

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003461.D
 Acq On : 02 Nov 2020 10:11
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 11:34:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 11:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	208564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	298896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	268705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	135490	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	11202	5.36	ug/l	0.00
Spiked Amount			Recovery	=	10.72%	
35) Dibromofluoromethane	7.73	113	8794	4.92	ug/l	0.00
Spiked Amount			Recovery	=	9.84%	
50) Toluene-d8	10.18	98	37718	5.05	ug/l	0.00
Spiked Amount			Recovery	=	10.10%	
62) 4-Bromofluorobenzene	12.49	95	12144	4.74	ug/l	0.00
Spiked Amount			Recovery	=	9.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	9875	6.096	ug/l	94
3) Chloromethane	2.12	50	12958	5.779	ug/l	100
4) Vinyl Chloride	2.26	62	14253	5.823	ug/l	99
5) Bromomethane	2.66	94	13087	5.644	ug/l	100
6) Chloroethane	2.80	64	8418	5.648	ug/l	98
7) Trichlorofluoromethane	3.14	101	17588	5.795	ug/l	96
8) Diethyl Ether	3.54	74	5412	5.431	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.91	101	9684	5.727	ug/l	98
10) Methyl Iodide	4.11	142	5732	5.760	ug/l	96
11) Tert butyl alcohol	4.96	59	9381	46.167	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	9698	5.819	ug/l	87
13) Acrolein	3.75	56	5690	30.014	ug/l	100
14) Allyl chloride	4.50	41	17659	5.927	ug/l	99
15) Acrylonitrile	5.18	53	14648	30.355	ug/l	100
16) Acetone	3.97	43	17982	32.711	ug/l	100
17) Carbon Disulfide	4.21	76	31110	5.727	ug/l	98
18) Methyl Acetate	4.49	43	8034	6.463	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	24102	5.547	ug/l	98
20) Methylene Chloride	4.73	84	12754	5.718	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	11319	5.805	ug/l	97
22) Diisopropyl ether	6.13	45	30300	5.490	ug/l	96
23) Vinyl Acetate	6.08	43	108324	26.673	ug/l	100
24) 1,1-Dichloroethane	6.04	63	19412	5.646	ug/l	99
25) 2-Butanone	7.00	43	23288	30.497	ug/l	94
26) 2,2-Dichloropropane	6.99	77	19079	6.150	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	12200	5.642	ug/l	98
28) Bromochloromethane	7.35	49	8815	5.230	ug/l	98
29) Tetrahydrofuran	7.36	42	12836	29.512	ug/l	99
30) Chloroform	7.52	83	19444	5.607	ug/l	95
31) Cyclohexane	7.80	56	20019	6.497	ug/l #	69
32) 1,1,1-Trichloroethane	7.71	97	17854	5.599	ug/l	97
36) 1,1-Dichloropropene	7.93	75	15908	5.657	ug/l	97
37) Ethyl Acetate	7.09	43	10505	6.321	ug/l	98
38) Carbon Tetrachloride	7.91	117	16077	5.468	ug/l	98

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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 11:34:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	17019	5.491	ug/l	97
40) Benzene	8.17	78	43589	5.488	ug/l	95
41) Methacrylonitrile	7.35	41	12860	15.213	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	13410	5.320	ug/l	99
43) Isopropyl Acetate	8.28	43	17557	5.669	ug/l	99
44) Trichloroethene	8.95	130	11991	5.159	ug/l	96
45) 1,2-Dichloropropane	9.22	63	11132	5.514	ug/l	100
46) Dibromomethane	9.32	93	5962	5.233	ug/l	96
47) Bromodichloromethane	9.50	83	14670	5.247	ug/l	97
48) Methyl methacrylate	9.30	41	7586	5.175	ug/l	93
49) 1,4-Dioxane	9.30	88	1383	101.897	ug/l #	89
51) 4-Methyl-2-Pentanone	10.08	43	46352	28.122	ug/l	96
52) Toluene	10.25	92	27191	5.336	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	15164	5.101	ug/l	92
54) cis-1,3-Dichloropropene	9.94	75	17313	5.204	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	8604	5.295	ug/l	93
56) Ethyl methacrylate	10.52	69	10868	4.980	ug/l	97
57) 1,3-Dichloropropane	10.79	76	14780	5.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	27575	24.295	ug/l	100
59) 2-Hexanone	10.84	43	31601	26.894	ug/l	99
60) Dibromochloromethane	10.99	129	10300	5.029	ug/l	99
61) 1,2-Dibromoethane	11.09	107	8178	5.233	ug/l	100
64) Tetrachloroethene	10.72	164	11575	4.911	ug/l	94
65) Chlorobenzene	11.52	112	29290	5.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	10991	5.414	ug/l	98
67) Ethyl Benzene	11.60	91	51570	5.375	ug/l	99
68) m/p-Xylenes	11.70	106	38017	10.388	ug/l	97
69) o-Xylene	12.03	106	17733	5.173	ug/l	98
70) Styrene	12.05	104	28890	4.963	ug/l	98
71) Bromoform	12.21	173	6991	5.160	ug/l #	99
73) Isopropylbenzene	12.33	105	48326	5.651	ug/l	99
74) N-amyl acetate	12.14	43	13851	5.657	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	10416	6.210	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	13915	11.461	ug/l #	100
77) Bromobenzene	12.61	156	12531	5.538	ug/l	99
78) n-propylbenzene	12.67	91	56949	5.601	ug/l	99
79) 2-Chlorotoluene	12.76	91	31764	5.570	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	40598	5.566	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	4008	6.425	ug/l	98
82) 4-Chlorotoluene	12.86	91	33290	5.506	ug/l	99
83) tert-Butylbenzene	13.08	119	35043	5.509	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	39656	5.385	ug/l	98
85) sec-Butylbenzene	13.25	105	48567	5.540	ug/l	99
86) p-Isopropyltoluene	13.37	119	43748	5.267	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	23277	5.408	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	23702	5.526	ug/l	96
89) n-Butylbenzene	13.70	91	40364	5.313	ug/l	99
90) Hexachloroethane	13.96	117	7405	5.634	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	20736	5.413	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2064	6.512	ug/l	92

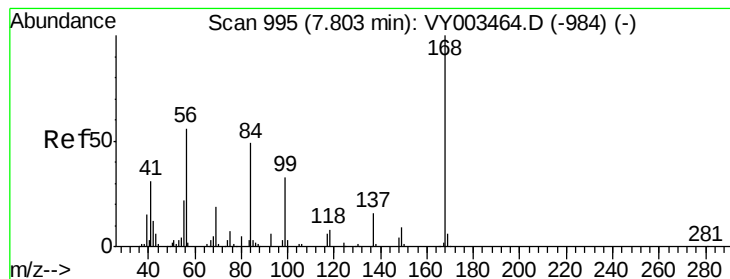
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
Data File : VY003461.D
Acq On : 02 Nov 2020 10:11
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 02 11:34:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 11:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	15028	5.293	ug/l	97
94) Hexachlorobutadiene	15.11	225	10338	5.587	ug/l	96
95) Naphthalene	15.23	128	27181	5.348	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	13314	5.384	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

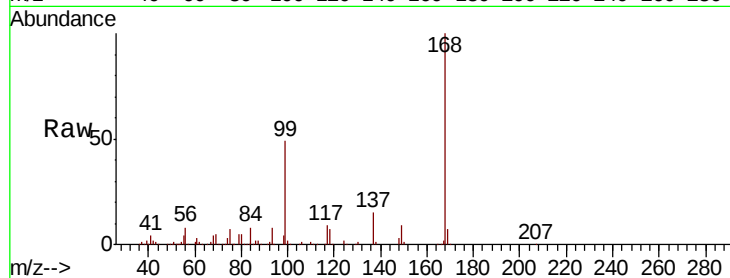
ClientSampled :

Tot Ion:168 Resp: 208564

Ion Ratio Lower Upper

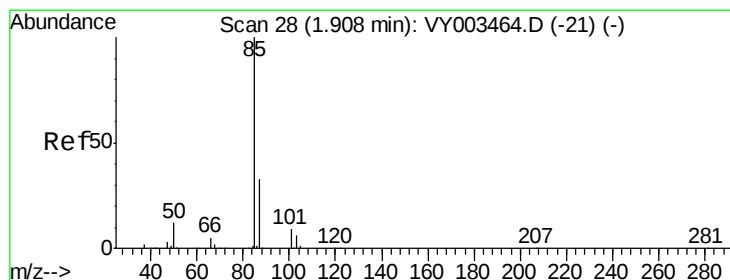
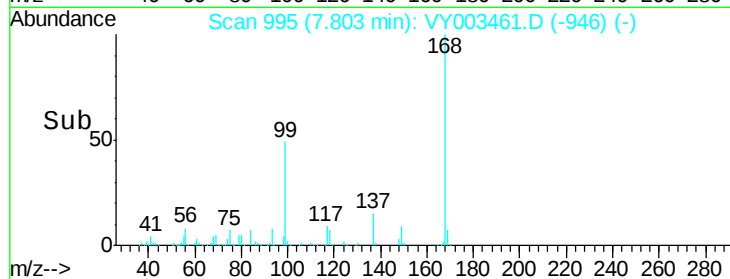
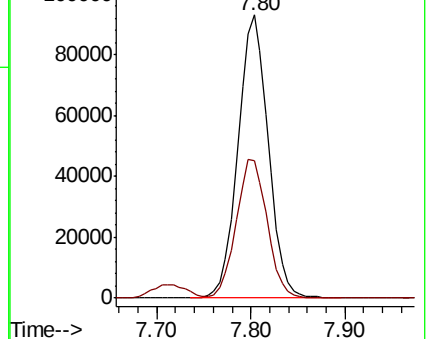
168 100

99 48.7 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003461.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003461.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 6.096 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003461.D

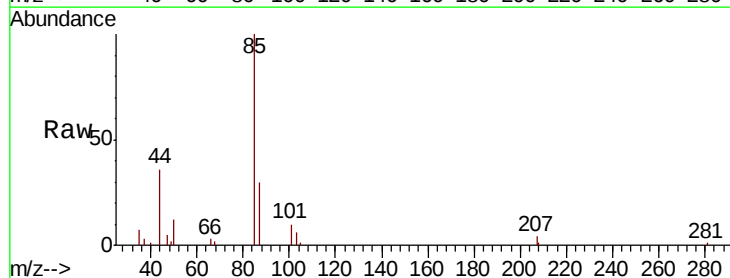
Acq: 02 Nov 2020 10:11

Tgt Ion: 85 Resp: 9875

Ion Ratio Lower Upper

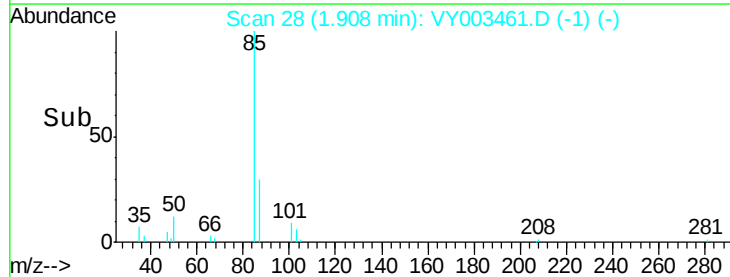
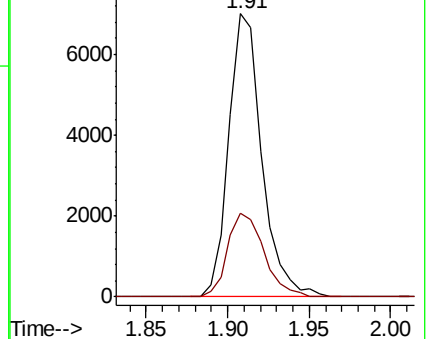
85 100

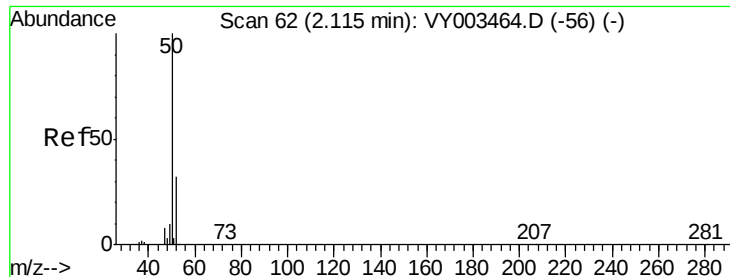
87 29.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003461.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003461.D (-1) (-)





#3

Chloromethane

Concen: 5.779 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

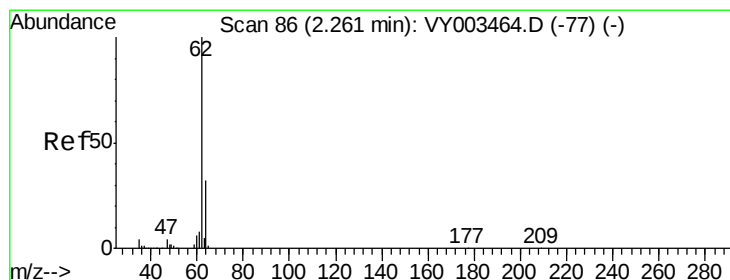
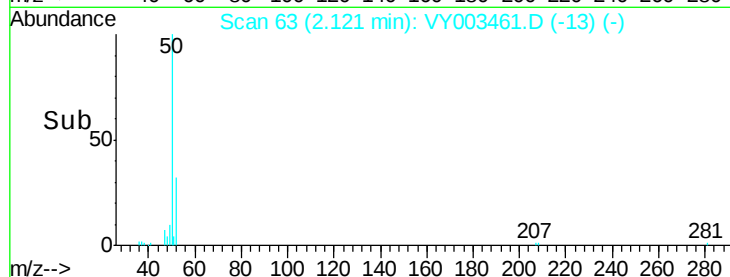
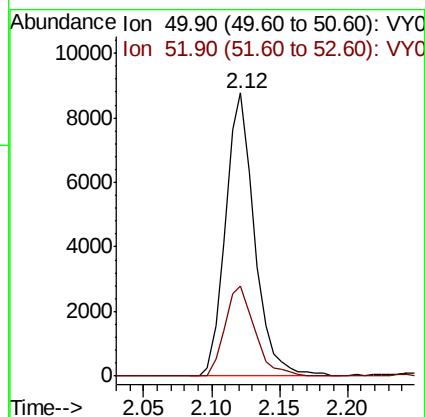
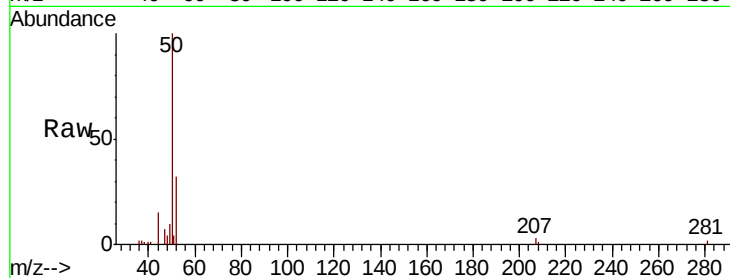
ClientSampleId :

Tot Ion: 50 Resp: 12958

Ion Ratio Lower Upper

50 100

52 31.8 25.6 38.4



#4

Vinyl Chloride

Concen: 5.823 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003461.D

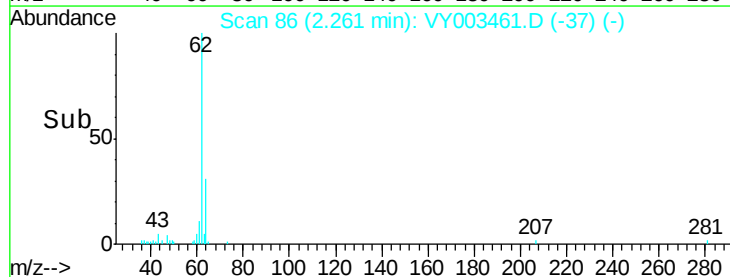
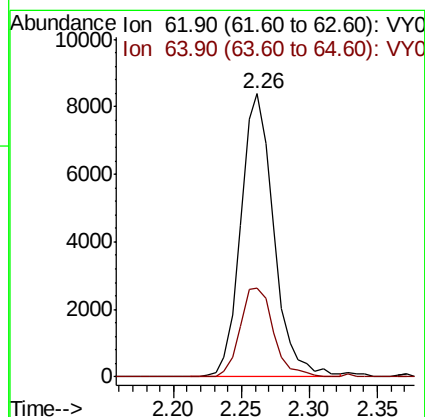
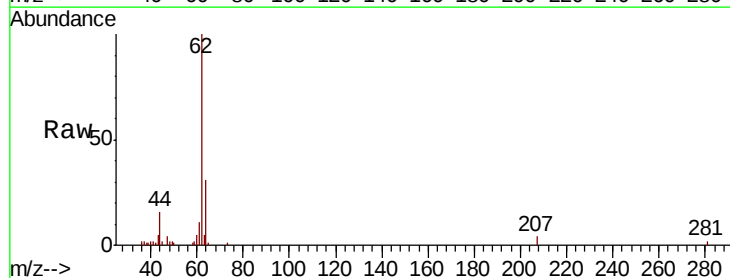
Acq: 02 Nov 2020 10:11

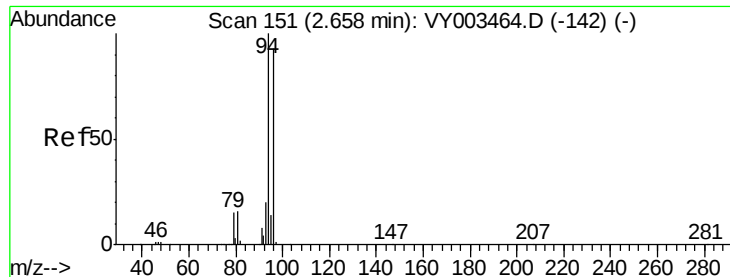
Tgt Ion: 62 Resp: 14253

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3

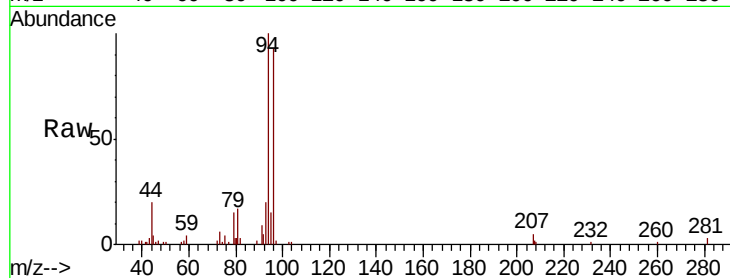




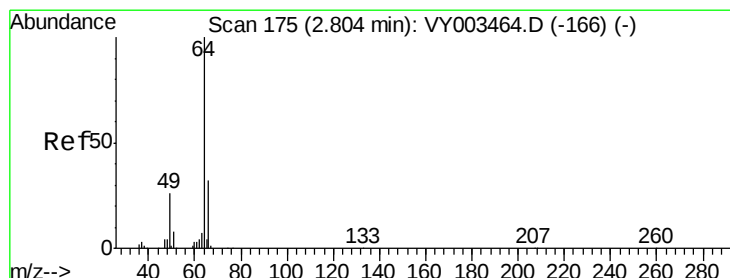
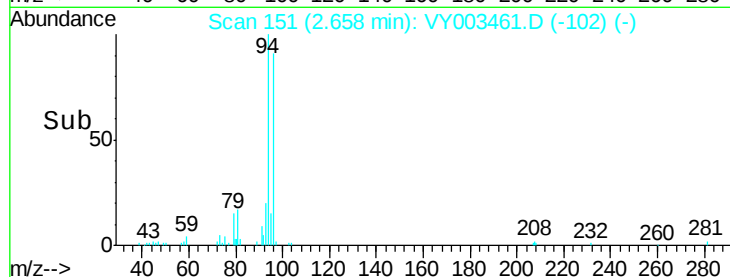
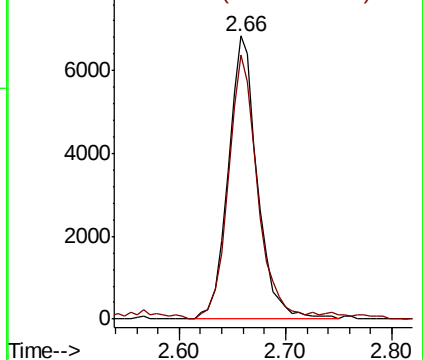
#5
Bromomethane
Concen: 5.644 ug/l
RT: 2.66 min Scan# 151
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 13087
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0

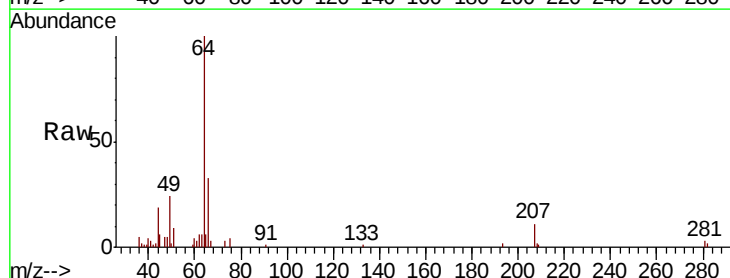


Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0

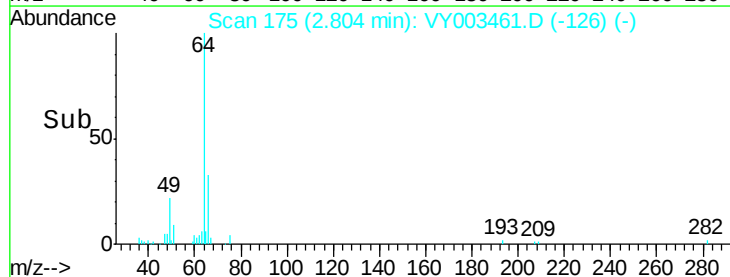
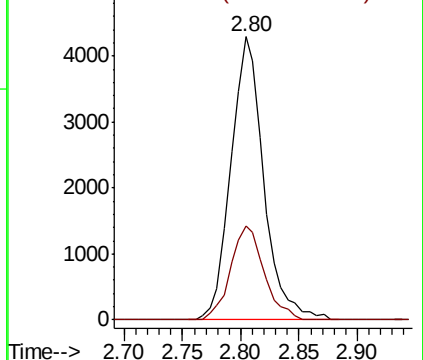


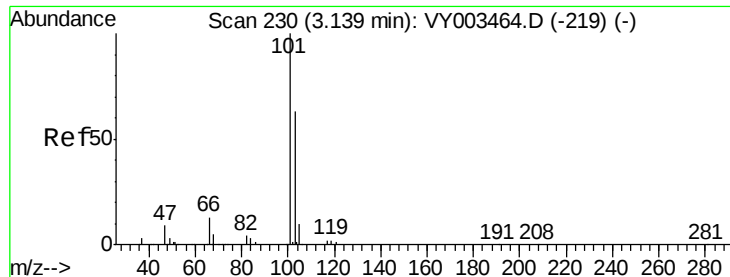
#6
Chloroethane
Concen: 5.648 ug/l
RT: 2.80 min Scan# 175
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion: 64 Resp: 8418
Ion Ratio Lower Upper
64 100
66 33.4 25.6 38.4



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



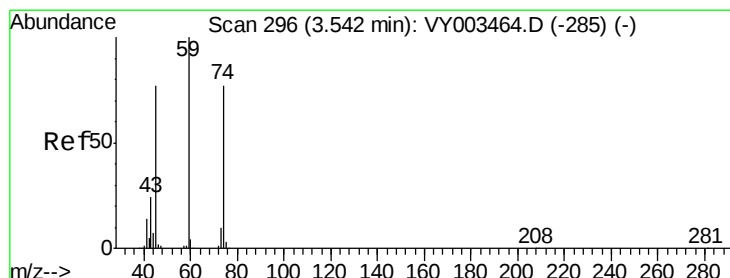
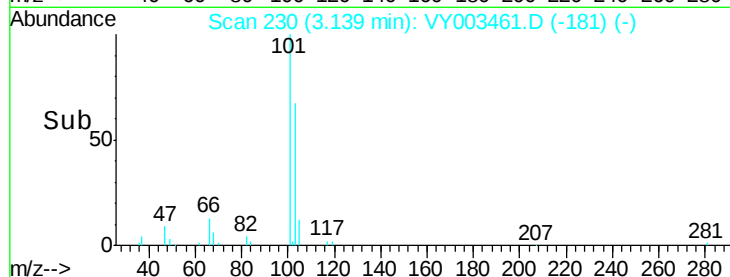
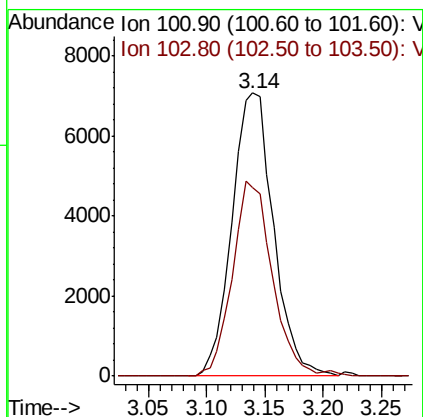
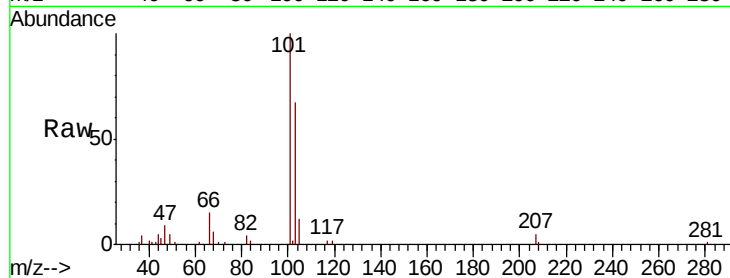


#7

Trichlorofluoromethane
 Concen: 5.795 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :

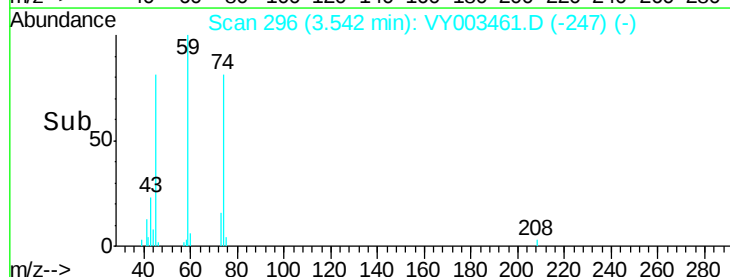
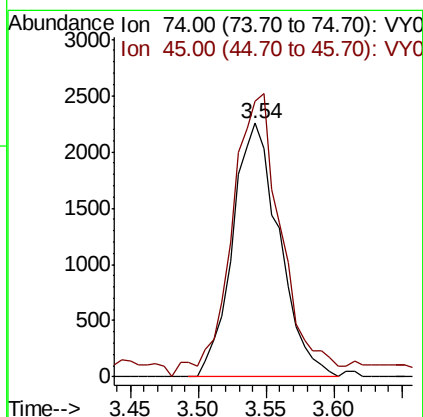
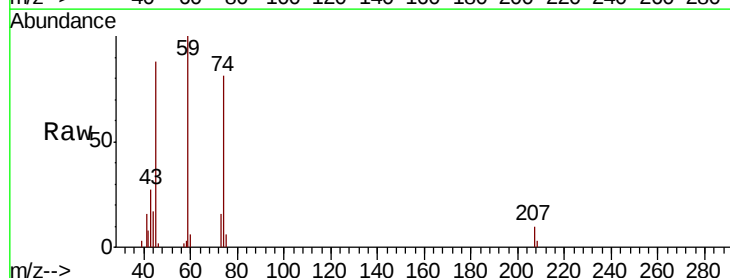
Tot Ion:101 Resp: 17588
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.7 76.1

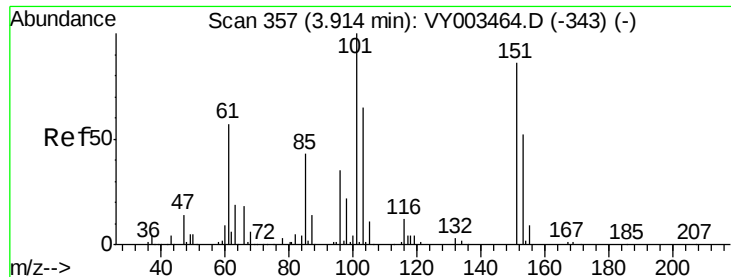


#8

Diethyl Ether
 Concen: 5.431 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Tgt Ion: 74 Resp: 5412
 Ion Ratio Lower Upper
 74 100
 45 119.4 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.727 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

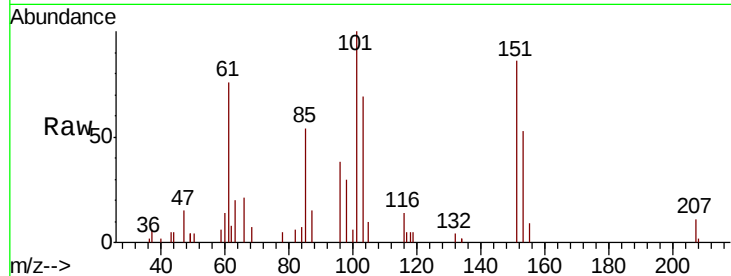
Tot Ion:101 Resp: 9684

Ion Ratio Lower Upper

101 100

85 47.8 35.8 53.8

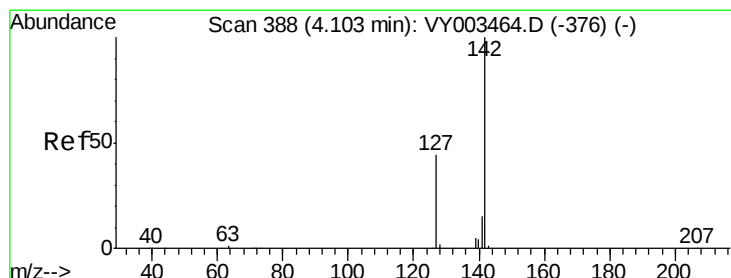
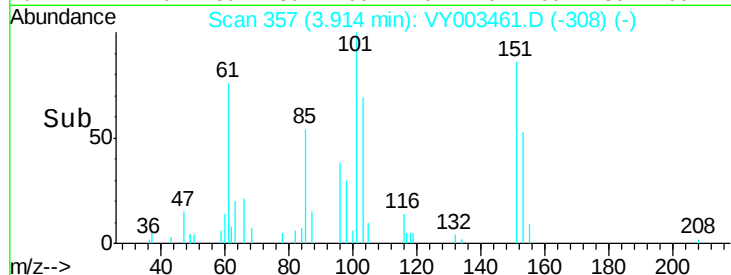
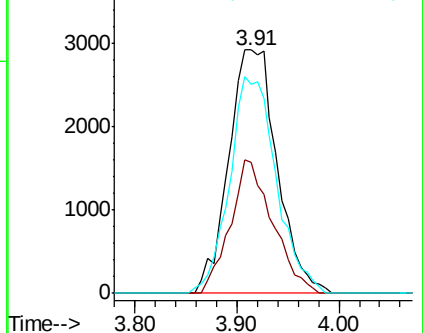
151 85.4 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.760 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

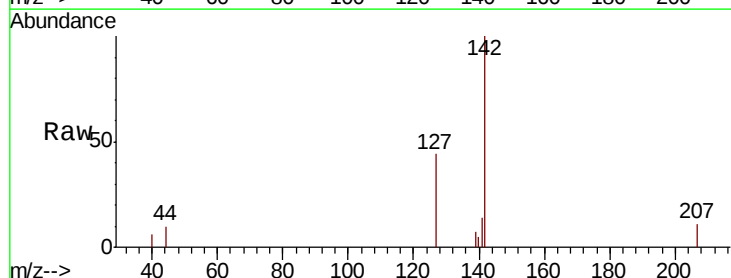
Tgt Ion:142 Resp: 5732

Ion Ratio Lower Upper

142 100

127 45.9 34.5 51.7

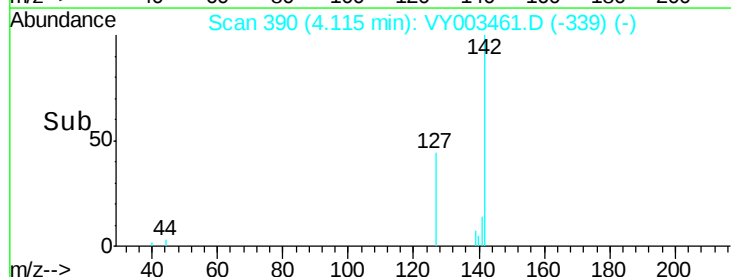
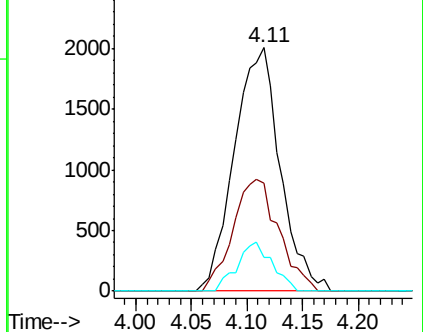
141 15.3 11.8 17.8

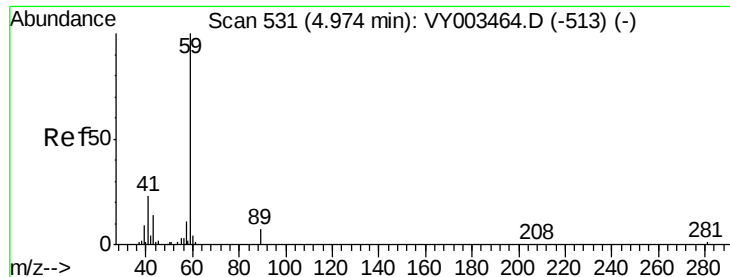


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

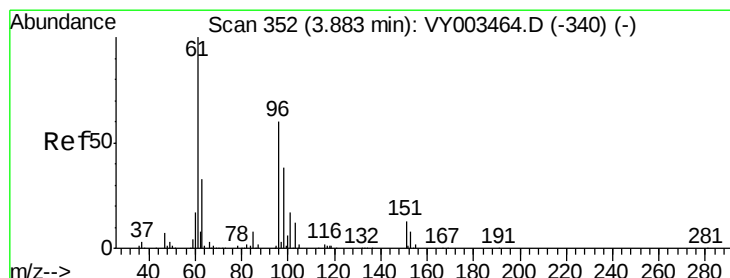
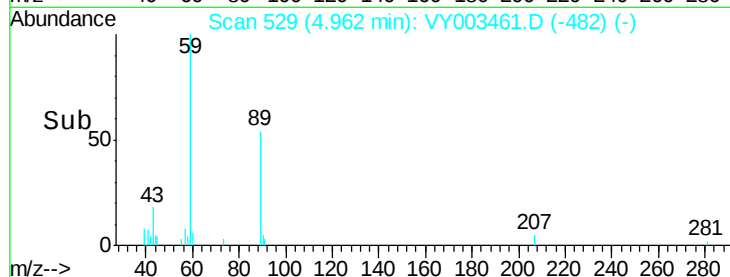
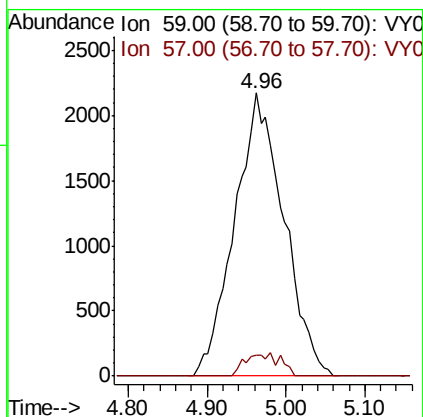
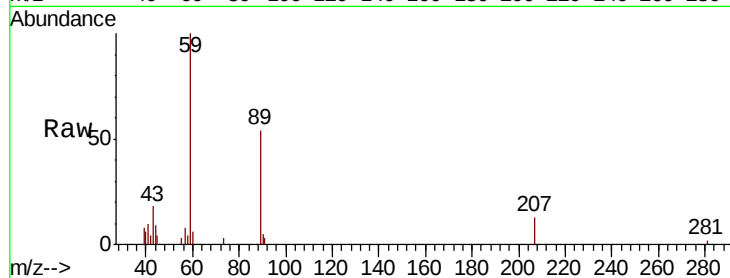




#11
Tert butyl alcohol
Concen: 46.167 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

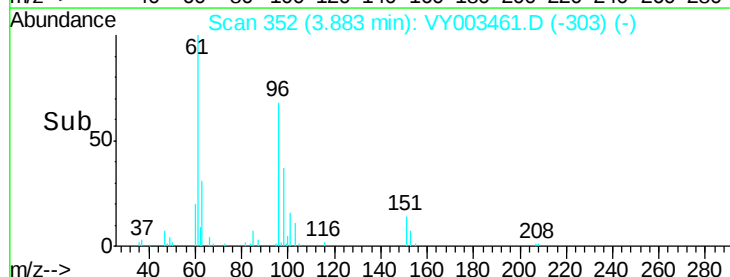
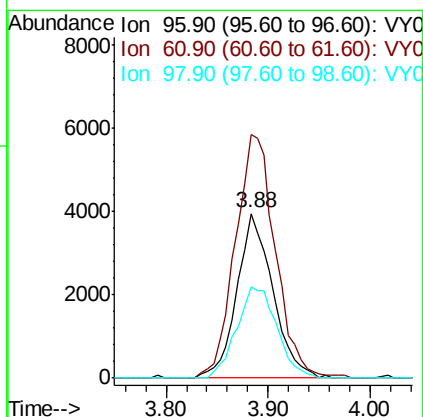
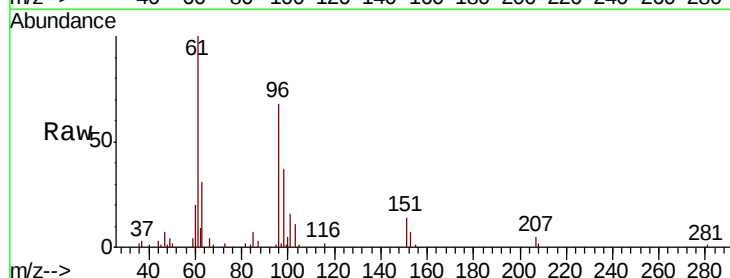
Instrument :
MSVOA_Y
ClientSampleId :

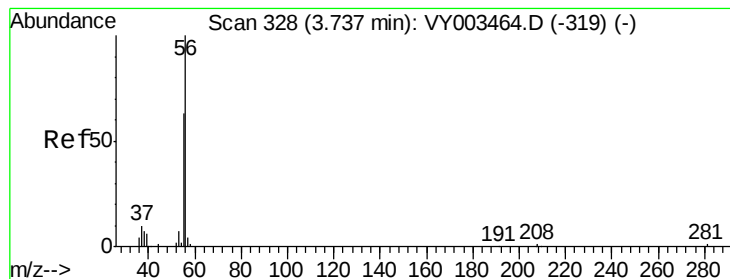
Tot Ion: 59 Resp: 9381
Ion Ratio Lower Upper
59 100
57 5.8 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 5.819 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion: 96 Resp: 9698
Ion Ratio Lower Upper
96 100
61 147.7 133.6 200.4
98 55.3 50.2 75.2





#13

Acrolein

Concen: 30.014 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

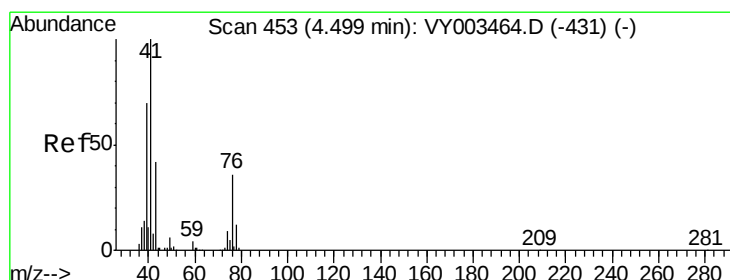
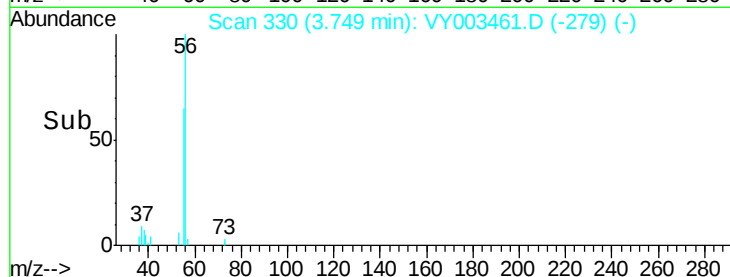
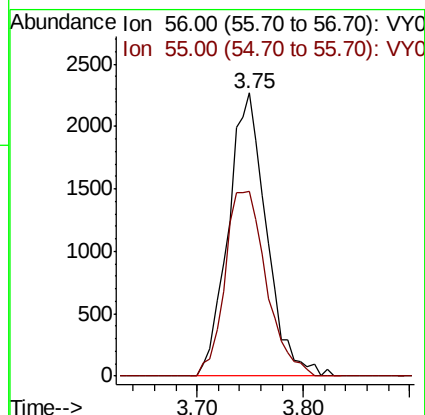
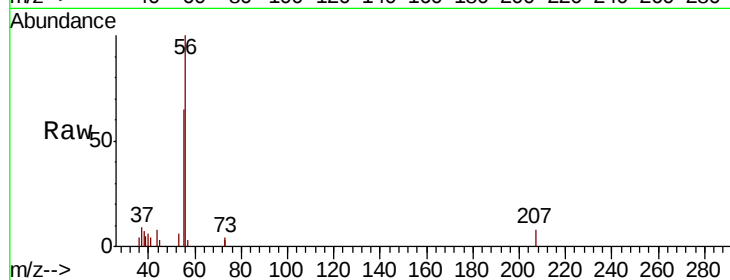
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 5690

Ion Ratio Lower Upper

56 100

55 70.9 56.6 85.0



#14

Allyl chloride

Concen: 5.927 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

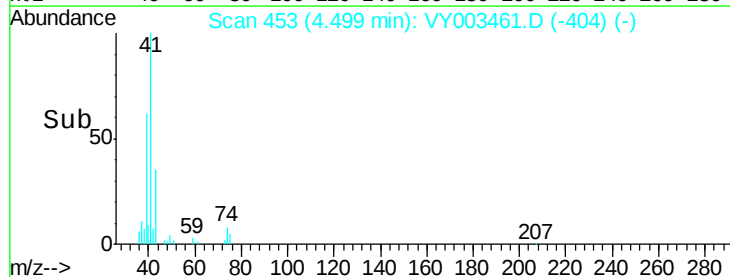
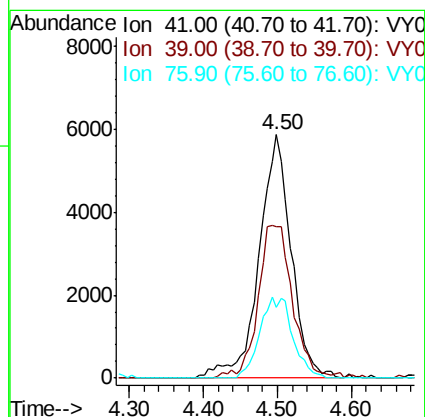
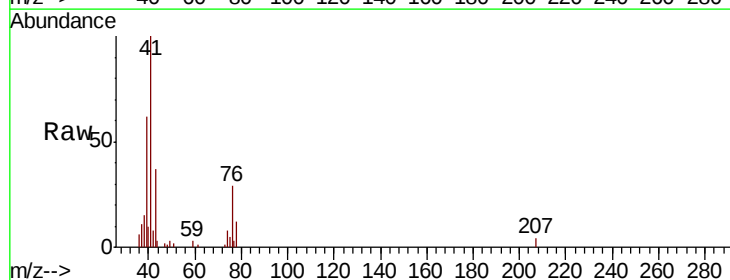
Tgt Ion: 41 Resp: 17659

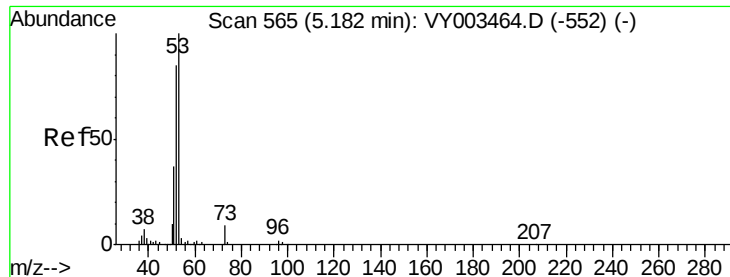
Ion Ratio Lower Upper

41 100

39 67.1 54.4 81.6

76 34.0 27.6 41.4





#15

Acrylonitrile

Concen: 30.355 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

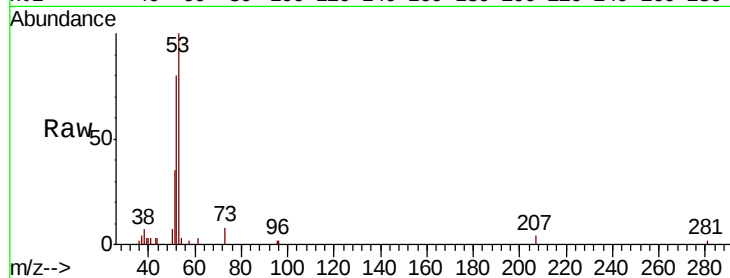
Tot Ion: 53 Resp: 14648

Ion Ratio Lower Upper

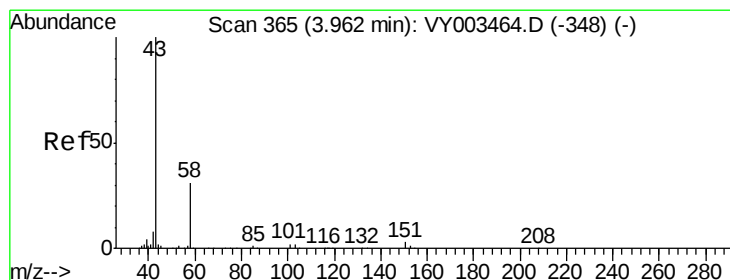
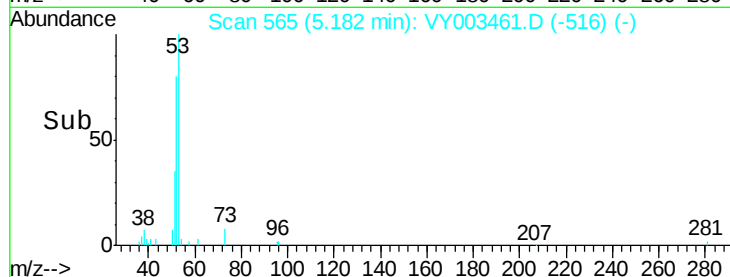
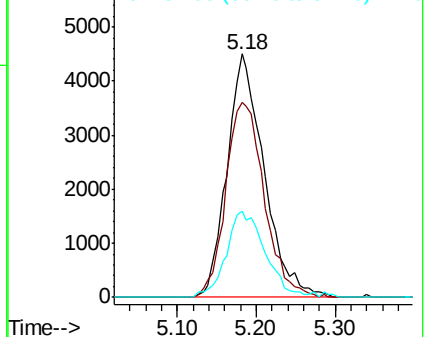
53 100

52 83.5 66.9 100.3

51 37.0 29.3 43.9



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



#16

Acetone

Concen: 32.711 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY003461.D

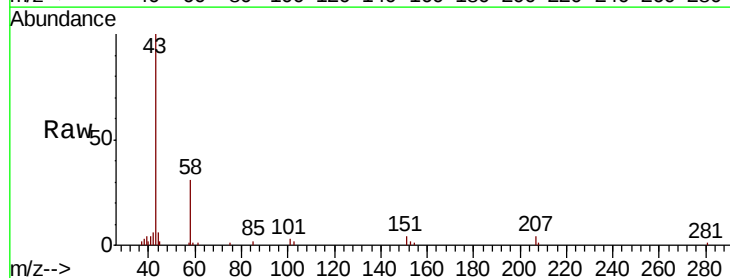
Acq: 02 Nov 2020 10:11

Tgt Ion: 43 Resp: 17982

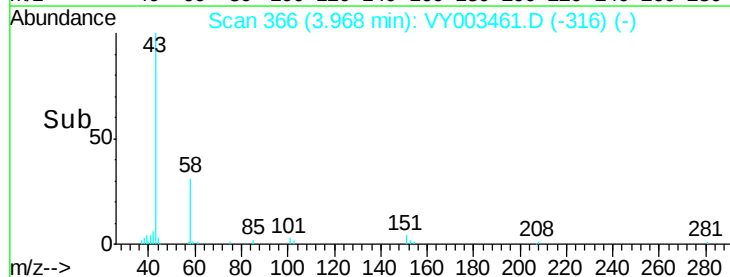
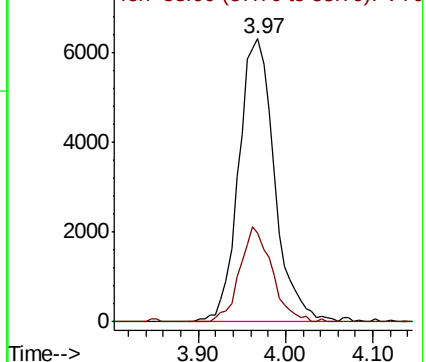
Ion Ratio Lower Upper

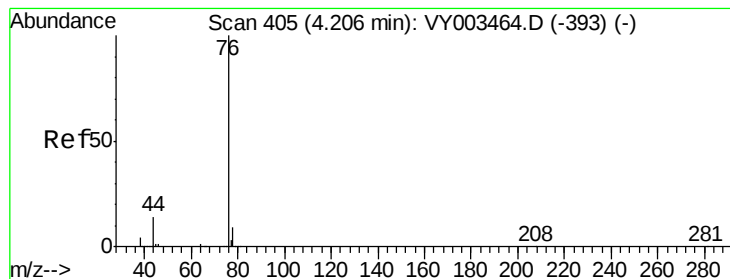
43 100

58 31.3 25.0 37.4



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





#17

Carbon Disulfide

Concen: 5.727 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

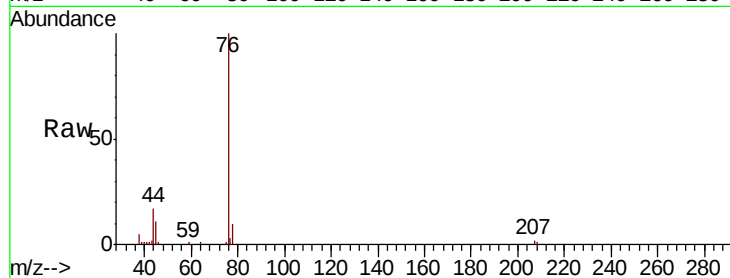
ClientSampleId :

Tot Ion: 76 Resp: 31110

Ion Ratio Lower Upper

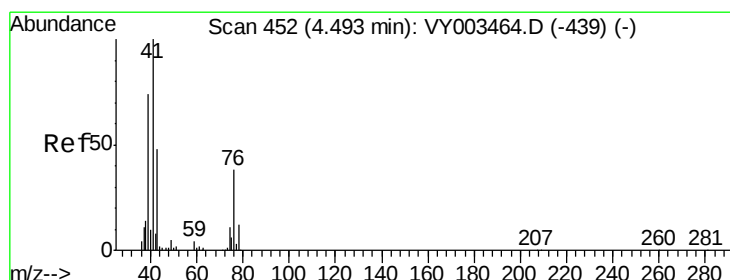
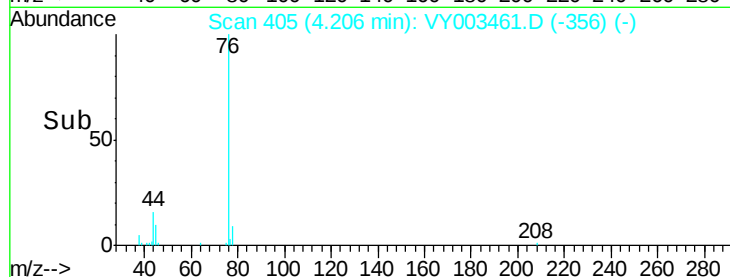
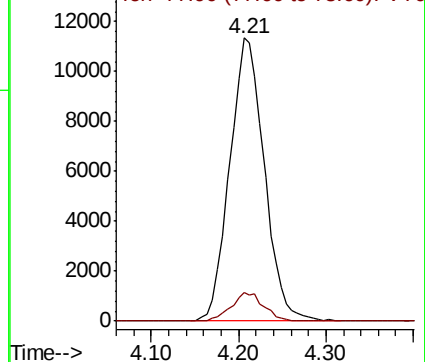
76 100

78 10.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 6.463 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003461.D

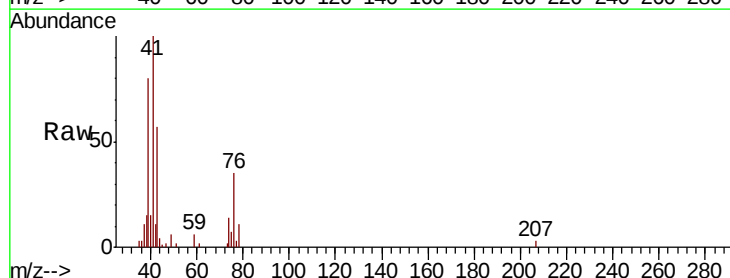
Acq: 02 Nov 2020 10:11

Tgt Ion: 43 Resp: 8034

Ion Ratio Lower Upper

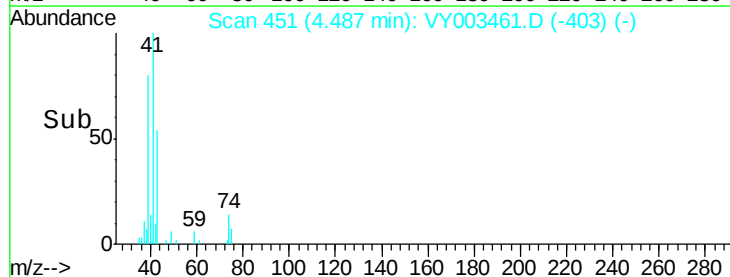
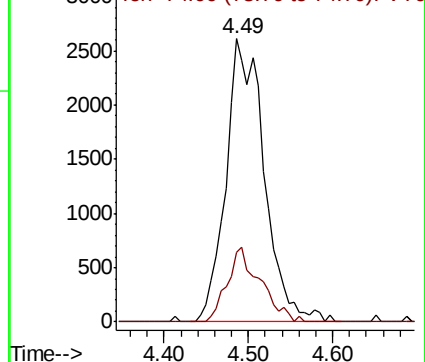
43 100

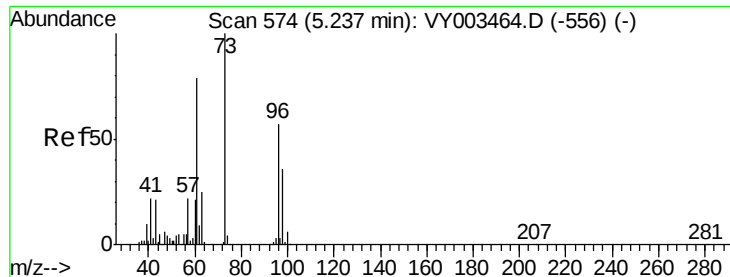
74 22.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

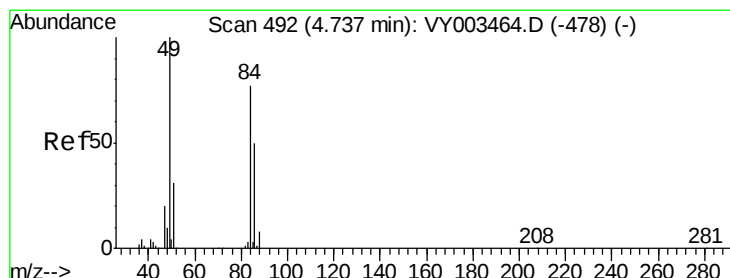
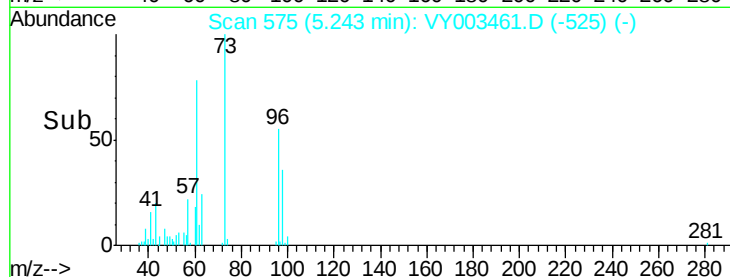
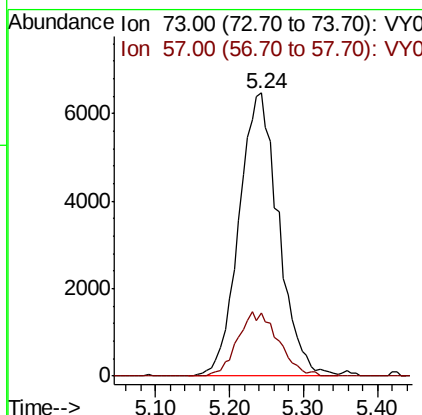
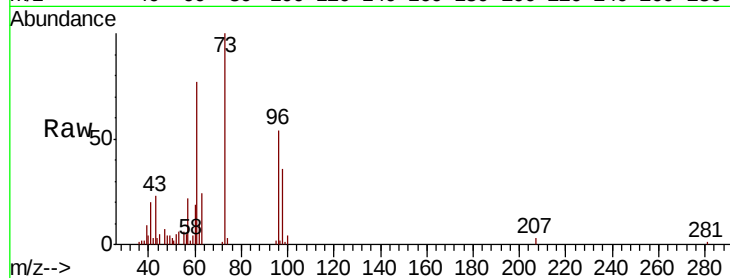




#19
Methvl tert-butvl Ether
Concen: 5.547 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.01 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

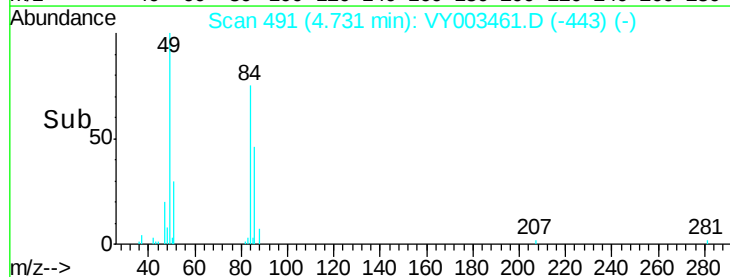
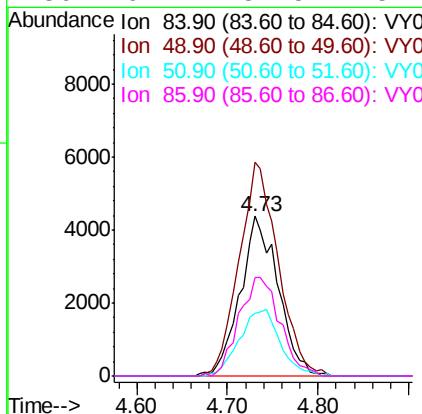
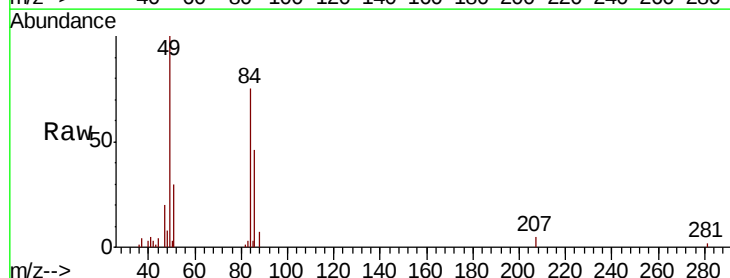
Instrument :
MSVOA_Y
ClientSampleId :

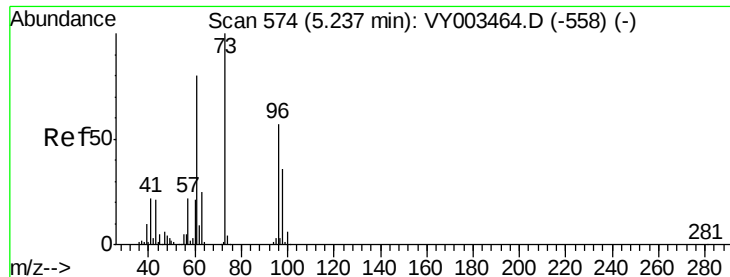
Tot Ion: 73 Resp: 24102
Ion Ratio Lower Upper
73 100
57 22.5 17.2 25.8



#20
Methylene Chloride
Concen: 5.718 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion: 84 Resp: 12754
Ion Ratio Lower Upper
84 100
49 133.8 104.3 156.5
51 39.5 32.5 48.7
86 61.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 5.805 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :

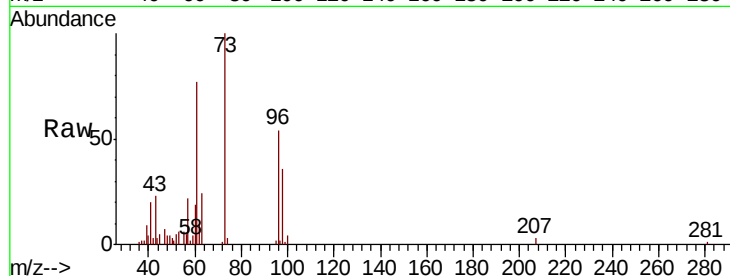
Tot Ion: 96 Resp: 11319

Ion Ratio Lower Upper

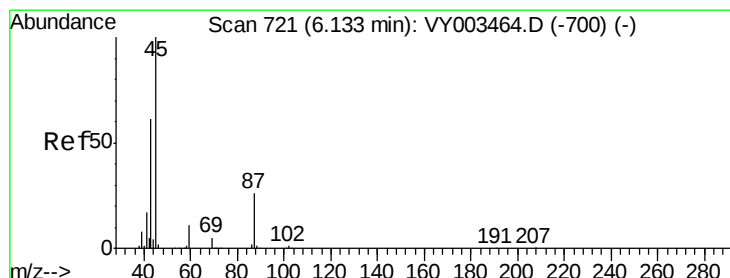
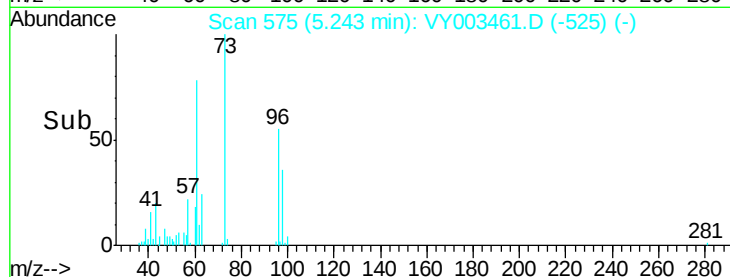
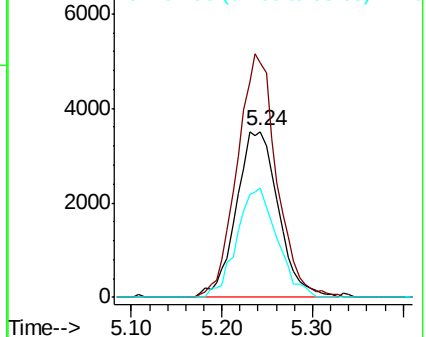
96 100

61 141.7 111.3 166.9

98 65.5 50.3 75.5



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



#22

Diisopropyl ether

Concen: 5.490 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Tgt Ion: 45 Resp: 30300

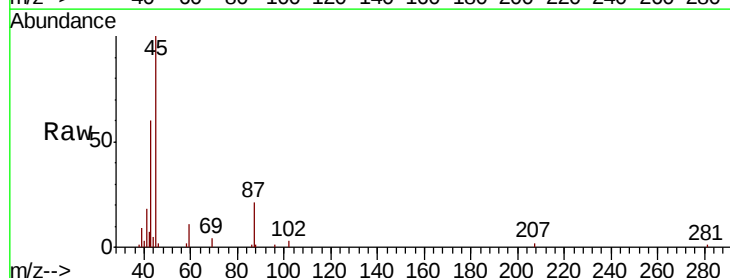
Ion Ratio Lower Upper

45 100

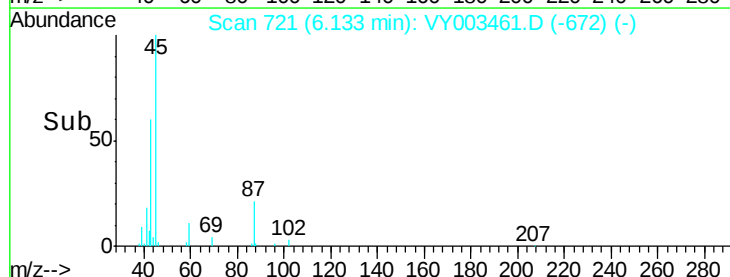
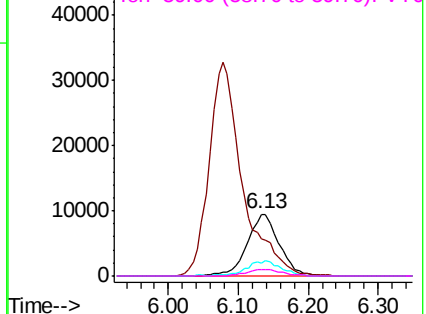
43 58.6 48.8 73.2

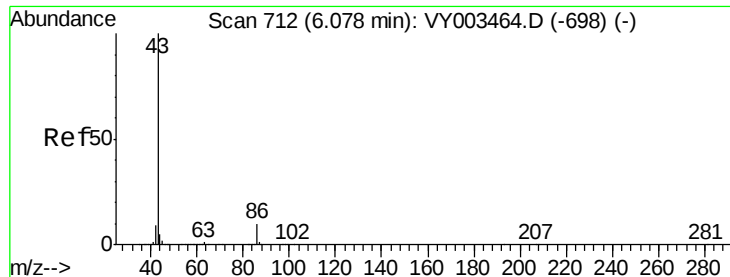
87 21.4 20.6 31.0

59 10.5 9.0 13.4



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

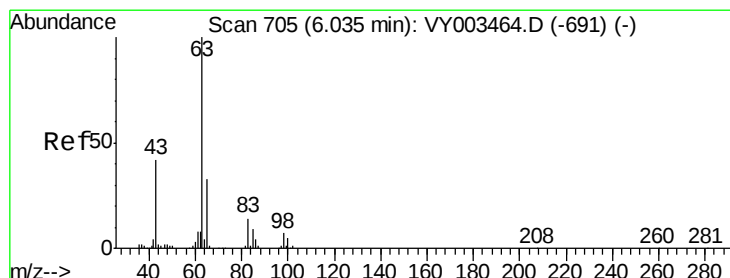
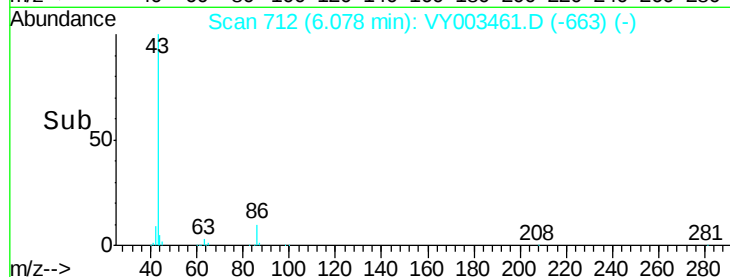
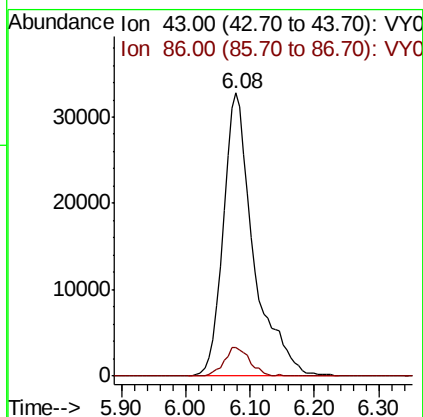
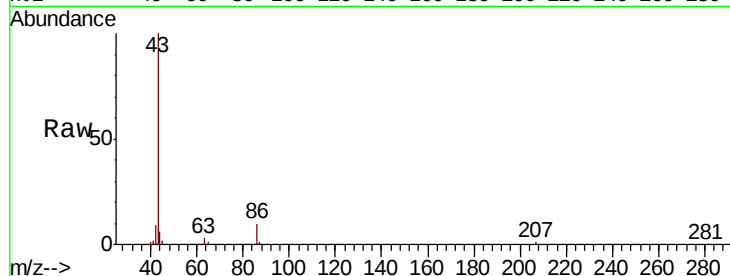




#23
 Vinyl Acetate
 Concen: 26.673 ug/l
 RT: 6.08 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

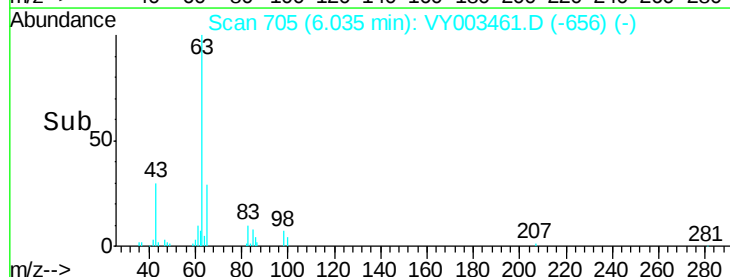
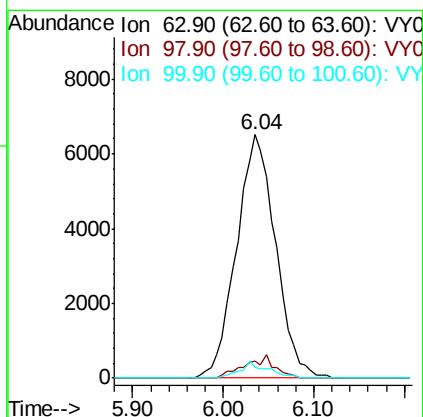
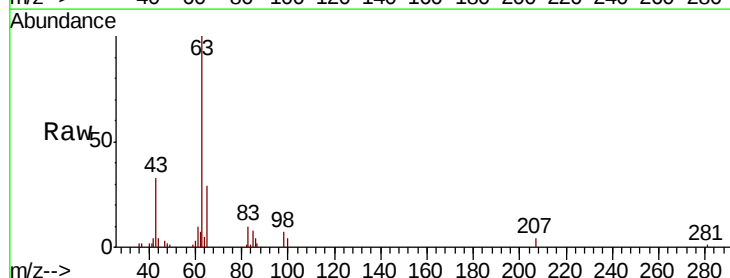
Instrument :
 MSVOA_Y
 ClientSampleId :

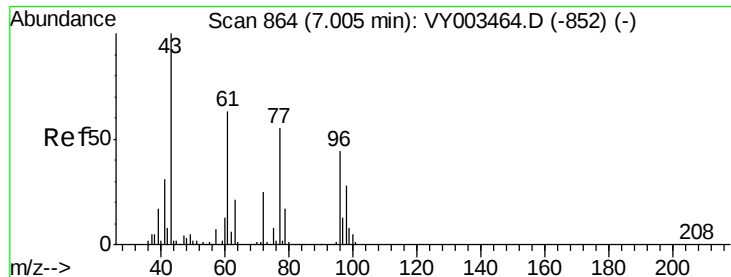
Tot Ion: 43 Resp: 108324
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 5.646 ug/l
 RT: 6.04 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Tgt Ion: 63 Resp: 19412
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 30.497 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

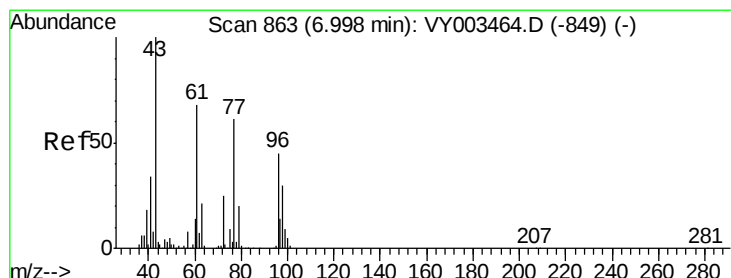
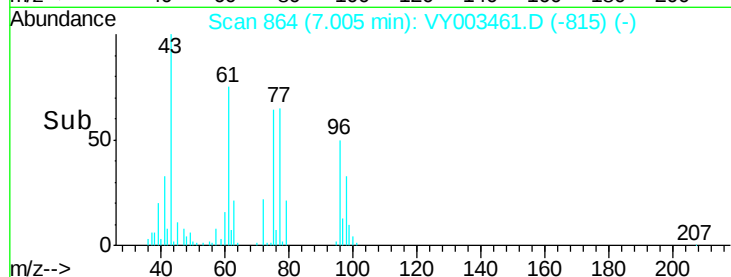
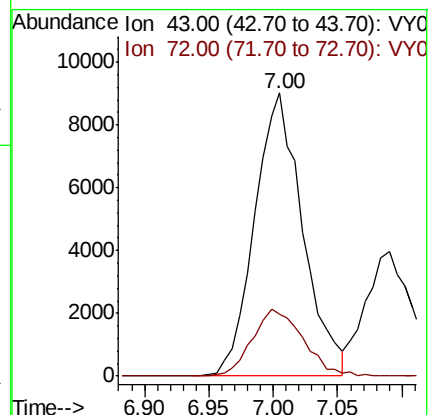
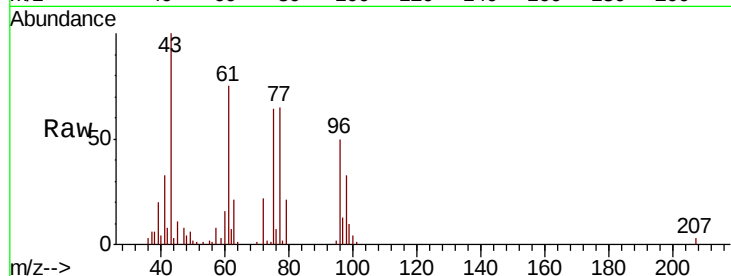
ClientSampleId :

Tot Ion: 43 Resp: 23288

Ion Ratio Lower Upper

43 100

72 21.9 20.1 30.1



#26

2,2-Dichloropropane

Concen: 6.150 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003461.D

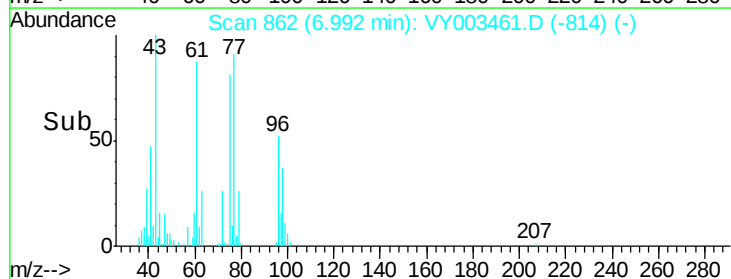
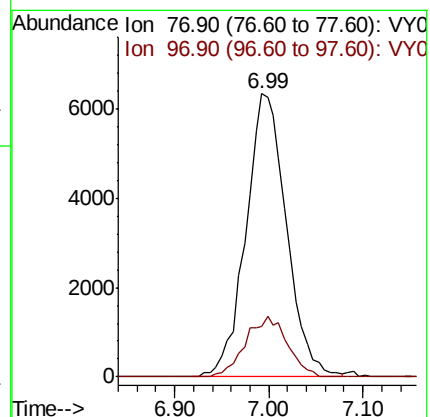
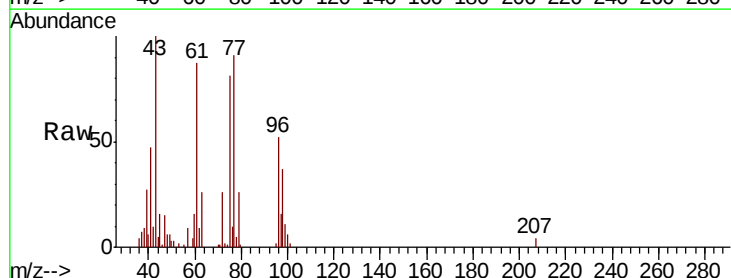
Acq: 02 Nov 2020 10:11

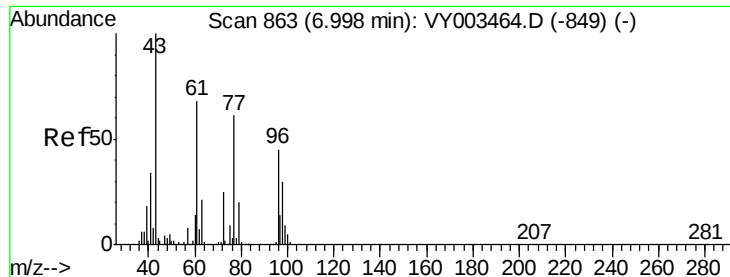
Tgt Ion: 77 Resp: 19079

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.6



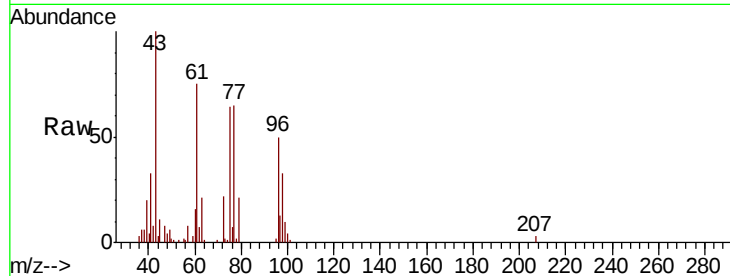


#27

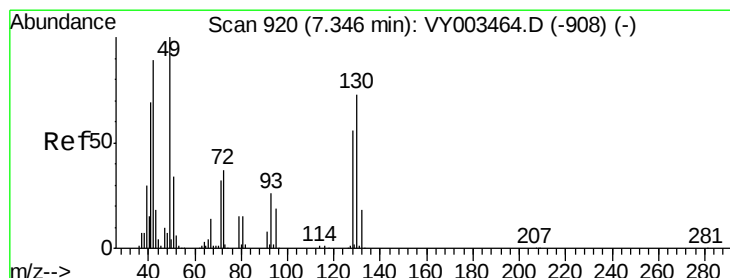
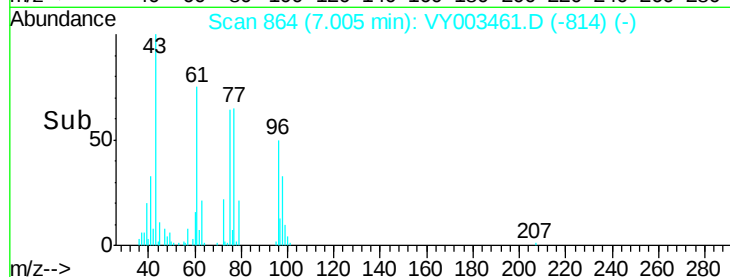
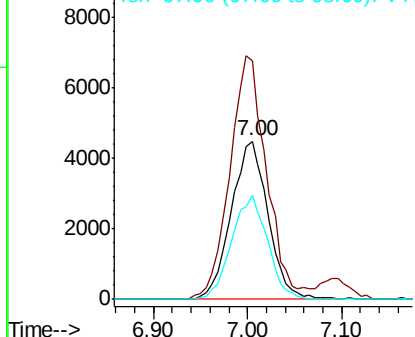
cis-1,2-Dichloroethene
Concen: 5.642 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 12200
Ion Ratio Lower Upper
96 100
61 153.2 0.0 299.2
98 63.6 0.0 128.6



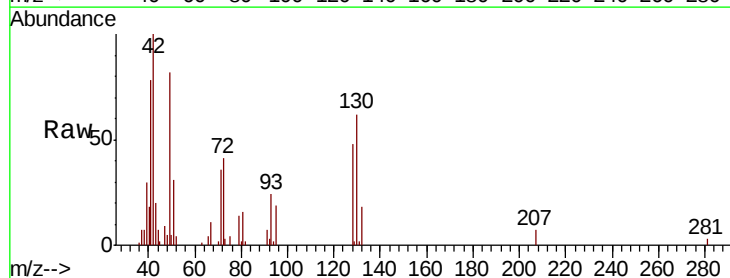
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



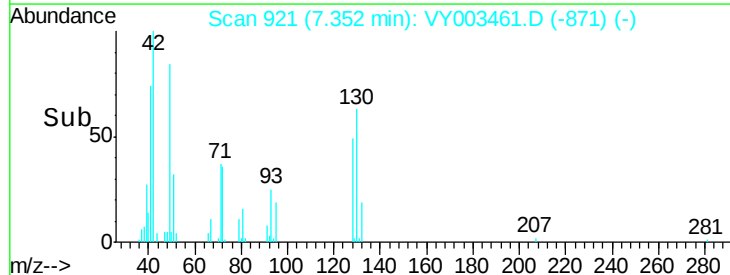
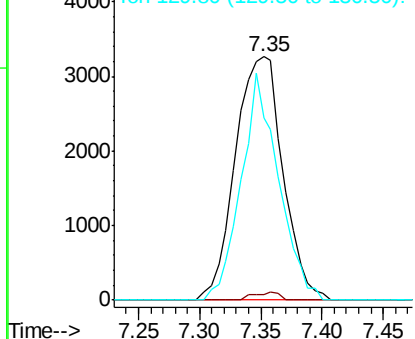
#28

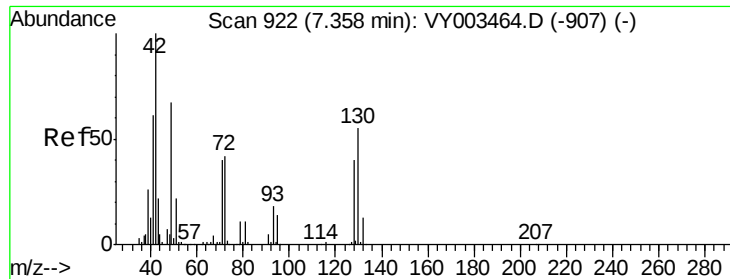
Bromochloromethane
Concen: 5.230 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion: 49 Resp: 8815
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.2
130 73.2 60.0 90.0



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

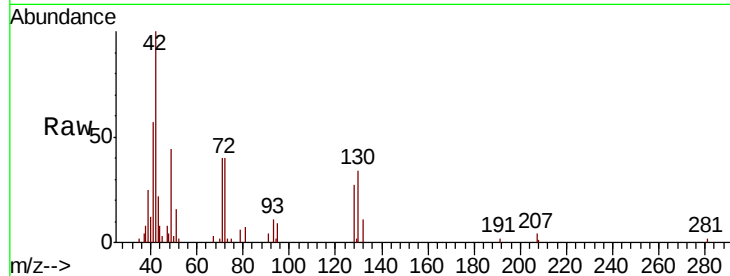




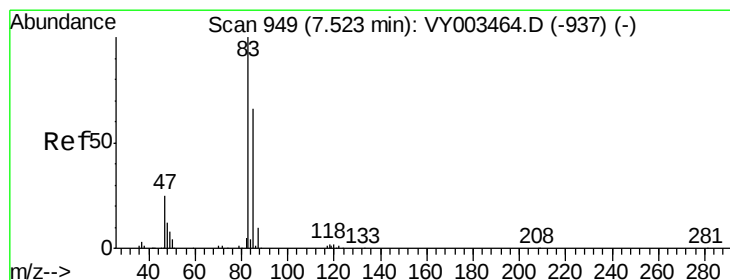
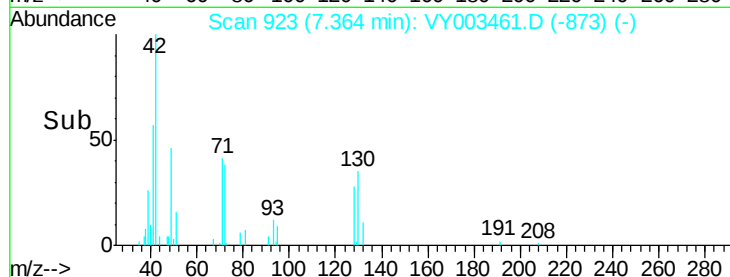
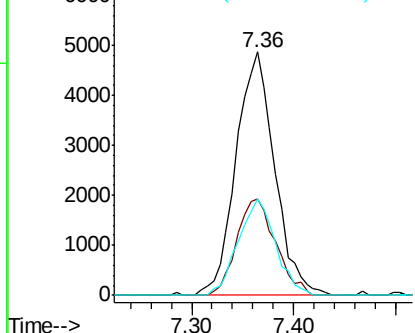
#29
Tetrahydrofuran
Concen: 29.512 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.8	49.2
71	38.0	30.7	46.1

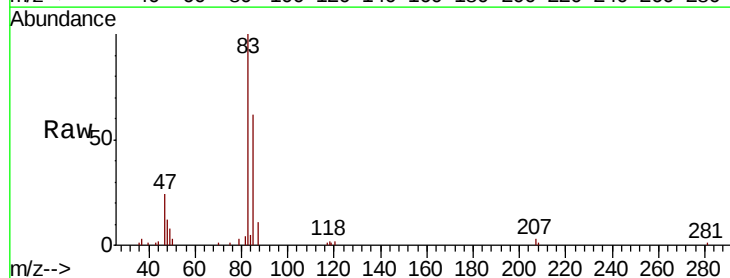


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

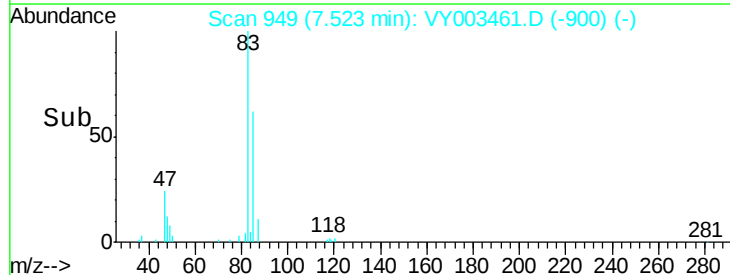
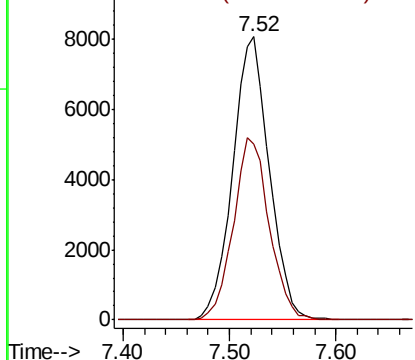


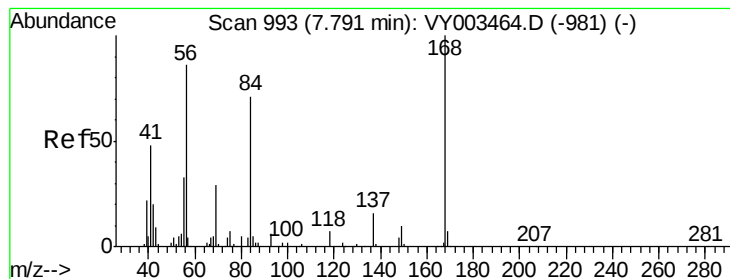
#30
Chloroform
Concen: 5.607 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.6	79.0



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





#31

Cyclohexane

Concen: 6.497 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

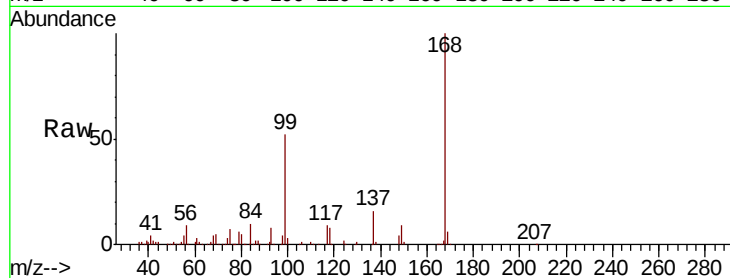
Tot Ion: 56 Resp: 20019

Ion Ratio Lower Upper

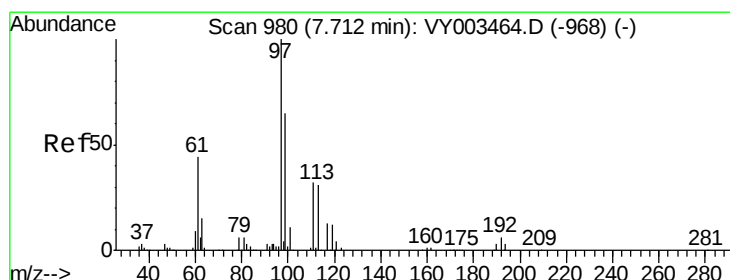
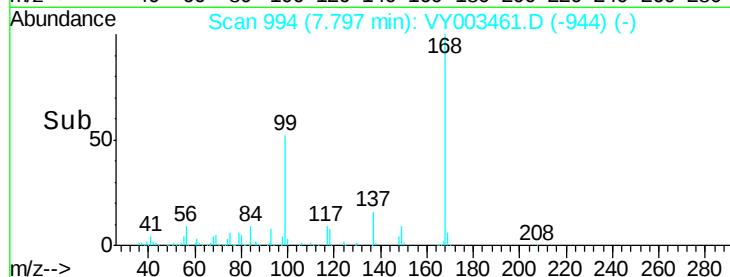
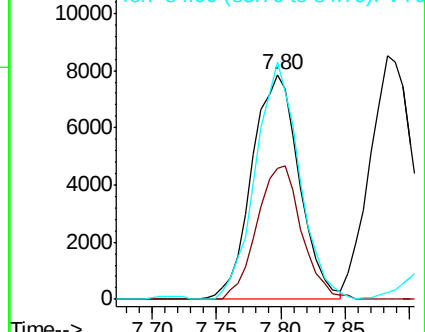
56 100

69 58.4 26.6 39.8#

84 105.5 65.9 98.9#



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: 5.599 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

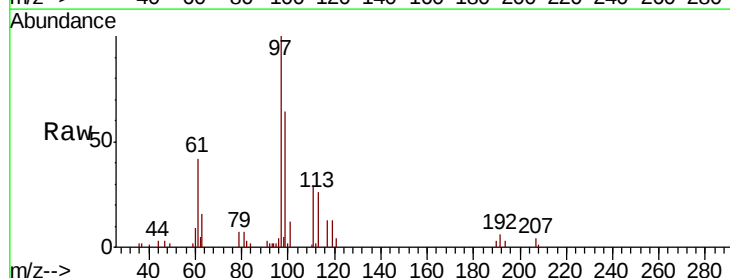
Tgt Ion: 97 Resp: 17854

Ion Ratio Lower Upper

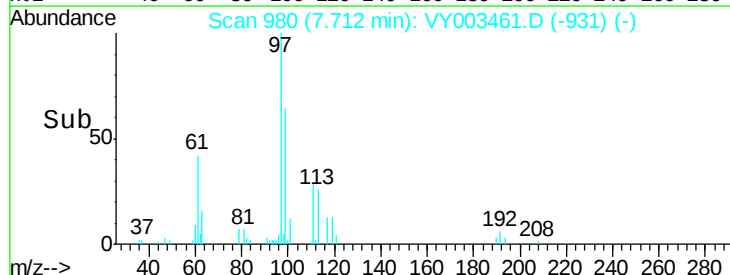
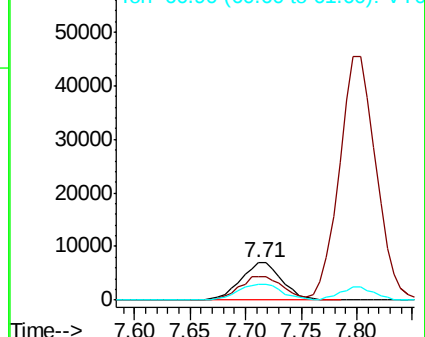
97 100

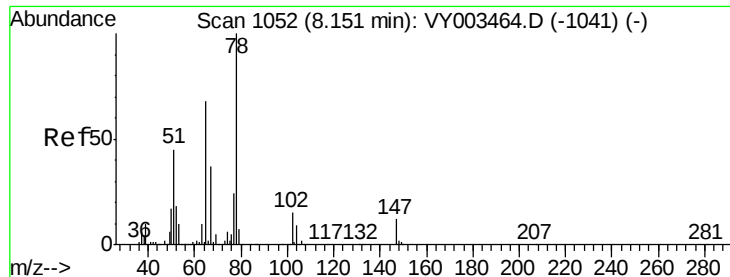
99 66.8 51.6 77.4

61 45.1 35.1 52.7



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

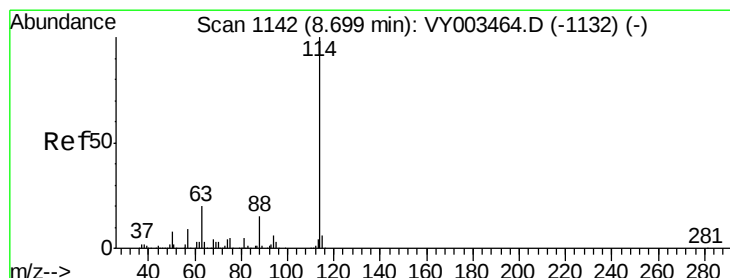
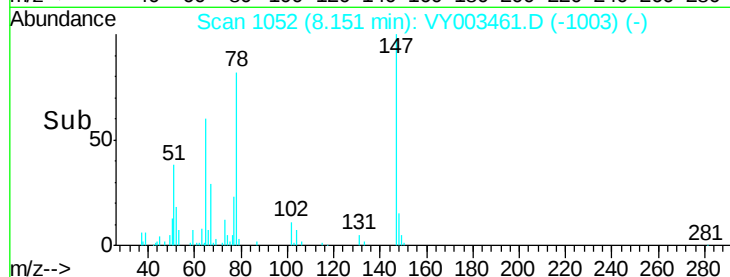
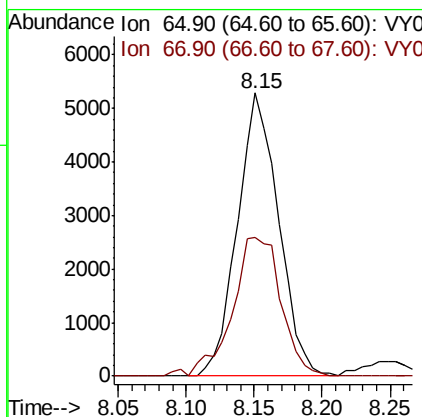
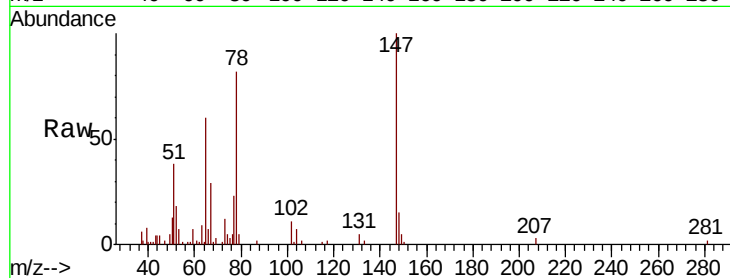




#33
 1,2-Dichloroethane-d4
 Concen: 5.356 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

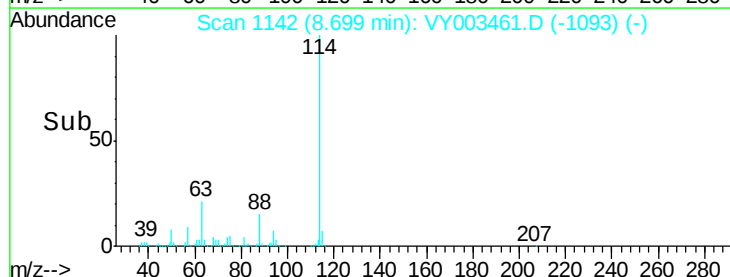
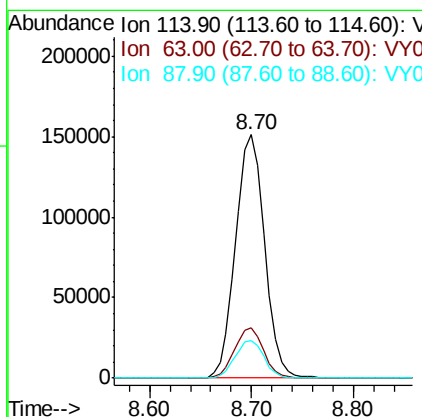
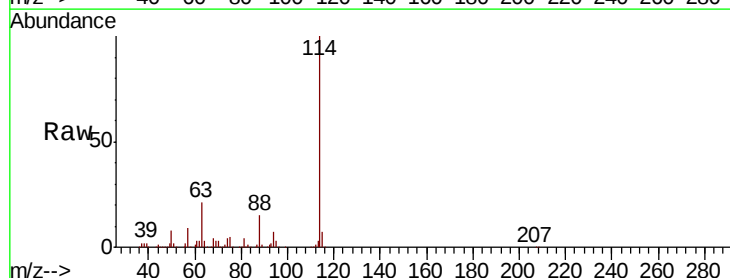
Instrument :
 MSVOA_Y
 ClientSampleId :

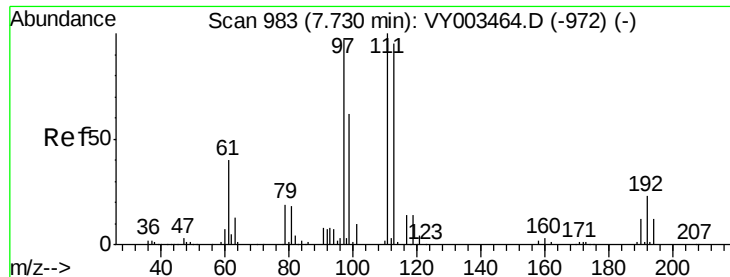
Tot Ion: 65 Resp: 11202
 Ion Ratio Lower Upper
 65 100
 67 58.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Tgt Ion: 114 Resp: 298896
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.6
 88 15.3 0.0 29.4

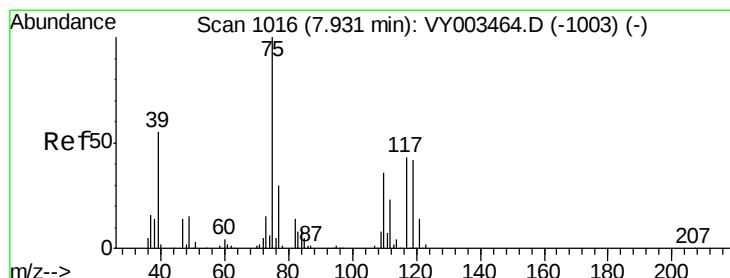
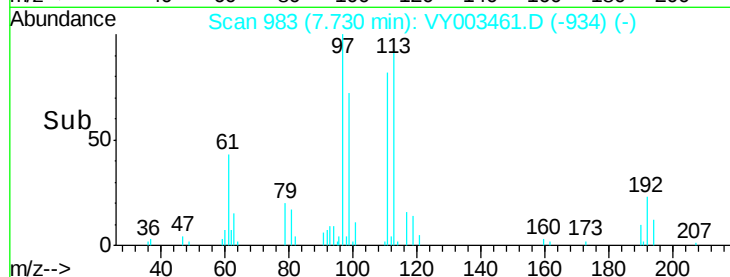
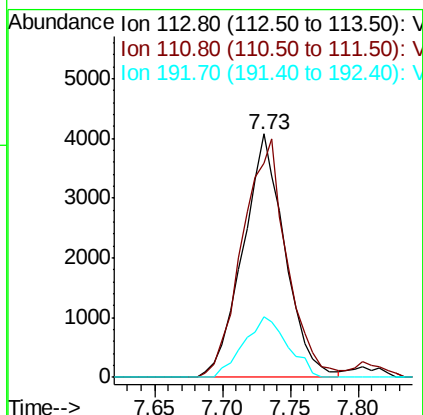
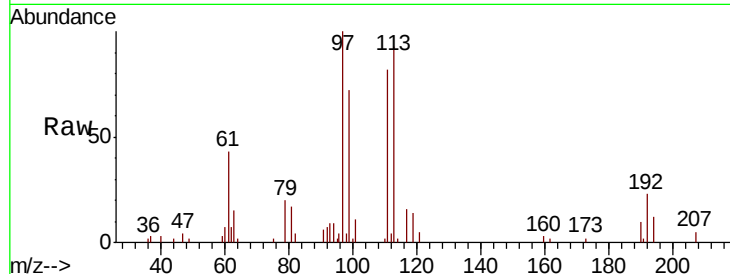




#35
 Dibromofluoromethane
 Concen: 4.920 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

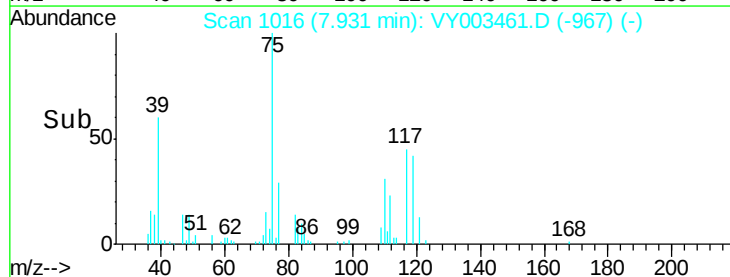
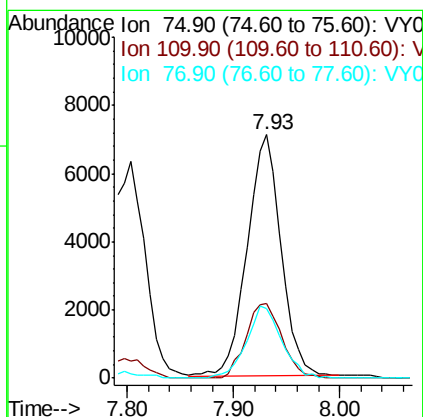
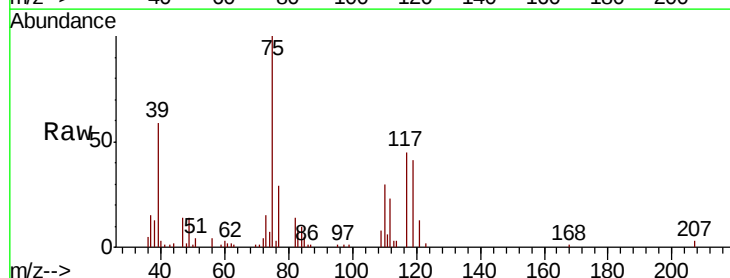
Instrument :
 MSVOA_Y
 ClientSampled :

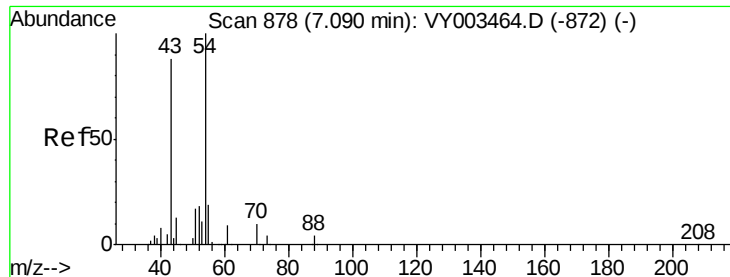
Tot Ion:113 Resp: 8794
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.6
 192 25.9 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 5.657 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Tgt Ion: 75 Resp: 15908
 Ion Ratio Lower Upper
 75 100
 110 32.5 17.6 52.9
 77 30.8 24.7 37.1

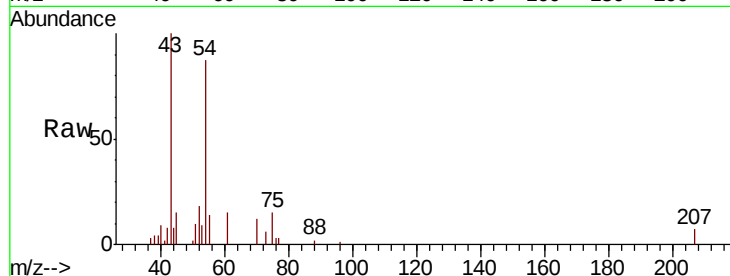




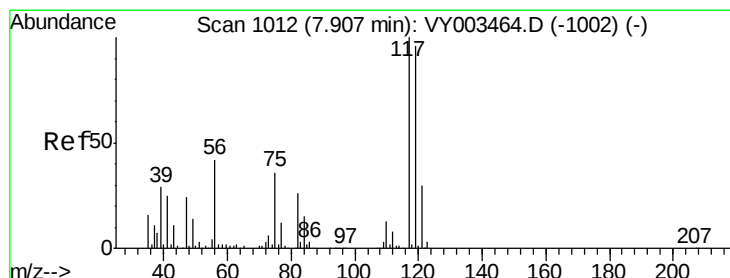
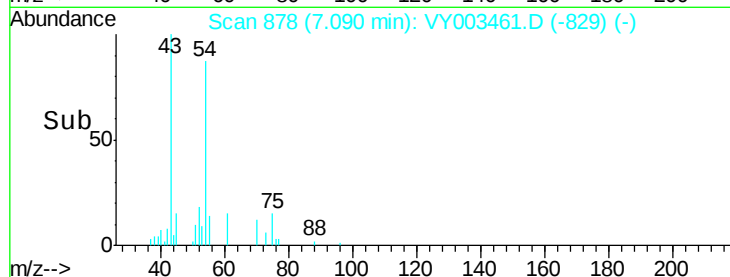
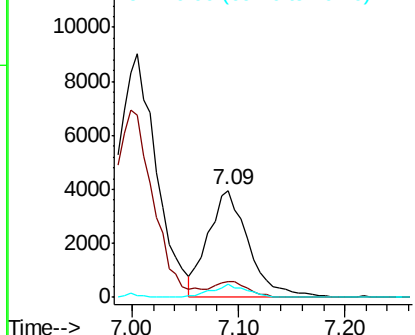
#37
Ethyl Acetate
Concen: 6.321 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 10505
Ion Ratio Lower Upper
43 100
61 12.8 11.0 16.6
70 10.2 7.9 11.9

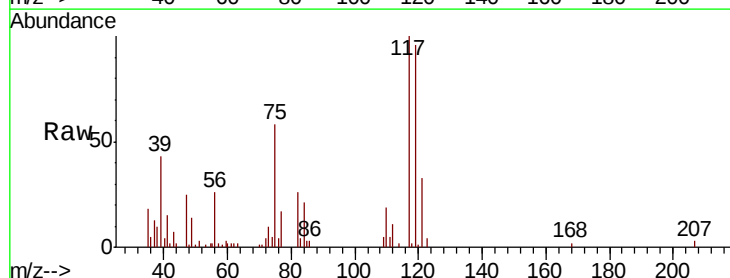


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

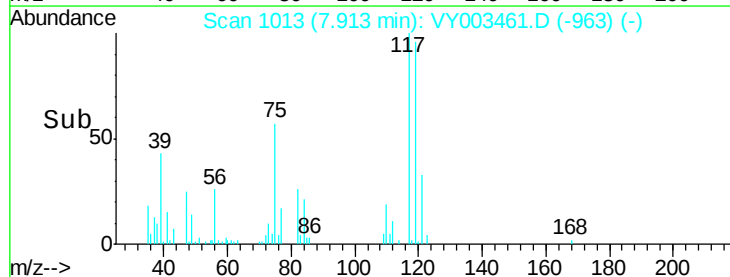
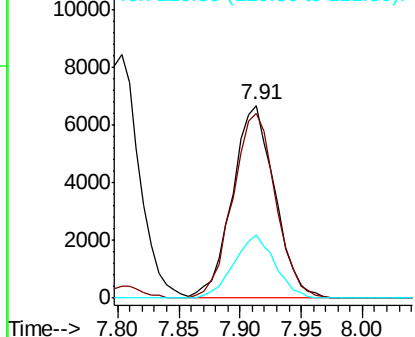


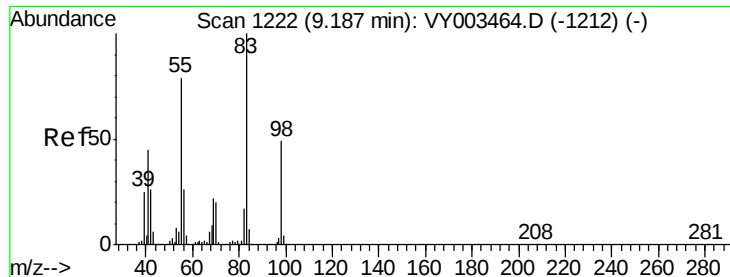
#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion: 117 Resp: 16077
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.4
121 32.8 24.2 36.4



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

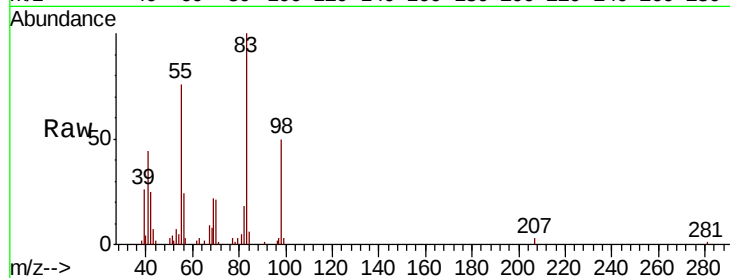




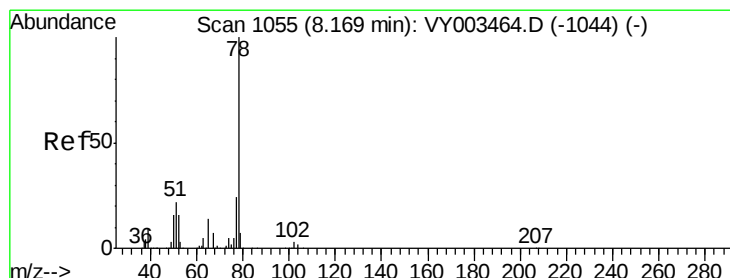
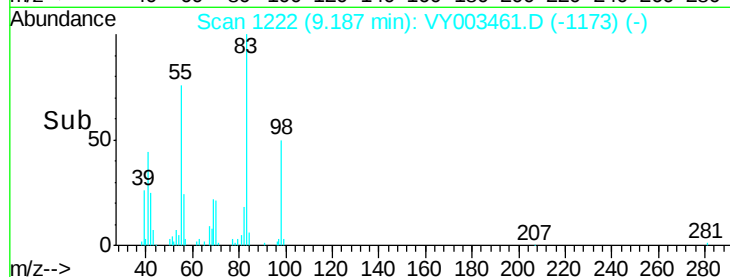
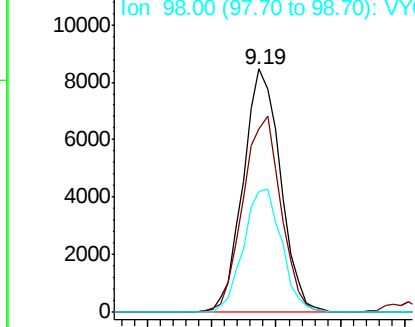
#39
Methylcyclohexane
Concen: 5.491 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 17019
Ion Ratio Lower Upper
83 100
55 75.5 63.5 95.3
98 49.7 39.4 59.2

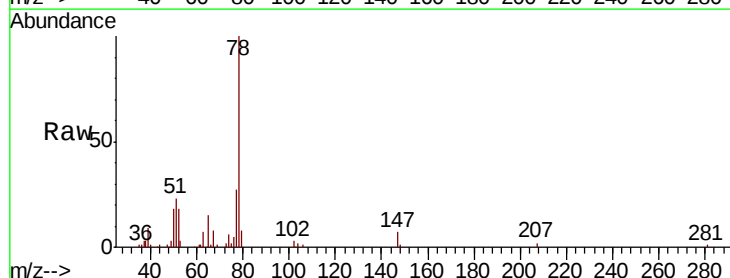


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

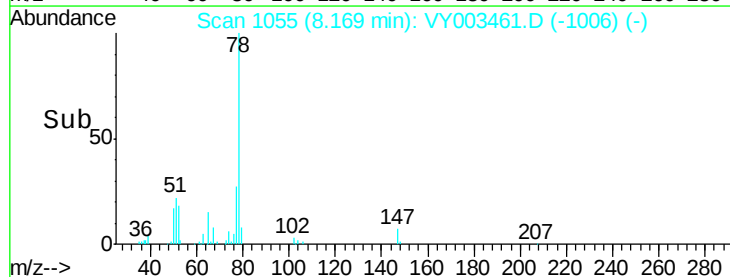
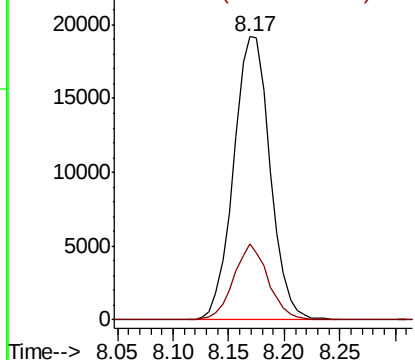


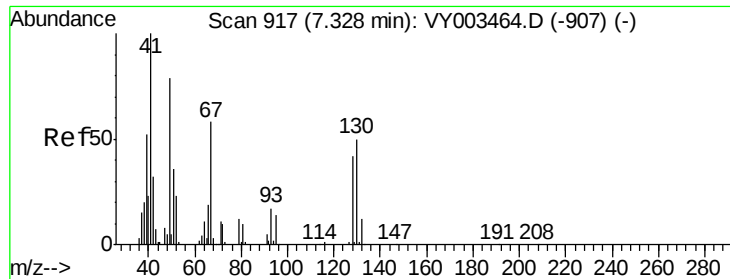
#40
Benzene
Concen: 5.488 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion: 78 Resp: 43589
Ion Ratio Lower Upper
78 100
77 26.8 19.4 29.0



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

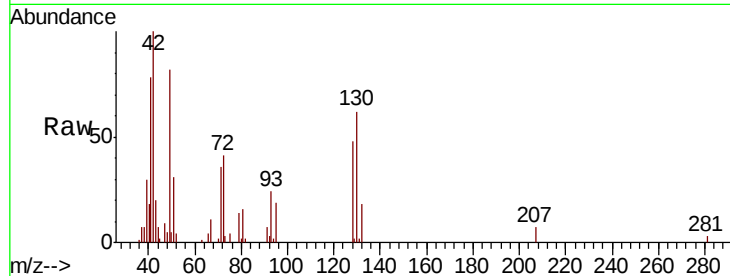




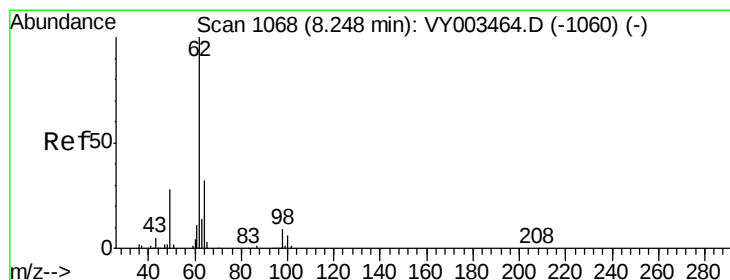
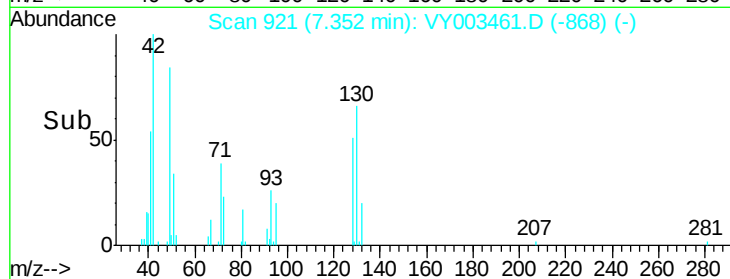
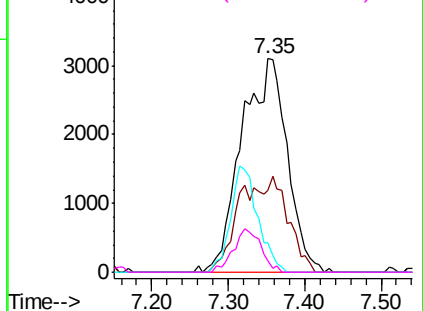
#41
Methacrylonitrile
Concen: 15.213 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	12860
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

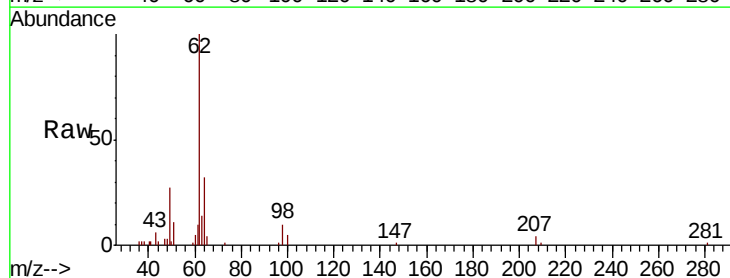


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

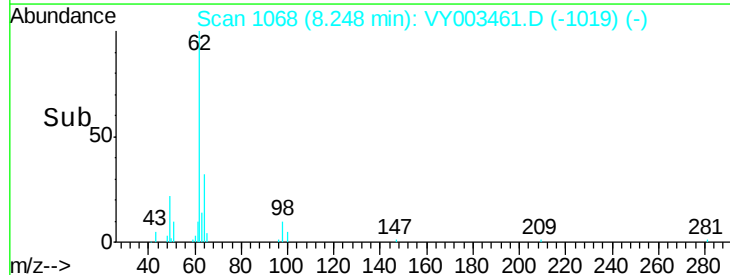
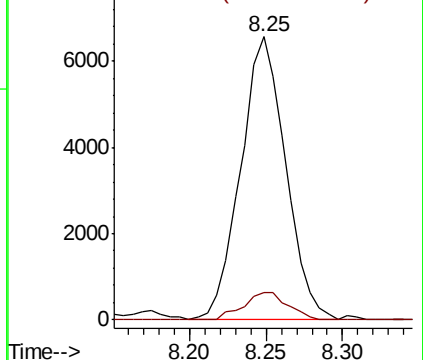


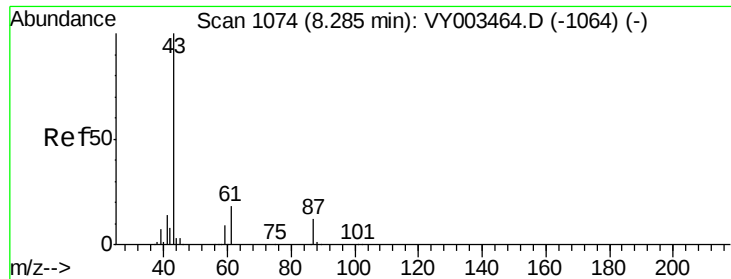
#42
1,2-Dichloroethane
Concen: 5.320 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion:	62	Resp:	13410
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 5.669 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

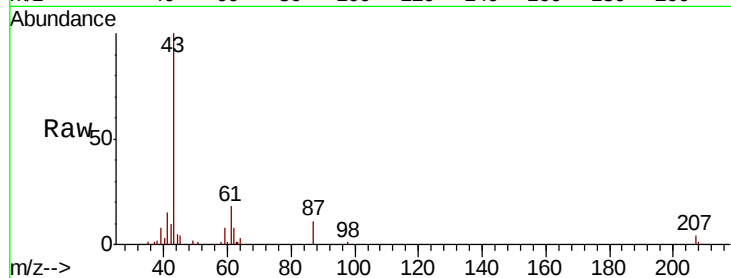
Tot Ion: 43 Resp: 17557

Ion Ratio Lower Upper

43 100

61 28.4 21.9 32.9

87 12.4 10.0 15.0

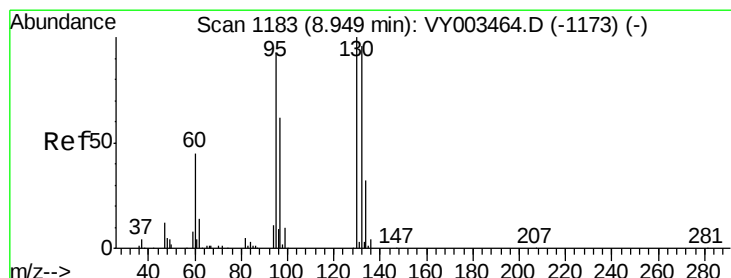
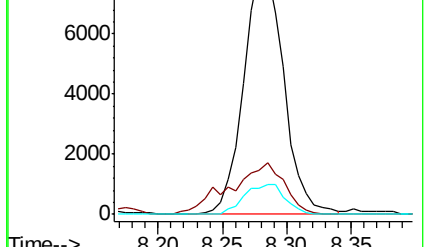
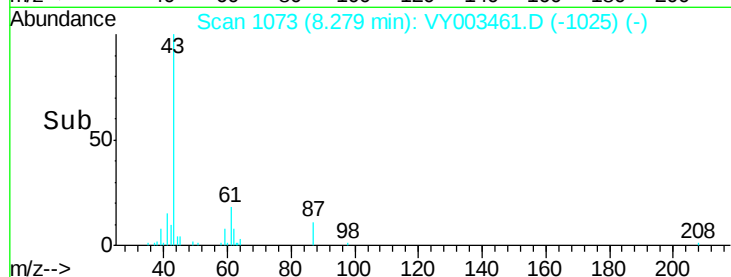


Abundance Ion 43.00 (42.70 to 43.70): VY003461.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003461.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003461.D (-1064) (-)

Time-->



#44

Trichloroethene

Concen: 5.159 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY003461.D

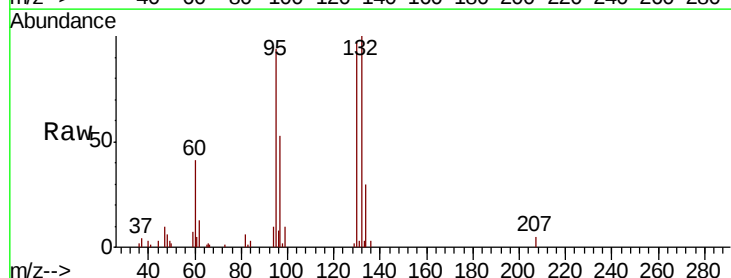
Acq: 02 Nov 2020 10:11

Tgt Ion: 130 Resp: 11991

Ion Ratio Lower Upper

130 100

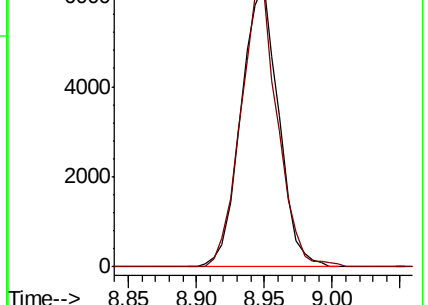
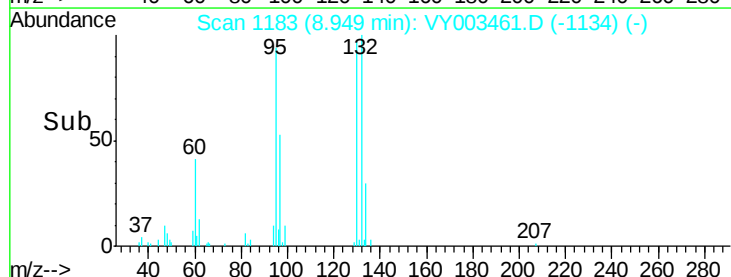
95 96.9 0.0 186.6

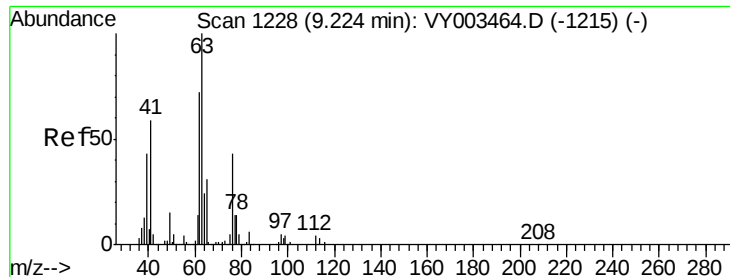


Abundance Ion 129.80 (129.50 to 130.50): VY003461.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY003461.D (-1173) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 5.514 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

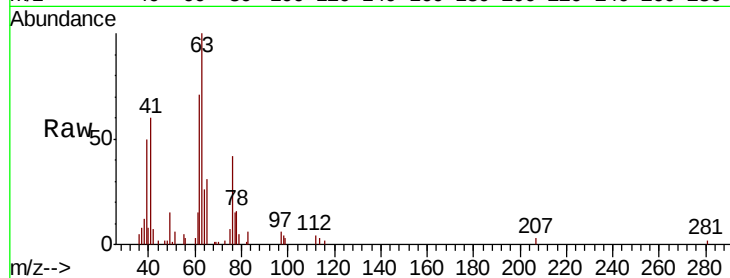
ClientSampleId :

Tot Ion: 63 Resp: 11132

Ion Ratio Lower Upper

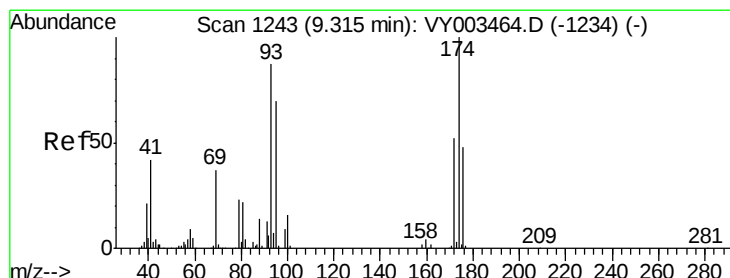
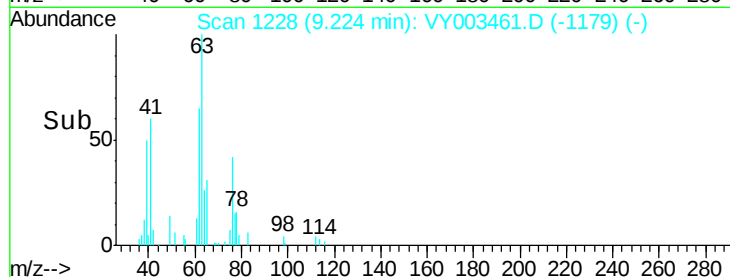
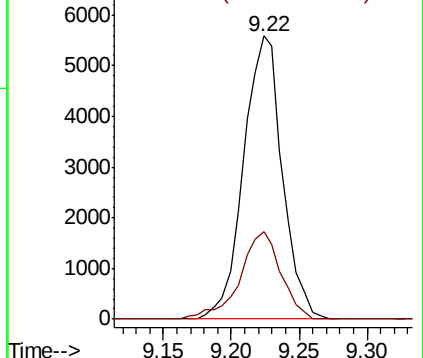
63 100

65 31.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 5.233 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

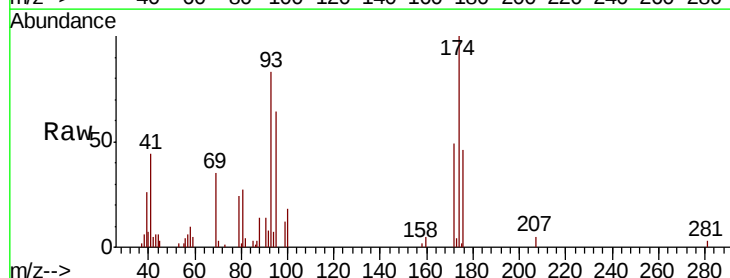
Tgt Ion: 93 Resp: 5962

Ion Ratio Lower Upper

93 100

95 85.7 65.0 97.6

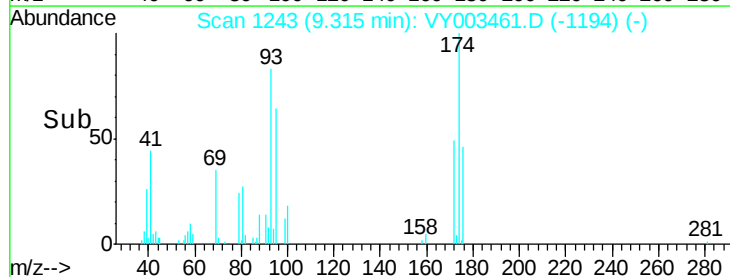
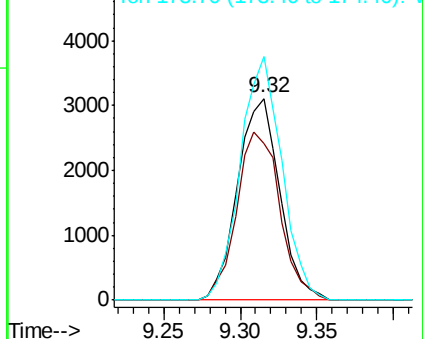
174 118.6 91.8 137.6

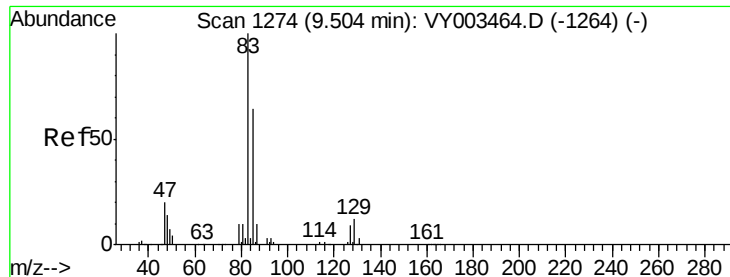


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.247 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :
MSVOA_Y
ClientSampled :

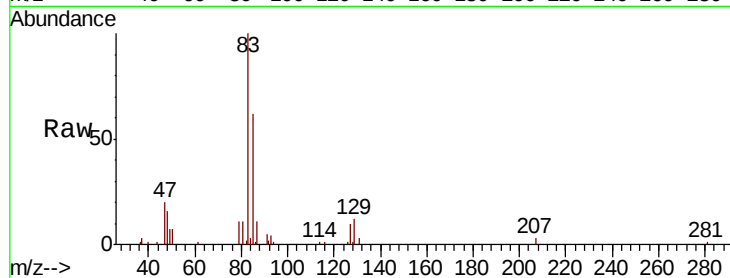
Tot Ion: 83 Resp: 14670

Ion Ratio Lower Upper

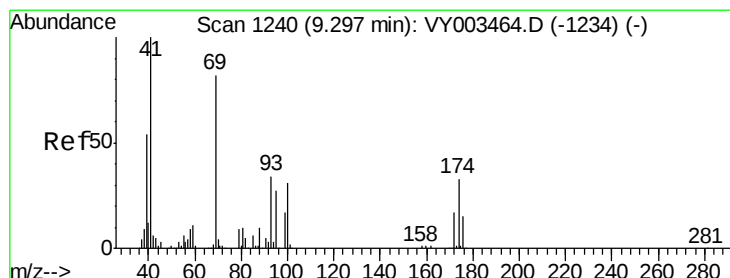
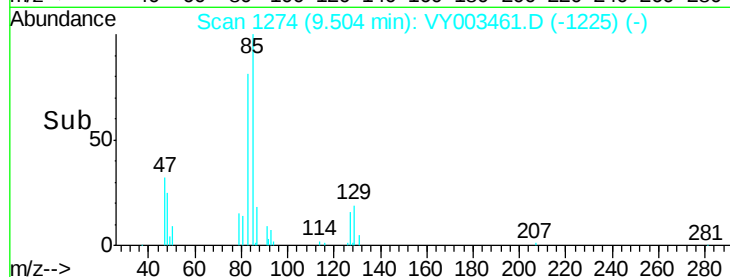
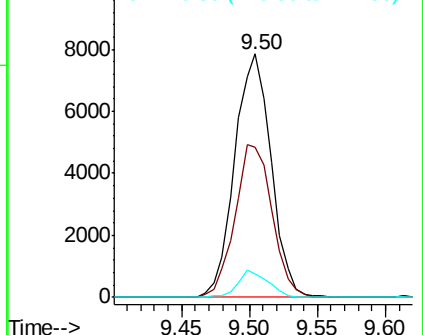
83 100

85 61.7 51.0 76.6

127 9.9 7.1 10.7



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



#48

Methyl methacrylate

Concen: 5.175 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

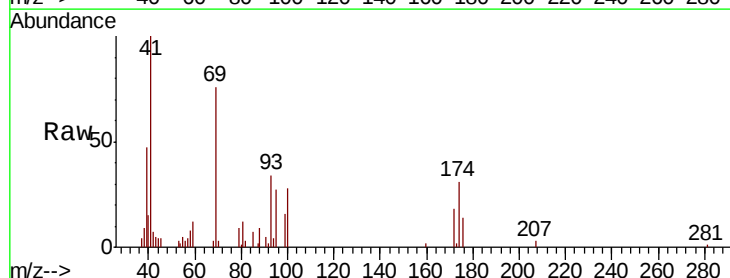
Tgt Ion: 41 Resp: 7586

Ion Ratio Lower Upper

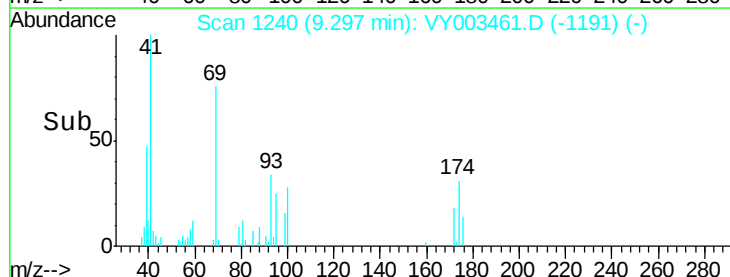
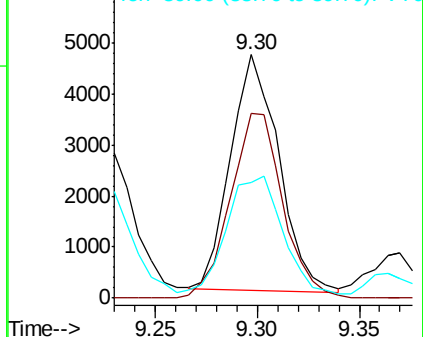
41 100

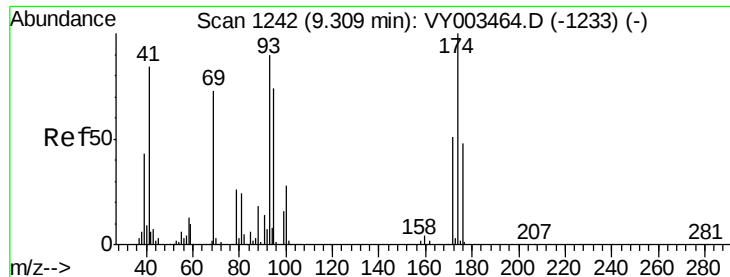
69 85.0 65.9 98.9

39 62.9 43.2 64.8



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





#49

1,4-Dioxane

Concen: 101.897 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

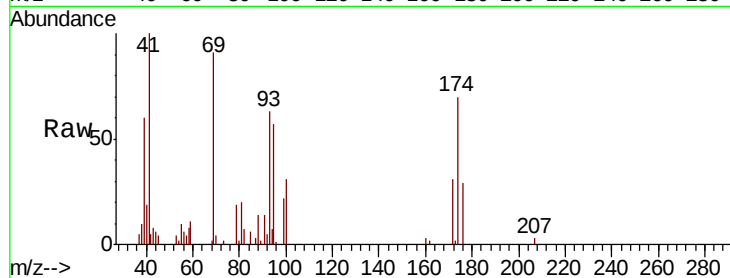
Tot Ion: 88 Resp: 1383

Ion Ratio Lower Upper

88 100

43 49.2 27.6 41.4#

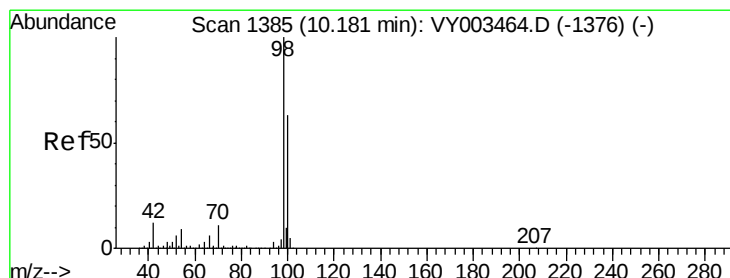
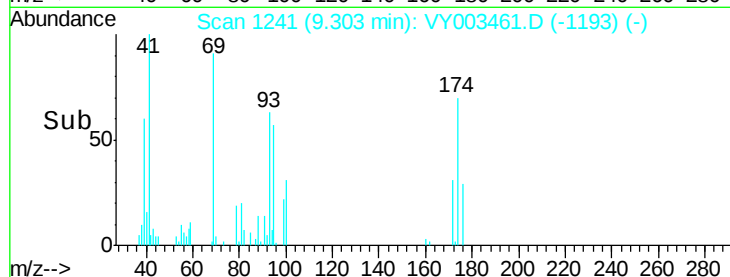
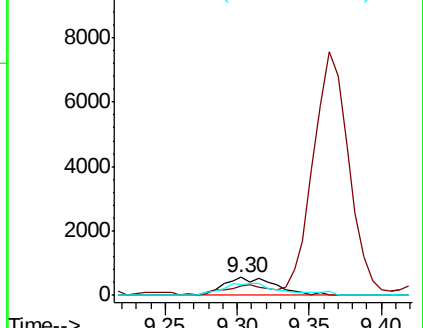
58 70.6 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 5.047 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003461.D

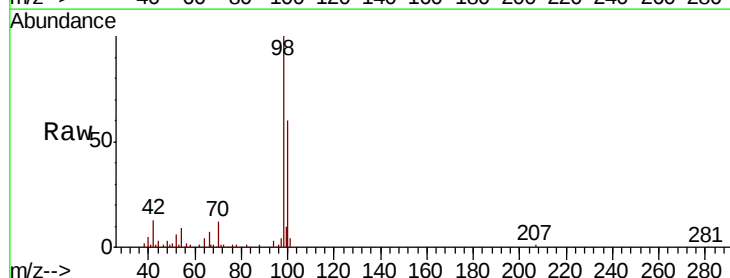
Acq: 02 Nov 2020 10:11

Tgt Ion: 98 Resp: 37718

Ion Ratio Lower Upper

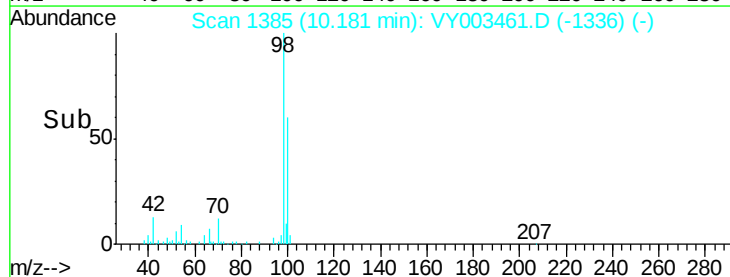
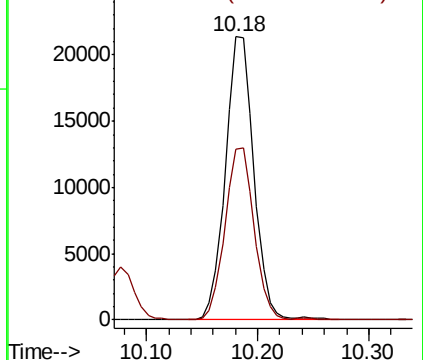
98 100

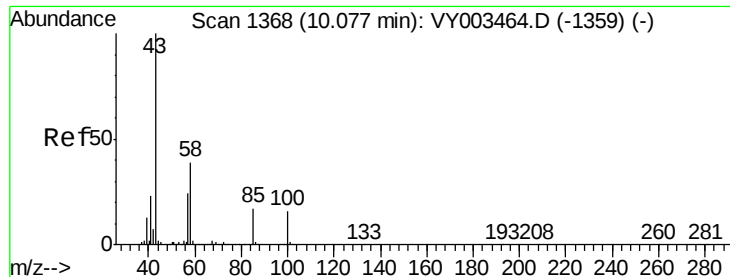
100 62.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

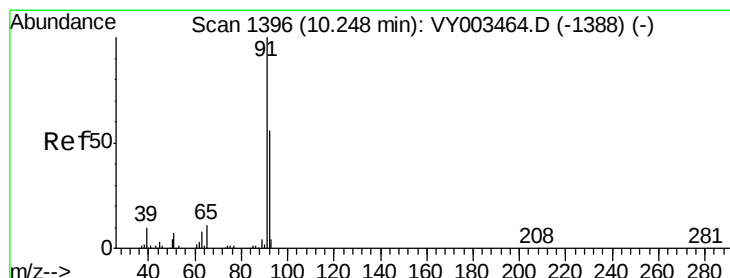
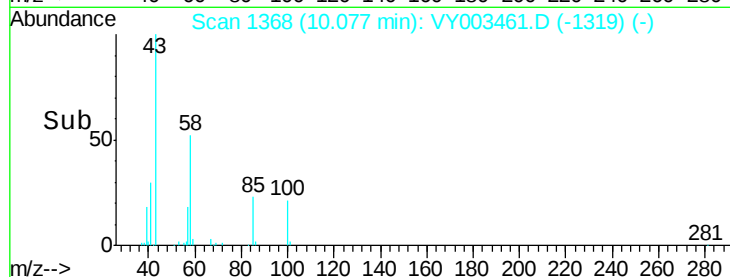
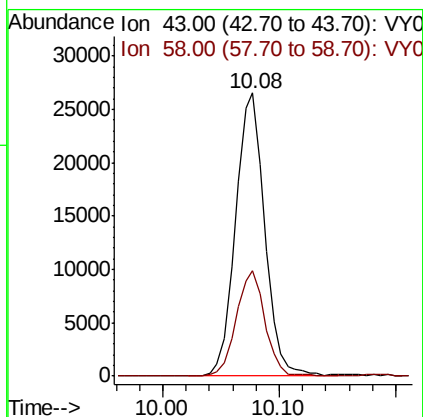
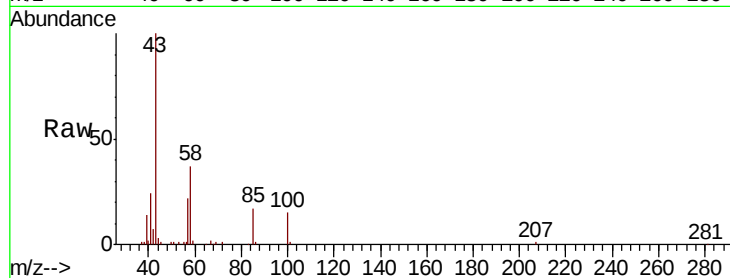




#51
4-Methyl-2-Pentanone
Concen: 28.122 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

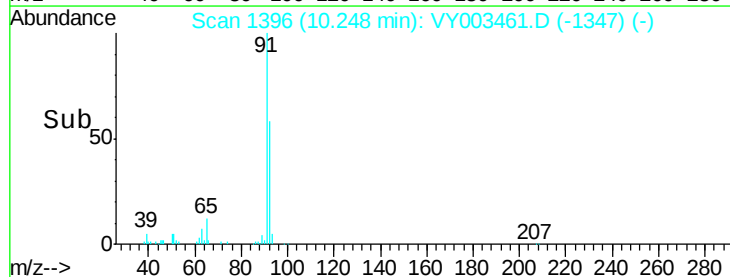
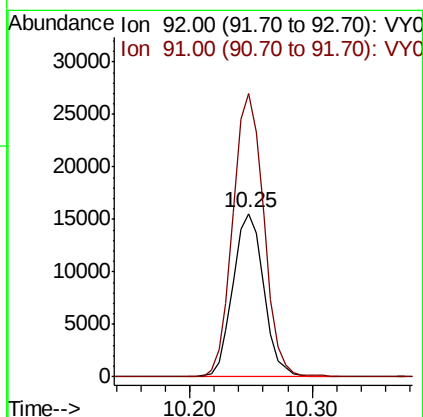
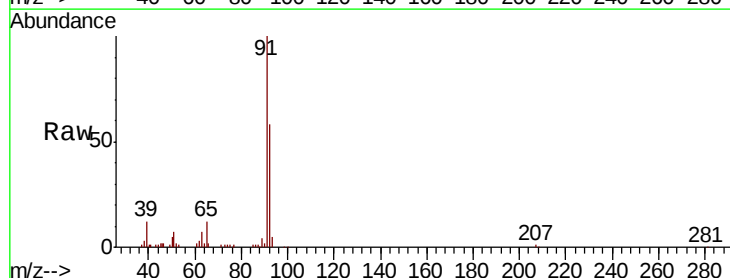
Instrument :
MSVOA_Y
ClientSampleId :

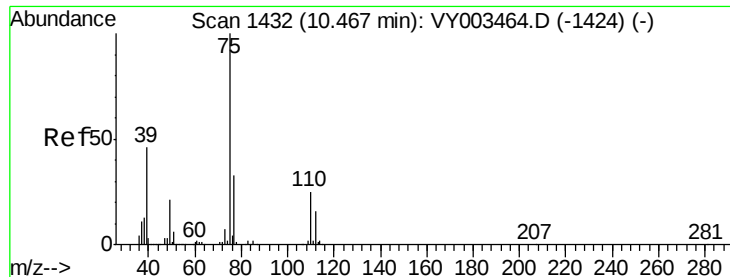
Tot Ion: 43 Resp: 46352
Ion Ratio Lower Upper
43 100
58 36.3 31.0 46.4



#52
Toluene
Concen: 5.336 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion: 92 Resp: 27191
Ion Ratio Lower Upper
92 100
91 173.5 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 5.101 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

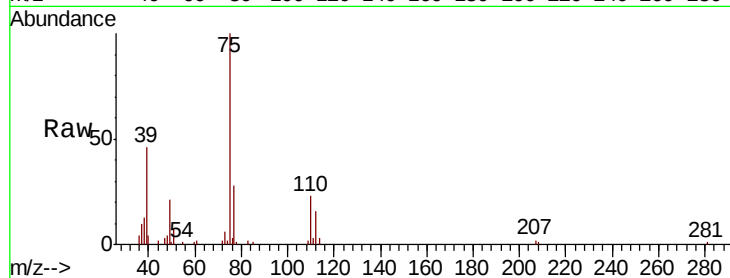
ClientSampled :

Tot Ion: 75 Resp: 15164

Ion Ratio Lower Upper

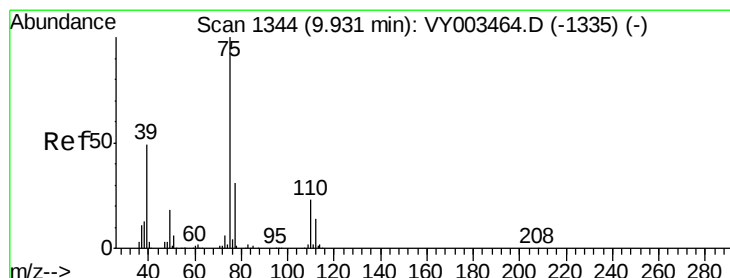
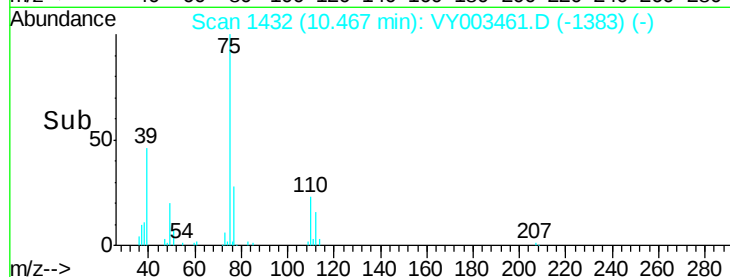
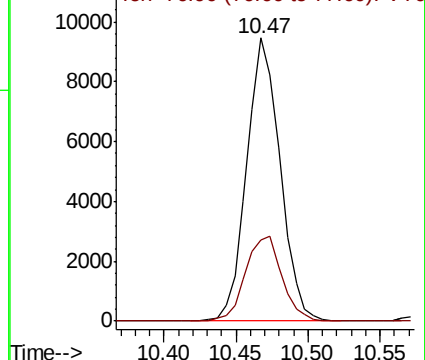
75 100

77 28.4 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 5.204 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

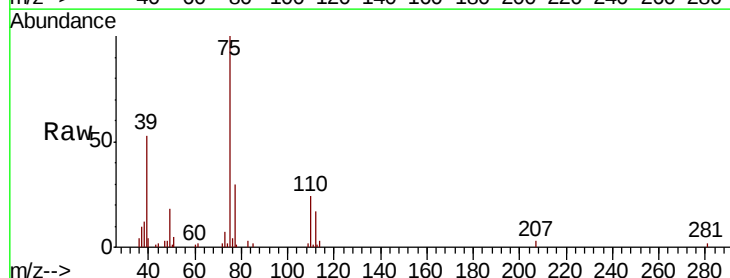
Tgt Ion: 75 Resp: 17313

Ion Ratio Lower Upper

75 100

77 30.5 24.5 36.7

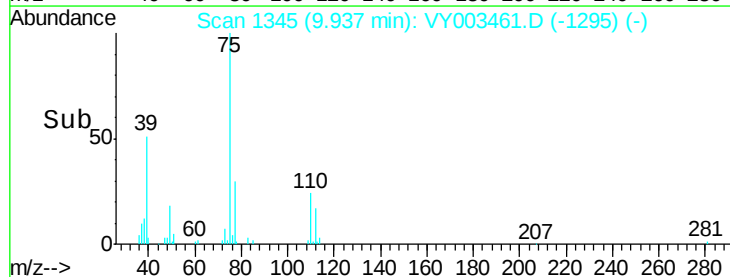
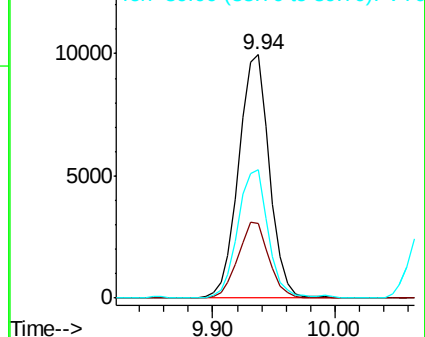
39 52.6 39.0 58.4

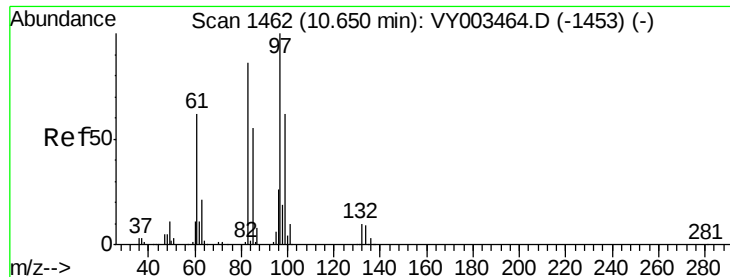


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

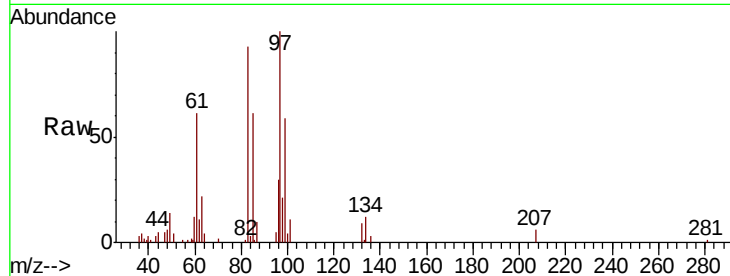




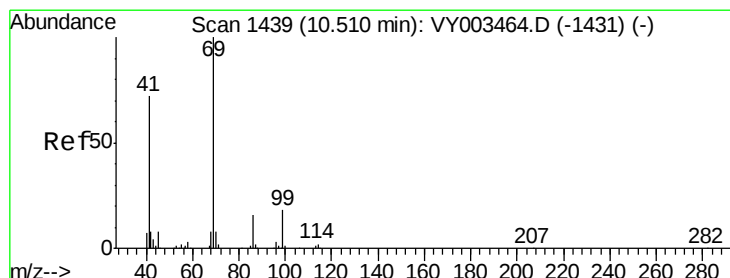
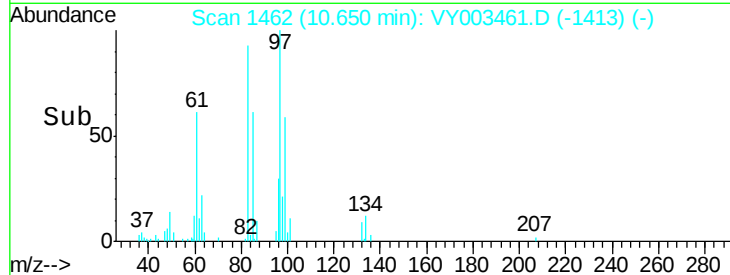
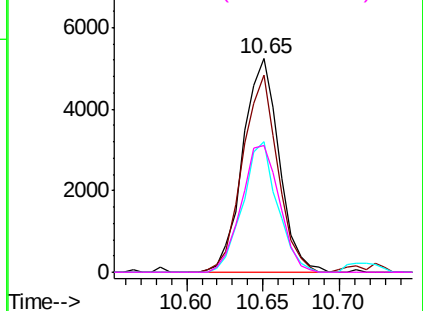
#55
 1,1,2-Trichloroethane
 Concen: 5.295 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	8604
Ion	Ratio	Lower	Upper
97	100		
83	92.6	68.6	102.8
85	61.0	43.8	65.6
99	59.3	49.9	74.9

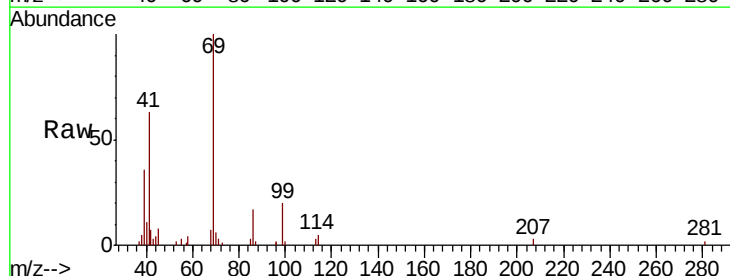


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

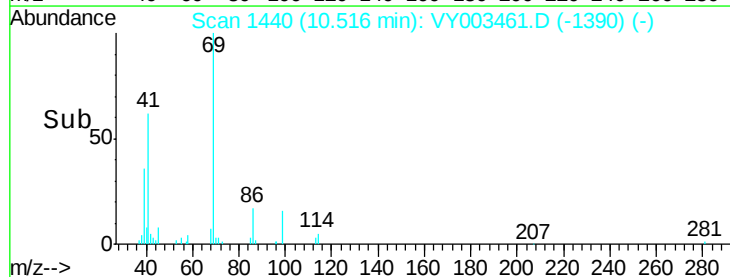
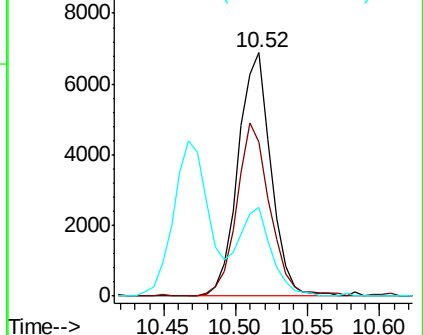


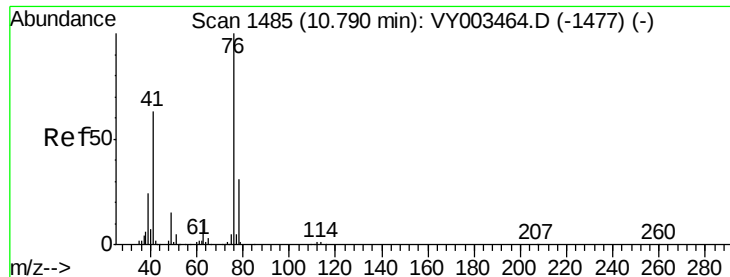
#56
 Ethyl methacrylate
 Concen: 4.980 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Tgt Ion:	69	Resp:	10868
Ion	Ratio	Lower	Upper
69	100		
41	72.0	55.4	83.2
39	36.9	28.7	43.1



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





#57

1,3-Dichloropropane

Concen: 5.250 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

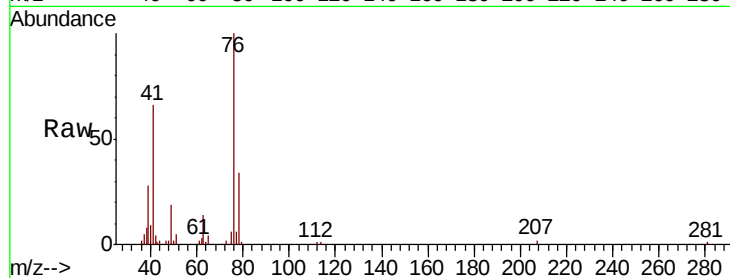
ClientSampleId :

Tot Ion: 76 Resp: 14780

Ion Ratio Lower Upper

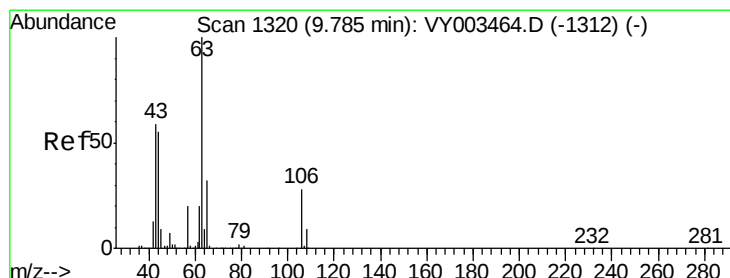
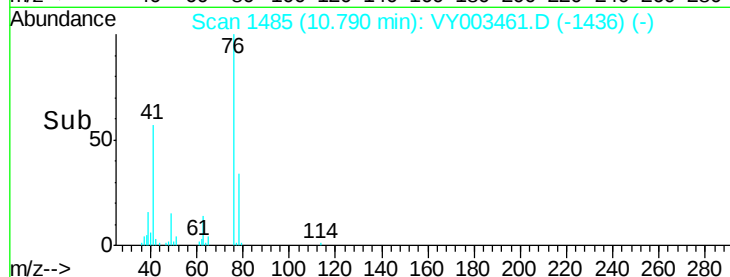
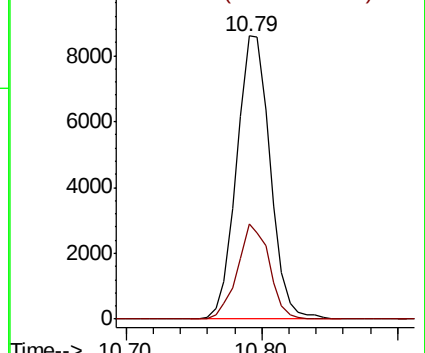
76 100

78 31.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 24.295 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VY003461.D

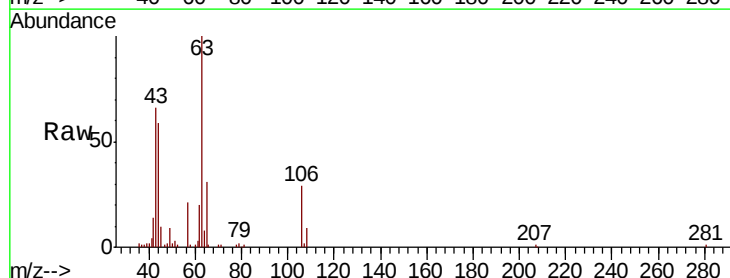
Acq: 02 Nov 2020 10:11

Tgt Ion: 63 Resp: 27575

Ion Ratio Lower Upper

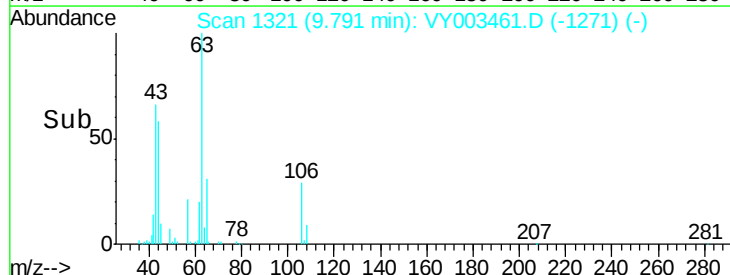
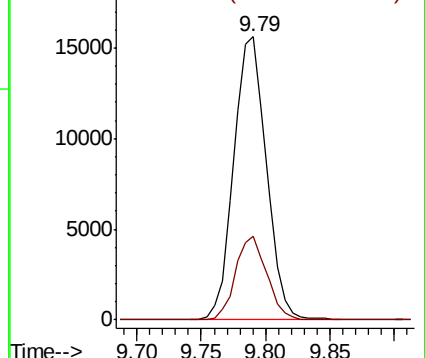
63 100

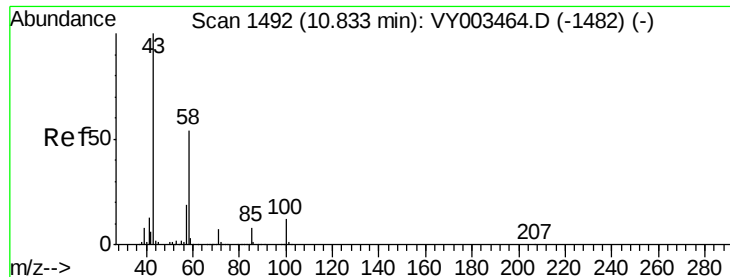
106 27.9 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

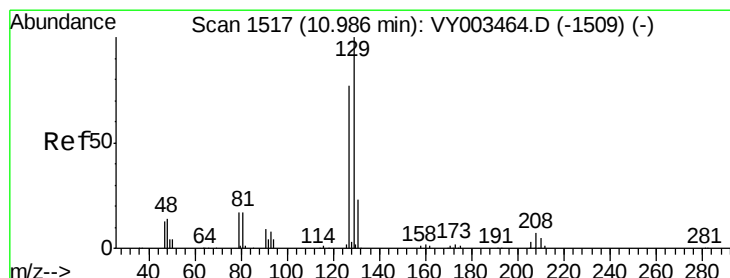
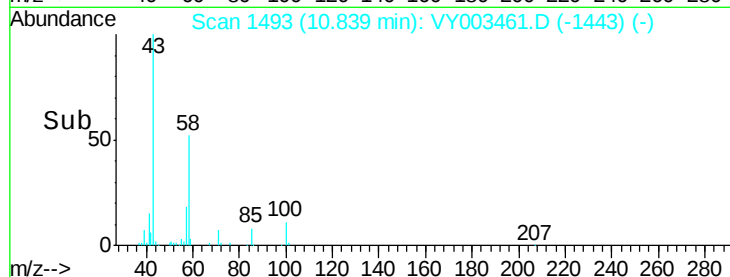
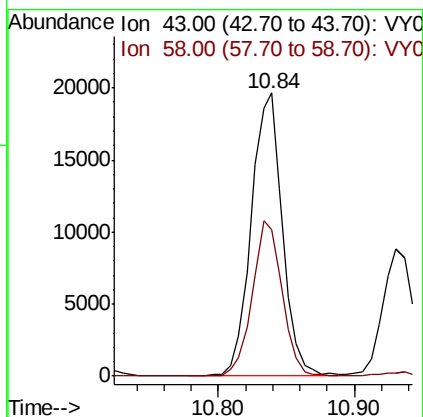
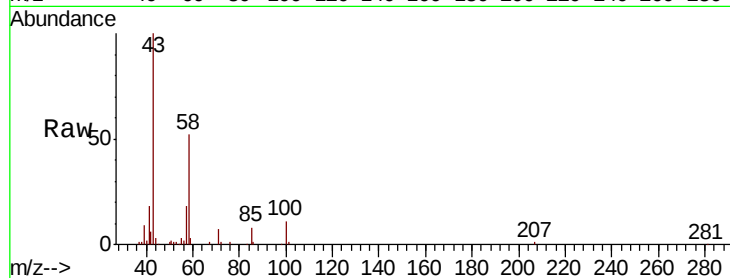




#59
2-Hexanone
Concen: 26.894 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

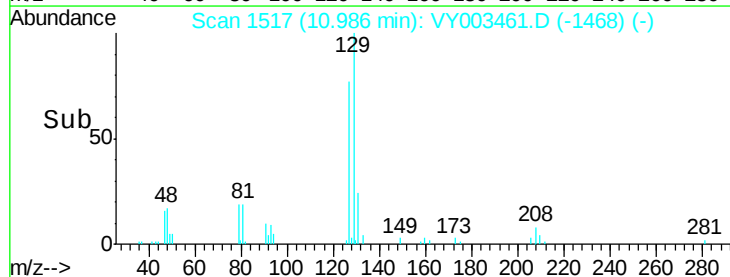
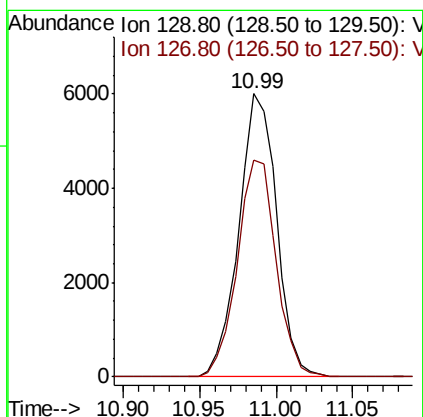
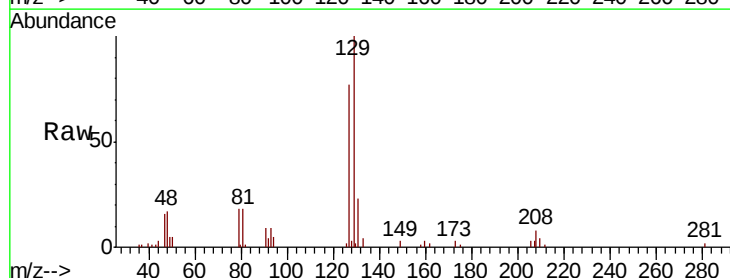
Instrument :
MSVOA_Y
ClientSampled :

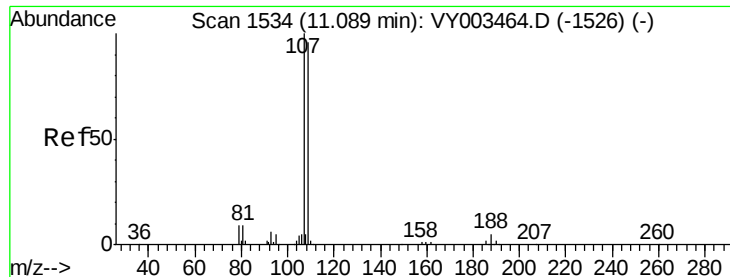
Tot Ion: 43 Resp: 31601
Ion Ratio Lower Upper
43 100
58 52.5 26.8 80.3



#60
Dibromochloromethane
Concen: 5.029 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion: 129 Resp: 10300
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.3

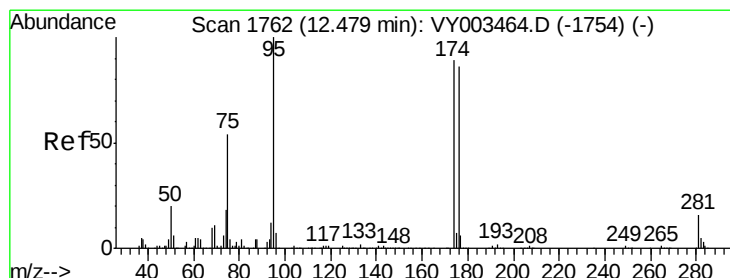
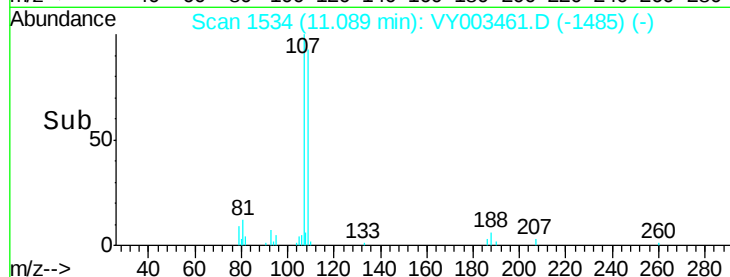
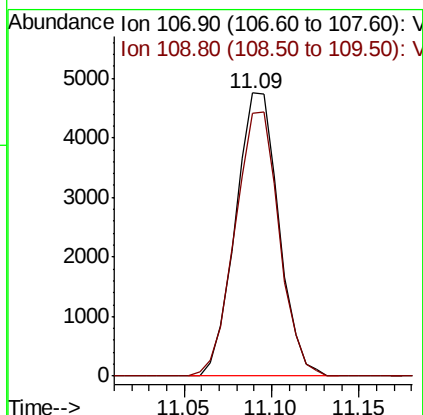
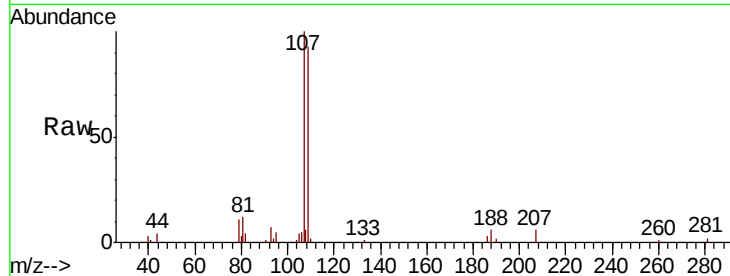




#61
 1,2-Dibromoethane
 Concen: 5.233 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

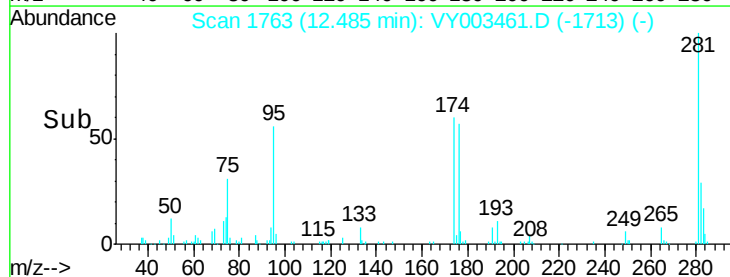
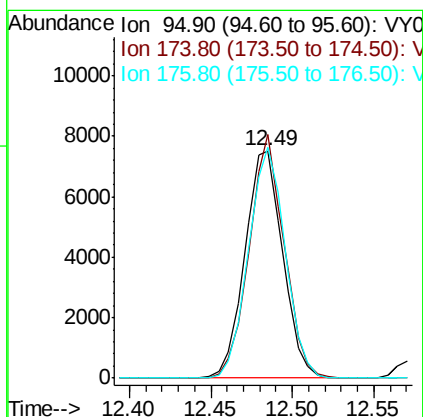
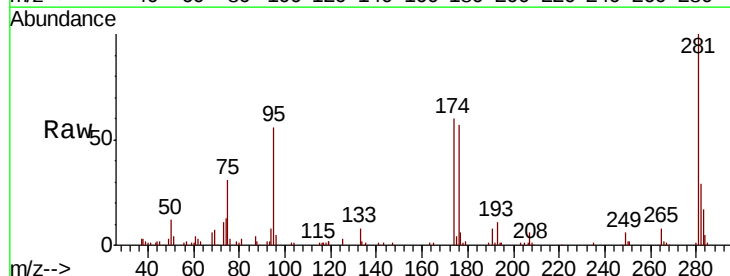
Instrument :
 MSVOA_Y
 ClientSampled :

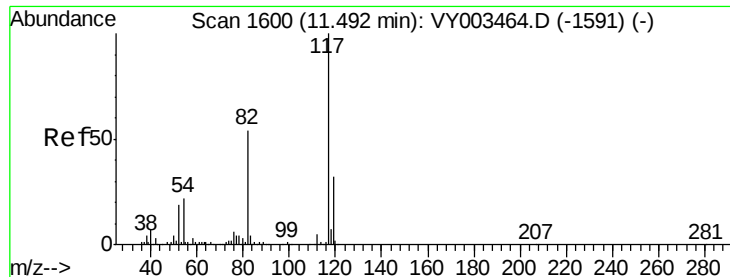
Tot Ion: 107 Resp: 8178
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 4.741 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Tgt Ion: 95 Resp: 12144
 Ion Ratio Lower Upper
 95 100
 174 98.9 0.0 193.0
 176 98.4 0.0 187.4

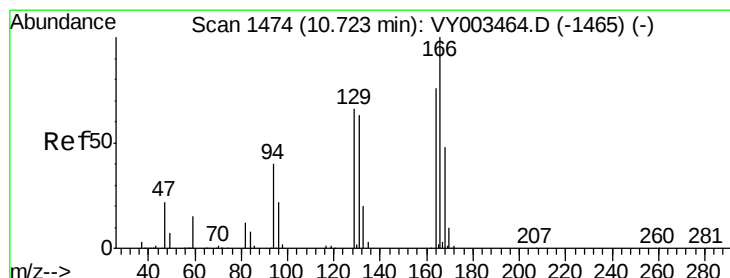
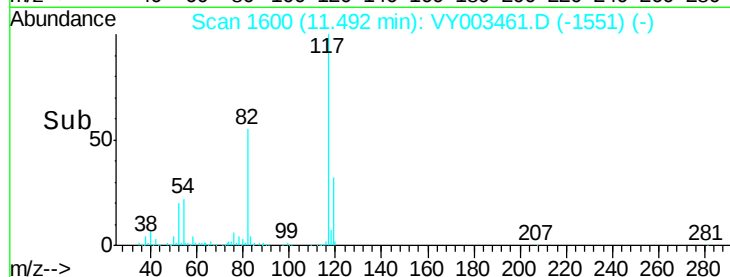
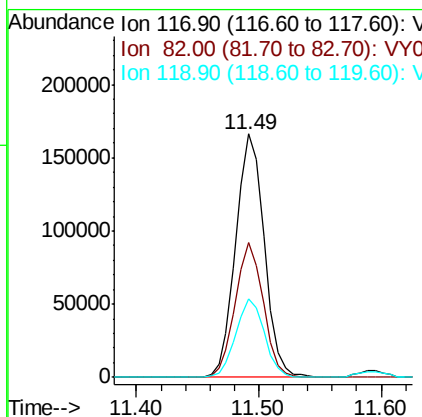
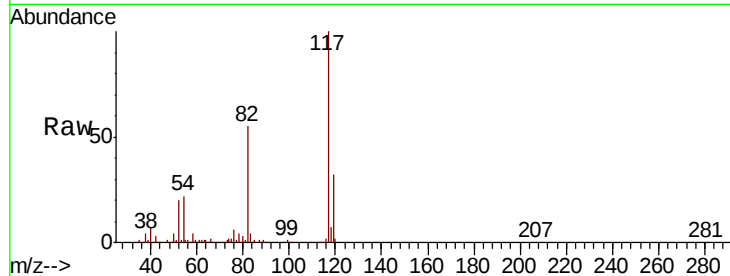




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

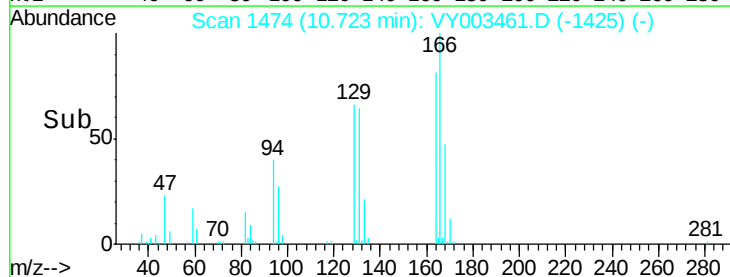
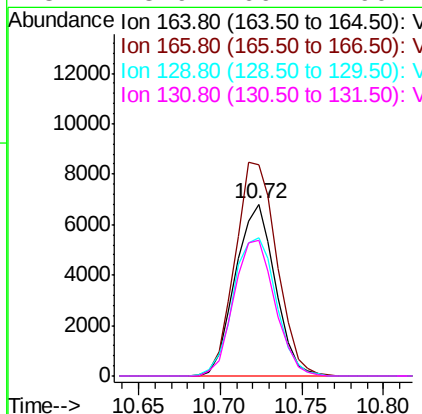
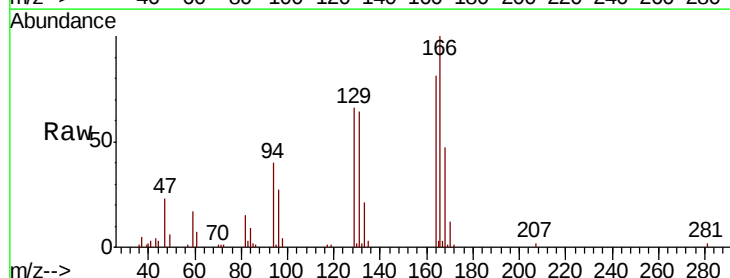
Instrument :
MSVOA_Y
ClientSampleId :

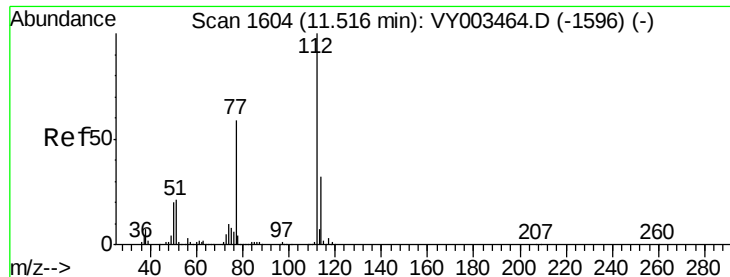
Tot Ion:117 Resp: 268705
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 4.911 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion:164 Resp: 11575
Ion Ratio Lower Upper
164 100
166 123.3 104.9 157.3
129 80.8 68.9 103.3
131 78.9 66.2 99.2

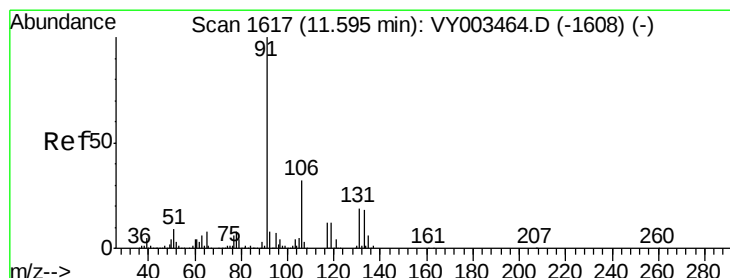
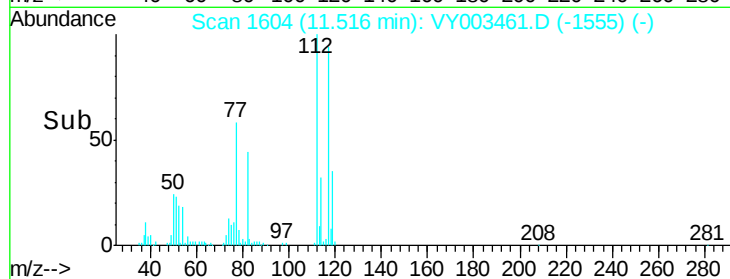
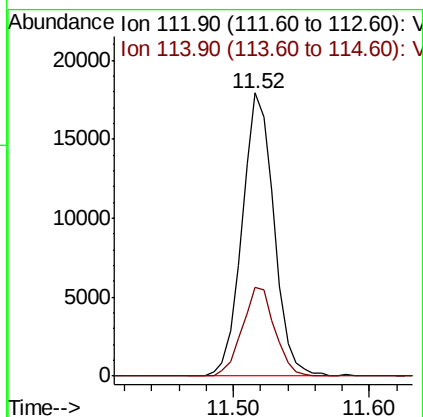
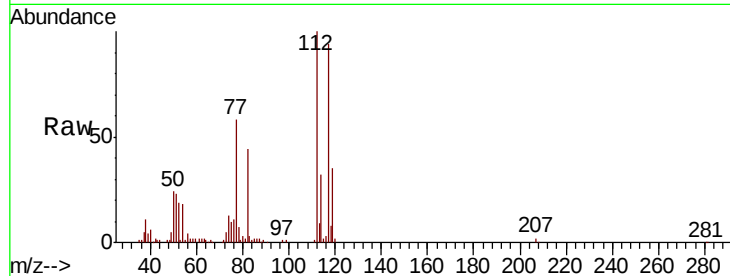




#65
Chlorobenzene
Concen: 5.470 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

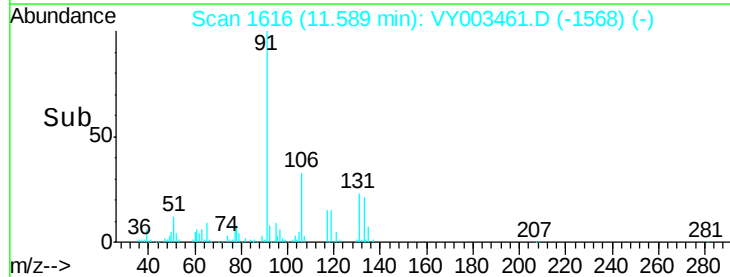
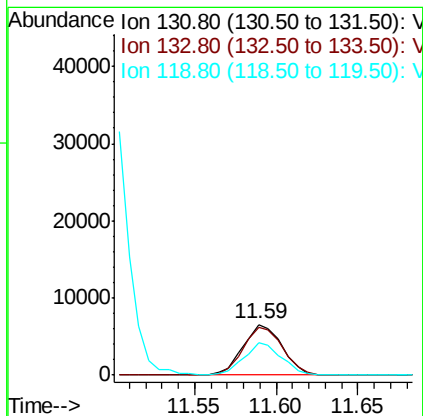
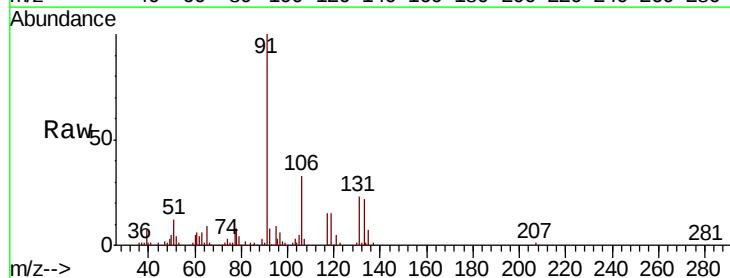
Instrument :
MSVOA_Y
ClientSampleId :

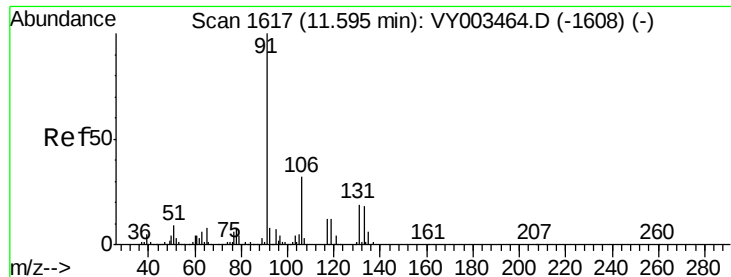
Tot Ion:112 Resp: 29290
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.414 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion:131 Resp: 10991
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 61.4 31.6 95.0





#67

Ethyl Benzene

Concen: 5.375 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

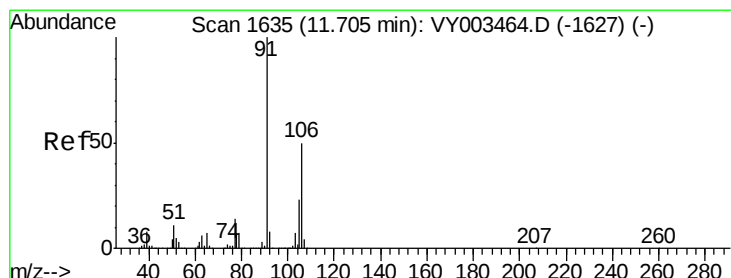
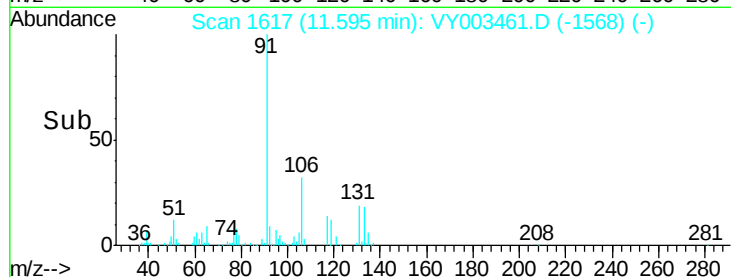
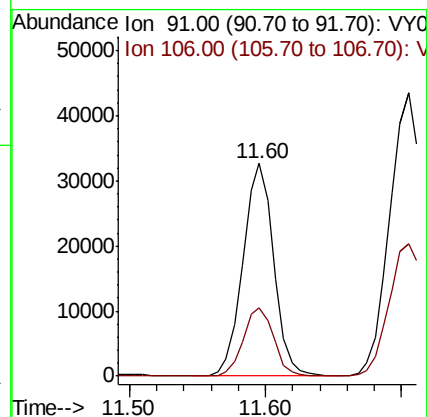
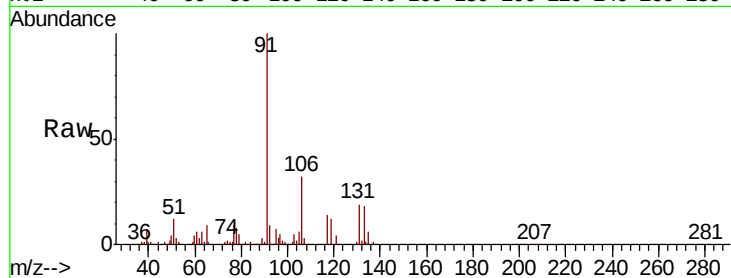
ClientSampled :

Tot Ion: 91 Resp: 51570

Ion Ratio Lower Upper

91 100

106 32.3 25.4 38.0



#68

m/p-Xylenes

Concen: 10.388 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY003461.D

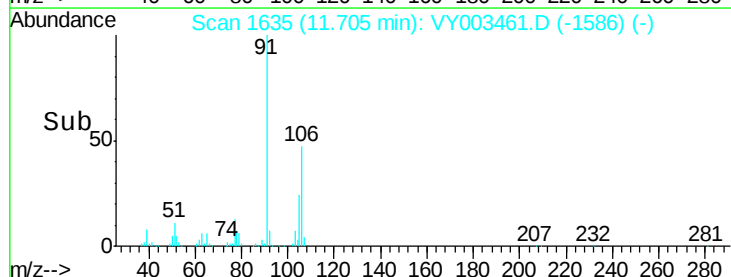
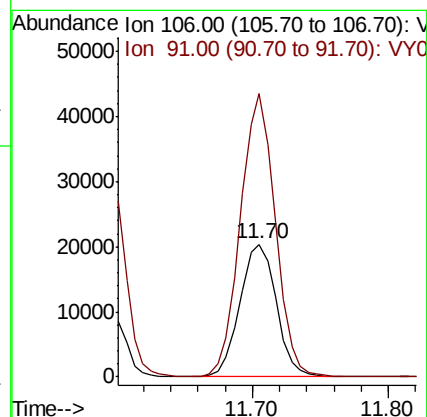
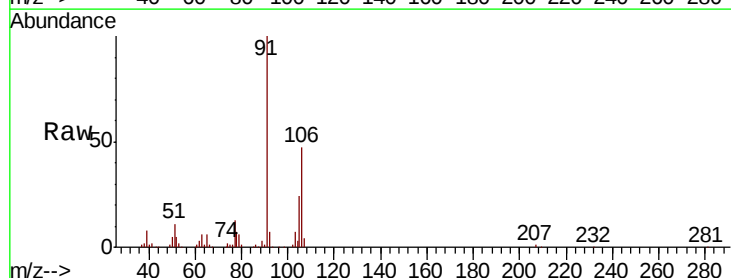
Acq: 02 Nov 2020 10:11

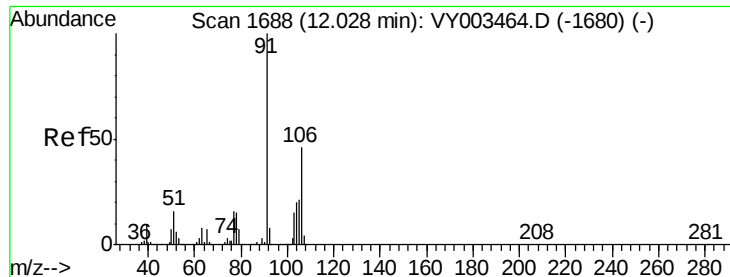
Tgt Ion: 106 Resp: 38017

Ion Ratio Lower Upper

106 100

91 205.3 161.0 241.6

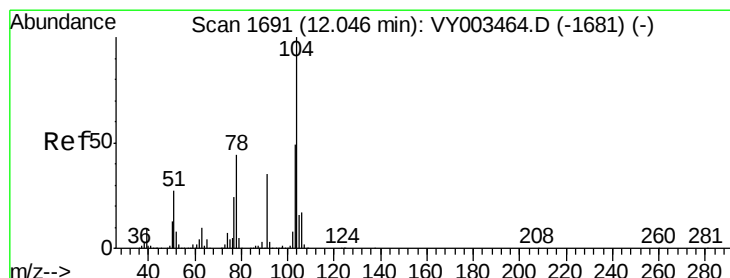
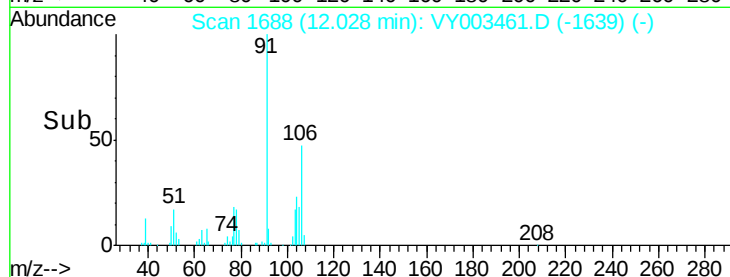
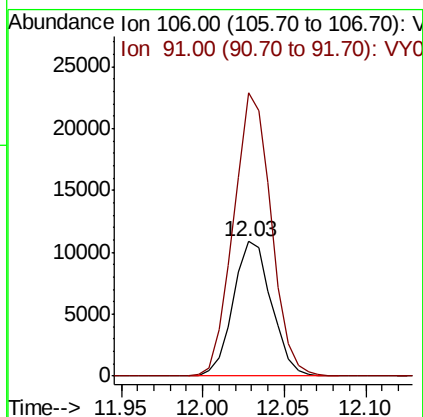
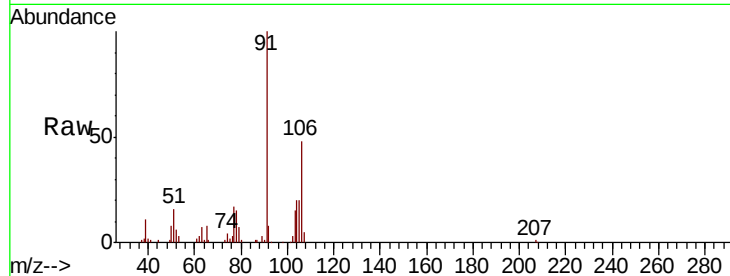




#69
o-Xylene
Concen: 5.173 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

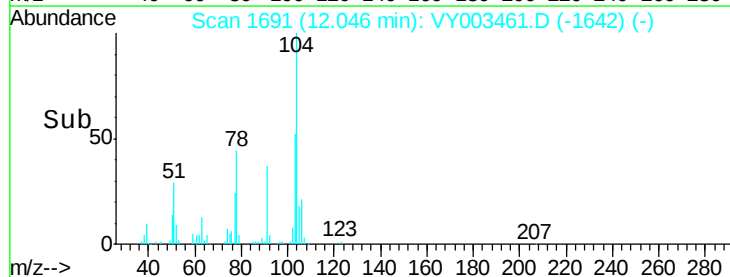
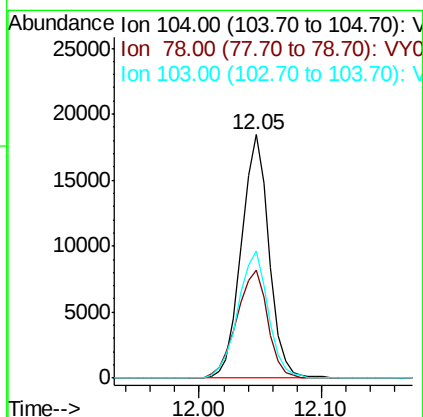
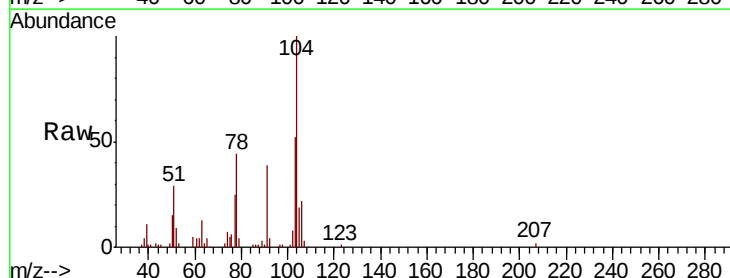
Instrument :
MSVOA_Y
ClientSampled :

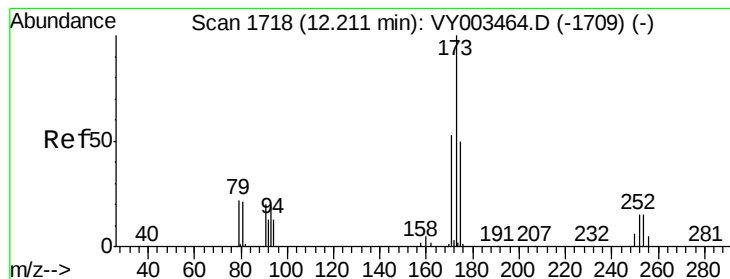
Tot Ion:106 Resp: 17733
Ion Ratio Lower Upper
106 100
91 207.4 105.5 316.5



#70
Styrene
Concen: 4.963 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion:104 Resp: 28890
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 57.2 44.2 66.2





#71

Bromoform

Concen: 5.160 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

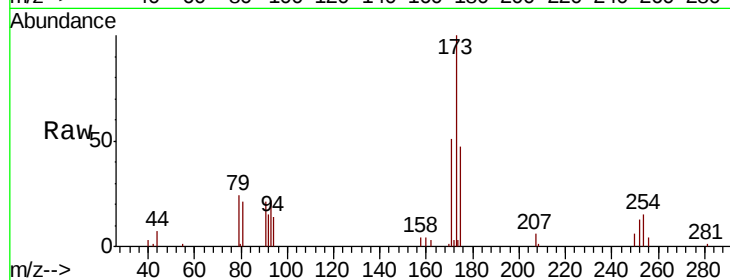
Tot Ion:173 Resp: 6991

Ion Ratio Lower Upper

173 100

175 48.8 24.7 74.1

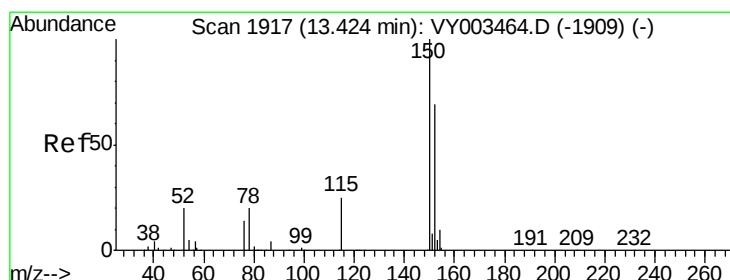
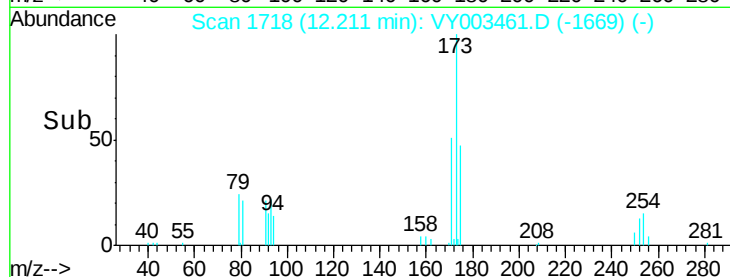
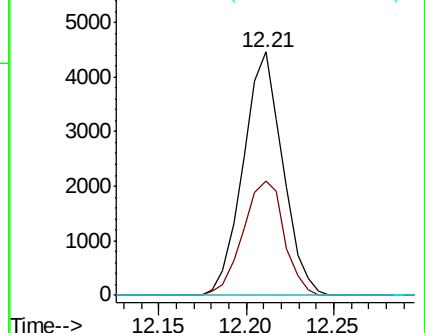
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

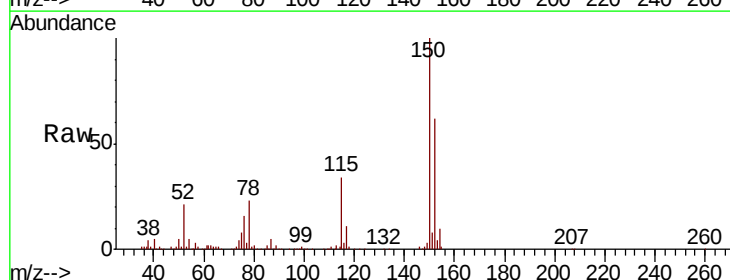
Tgt Ion:152 Resp: 135490

Ion Ratio Lower Upper

152 100

115 54.4 27.5 82.4

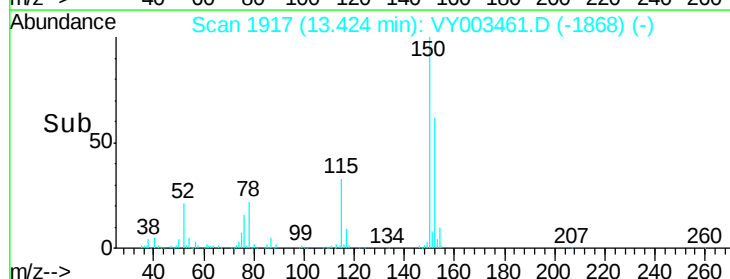
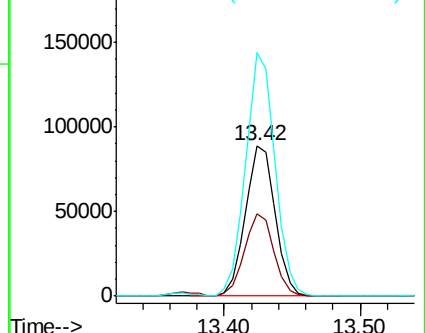
150 161.2 0.0 345.8

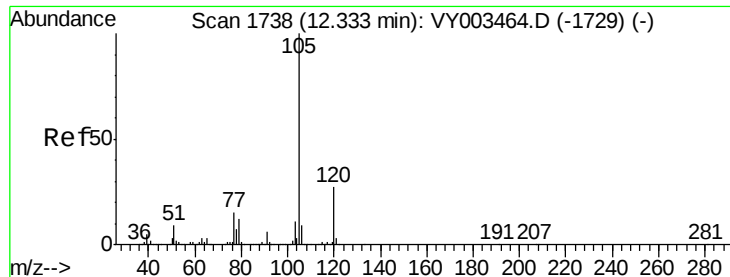


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.651 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

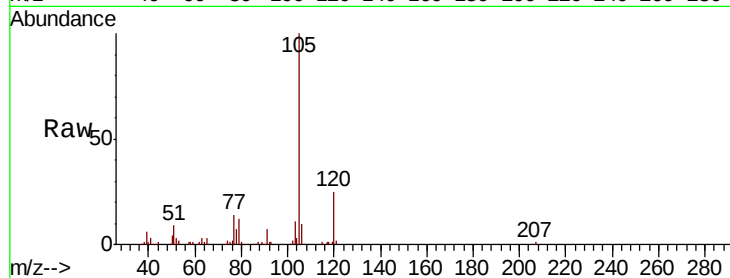
ClientSampleId :

Tot Ion: 105 Resp: 48326

Ion Ratio Lower Upper

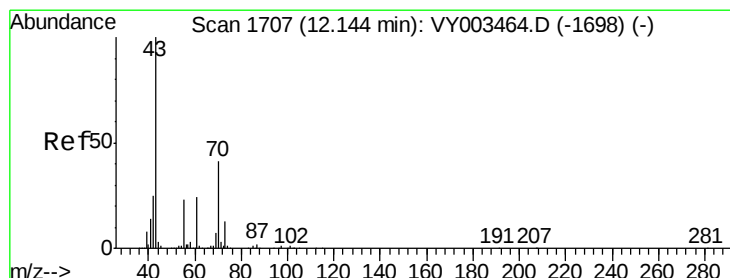
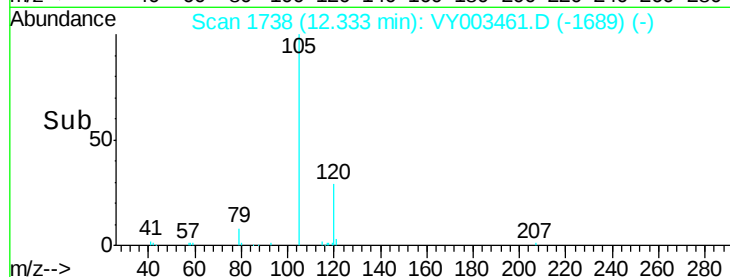
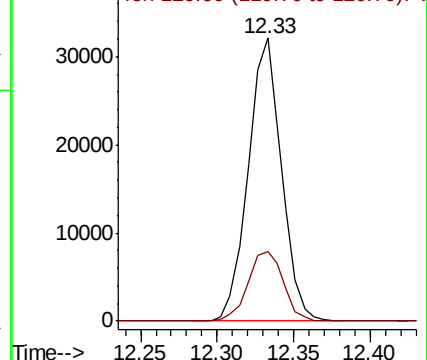
105 100

120 26.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.657 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Tgt Ion: 43 Resp: 13851

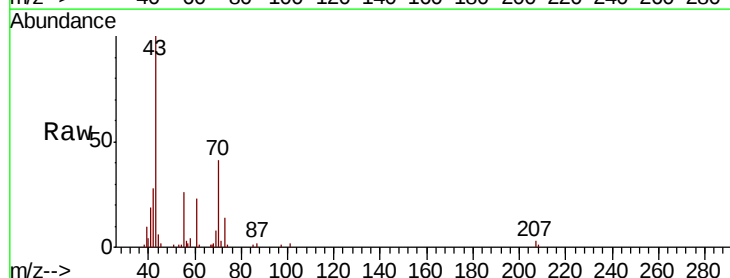
Ion Ratio Lower Upper

43 100

70 38.9 33.1 49.7

55 25.4 19.2 28.8

61 21.9 19.0 28.6

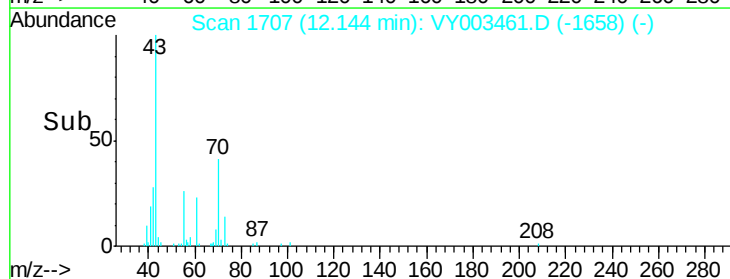
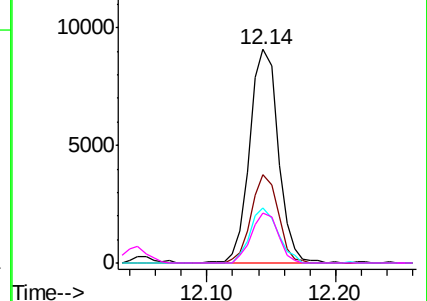


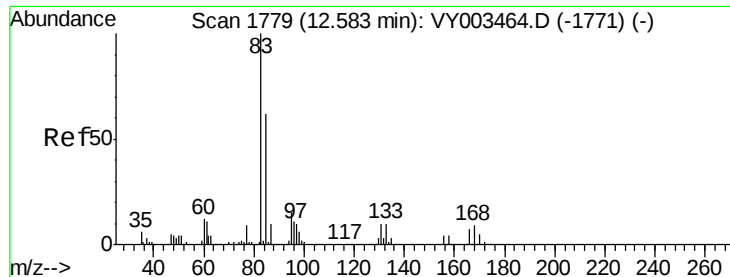
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 6.210 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

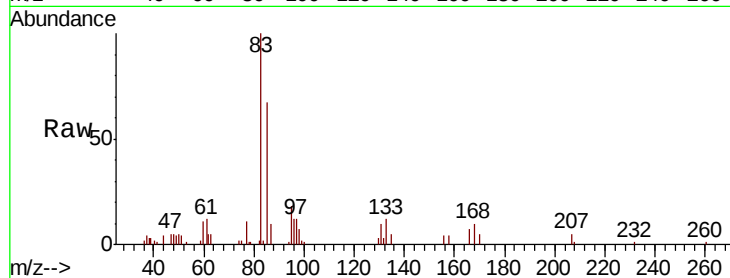
Tot Ion: 83 Resp: 10416

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 64.7 32.0 96.2

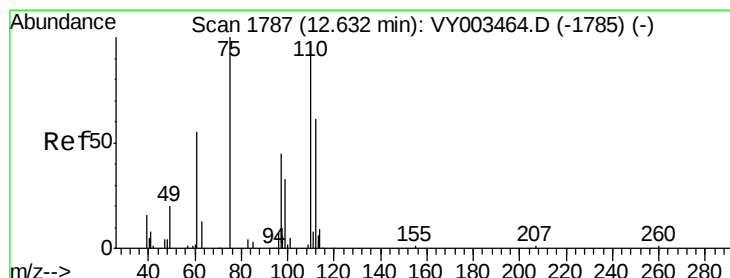
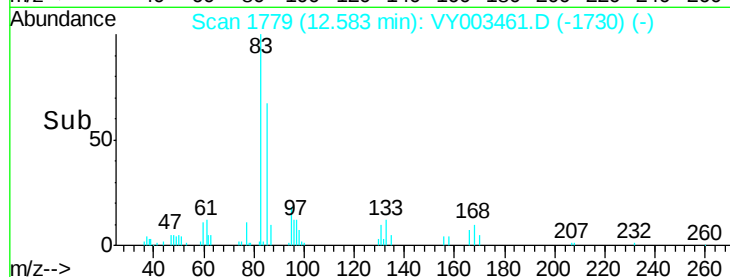


Abundance Ion 82.90 (82.60 to 83.60): VY003461.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003461.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003461.D (-1730) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 11.461 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY003461.D

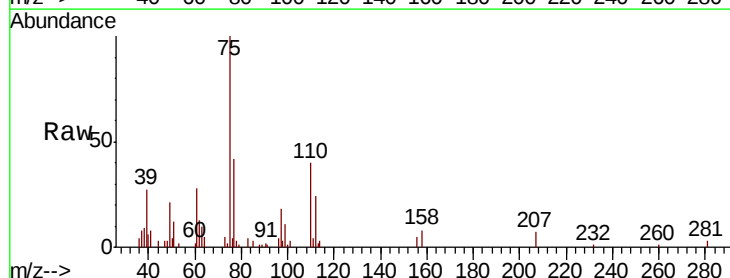
Acq: 02 Nov 2020 10:11

Tgt Ion: 75 Resp: 13915

Ion Ratio Lower Upper

75 100

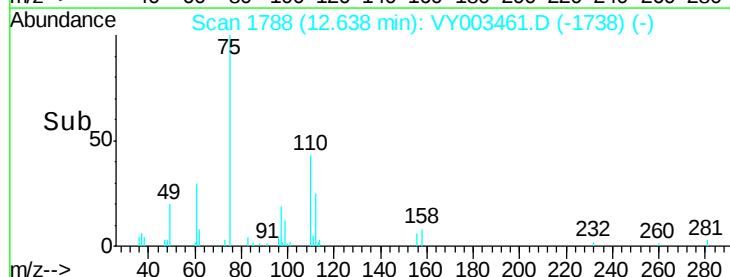
77 0.0 0.0 0.0

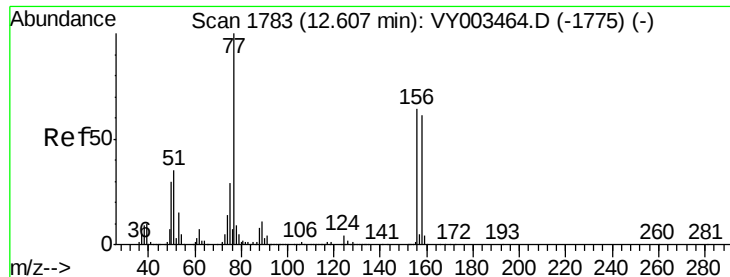


Abundance Ion 74.90 (74.60 to 75.60): VY003461.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003461.D (-1738) (-)

Time-->





#77

Bromobenzene

Concen: 5.538 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

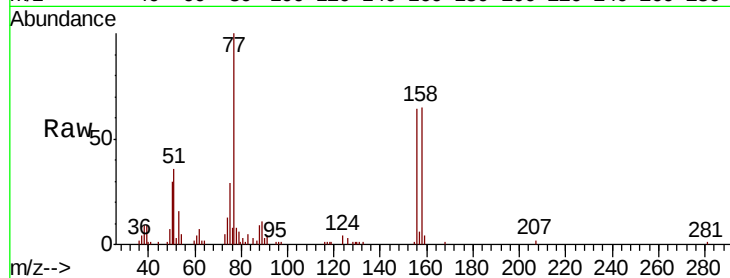
Tot Ion:156 Resp: 12531

Ion Ratio Lower Upper

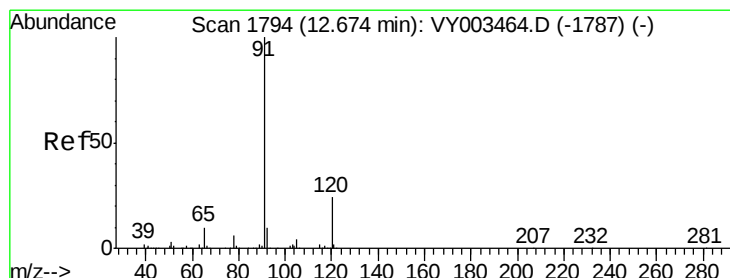
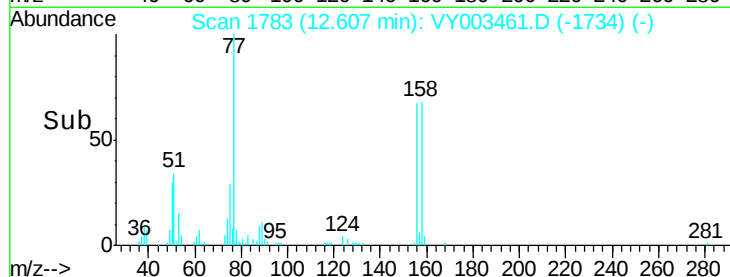
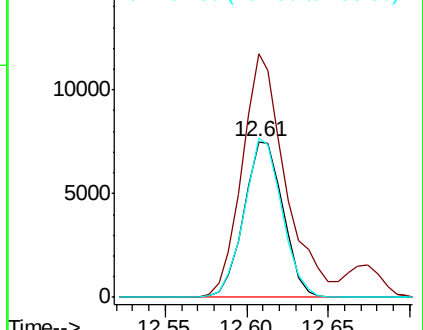
156 100

77 172.4 87.0 260.9

158 99.1 48.7 146.1



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: 5.601 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY003461.D

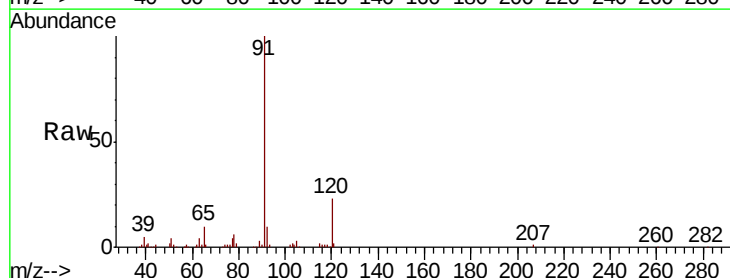
Acq: 02 Nov 2020 10:11

Tgt Ion: 91 Resp: 56949

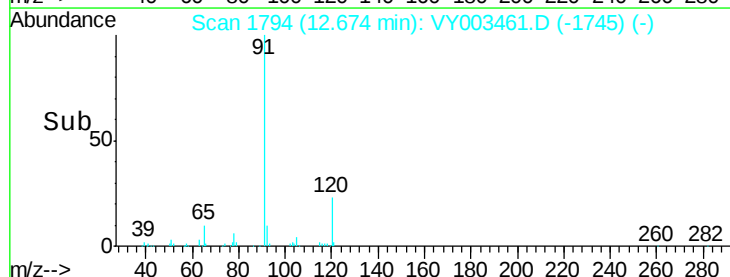
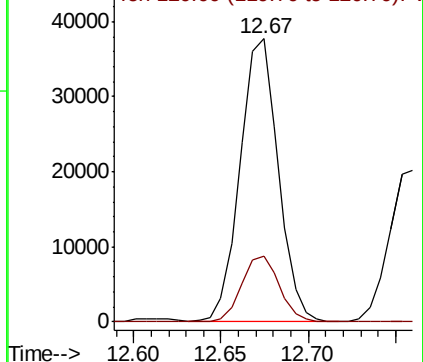
Ion Ratio Lower Upper

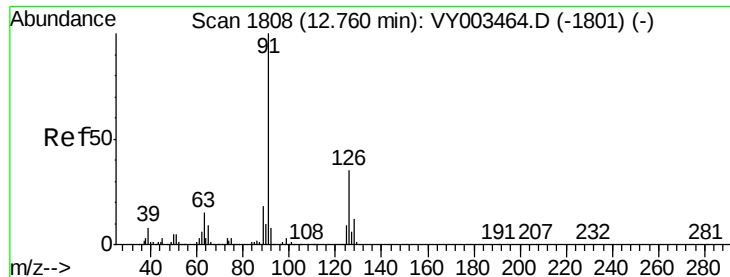
91 100

120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.570 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

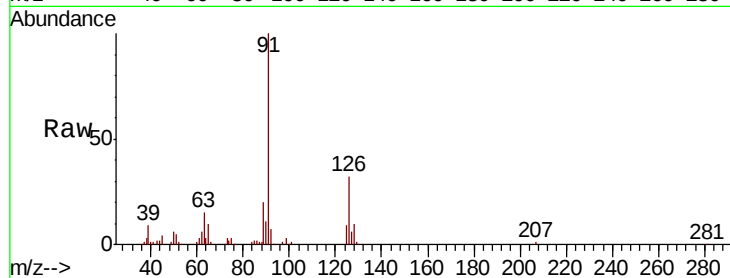
ClientSampleId :

Tot Ion: 91 Resp: 31764

Ion Ratio Lower Upper

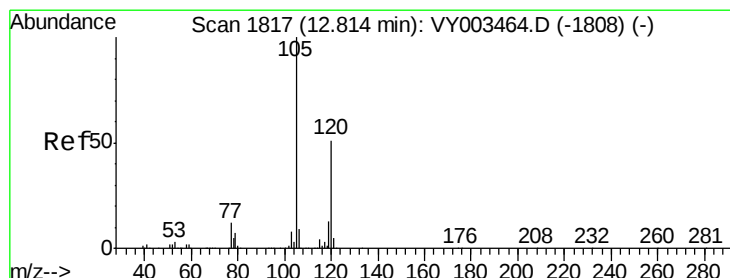
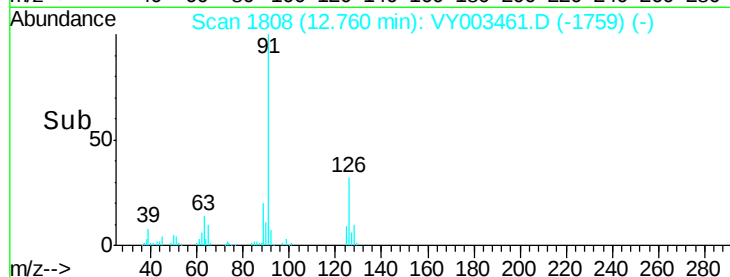
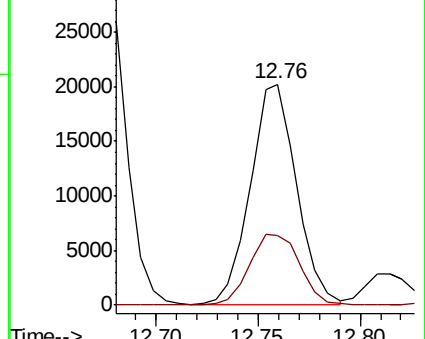
91 100

126 35.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY003461.D (-1759) (-)

Ion 125.90 (125.60 to 126.60): VY003461.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.566 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY003461.D

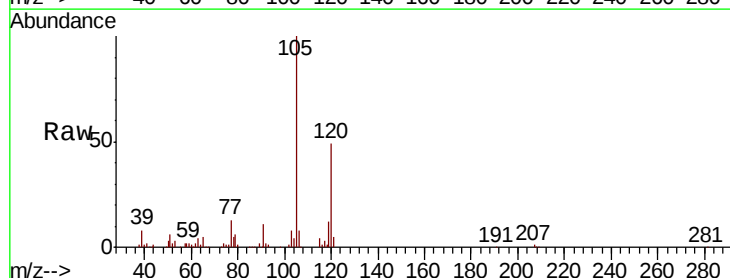
Acq: 02 Nov 2020 10:11

Tgt Ion: 105 Resp: 40598

Ion Ratio Lower Upper

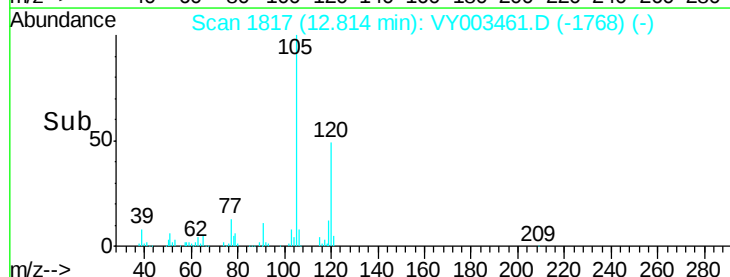
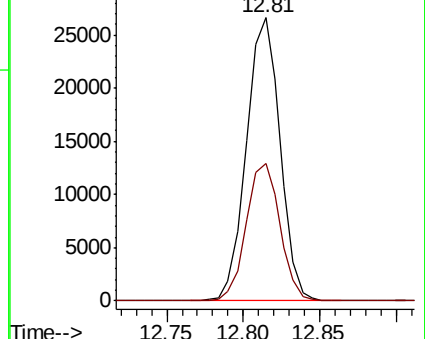
105 100

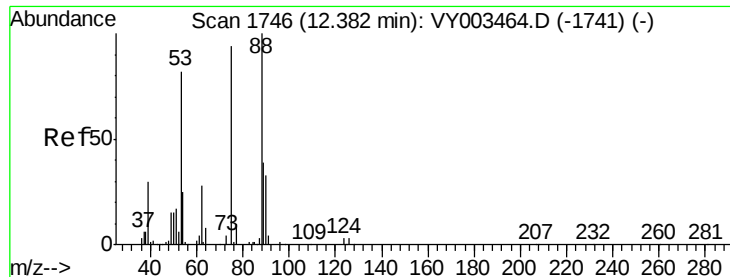
120 48.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003461.D (-1768) (-)

Ion 120.00 (119.70 to 120.70): VY003461.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 6.425 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

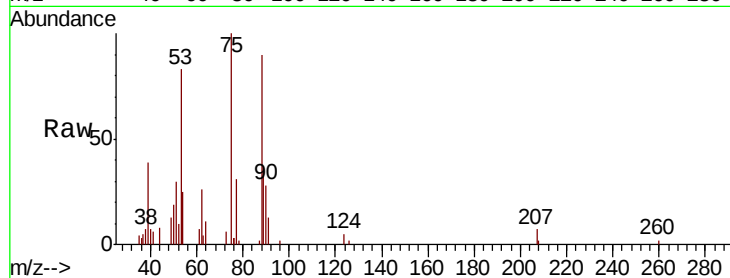
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 4008

Ion	Ratio	Lower	Upper
75	100		
53	94.5	74.7	112.1
89	42.8	35.8	53.8

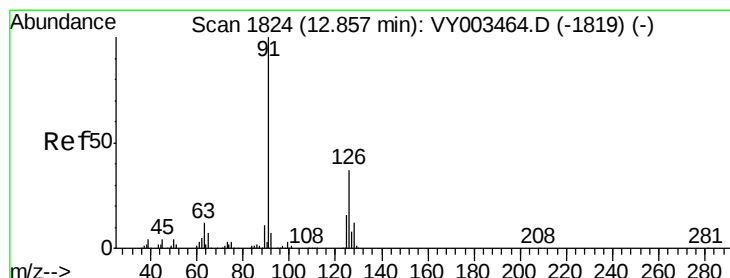
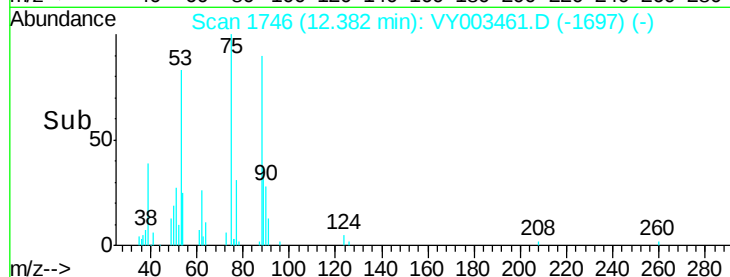
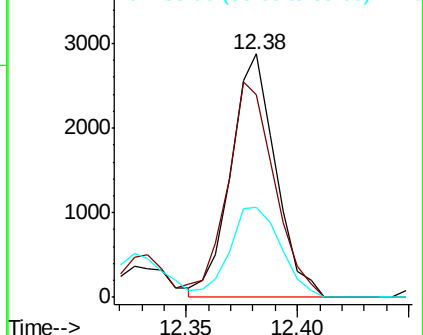


Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 5.506 ug/l

RT: 12.86 min Scan# 1824

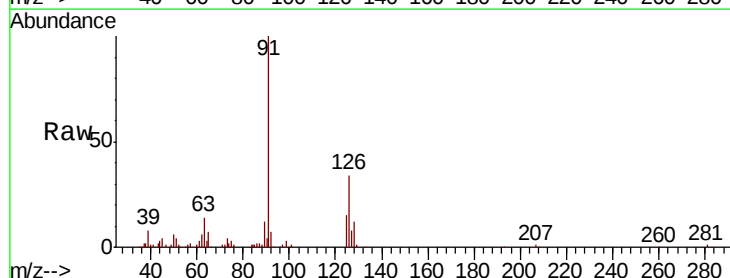
Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Tgt Ion: 91 Resp: 33290

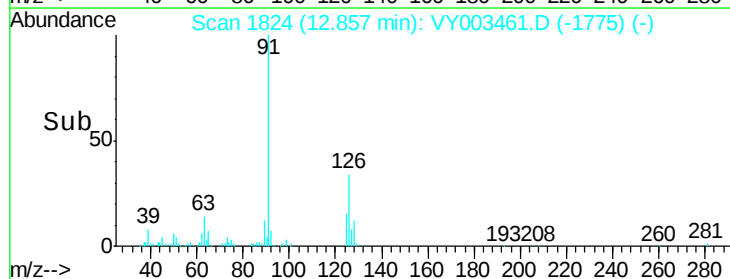
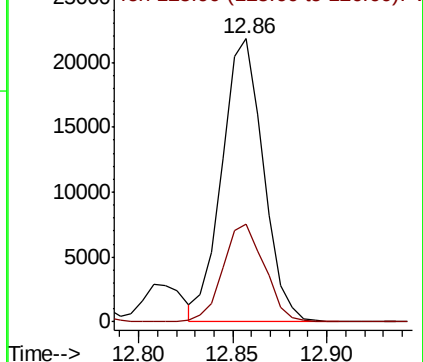
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.6	52.8

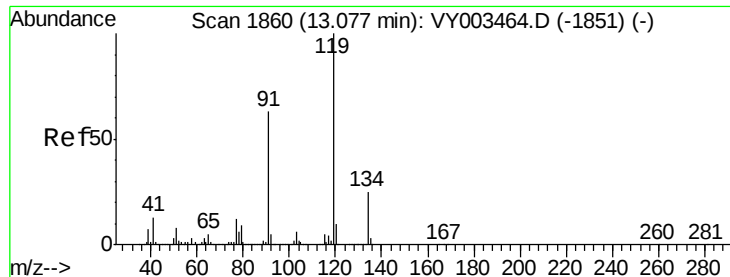


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

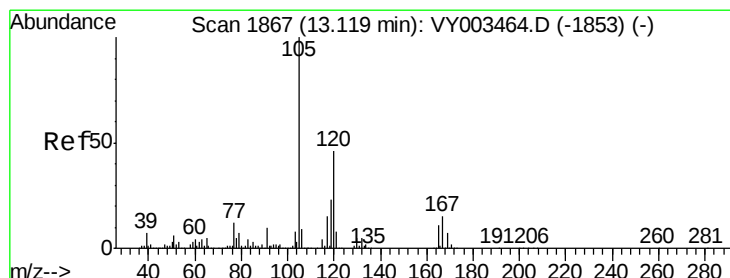
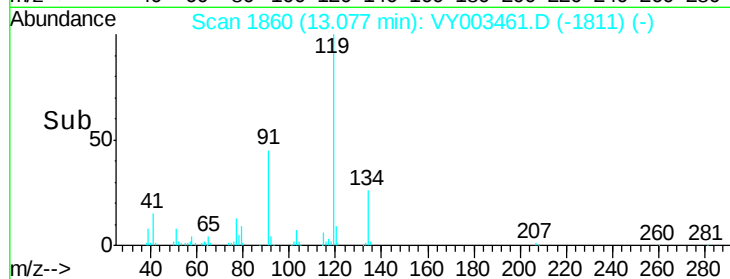
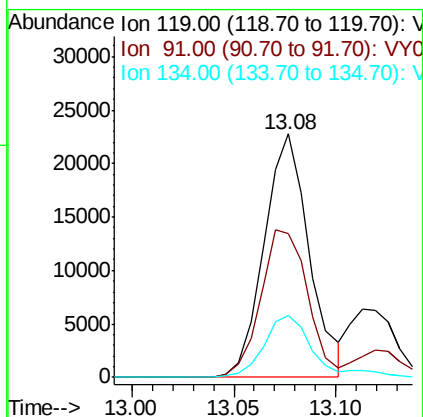
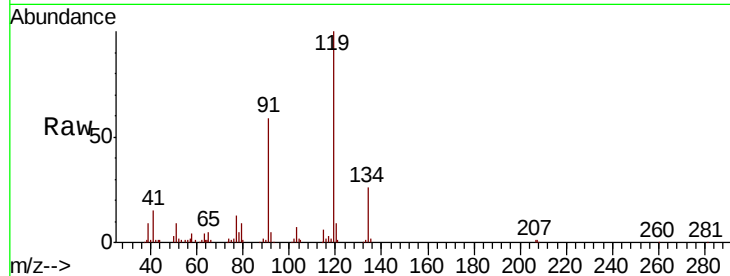




#83
tert-Butylbenzene
Concen: 5.509 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

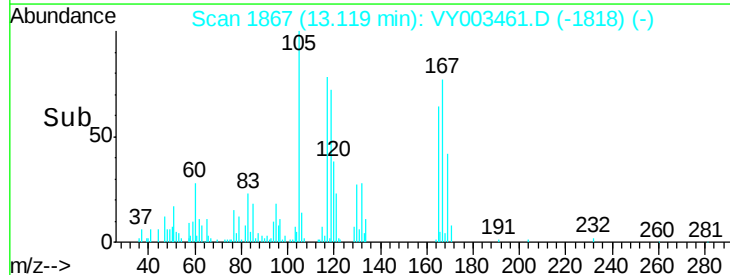
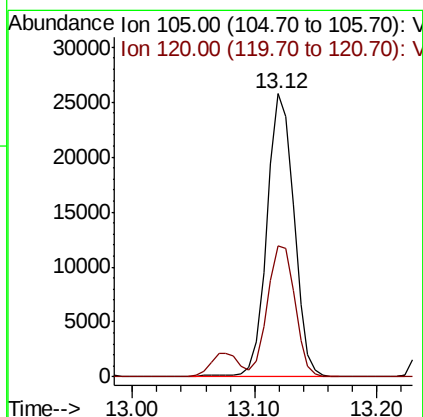
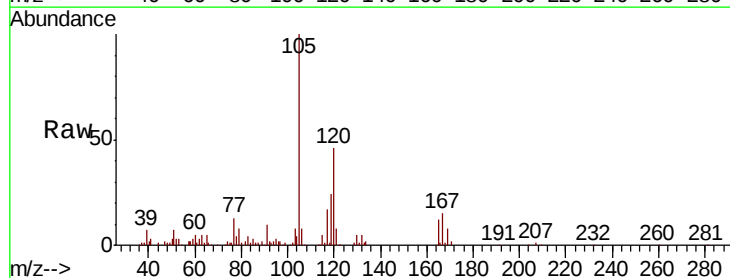
Instrument :
MSVOA_Y
ClientSampleId :

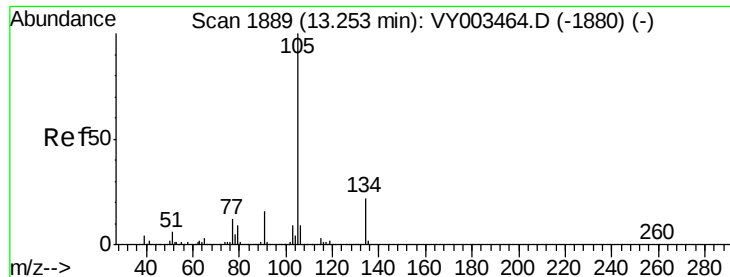
Tot Ion:119 Resp: 35043
Ion Ratio Lower Upper
119 100
91 63.0 31.1 93.2
134 27.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 5.385 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 02 Nov 2020 10:11

Tgt Ion:105 Resp: 39656
Ion Ratio Lower Upper
105 100
120 47.0 22.9 68.8

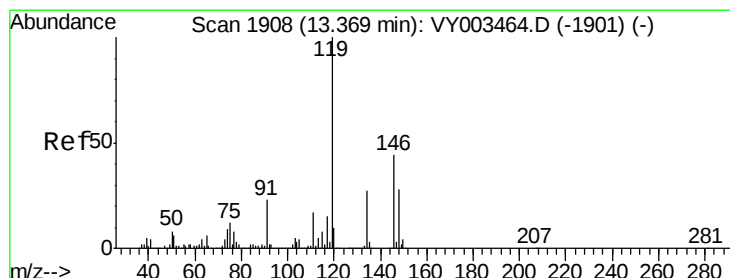
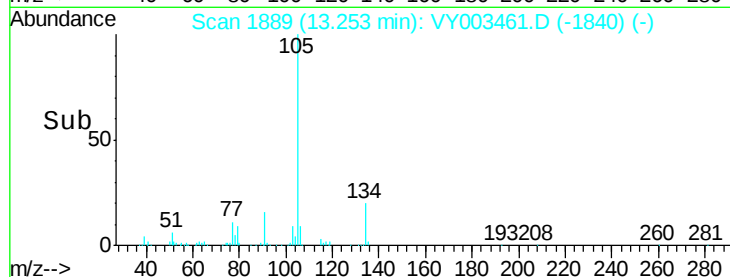
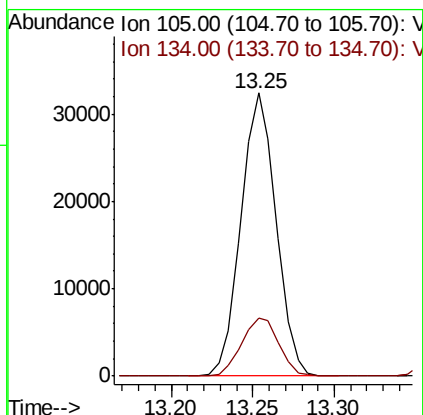
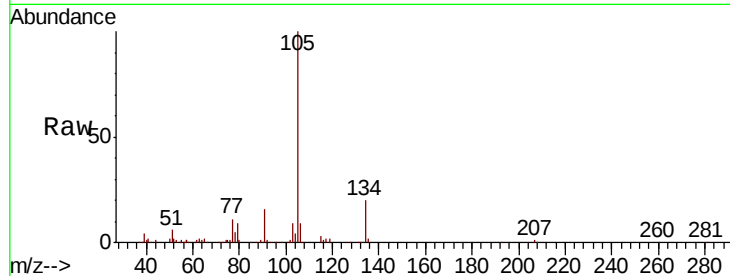




#85
 sec-Butylbenzene
 Concen: 5.540 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

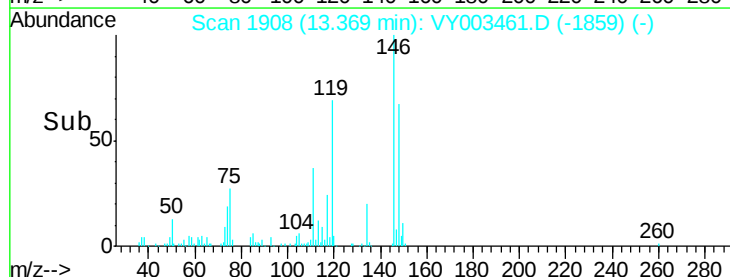
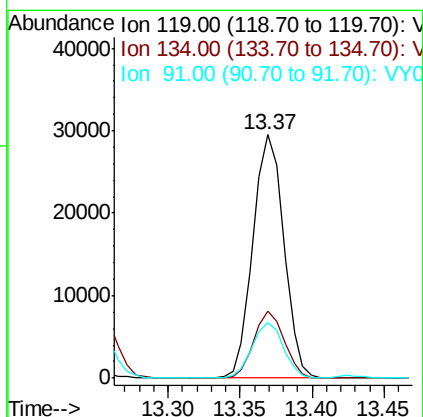
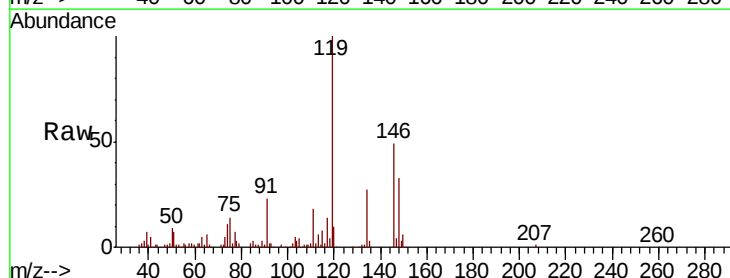
Instrument :
 MSVOA_Y
 ClientSampleId :

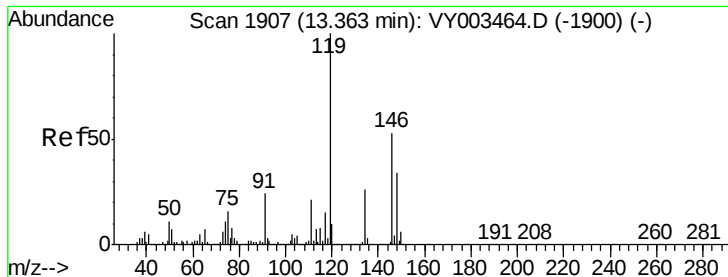
Tot Ion:105 Resp: 48567
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 5.267 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Tgt Ion:119 Resp: 43748
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 23.1 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 5.408 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

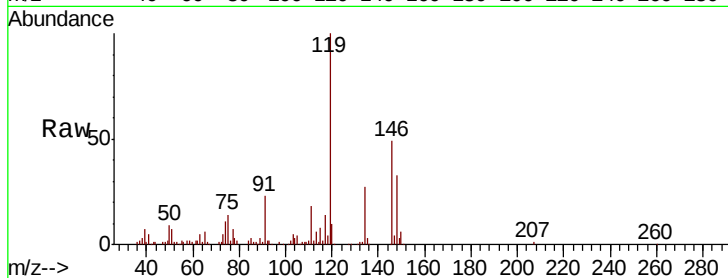
Tot Ion:146 Resp: 23277

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.1

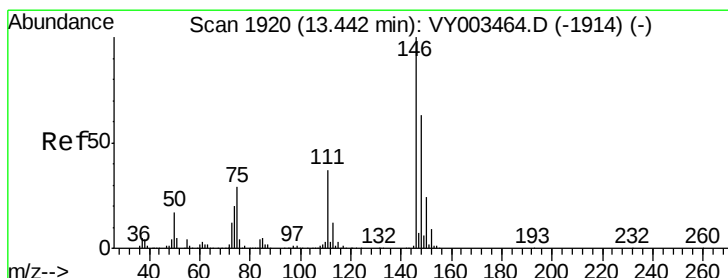
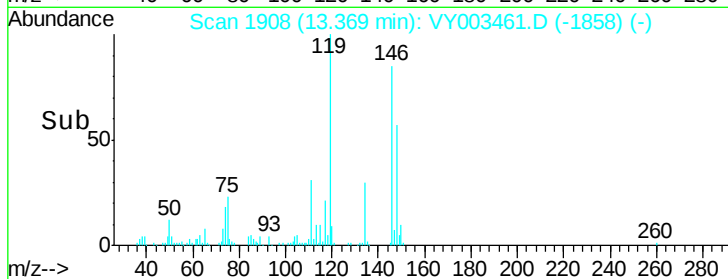
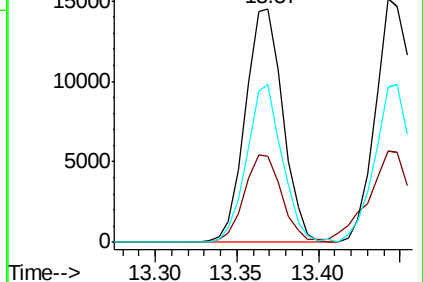
148 64.0 32.4 97.0



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



#88

1,4-Dichlorobenzene

Concen: 5.526 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

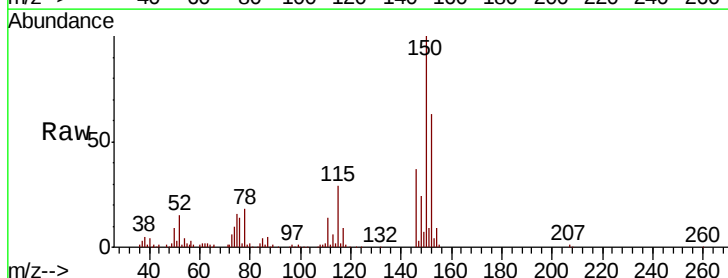
Tgt Ion:146 Resp: 23702

Ion Ratio Lower Upper

146 100

111 42.6 18.3 54.8

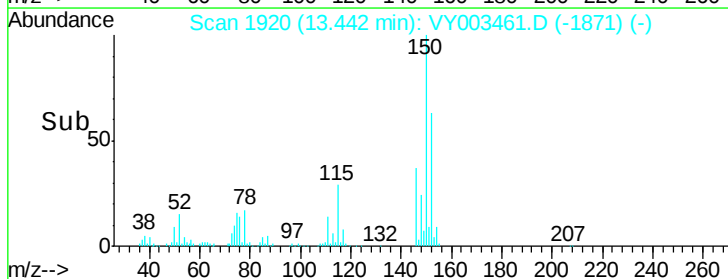
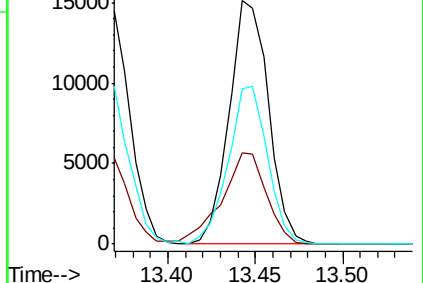
148 64.8 32.0 96.0

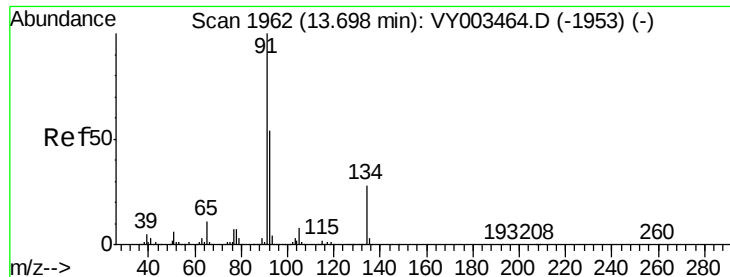


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 5.313 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

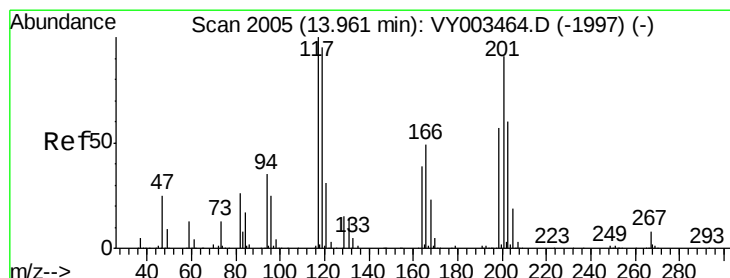
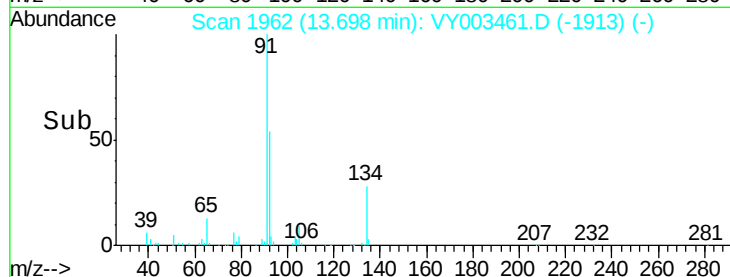
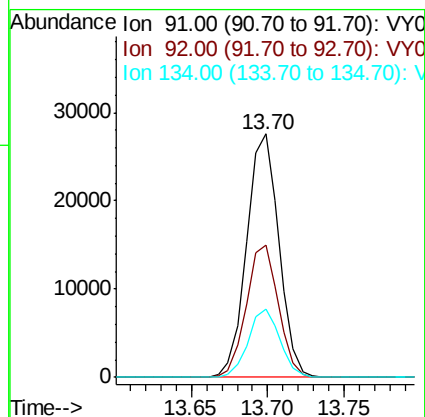
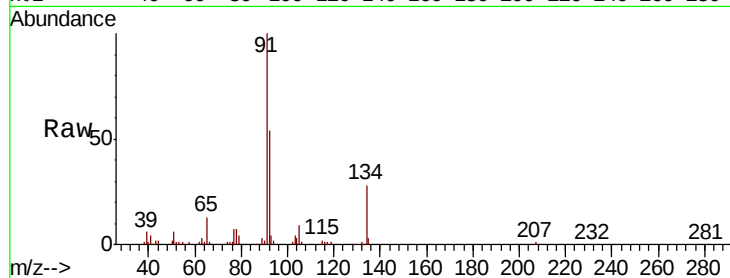
Tot Ion: 91 Resp: 40364

Ion Ratio Lower Upper

91 100

92 54.0 26.7 80.1

134 27.5 13.8 41.3



#90

Hexachloroethane

Concen: 5.634 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003461.D

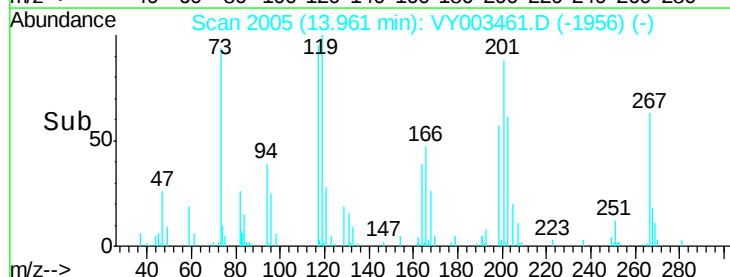
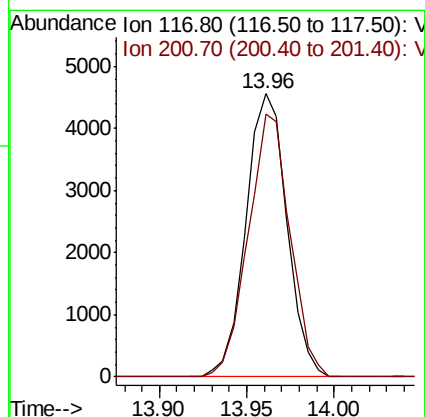
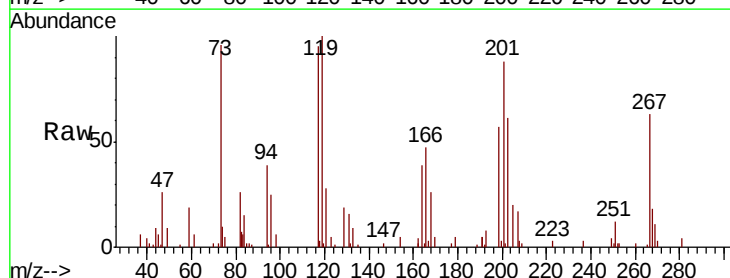
Acq: 02 Nov 2020 10:11

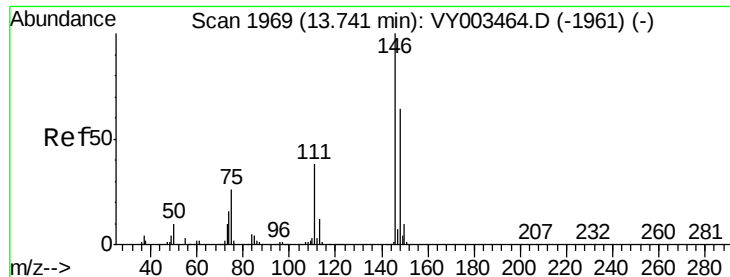
Tgt Ion: 117 Resp: 7405

Ion Ratio Lower Upper

117 100

201 94.7 46.6 139.8

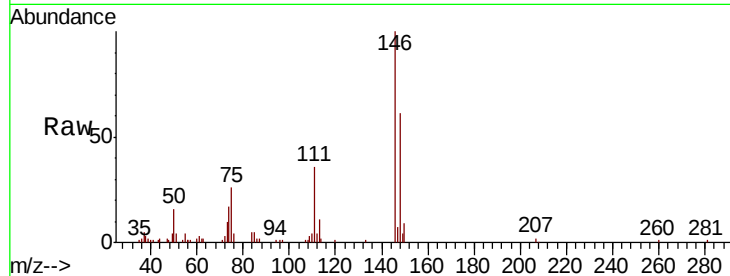




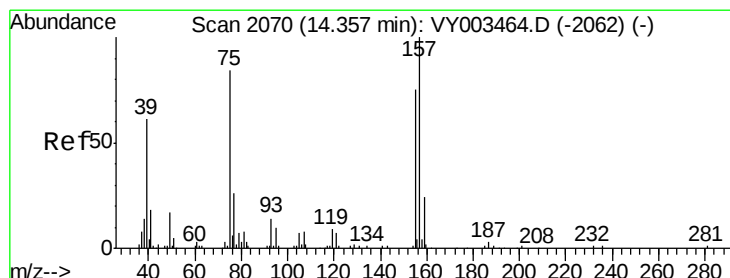
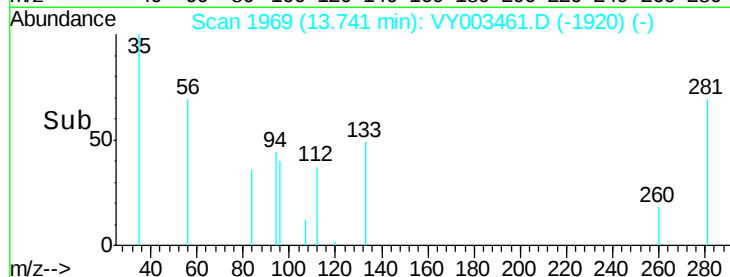
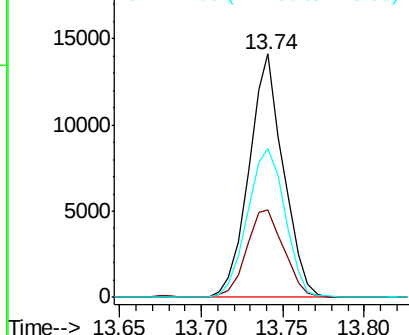
#91
 1,2-Dichlorobenzene
 Concen: 5.413 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.8
148	66.9	32.3	96.8

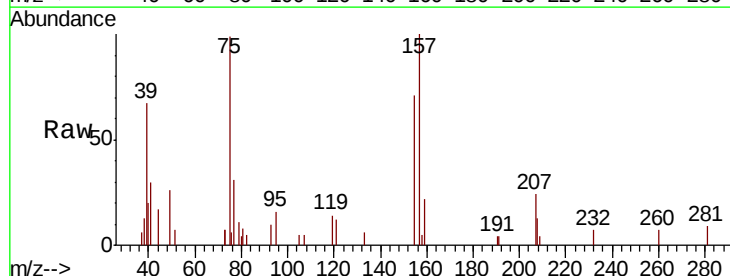


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

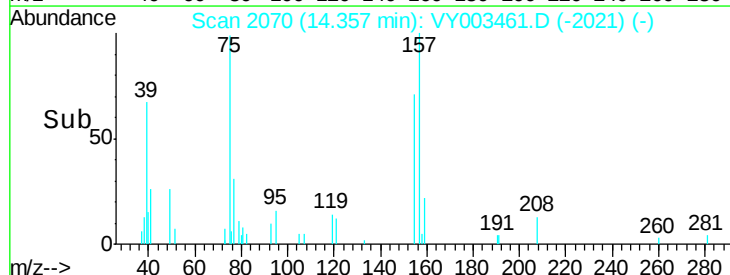
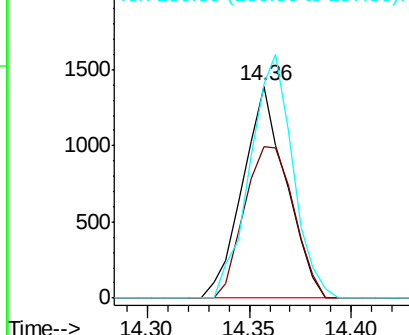


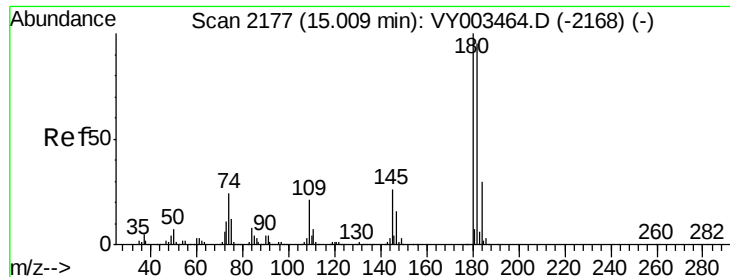
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.512 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	45.6	136.7
157	112.9	60.3	180.8



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

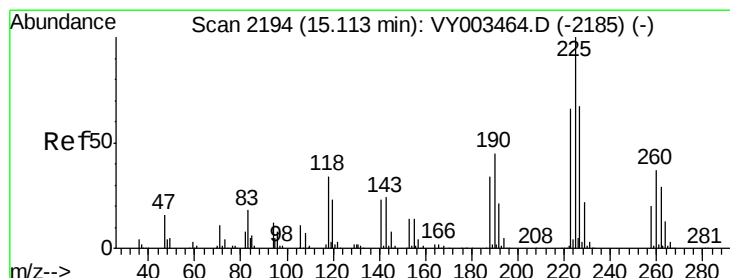
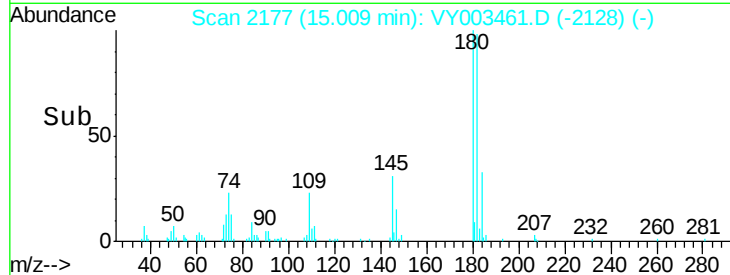
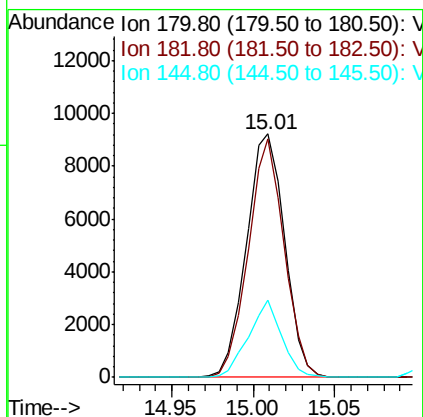
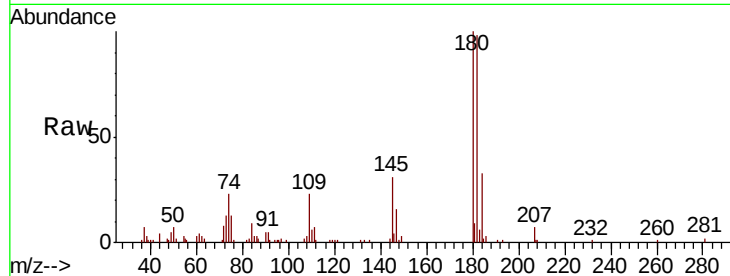




#93
 1,2,4-Trichlorobenzene
 Concen: 5.293 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

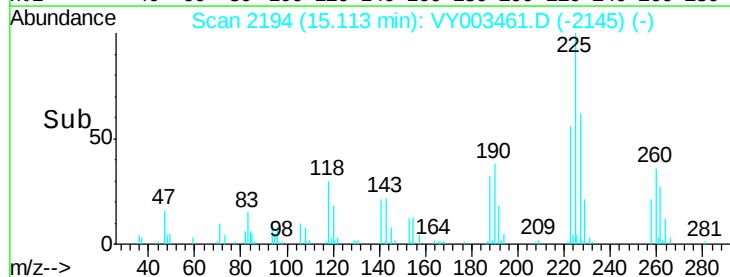
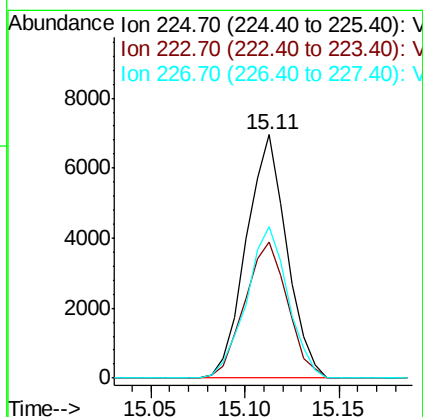
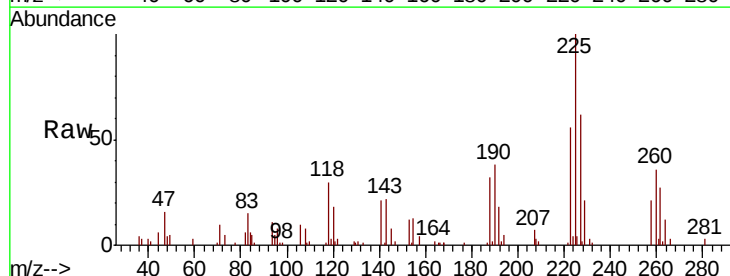
Instrument :
 MSVOA_Y
 ClientSampleId :

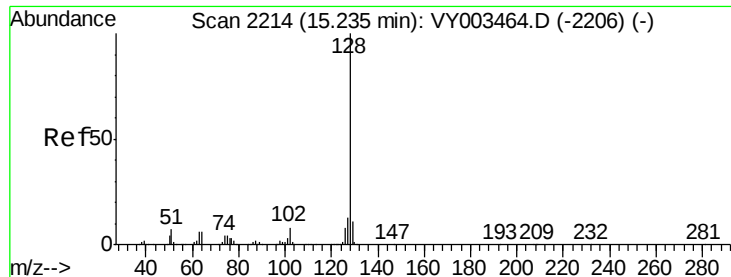
Tot Ion:180 Resp: 15028
 Ion Ratio Lower Upper
 180 100
 182 92.0 48.1 144.3
 145 27.4 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 5.587 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 02 Nov 2020 10:11

Tgt Ion:225 Resp: 10338
 Ion Ratio Lower Upper
 225 100
 223 59.3 32.1 96.3
 227 63.8 32.4 97.2





#95

Naphthalene

Concen: 5.348 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

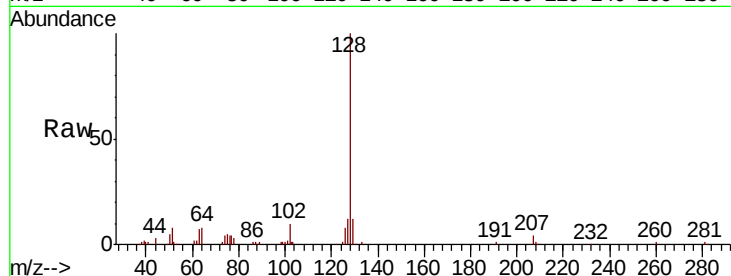
Tot Ion:128 Resp: 27181

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.23

20000

15000

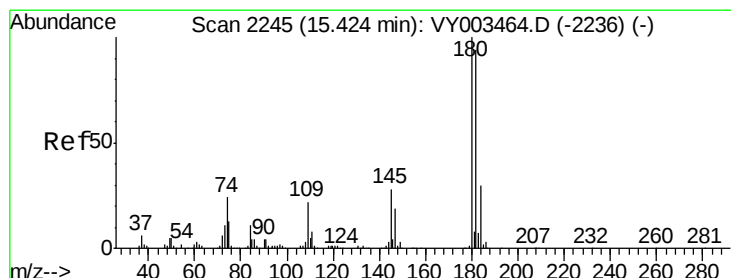
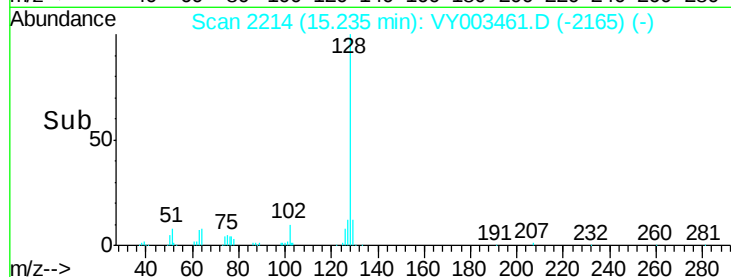
10000

5000

0

Time-->

15.20 15.30



#96

1,2,3-Trichlorobenzene

Concen: 5.384 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 02 Nov 2020 10:11

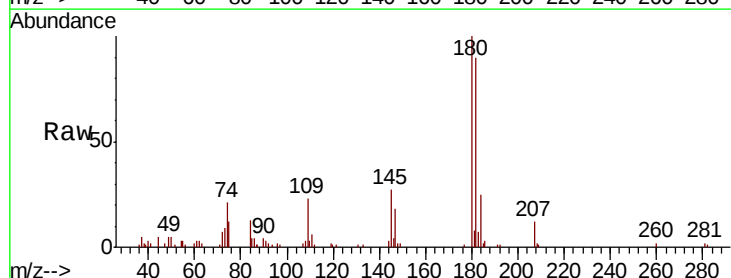
Tgt Ion:180 Resp: 13314

Ion Ratio Lower Upper

180 100

182 94.0 46.9 140.7

145 30.4 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.43

10000

8000

6000

4000

2000

0

Time-->

15.35 15.40 15.45

