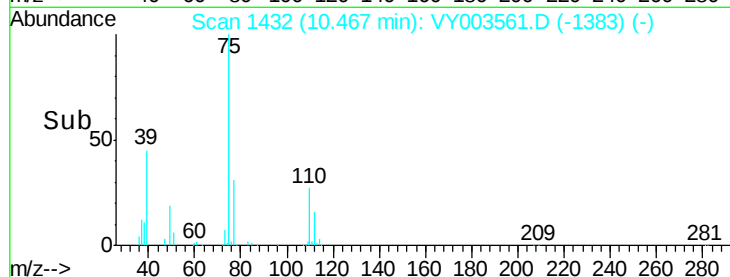
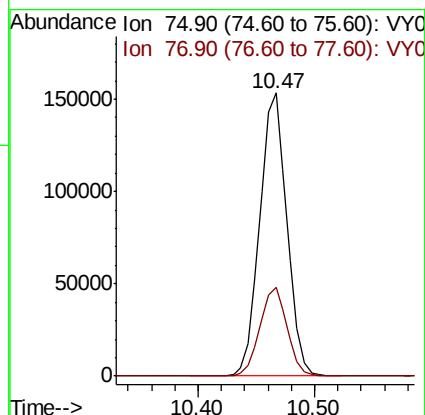
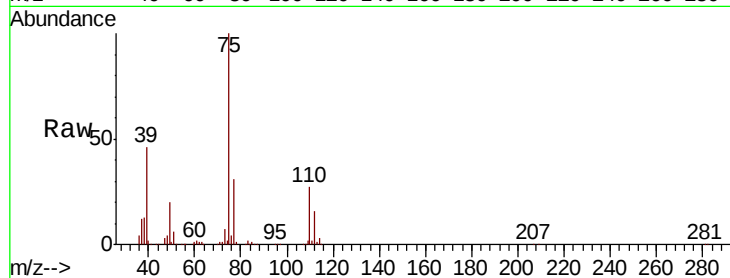
ClientSampleId :

Tot Ion: 75 Resp: 250177

Ion Ratio Lower Upper

75 100

77 31.3 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 98.645 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

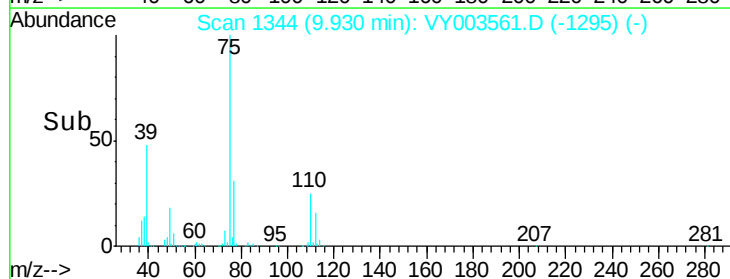
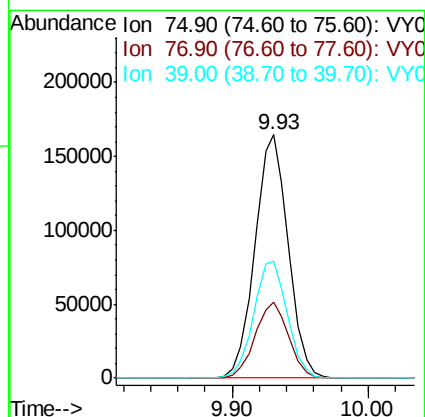
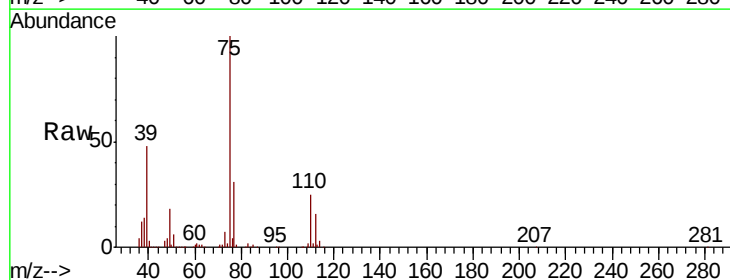
Tgt Ion: 75 Resp: 282089

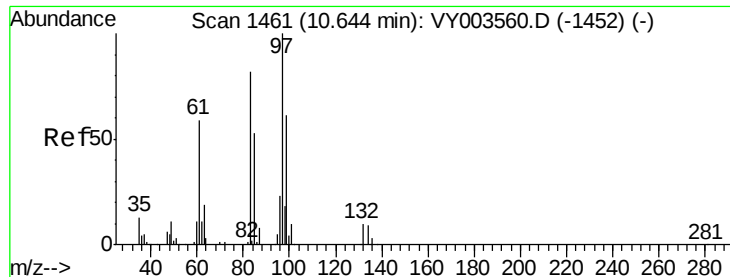
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 47.9 38.9 58.3

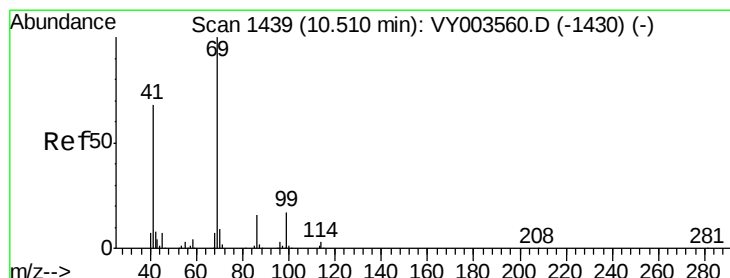
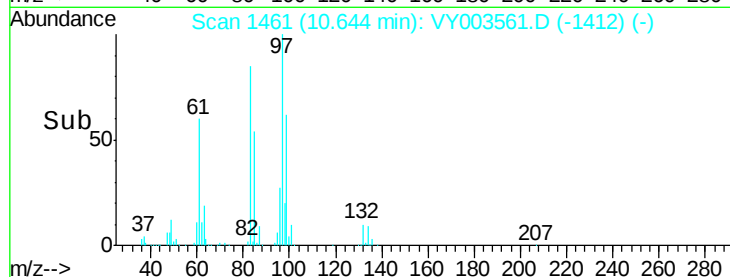
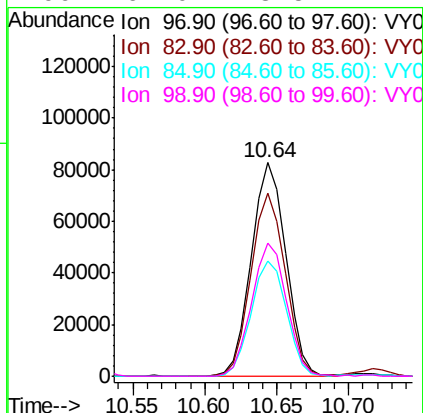
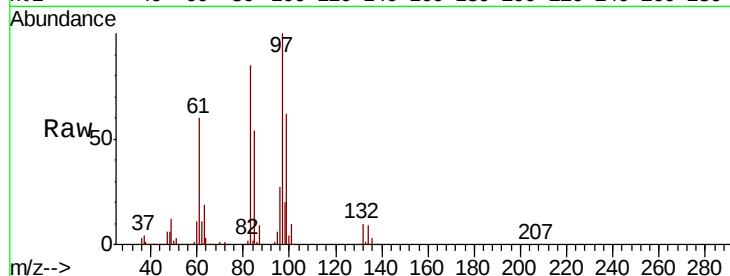




#55
 1,1,2-Trichloroethane
 Concen: 95.940 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

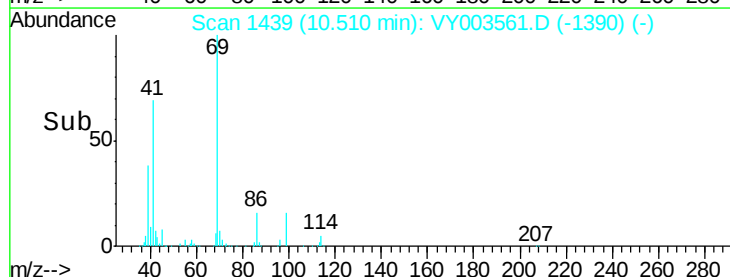
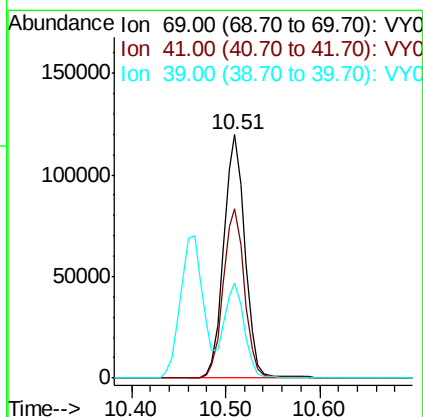
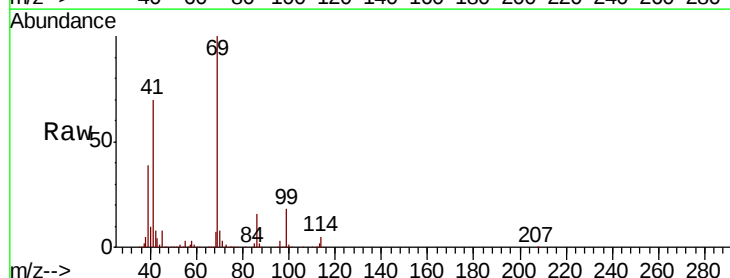
Instrument :
 MSVOA_Y
 ClientSampleId :

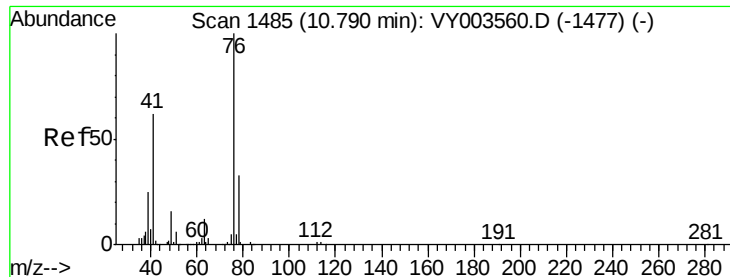
Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.2	97.8
85	53.6	42.4	63.6
99	62.0	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 107.463 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.4	83.0
39	38.4	30.2	45.2





#57

1,3-Dichloropropane

Concen: 97.236 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

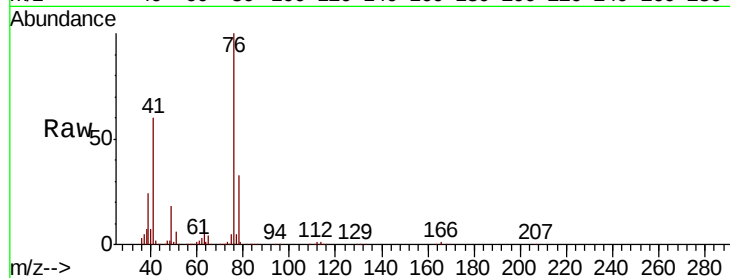
ClientSampleId :

Tot Ion: 76 Resp: 235919

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

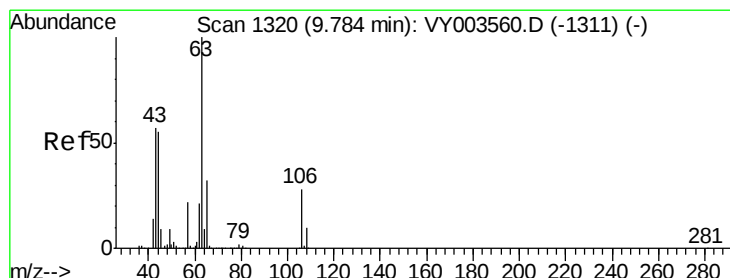
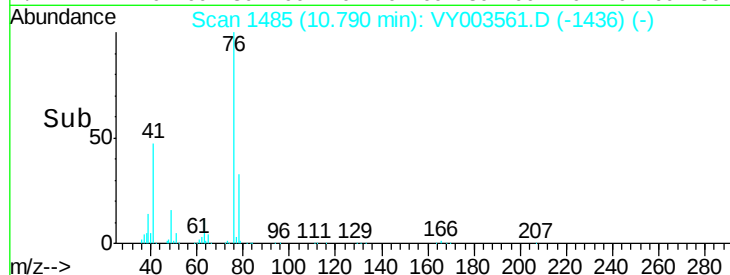
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 499.762 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003561.D

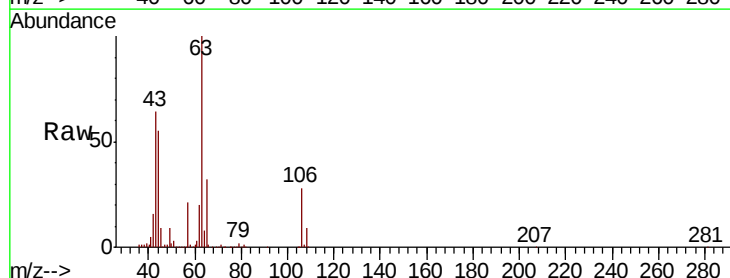
Acq: 20 Nov 2020 11:40

Tgt Ion: 63 Resp: 446779

Ion Ratio Lower Upper

63 100

106 28.4 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

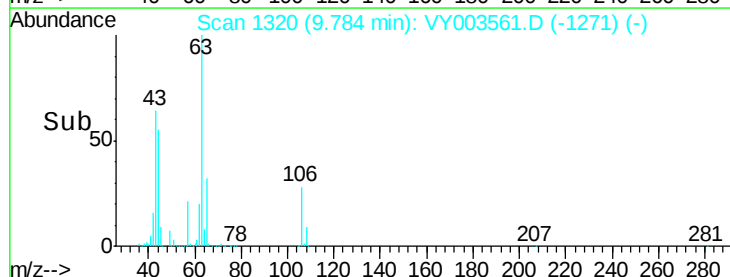
150000

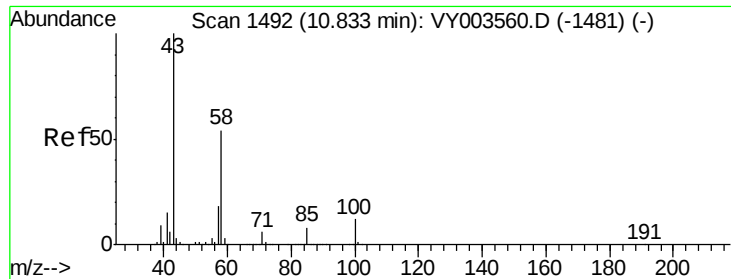
100000

50000

0

Time-->

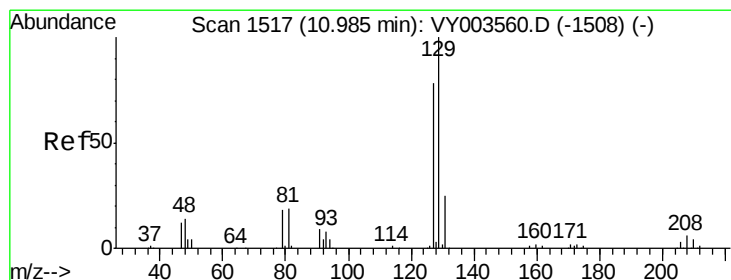
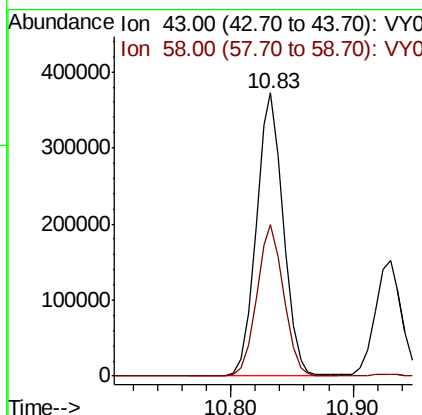
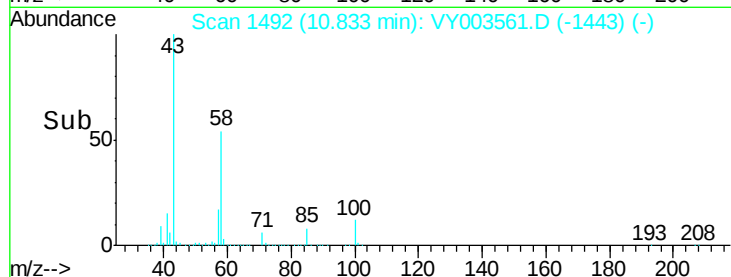
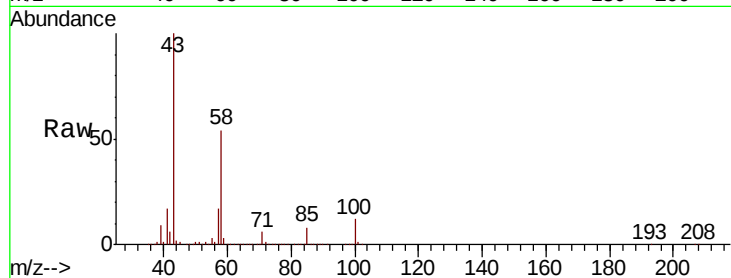




#59
2-Hexanone
Concen: 542.581 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

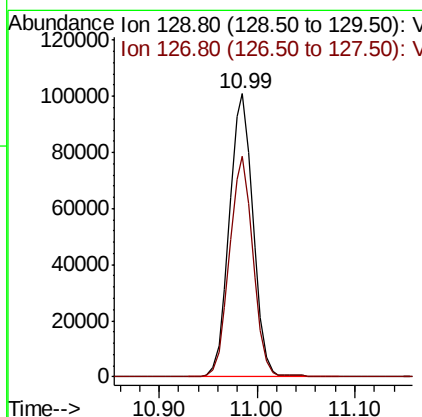
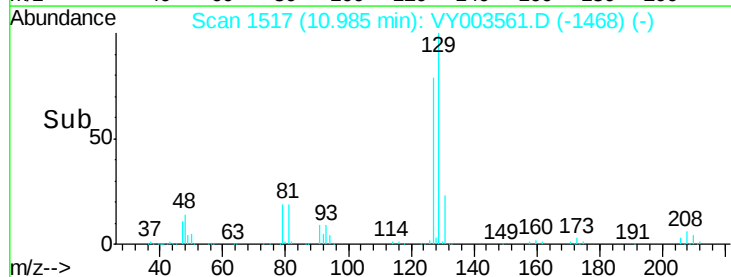
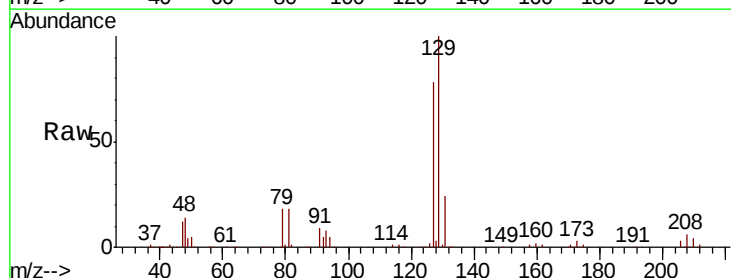
Instrument :
MSVOA_Y
ClientSampleId :

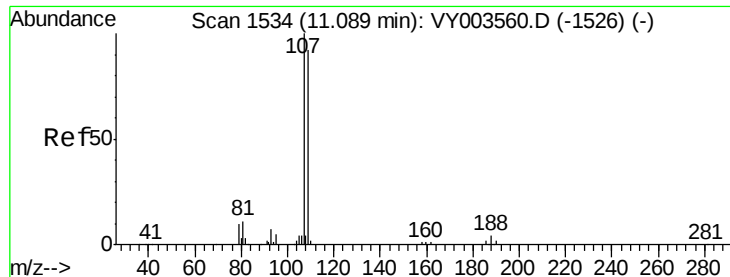
Tot Ion: 43 Resp: 572863
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.1



#60
Dibromochloromethane
Concen: 98.208 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 129 Resp: 170218
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7

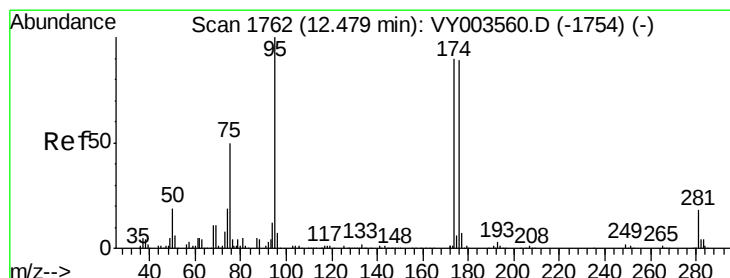
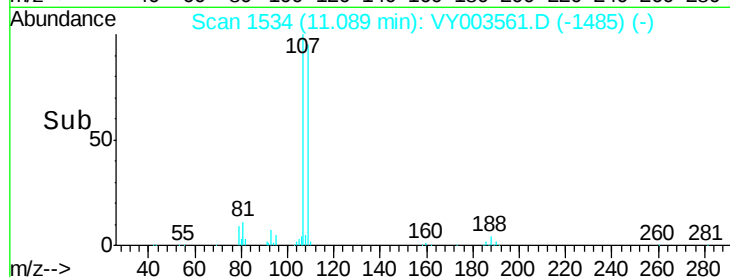
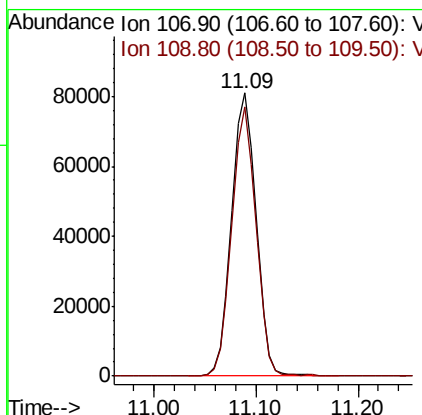
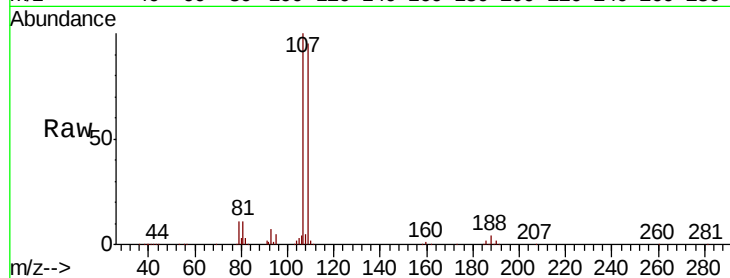




#61
 1,2-Dibromoethane
 Concen: 97.576 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

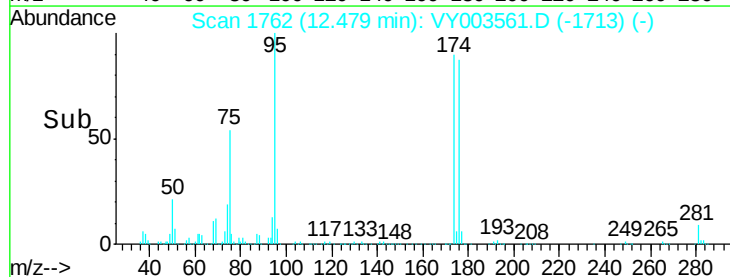
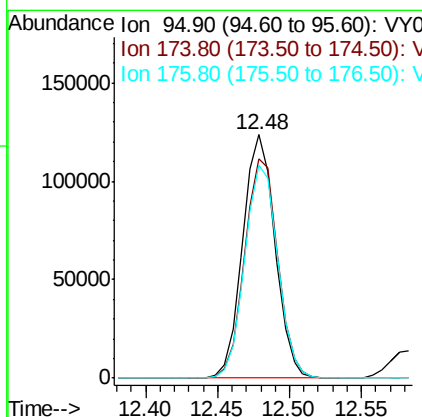
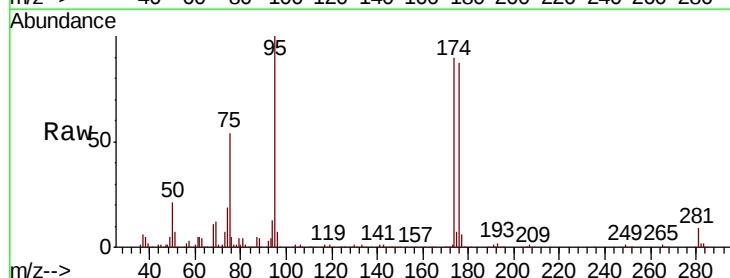
Instrument :
 MSVOA_Y
 ClientSampleId :

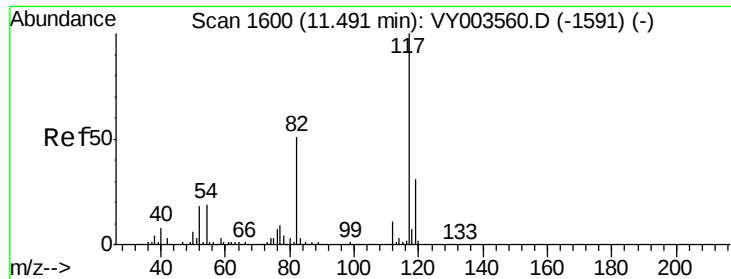
Tot Ion: 107 Resp: 134791
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 96.550 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion: 95 Resp: 192129
 Ion Ratio Lower Upper
 95 100
 174 92.0 0.0 184.0
 176 89.0 0.0 180.4

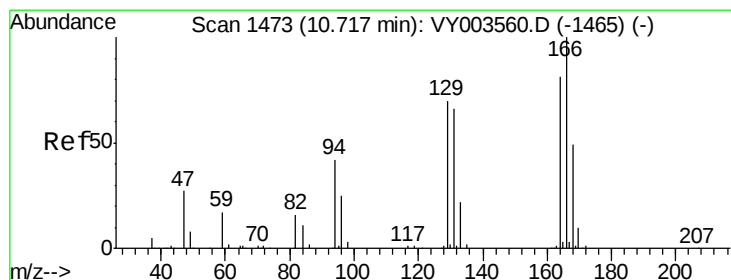
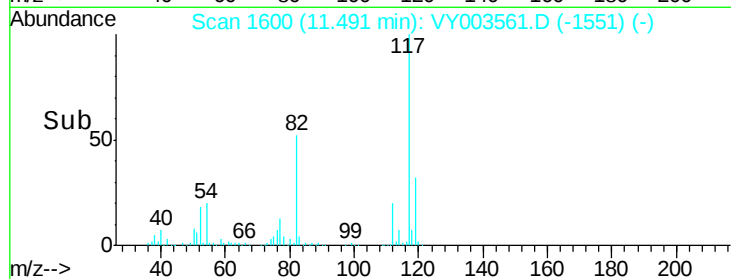
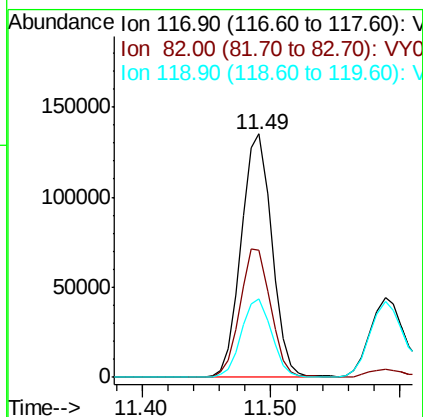
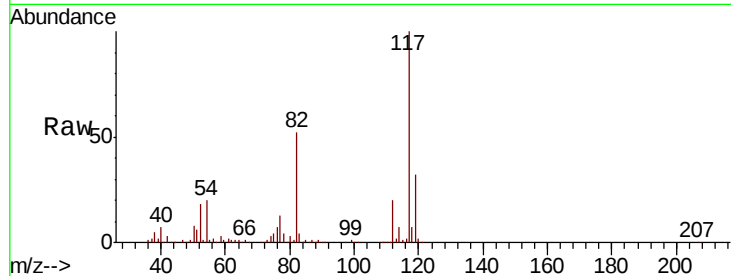




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

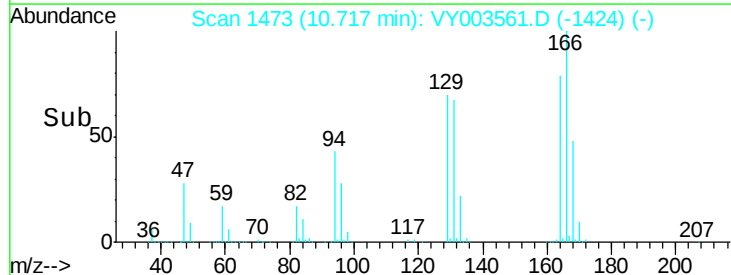
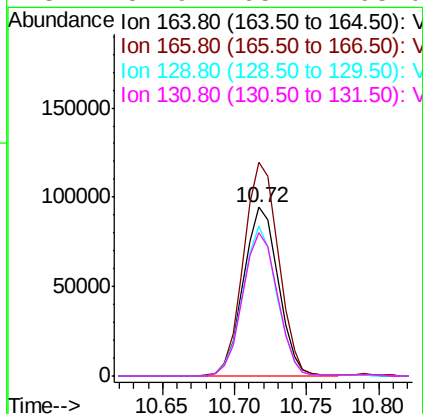
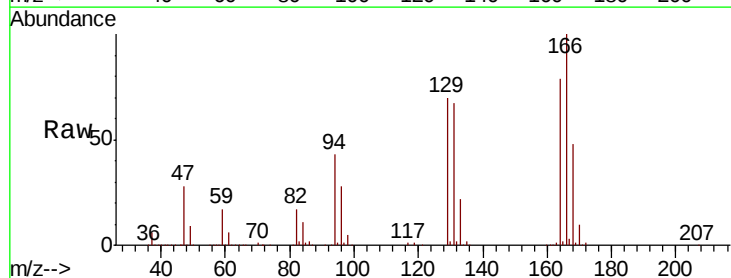
Instrument :
MSVOA_Y
ClientSampleId :

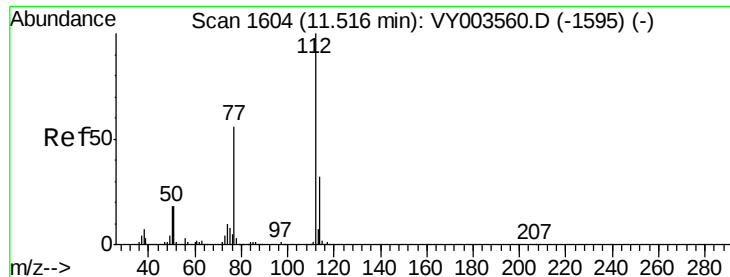
Tot Ion:117 Resp: 222511
Ion Ratio Lower Upper
117 100
82 52.4 41.0 61.6
119 32.2 25.0 37.6



#64
Tetrachloroethene
Concen: 95.678 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion:164 Resp: 159023
Ion Ratio Lower Upper
164 100
166 126.7 99.0 148.4
129 88.9 69.1 103.7
131 84.9 65.4 98.0

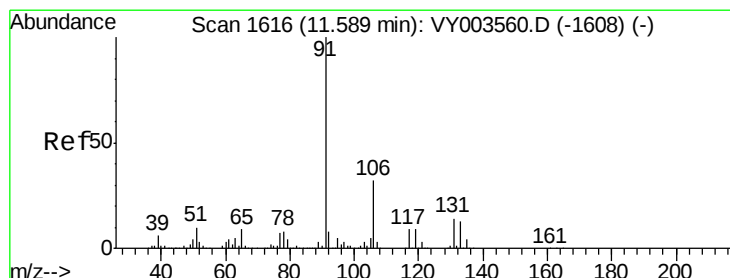
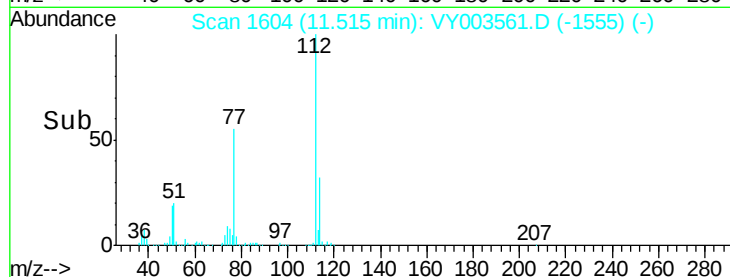
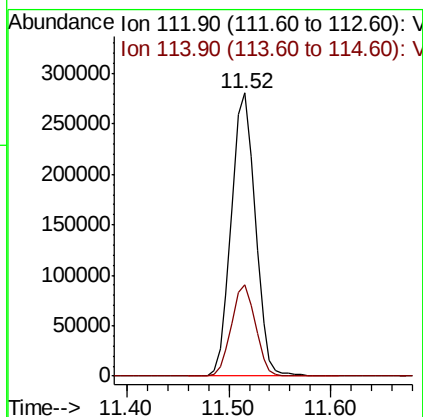
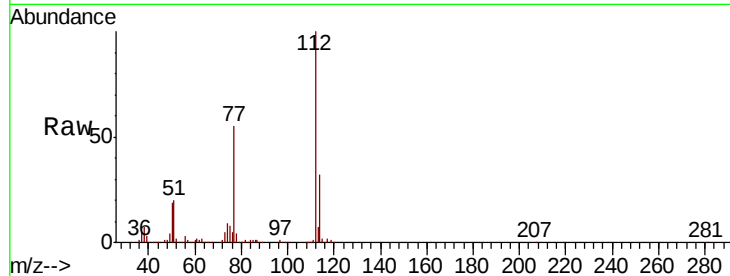




#65
Chlorobenzene
Concen: 94.830 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

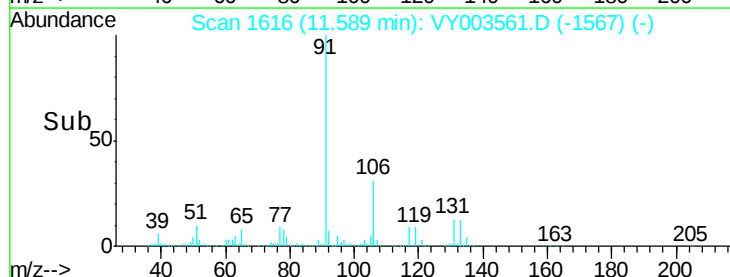
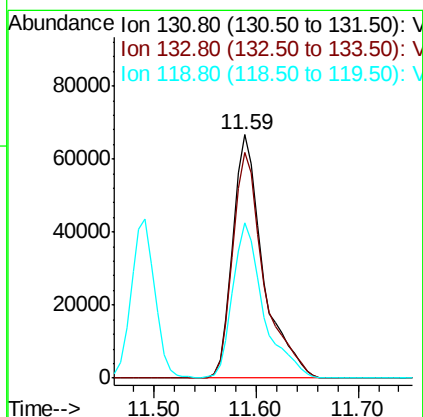
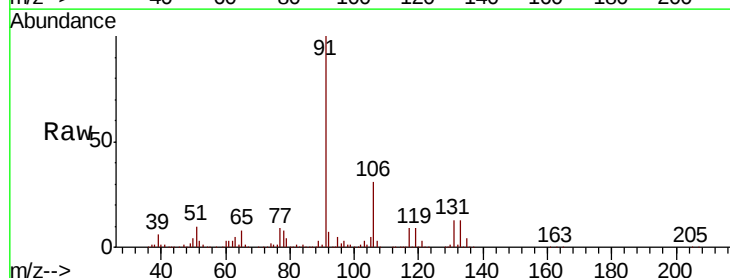
Instrument :
MSVOA_Y
ClientSampleId :

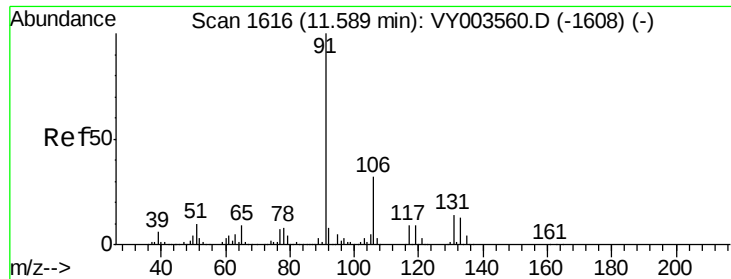
Tot Ion:112 Resp: 456522
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 99.075 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion:131 Resp: 136861
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 64.6 32.6 97.7

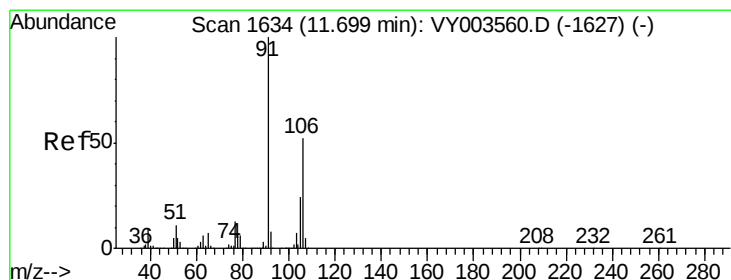
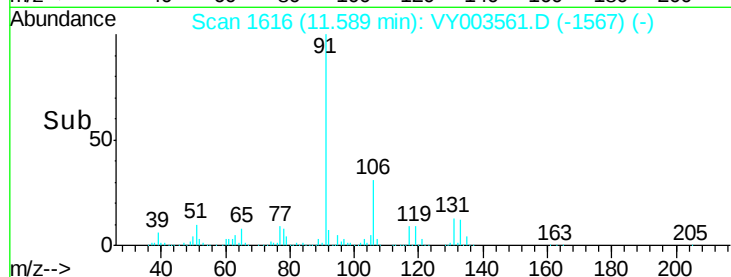
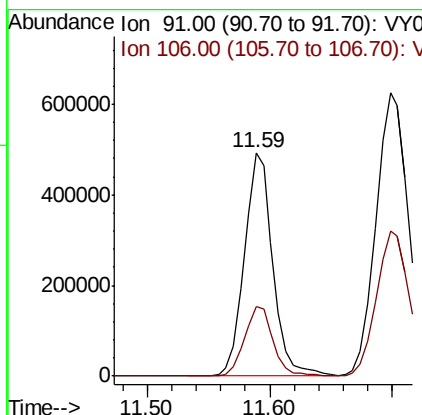
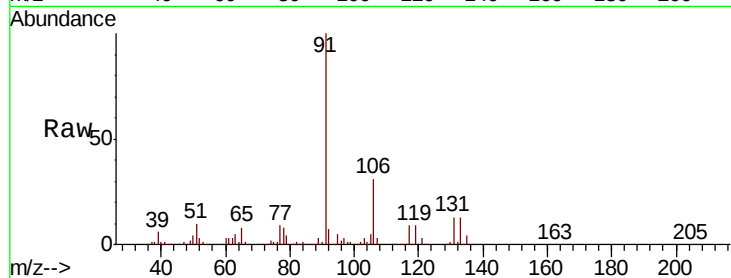




#67
Ethyl Benzene
Concen: 100.578 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

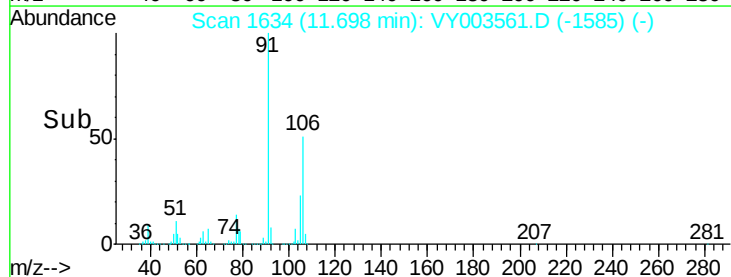
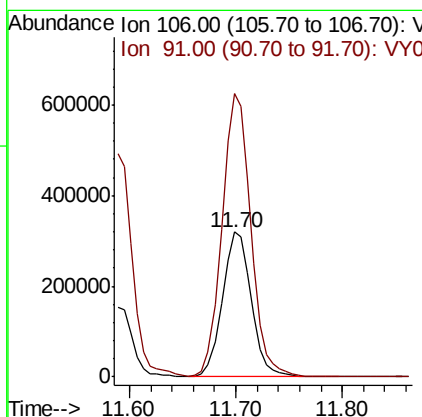
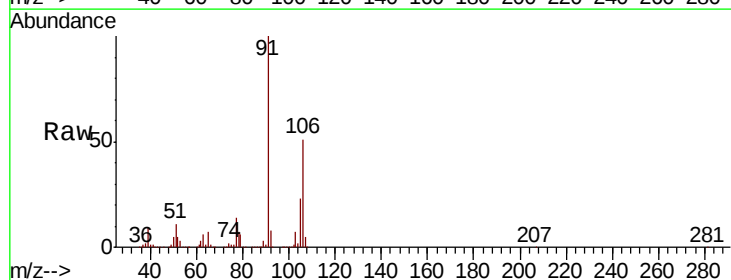
Instrument :
MSVOA_Y
ClientSampleId :

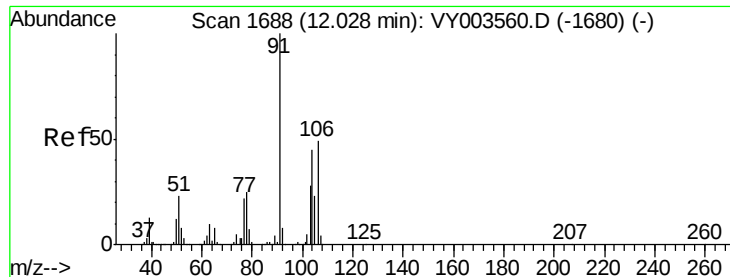
Tot Ion: 91 Resp: 793402
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 199.464 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 106 Resp: 602508
Ion Ratio Lower Upper
106 100
91 195.1 154.2 231.4

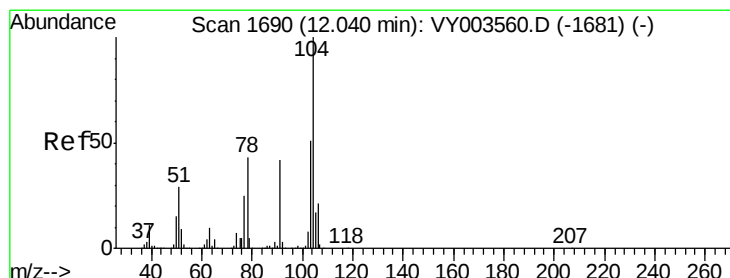
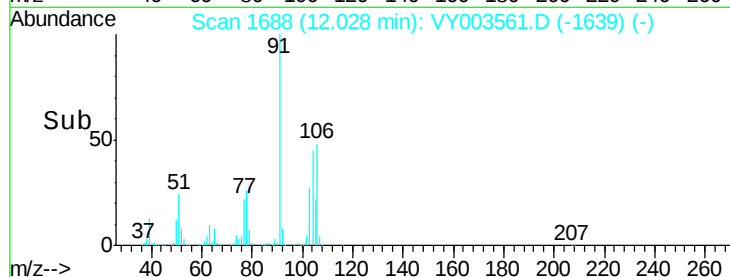
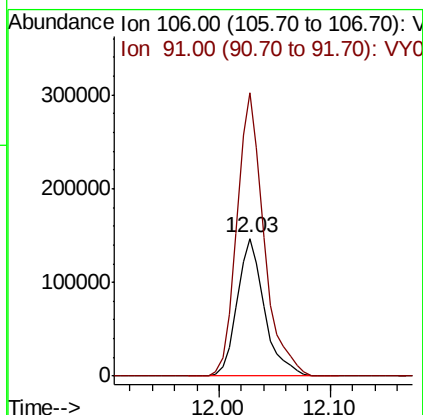
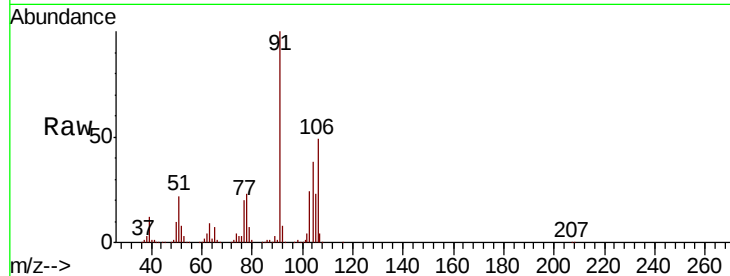




#69
o-Xylene
Concen: 102.673 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

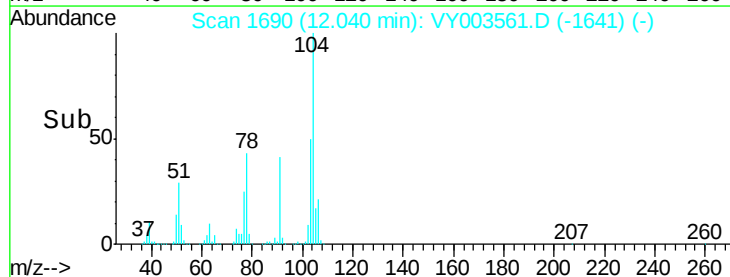
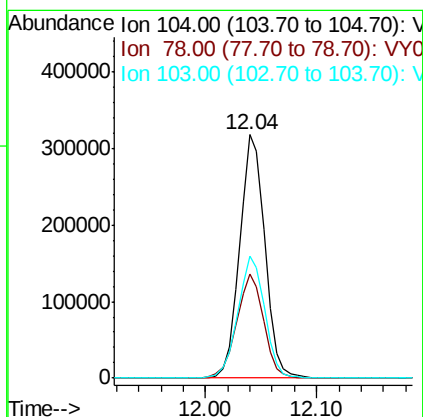
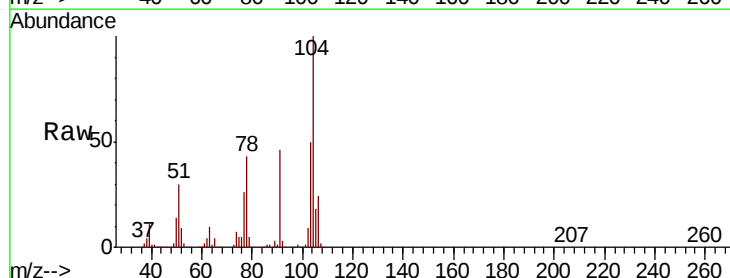
Instrument :
MSVOA_Y
ClientSampleId :

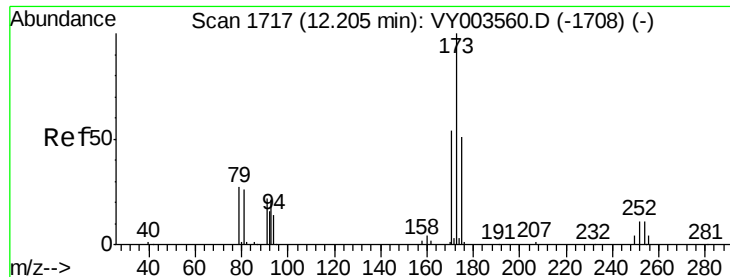
Tot Ion:106 Resp: 248080
Ion Ratio Lower Upper
106 100
91 204.3 103.1 309.1



#70
Styrene
Concen: 102.159 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion:104 Resp: 497496
Ion Ratio Lower Upper
104 100
78 45.9 36.6 54.8
103 53.5 43.6 65.4





#71

Bromoform

Concen: 96.699 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

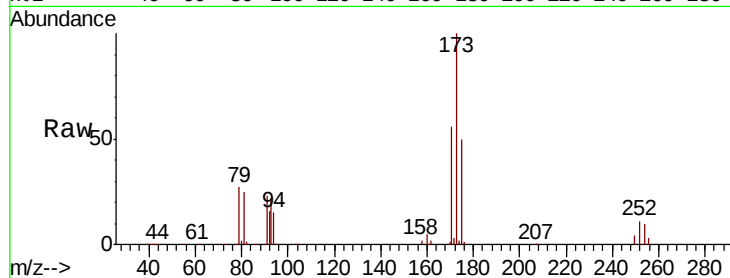
Tot Ion:173 Resp: 107871

Ion Ratio Lower Upper

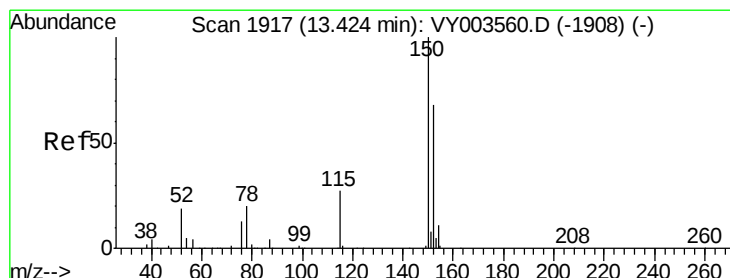
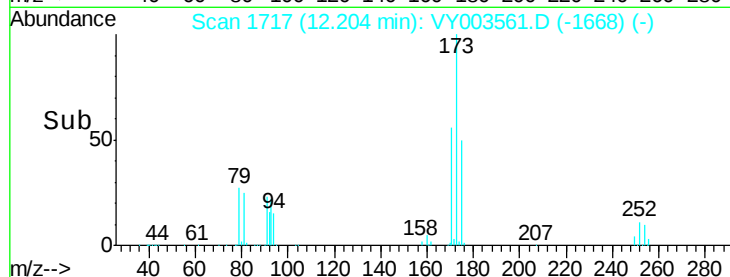
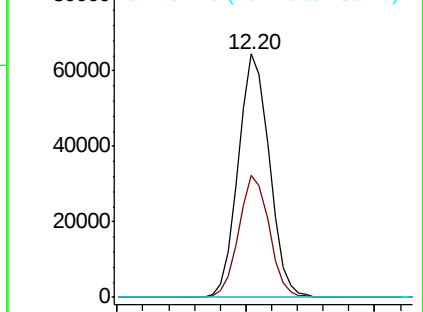
173 100

175 49.1 24.6 73.6

254 0.2 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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

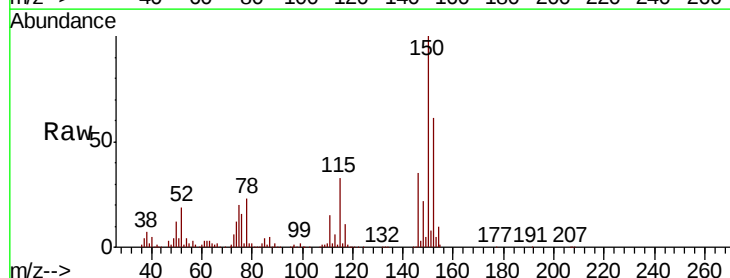
Tgt Ion:152 Resp: 108213

Ion Ratio Lower Upper

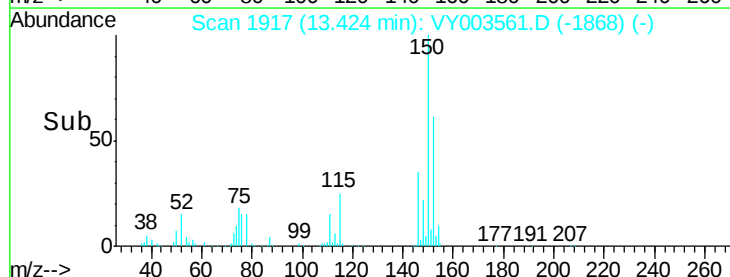
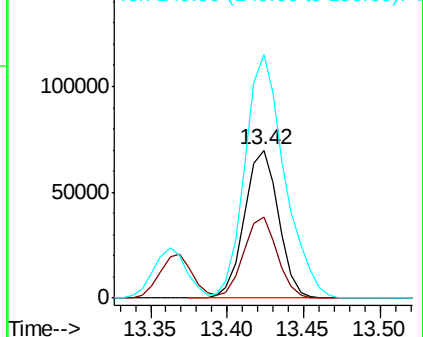
152 100

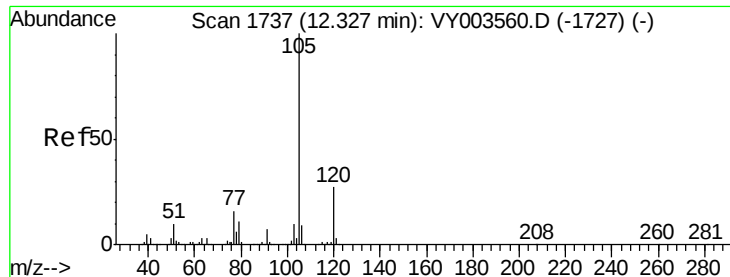
115 54.1 27.4 82.0

150 191.0 0.0 349.6



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





#73

Isopropylbenzene

Concen: 102.075 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

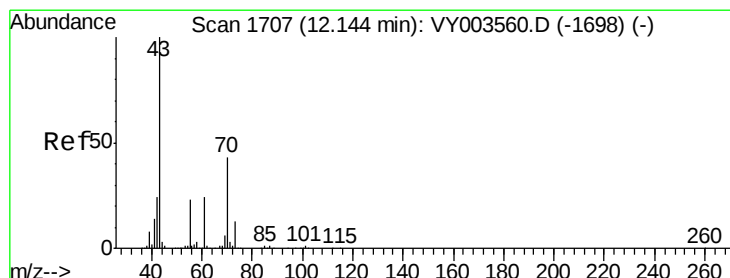
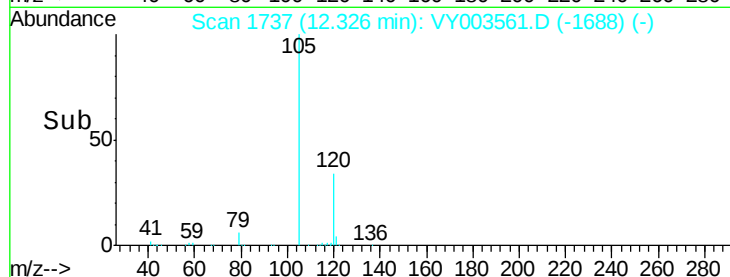
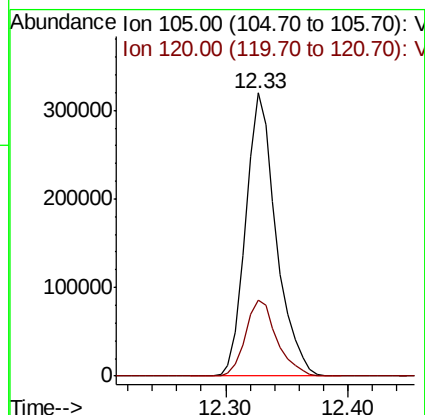
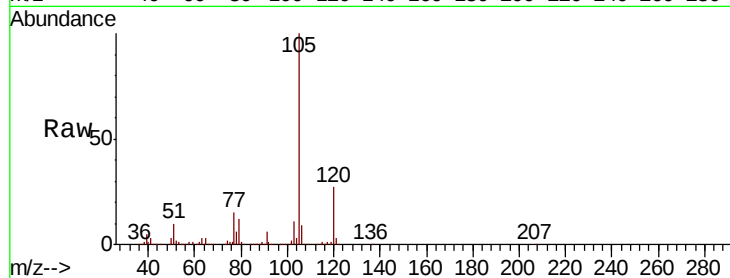
ClientSampleId :

Tot Ion: 105 Resp: 550204

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.4



#74

N-ethyl acetate

Concen: 106.665 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Tgt Ion: 43 Resp: 227694

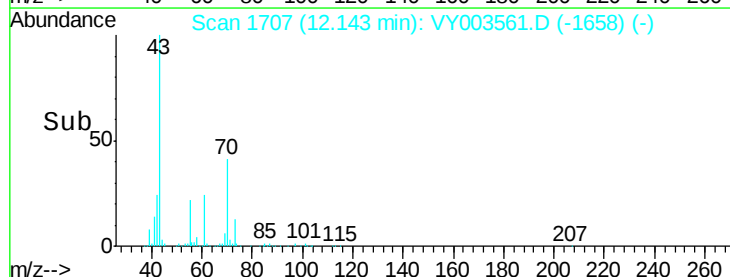
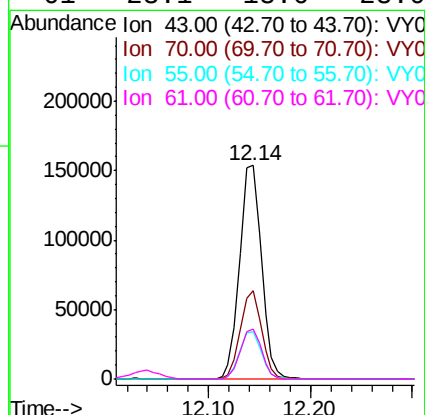
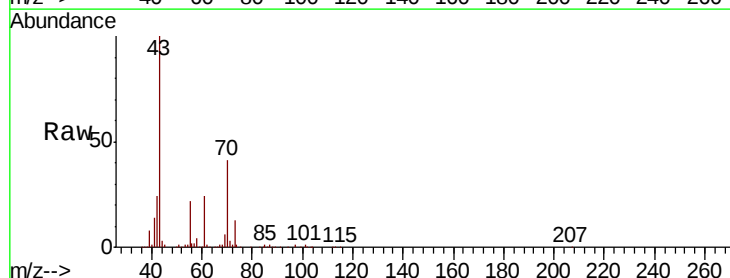
Ion Ratio Lower Upper

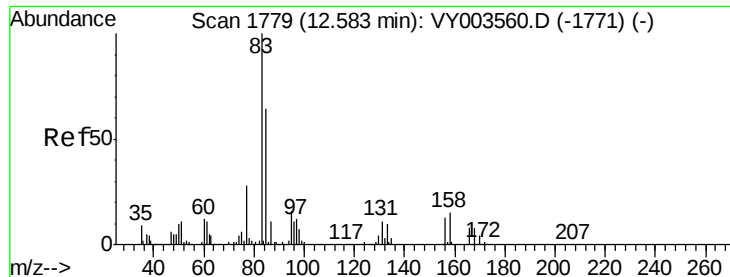
43 100

70 40.3 32.2 48.4

55 22.4 18.6 28.0

61 23.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 98.680 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

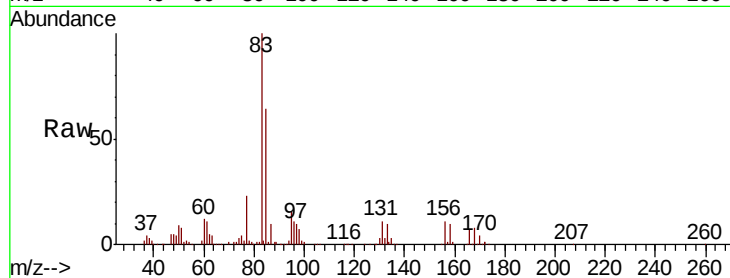
Tot Ion: 83 Resp: 148012

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

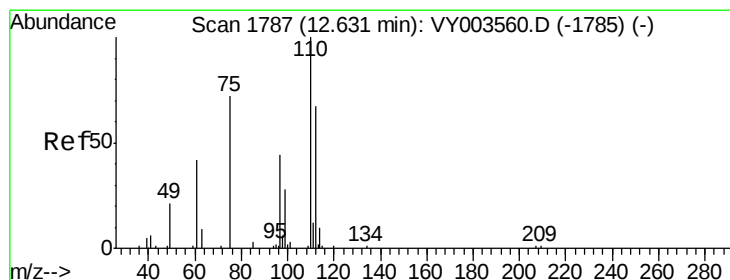
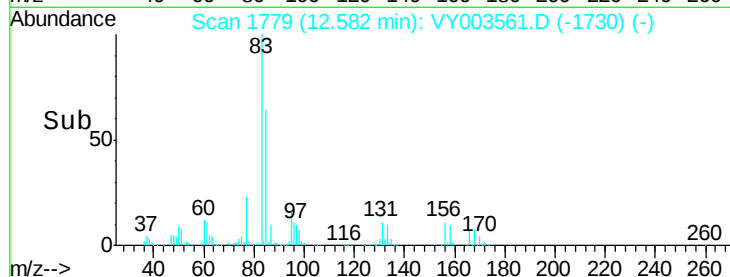
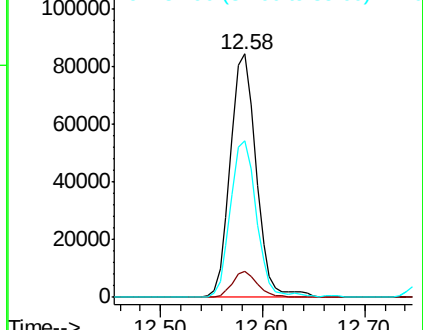
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 186.287 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003561.D

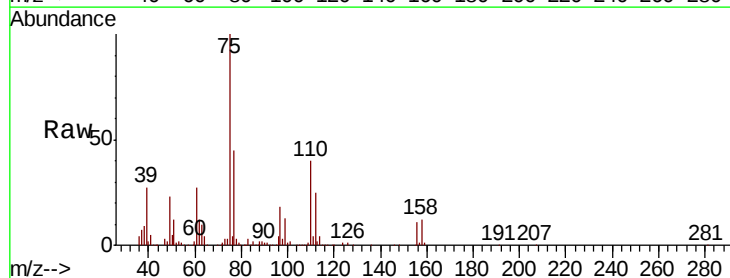
Acq: 20 Nov 2020 11:40

Tgt Ion: 75 Resp: 205532

Ion Ratio Lower Upper

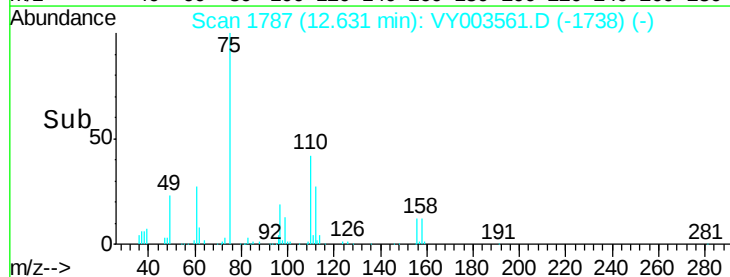
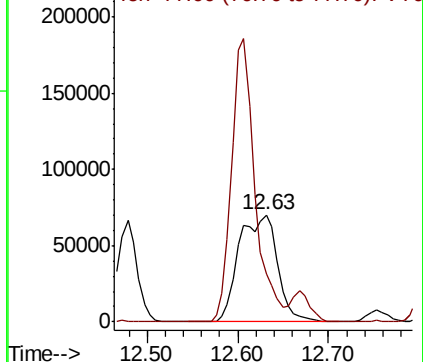
75 100

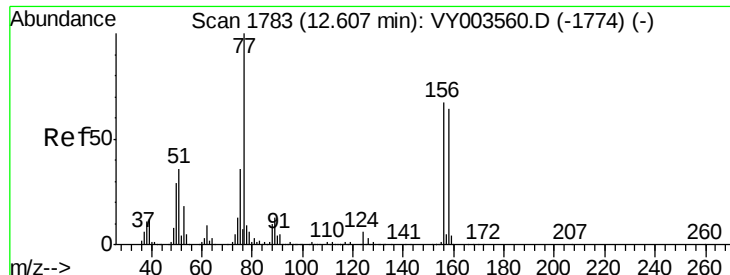
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 96.126 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

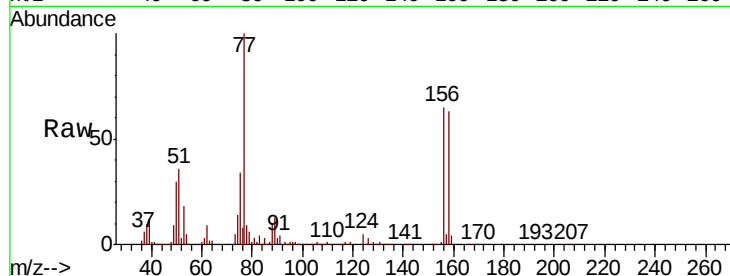
Tot Ion:156 Resp: 190635

Ion Ratio Lower Upper

156 100

77 174.9 85.7 257.1

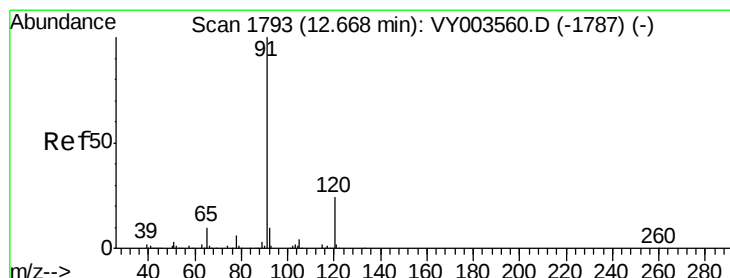
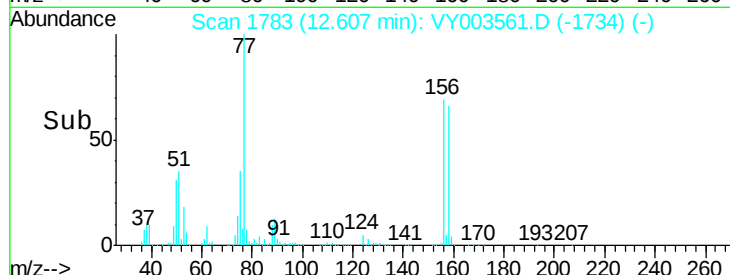
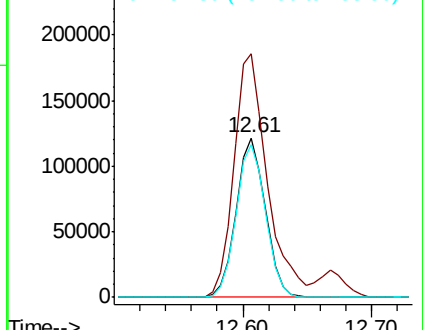
158 96.7 48.8 146.4



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: 102.271 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003561.D

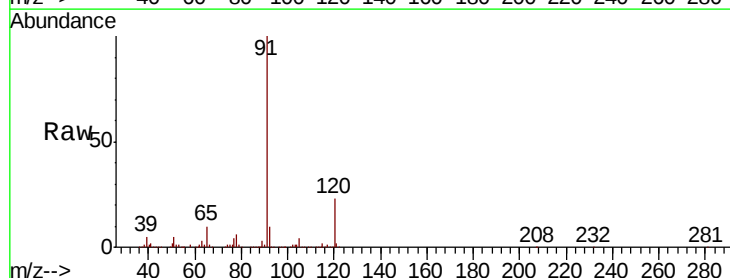
Acq: 20 Nov 2020 11:40

Tgt Ion: 91 Resp: 774461

Ion Ratio Lower Upper

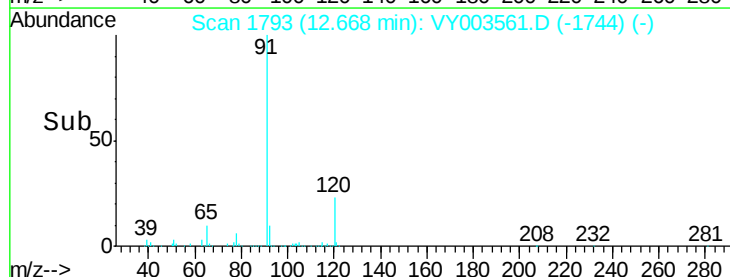
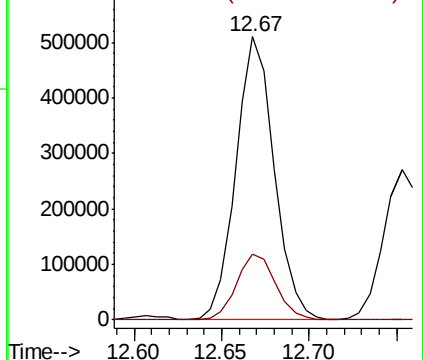
91 100

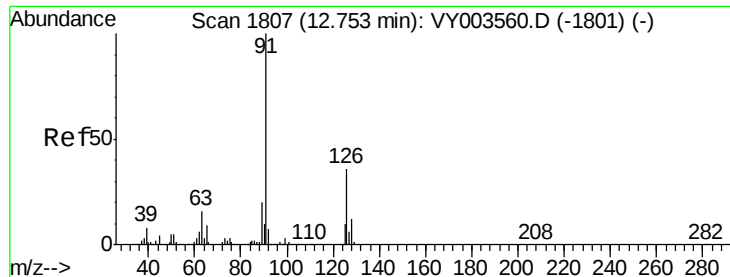
120 23.9 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.832 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

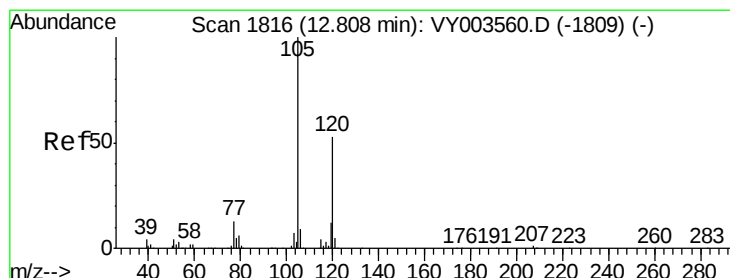
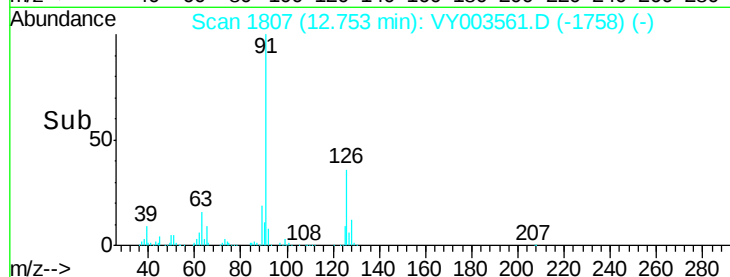
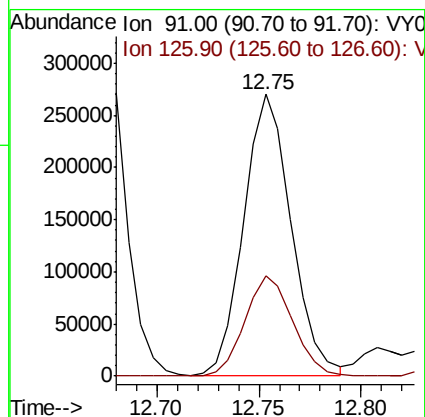
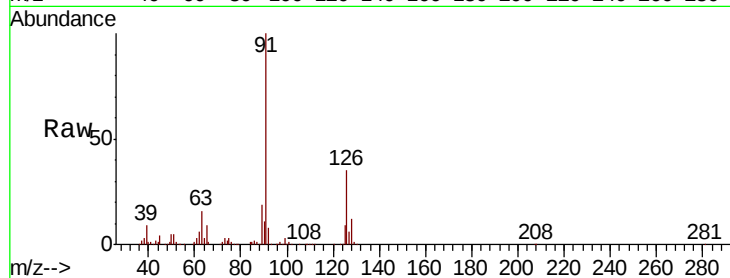
ClientSampleId :

Tot Ion: 91 Resp: 436371

Ion Ratio Lower Upper

91 100

126 36.0 18.1 54.3



#80

1,3,5-Trimethylbenzene

Concen: 98.958 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003561.D

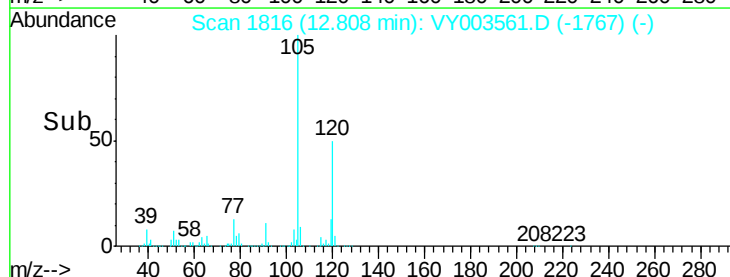
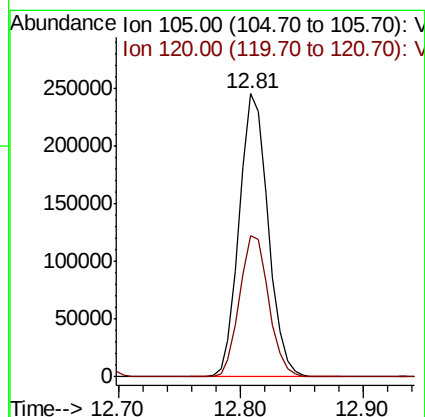
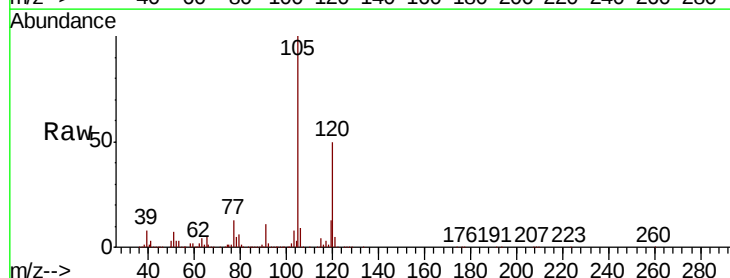
Acq: 20 Nov 2020 11:40

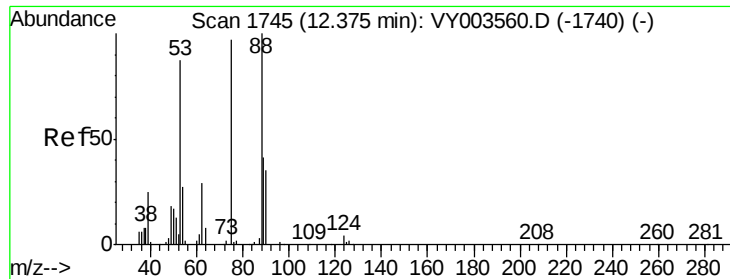
Tgt Ion:105 Resp: 400911

Ion Ratio Lower Upper

105 100

120 50.6 26.3 78.8

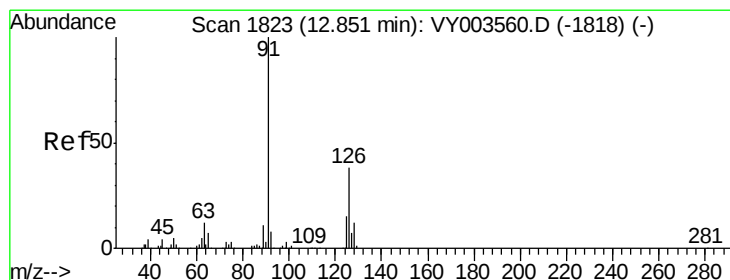
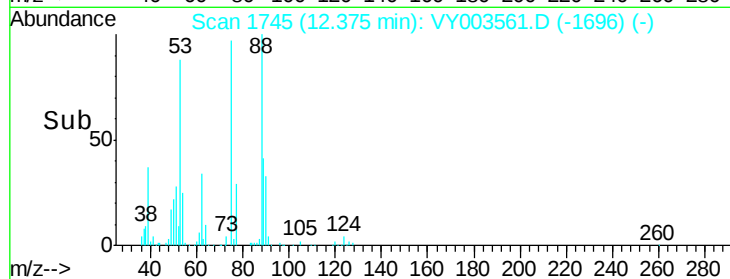
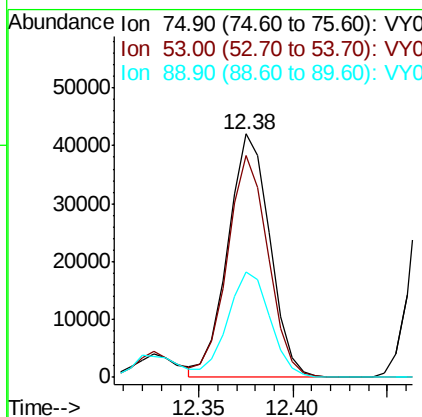
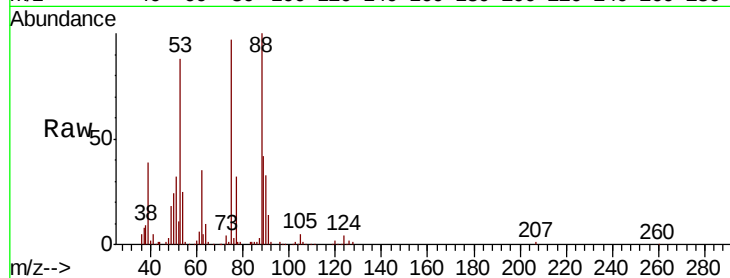




#81
trans-1,4-Dichloro-2-butene
Concen: 97.727 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

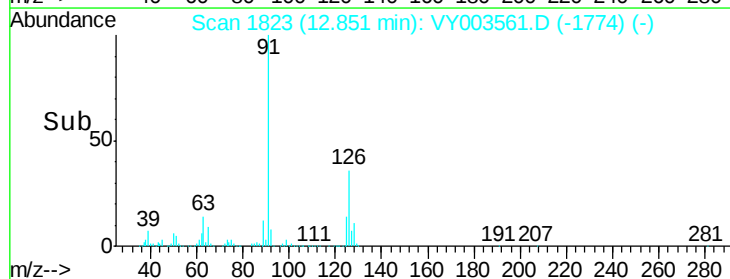
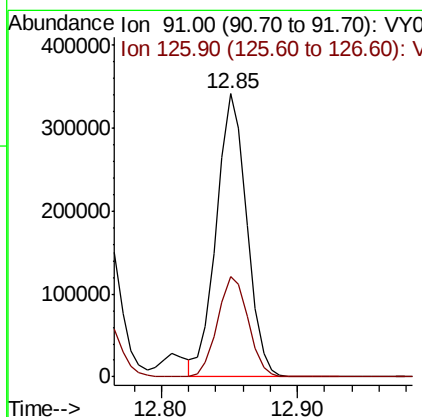
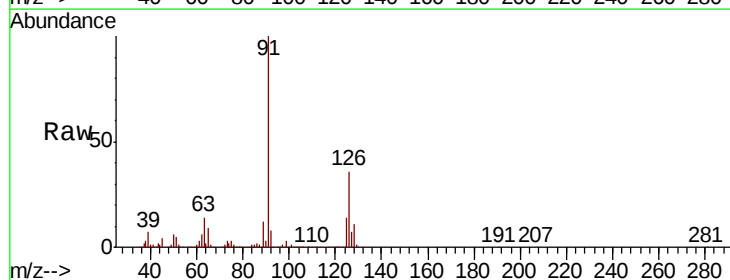
Instrument :
MSVOA_Y
ClientSampled :

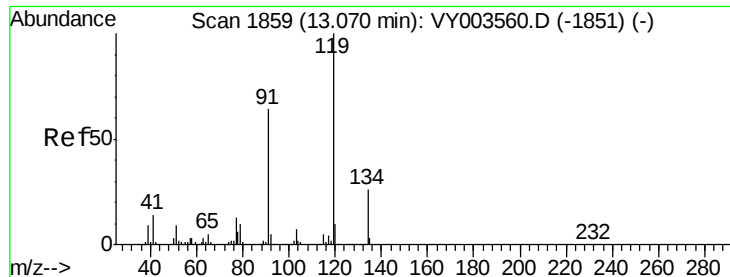
Tot Ion: 75 Resp: 64494
Ion Ratio Lower Upper
75 100
53 89.6 71.4 107.2
89 43.7 34.7 52.1



#82
4-Chlorotoluene
Concen: 98.746 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 91 Resp: 528831
Ion Ratio Lower Upper
91 100
126 36.0 18.1 54.3





#83

tert-Butylbenzene

Concen: 98.765 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

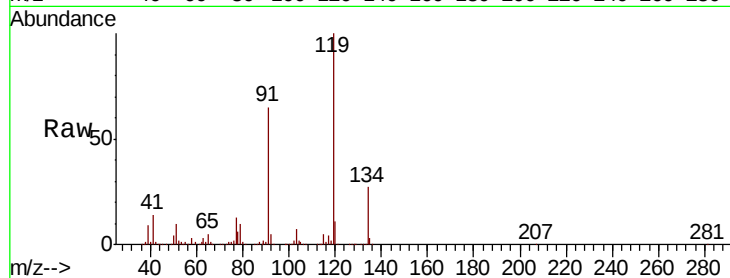
Tot Ion:119 Resp: 405018

Ion Ratio Lower Upper

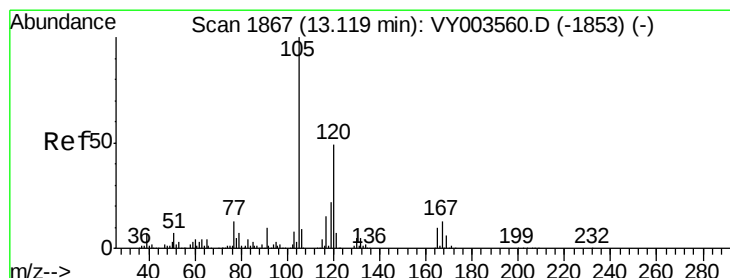
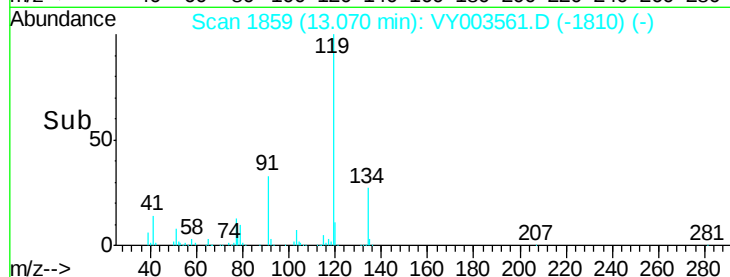
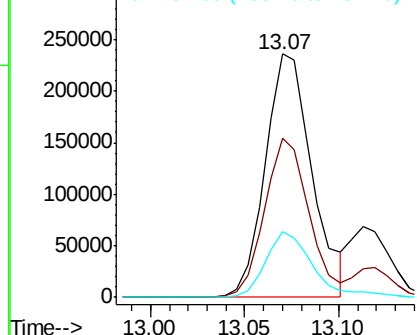
119 100

91 62.0 31.8 95.3

134 27.3 14.1 42.2



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: 100.609 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003561.D

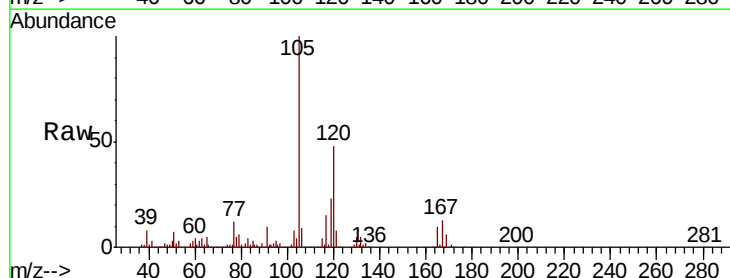
Acq: 20 Nov 2020 11:40

Tgt Ion:105 Resp: 433988

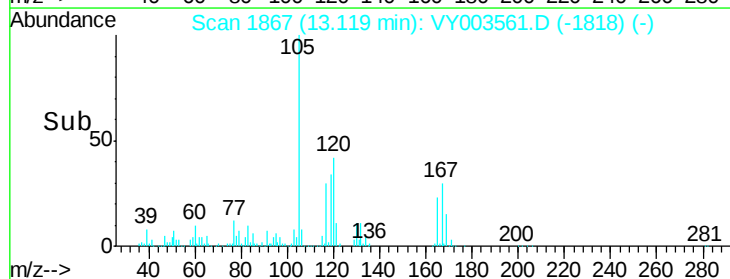
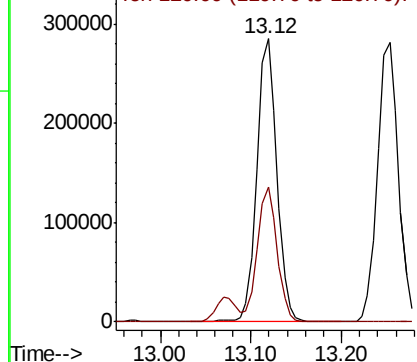
Ion Ratio Lower Upper

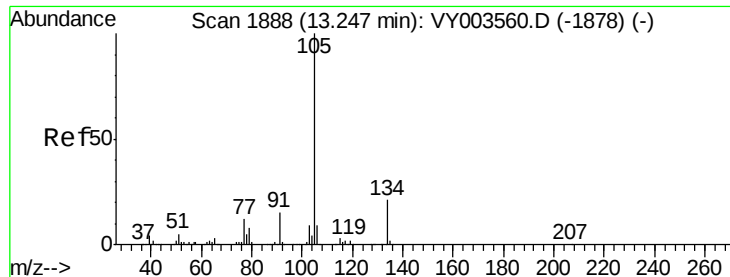
105 100

120 47.3 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 96.618 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

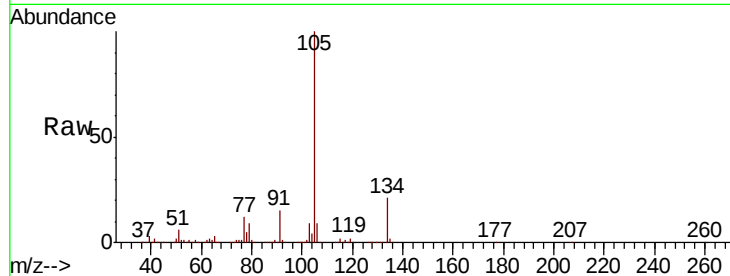
ClientSampleId :

Tot Ion:105 Resp: 448477

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

300000

250000

200000

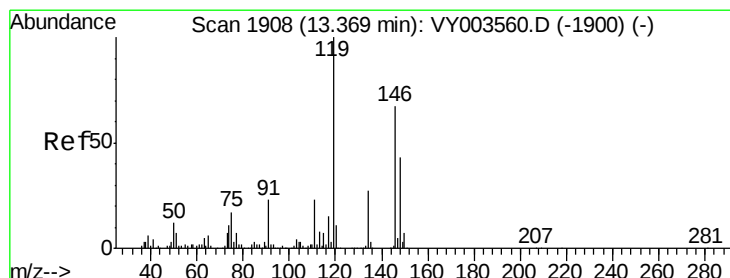
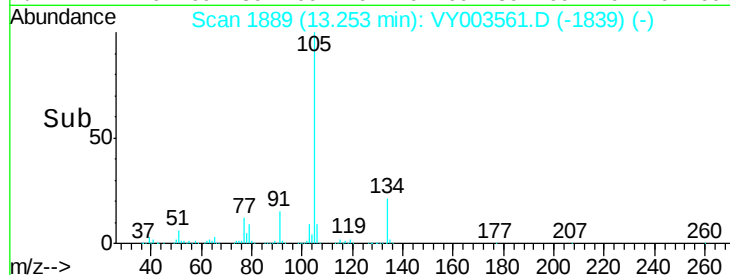
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 98.219 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

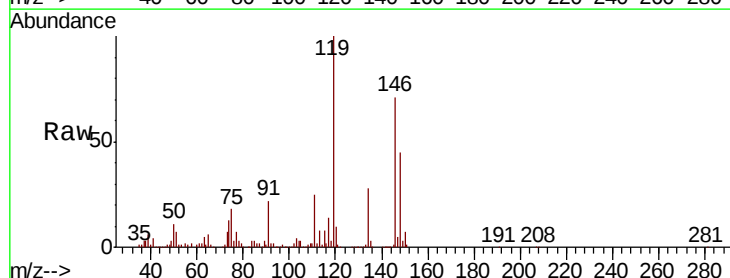
Tgt Ion:119 Resp: 409073

Ion Ratio Lower Upper

119 100

134 27.2 13.8 41.4

91 22.1 11.4 34.2



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

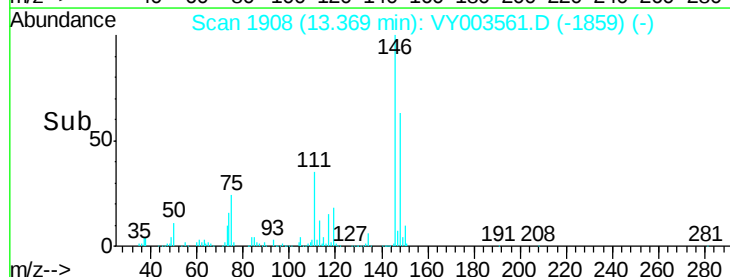
300000

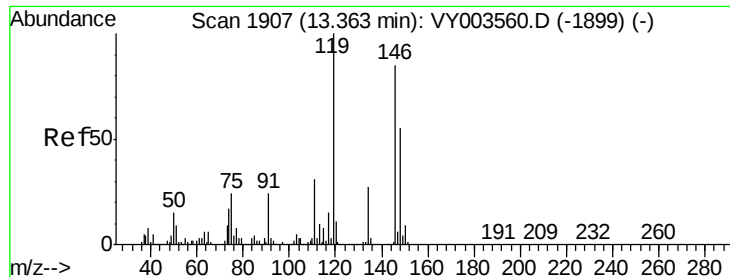
200000

100000

0

Time-->

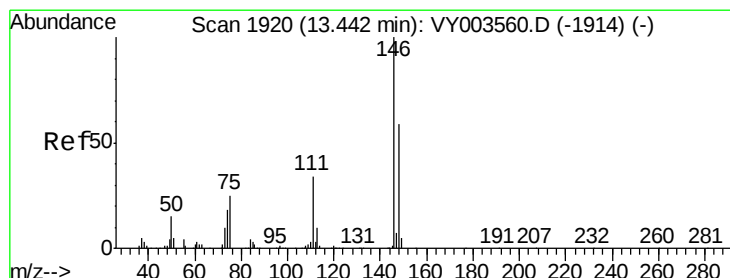
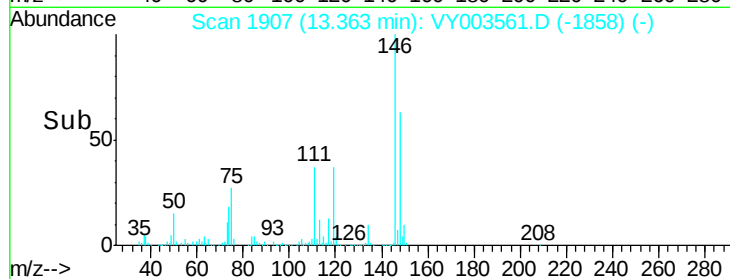
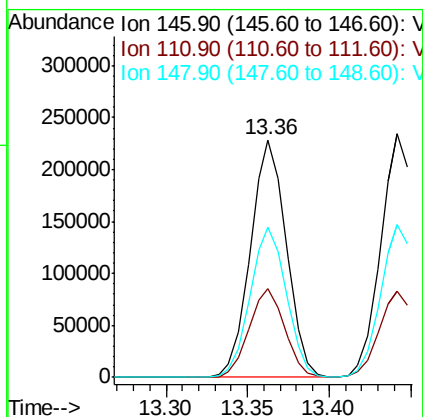
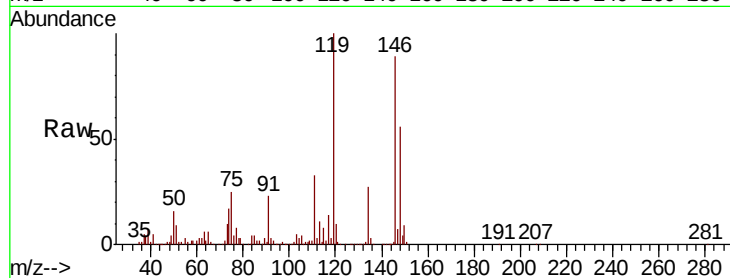




#87
 1,3-Dichlorobenzene
 Concen: 96.993 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

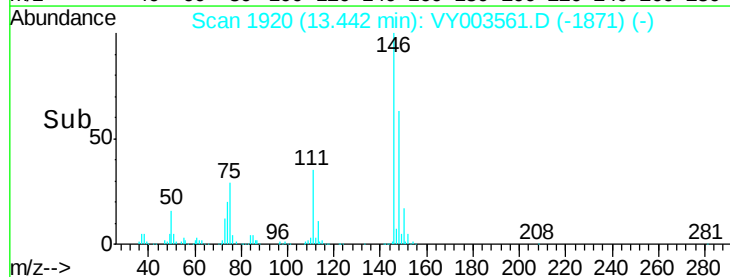
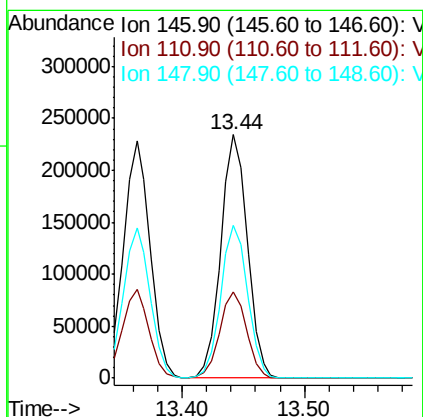
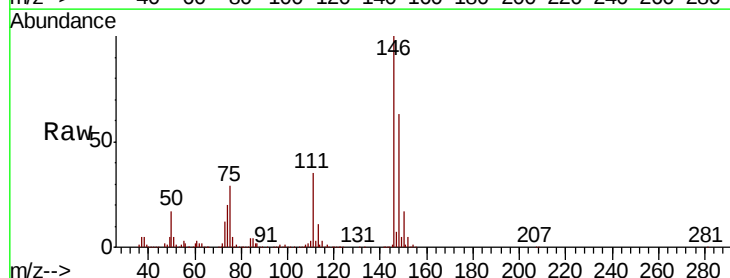
Instrument :
 MSVOA_Y
 ClientSampleId :

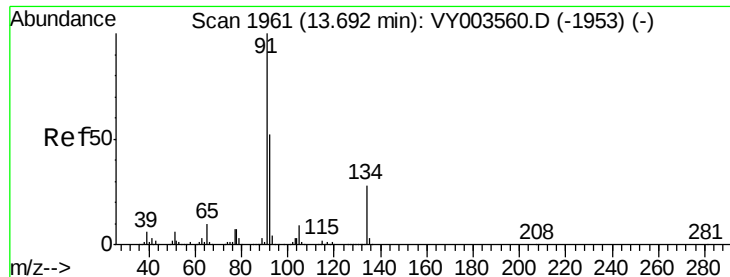
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.3	54.9
148	63.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 95.384 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.8	53.4
148	63.5	31.1	93.2

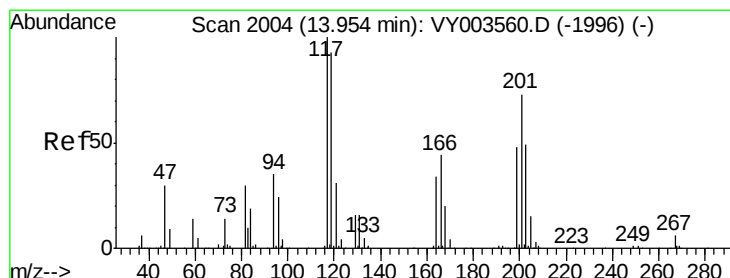
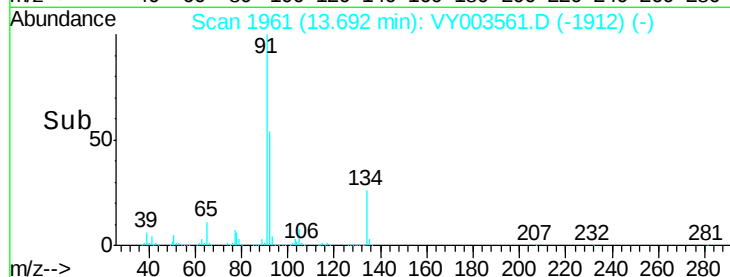
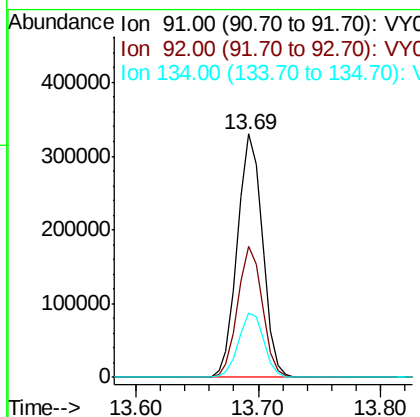
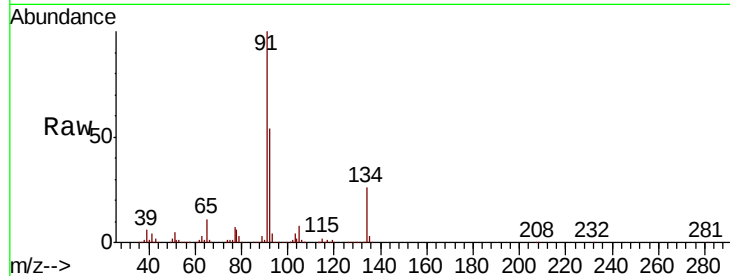




#89
n-Butylbenzene
Concen: 104.729 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

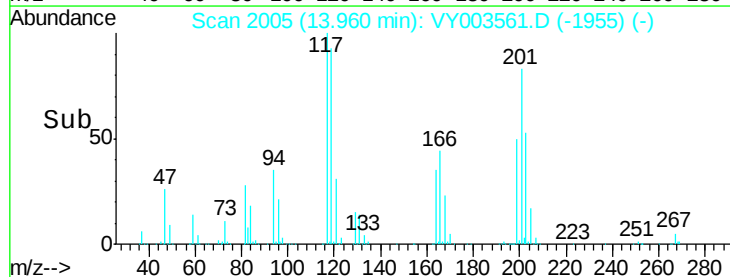
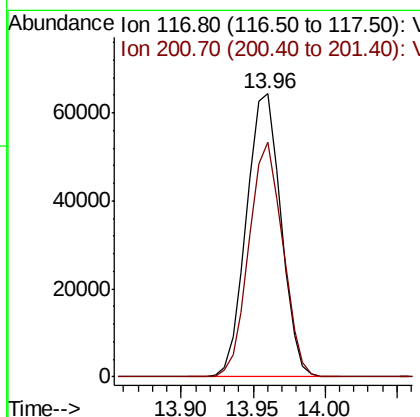
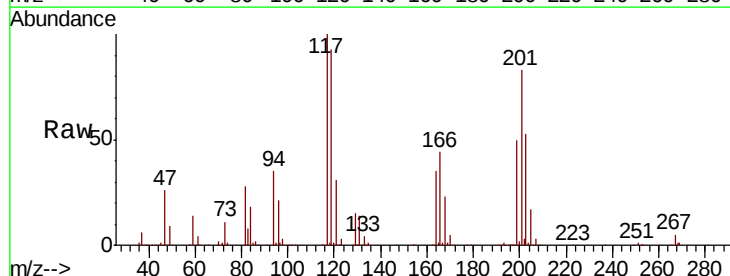
Instrument :
MSVOA_Y
ClientSampleId :

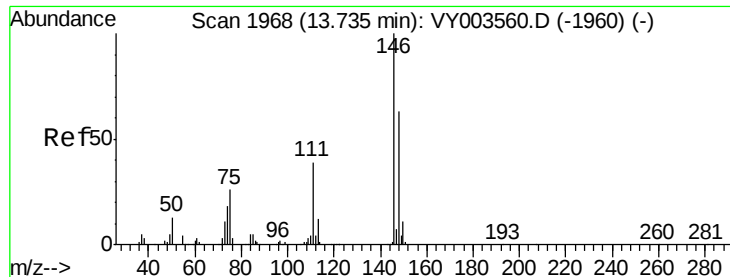
Tot Ion: 91 Resp: 466727
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 26.7 13.9 41.7



#90
Hexachloroethane
Concen: 97.130 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 117 Resp: 106967
Ion Ratio Lower Upper
117 100
201 80.8 41.3 123.9





#91

1,2-Dichlorobenzene

Concen: 96.571 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_Y

ClientSampleId :

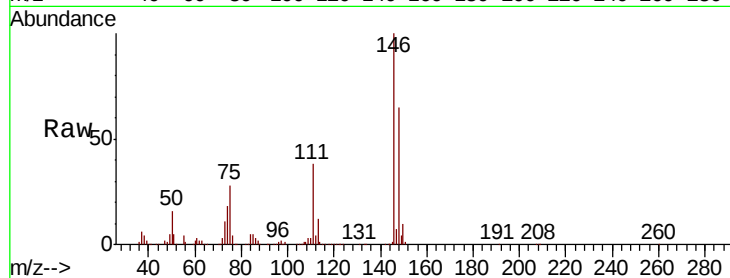
Tot Ion:146 Resp: 278266

Ion Ratio Lower Upper

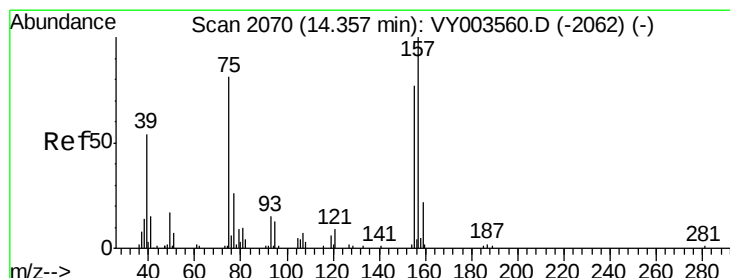
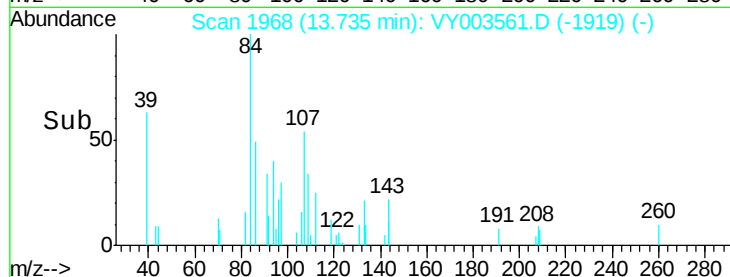
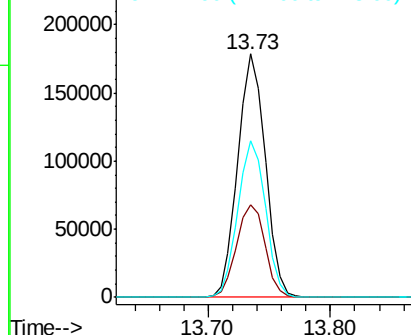
146 100

111 39.1 18.9 56.5

148 64.7 31.9 95.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 96.958 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003561.D

Acq: 20 Nov 2020 11:40

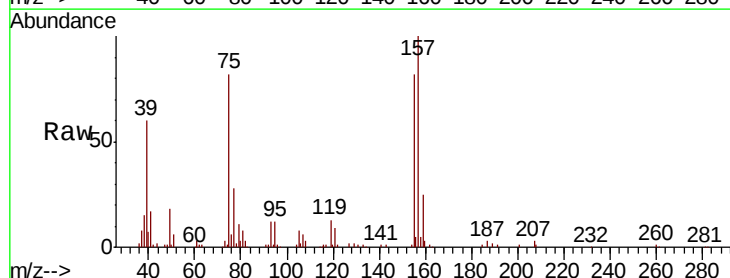
Tgt Ion: 75 Resp: 18942

Ion Ratio Lower Upper

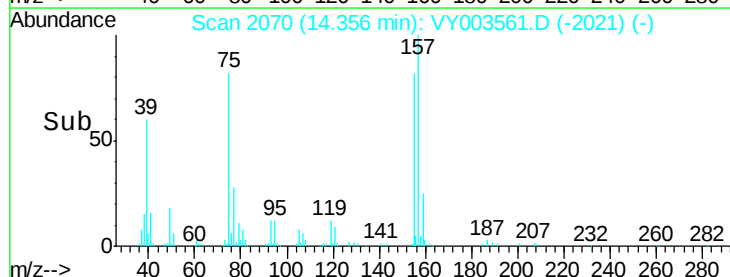
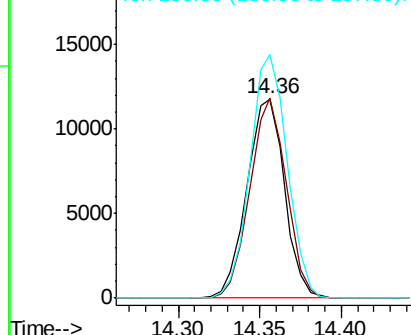
75 100

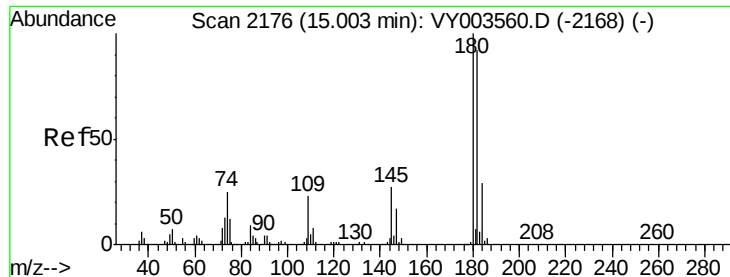
155 96.9 45.4 136.2

157 120.8 59.7 179.1



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

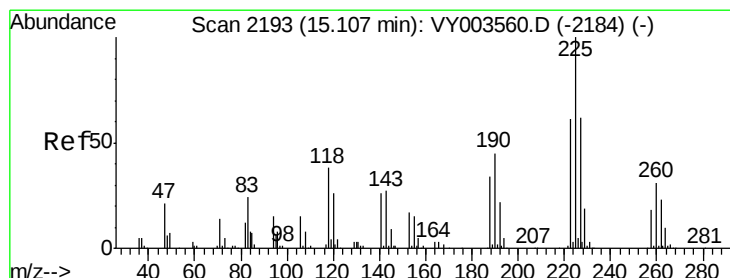
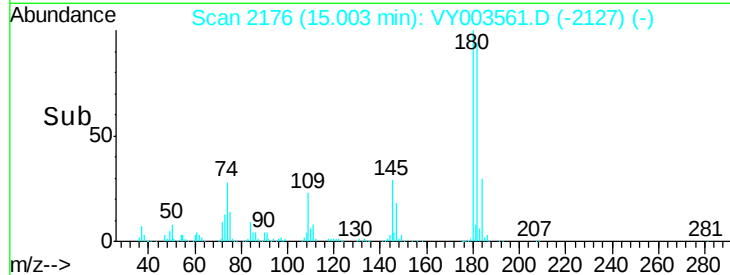
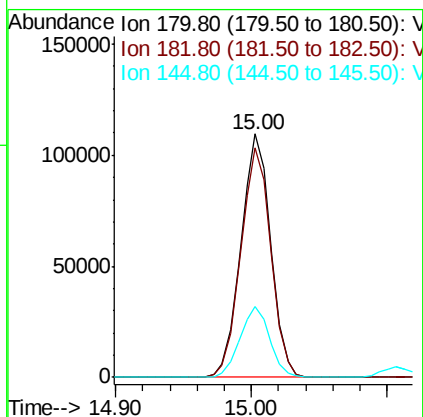
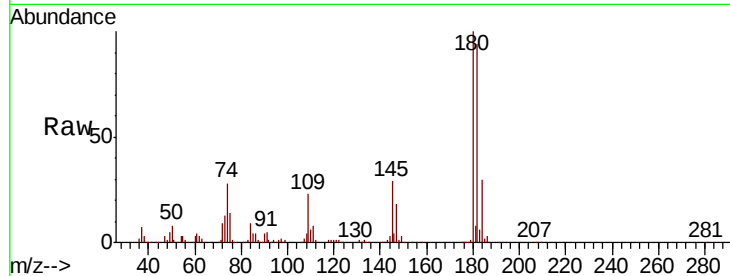




#93
 1,2,4-Trichlorobenzene
 Concen: 103.315 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

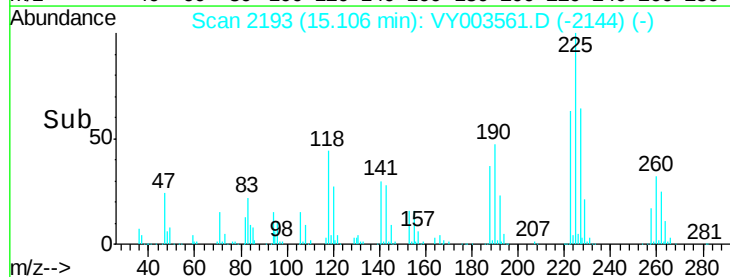
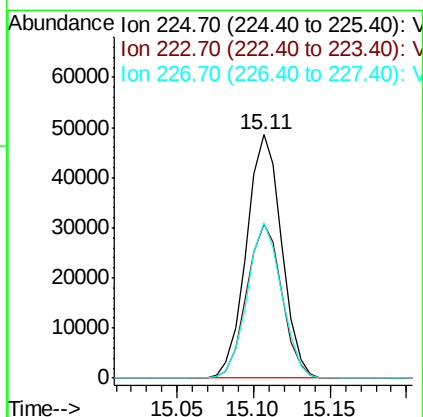
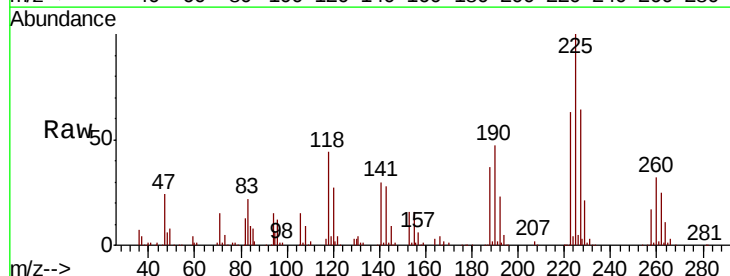
Instrument :
 MSVOA_Y
 ClientSampled :

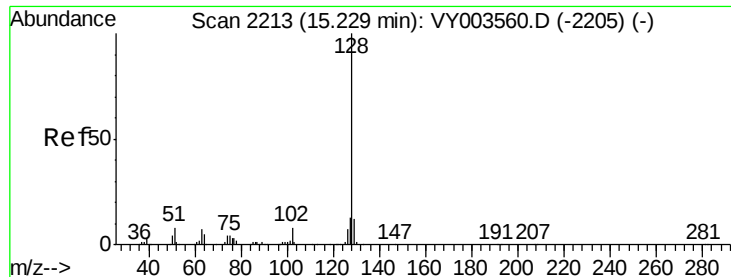
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.3
145	29.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 84.528 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003561.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.0	96.0
227	62.3	31.6	94.7

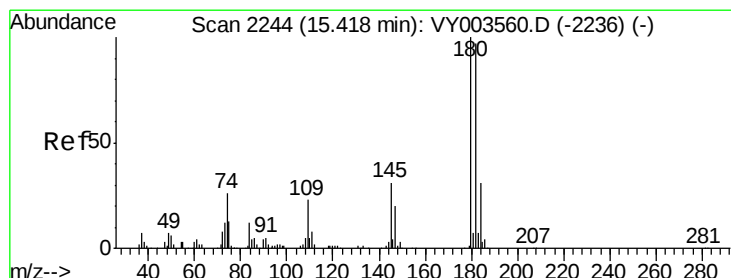
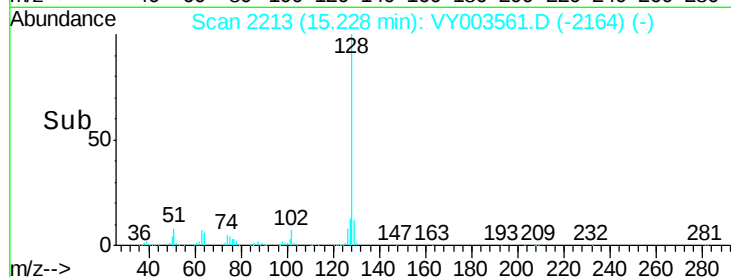
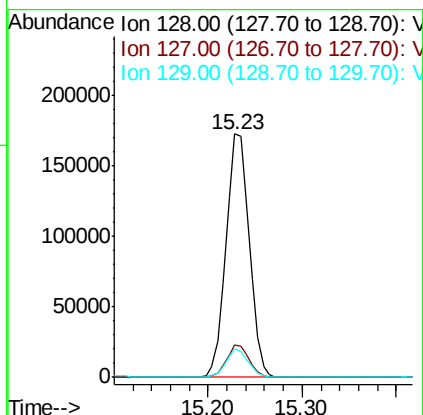
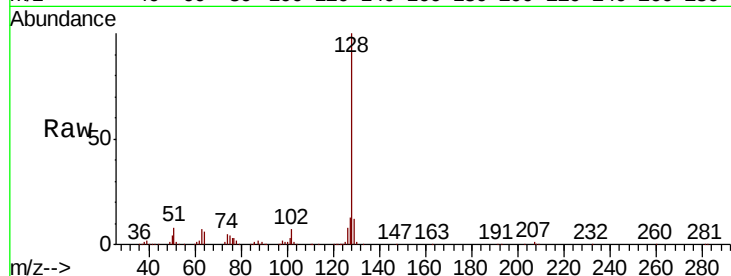




#95
Naphthalene
Concen: 107.194 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 295602
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 100.224 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY003561.D
Acq: 20 Nov 2020 11:40

Tgt Ion:180 Resp: 119059
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 29.9 15.5 46.5

