

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003521.D
 Acq On : 05 Nov 2020 16:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 23:49:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	361858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	329630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	118732	44.99	ug/l	0.00
Spiked Amount			Recovery	=	89.98%	
35) Dibromofluoromethane	7.72	113	107895	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	10.18	98	440816	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.48	95	146987	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	90888	44.624	ug/l	98
3) Chloromethane	2.12	50	120911	45.094	ug/l	98
4) Vinyl Chloride	2.26	62	135762	45.107	ug/l	100
5) Bromomethane	2.66	94	99992	39.764	ug/l	99
6) Chloroethane	2.80	64	87828	48.959	ug/l	98
7) Trichlorofluoromethane	3.13	101	184664	48.337	ug/l	100
8) Diethyl Ether	3.54	74	55294	47.198	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	108293	51.287	ug/l	98
10) Methyl Iodide	4.10	142	113226	52.038	ug/l	100
11) Tert butyl alcohol	4.96	59	49144	181.708	ug/l	98
12) 1,1-Dichloroethene	3.88	96	103272	49.157	ug/l	99
13) Acrolein	3.74	56	45601	208.214	ug/l	97
14) Allyl chloride	4.49	41	182794	47.692	ug/l	99
15) Acrylonitrile	5.17	53	124014	198.310	ug/l	99
16) Acetone	3.96	43	161807	185.863	ug/l	97
17) Carbon Disulfide	4.20	76	324054	47.614	ug/l	99
18) Methyl Acetate	4.49	43	64716	39.337	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	242402	46.585	ug/l	99
20) Methylene Chloride	4.72	84	116504	47.519	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	119423	49.092	ug/l	99
22) Diisopropyl ether	6.12	45	338256	50.316	ug/l	99
23) Vinyl Acetate	6.07	43	1137102	225.087	ug/l	100
24) 1,1-Dichloroethane	6.03	63	213892	50.069	ug/l	99
25) 2-Butanone	6.99	43	203045	186.480	ug/l	100
26) 2,2-Dichloropropane	6.99	77	197880	49.720	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	132094	50.112	ug/l	100
28) Bromochloromethane	7.34	49	102737	47.804	ug/l	98
29) Tetrahydrofuran	7.35	42	106863	187.825	ug/l	99
30) Chloroform	7.51	83	211102	50.311	ug/l	95
31) Cyclohexane	7.78	56	180037	45.516	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	194413	49.666	ug/l	99
36) 1,1-Dichloropropene	7.92	75	172598	50.589	ug/l	100
37) Ethyl Acetate	7.08	43	82121	38.763	ug/l	100
38) Carbon Tetrachloride	7.90	117	178229	50.356	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	186911	49.201	ug/l	99
40) Benzene	8.16	78	476800	50.218	ug/l	99
41) Methacrylonitrile	7.35	41	107686	95.186	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	141154	47.447	ug/l	99
43) Isopropyl Acetate	8.27	43	157851	41.459	ug/l	97
44) Trichloroethene	8.94	130	135771	50.937	ug/l	98
45) 1,2-Dichloropropane	9.22	63	120355	50.196	ug/l	99
46) Dibromomethane	9.30	93	62089	47.068	ug/l	98
47) Bromodichloromethane	9.50	83	163462	50.628	ug/l	98
48) Methyl methacrylate	9.29	41	74966	41.798	ug/l	98
49) 1,4-Dioxane	9.30	88	12948	786.659	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	407952	201.102	ug/l	99
52) Toluene	10.24	92	302272	50.900	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	166214	48.375	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	193979	50.170	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	89114	47.589	ug/l	98
56) Ethyl methacrylate	10.51	69	115016	45.856	ug/l	100
57) 1,3-Dichloropropane	10.79	76	156530	48.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	290943	228.819	ug/l	99
59) 2-Hexanone	10.83	43	294159	195.848	ug/l	99
60) Dibromochloromethane	10.99	129	114559	49.776	ug/l	100
61) 1,2-Dibromoethane	11.09	107	83464	46.169	ug/l	99
64) Tetrachloroethene	10.72	164	125778	51.094	ug/l	97
65) Chlorobenzene	11.52	112	324352	50.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	123431	51.108	ug/l	99
67) Ethyl Benzene	11.59	91	589522	50.768	ug/l	98
68) m/p-Xylenes	11.70	106	452255	102.775	ug/l	99
69) o-Xylene	12.03	106	209137	51.666	ug/l	100
70) Styrene	12.04	104	356900	51.928	ug/l	100
71) Bromoform	12.20	173	74953	46.562	ug/l #	99
73) Isopropylbenzene	12.33	105	577361	50.469	ug/l	99
74) N-amyl acetate	12.14	43	137647	42.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	105984	43.373	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	139735	75.411	ug/l #	100
77) Bromobenzene	12.61	156	143863	49.495	ug/l	99
78) n-propylbenzene	12.67	91	684115	50.769	ug/l	100
79) 2-Chlorotoluene	12.75	91	379681	50.433	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	487054	51.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36759	41.405	ug/l	99
82) 4-Chlorotoluene	12.85	91	396209	50.361	ug/l	99
83) tert-Butylbenzene	13.07	119	419603	49.914	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	484289	51.122	ug/l	99
85) sec-Butylbenzene	13.25	105	585029	51.397	ug/l	99
86) p-Isopropyltoluene	13.37	119	545463	51.672	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	275697	50.918	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	272005	50.520	ug/l	99
89) n-Butylbenzene	13.69	91	499778	51.834	ug/l	100
90) Hexachloroethane	13.96	117	90750	51.081	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	242068	50.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17436	39.418	ug/l	99

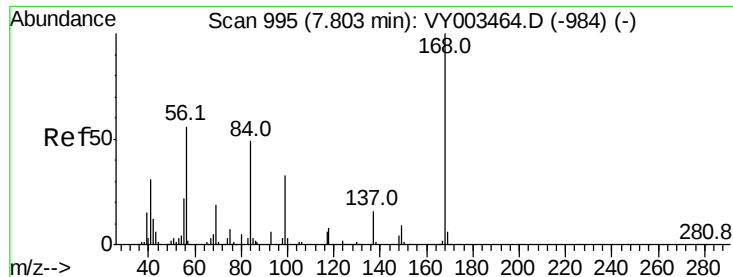
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QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	172545	50.714	ug/l	100
94) Hexachlorobutadiene	15.11	225	112561	51.428	ug/l	99
95) Naphthalene	15.23	128	301500	44.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	151939	49.645	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

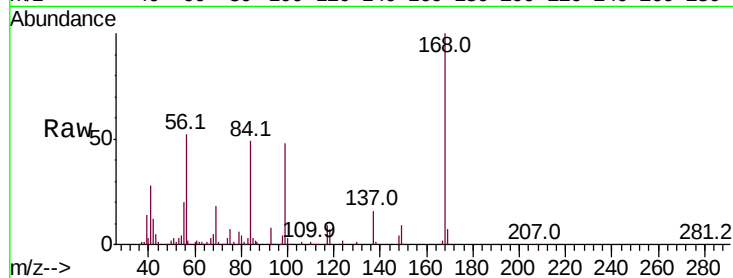
ClientSampleId :

Tot Ion:168 Resp: 257419

Ion Ratio Lower Upper

168 100

99 47.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003521.D (-946) (-)

7.80

120000

100000

80000

60000

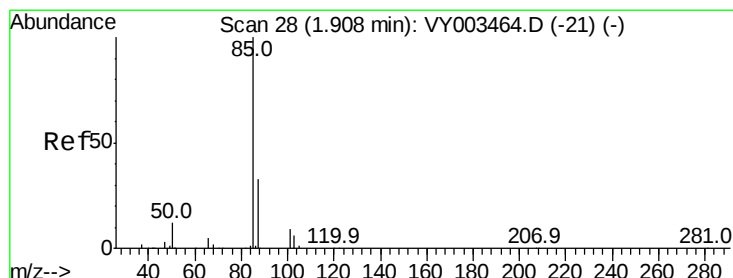
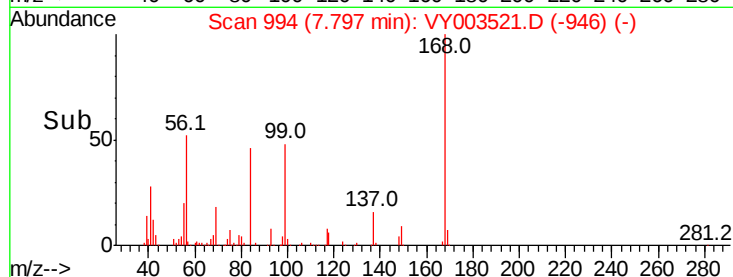
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.624 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003521.D

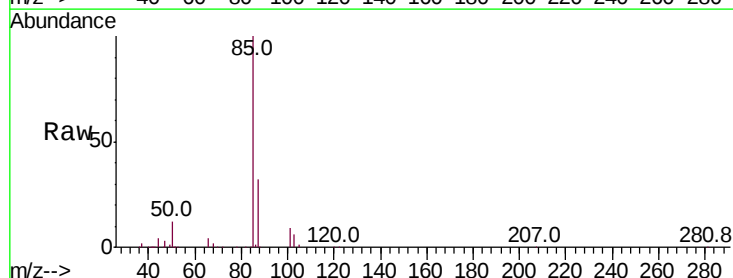
Acq: 05 Nov 2020 16:06

Tgt Ion: 85 Resp: 90888

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003521.D (-1) (-)

1.91

60000

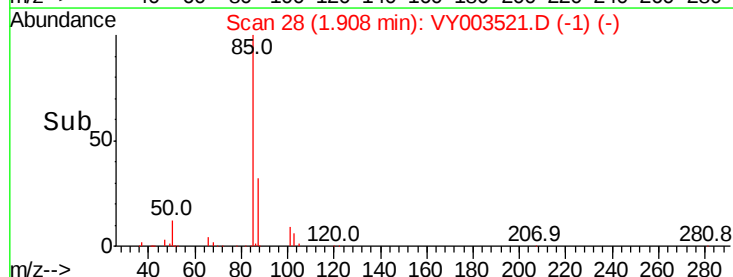
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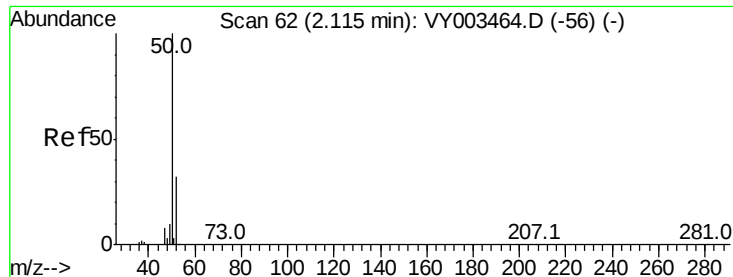
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.094 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

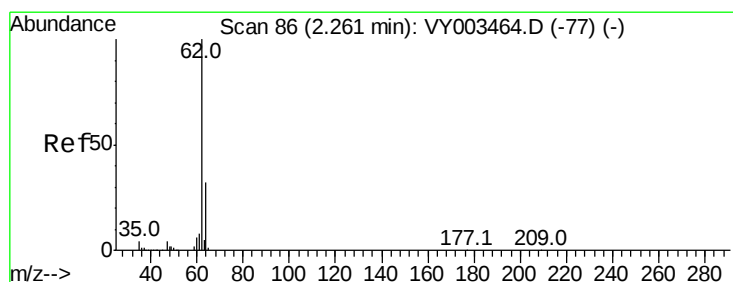
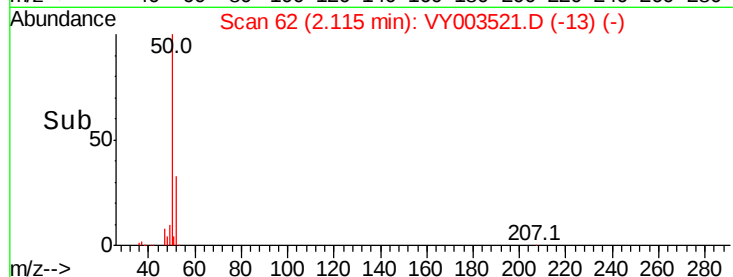
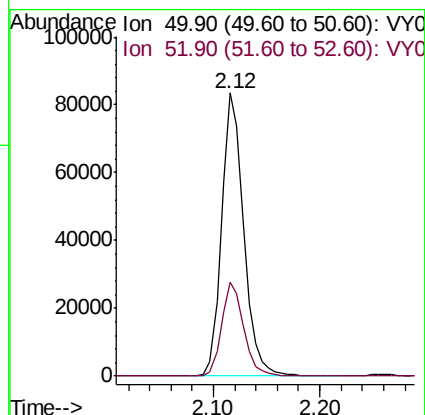
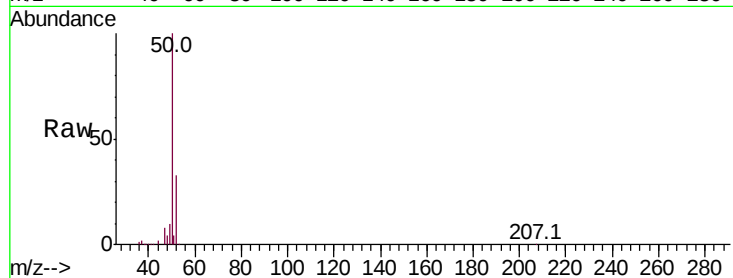
ClientSampleId :

Tot Ion: 50 Resp: 120911

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4



#4

Vinyl Chloride

Concen: 45.107 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003521.D

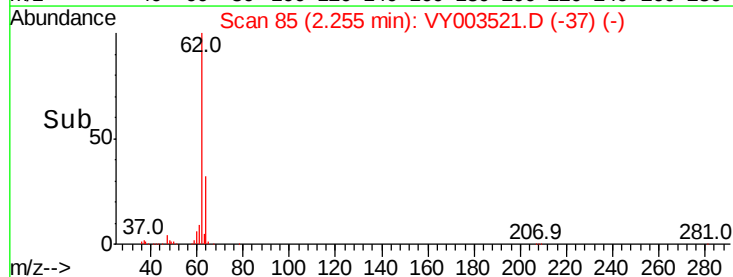
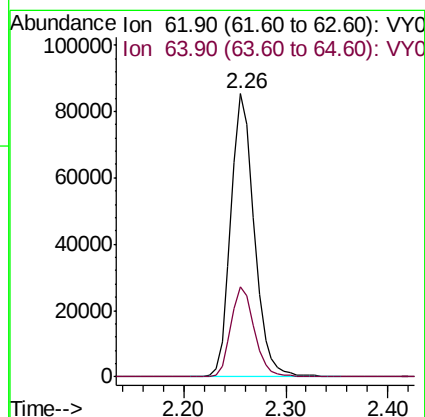
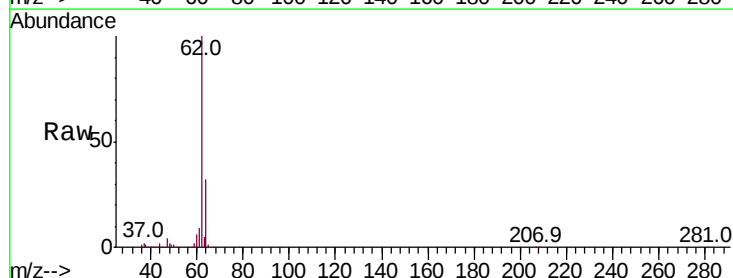
Acq: 05 Nov 2020 16:06

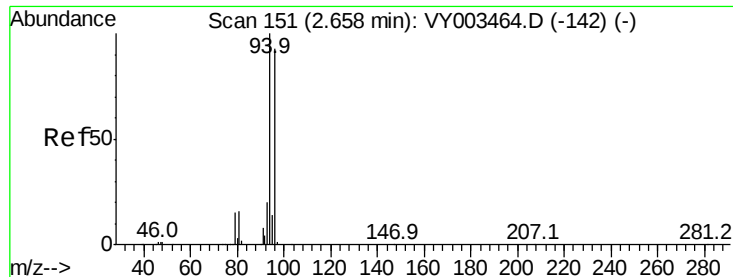
Tgt Ion: 62 Resp: 135762

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 39.764 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

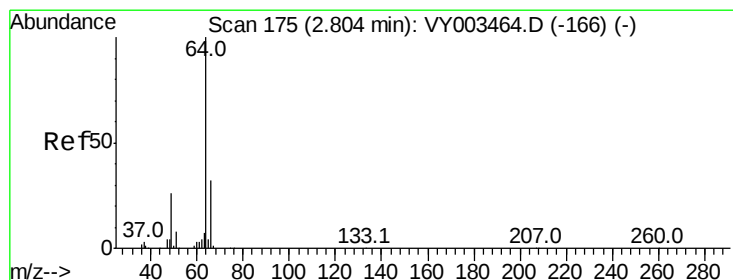
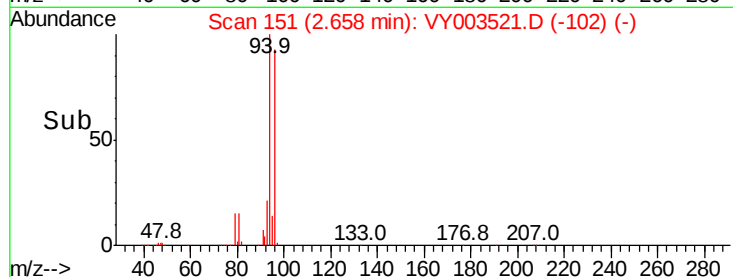
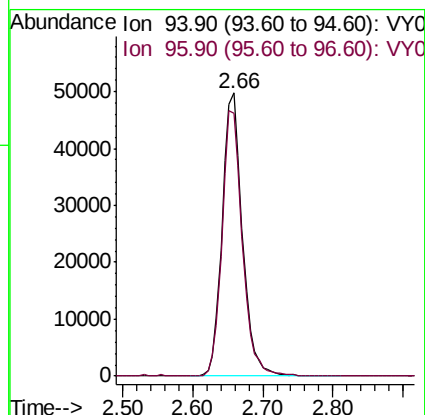
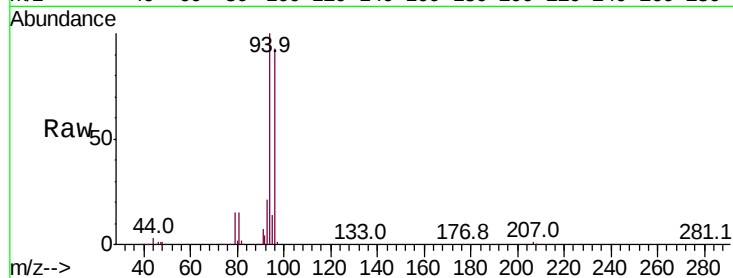
ClientSampled :

Tot Ion: 94 Resp: 99992

Ion Ratio Lower Upper

94 100

96 92.7 74.6 112.0



#6

Chloroethane

Concen: 48.959 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003521.D

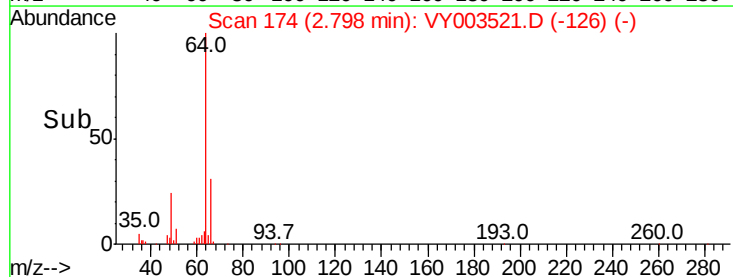
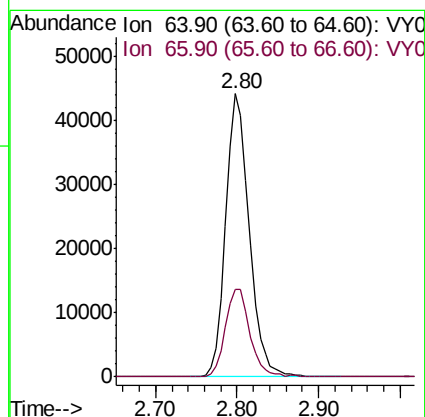
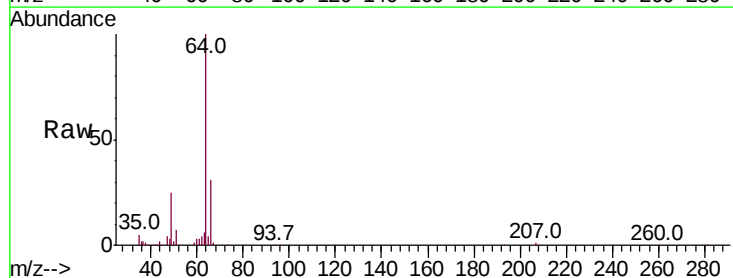
Acq: 05 Nov 2020 16:06

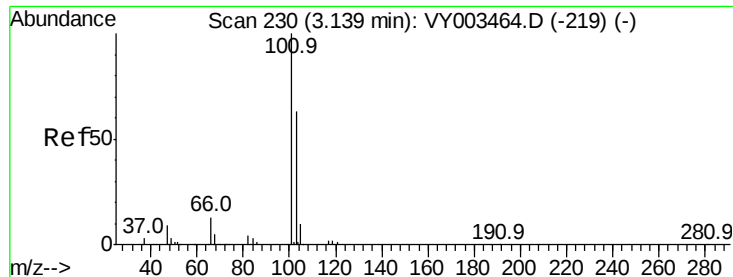
Tgt Ion: 64 Resp: 87828

Ion Ratio Lower Upper

64 100

66 31.0 25.6 38.4



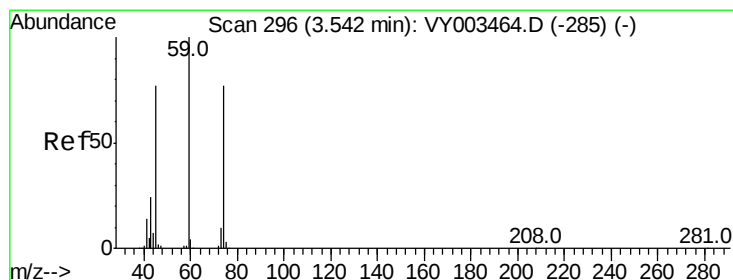
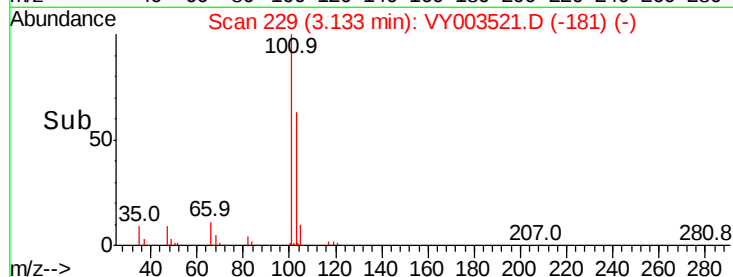
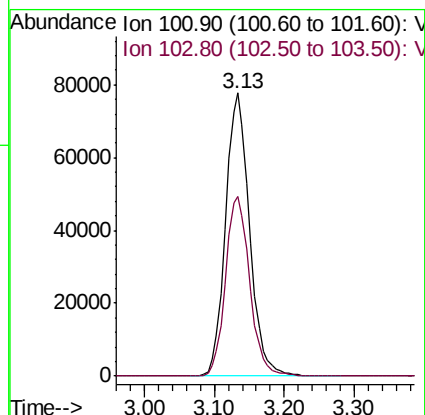
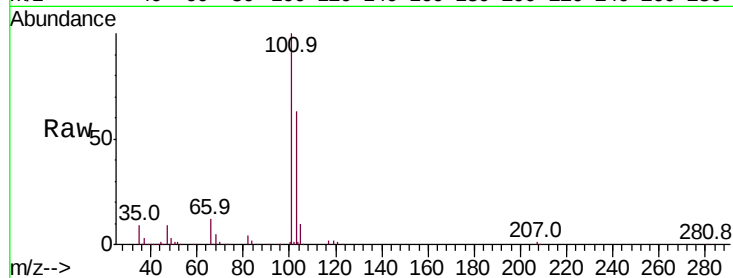


#7

Trichlorofluoromethane
 Concen: 48.337 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :

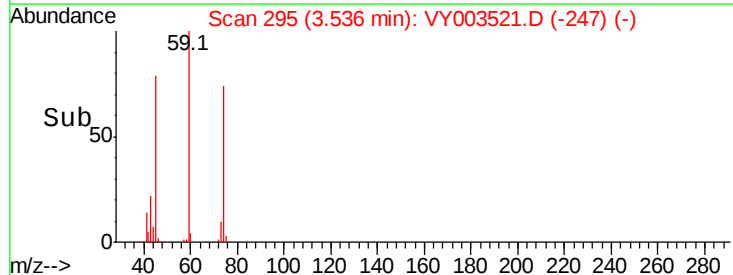
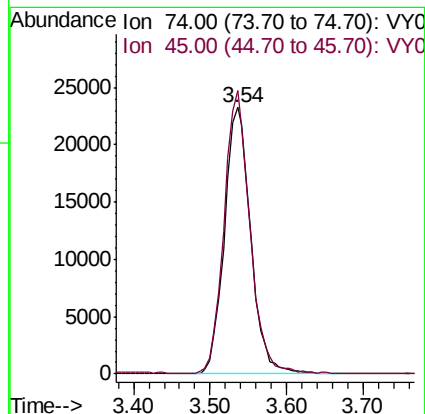
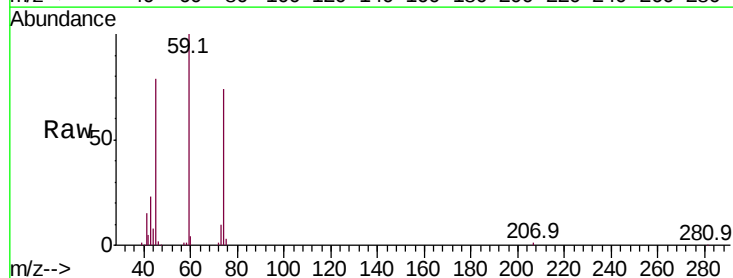
Tot Ion:101 Resp: 184664
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.7 76.1

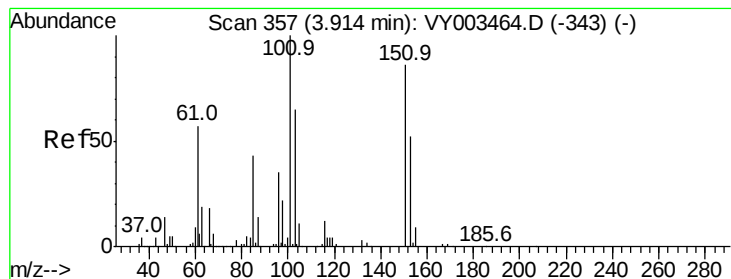


#8

Diethyl Ether
 Concen: 47.198 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion: 74 Resp: 55294
 Ion Ratio Lower Upper
 74 100
 45 104.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.287 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

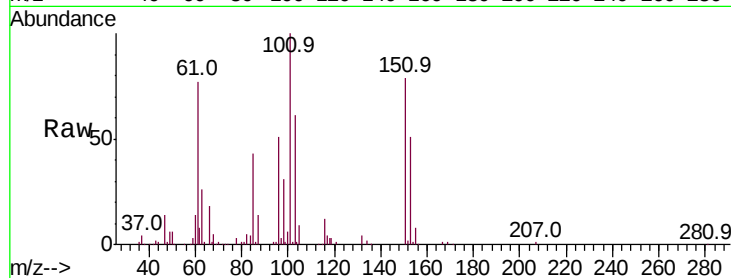
Tot Ion:101 Resp: 108293

Ion Ratio Lower Upper

101 100

85 43.7 35.8 53.8

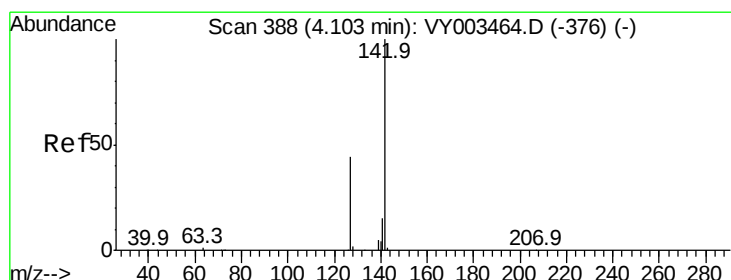
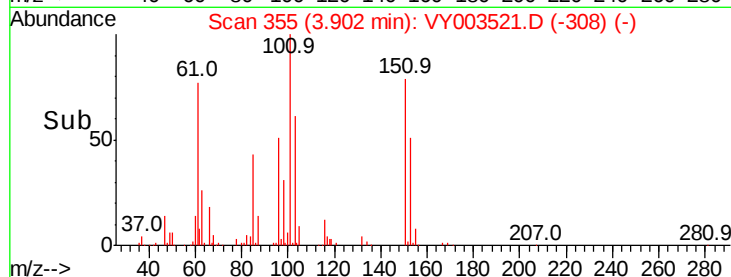
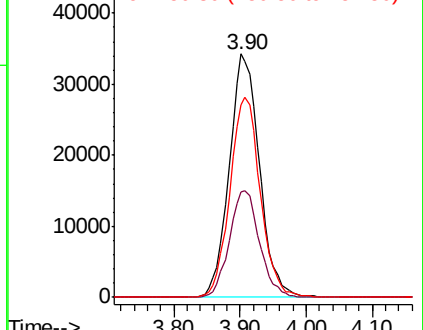
151 82.8 67.6 101.4



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: 52.038 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

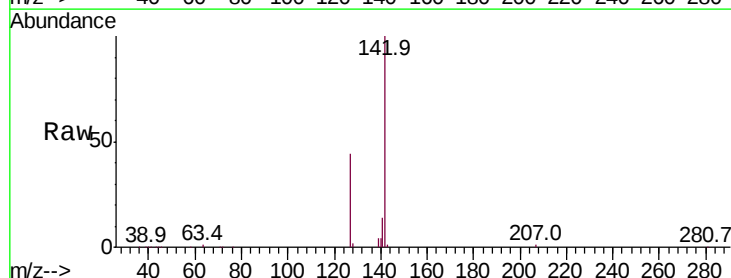
Tgt Ion:142 Resp: 113226

Ion Ratio Lower Upper

142 100

127 43.2 34.5 51.7

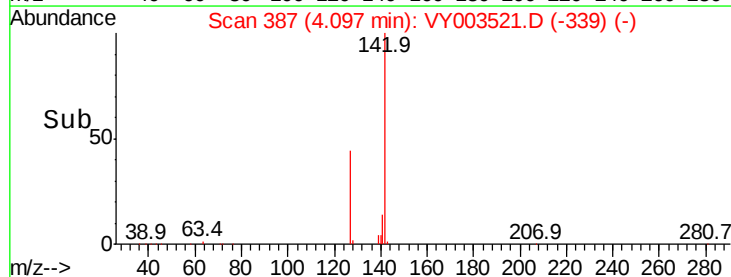
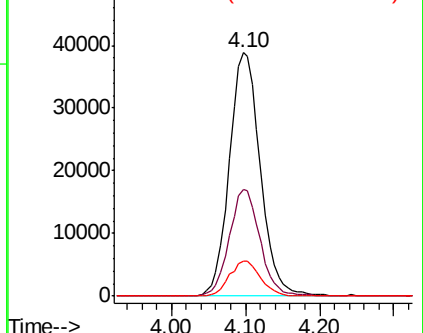
141 14.5 11.8 17.8

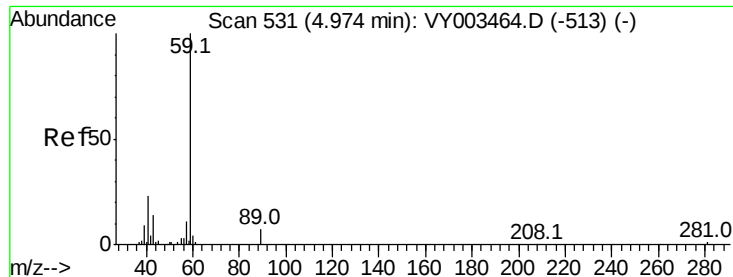


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



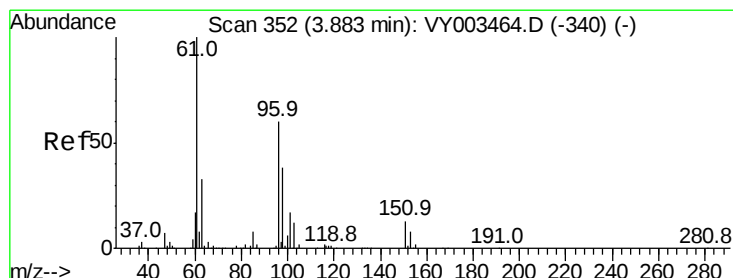
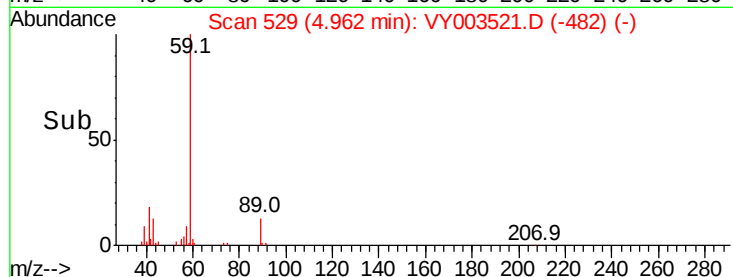
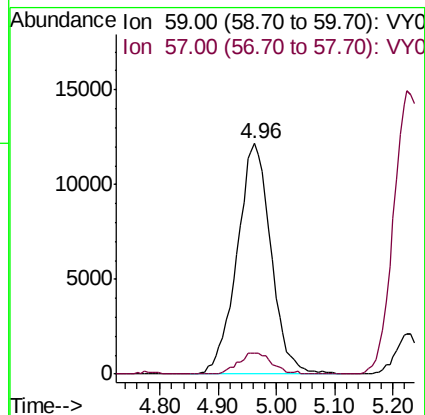
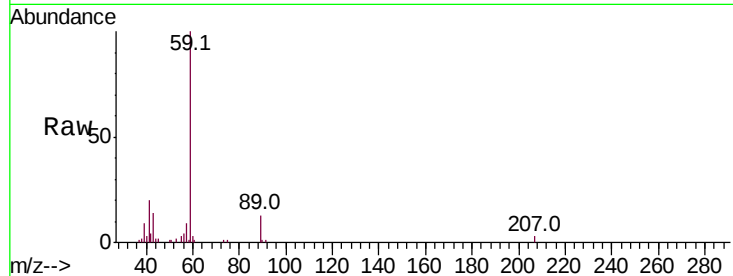


#11

Tert butyl alcohol
 Concen: 181.708 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :

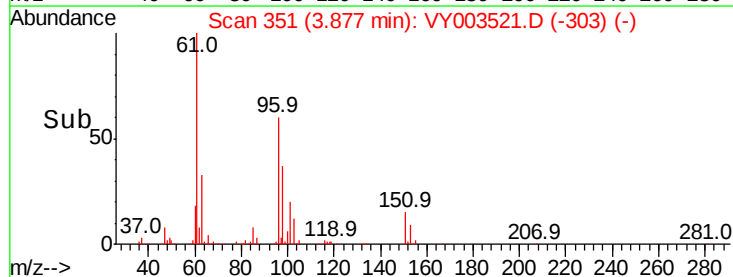
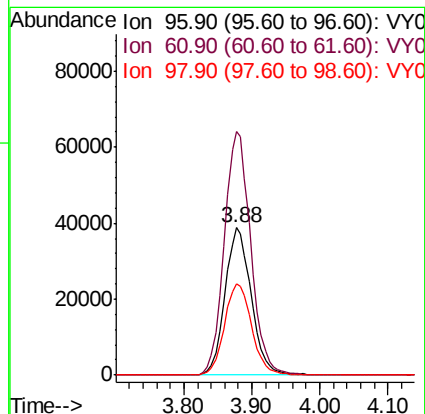
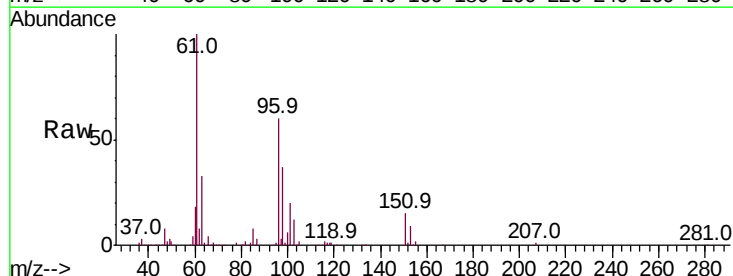
Tot Ion: 59 Resp: 49144
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.9 11.9

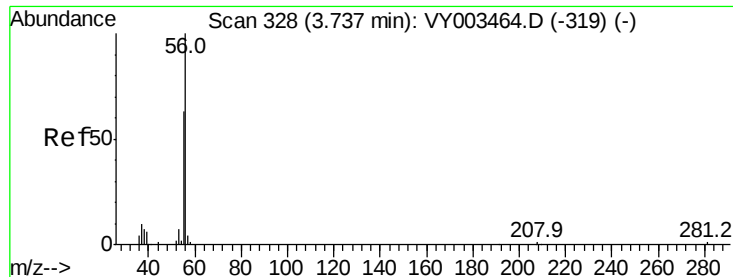


#12

1,1-Dichloroethene
 Concen: 49.157 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion: 96 Resp: 103272
 Ion Ratio Lower Upper
 96 100
 61 165.5 133.6 200.4
 98 61.9 50.2 75.2





#13

Acrolein

Concen: 208.214 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

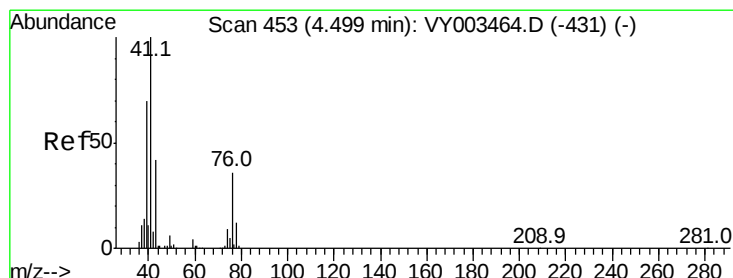
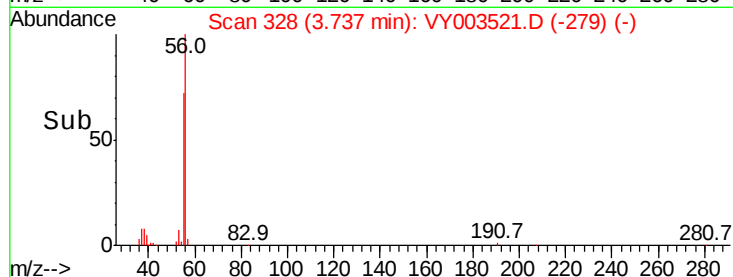
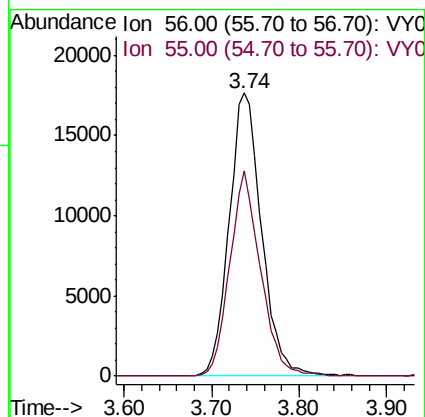
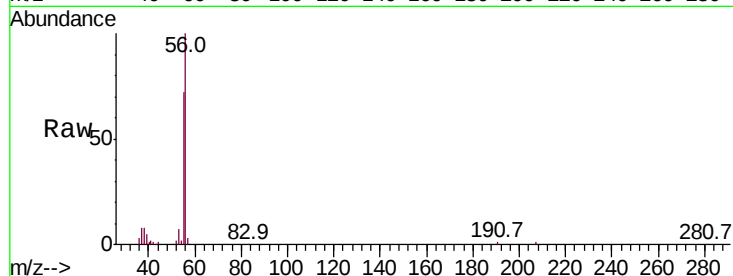
ClientSampleId :

Tot Ion: 56 Resp: 45601

Ion Ratio Lower Upper

56 100

55 68.6 56.6 85.0



#14

Allyl chloride

Concen: 47.692 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

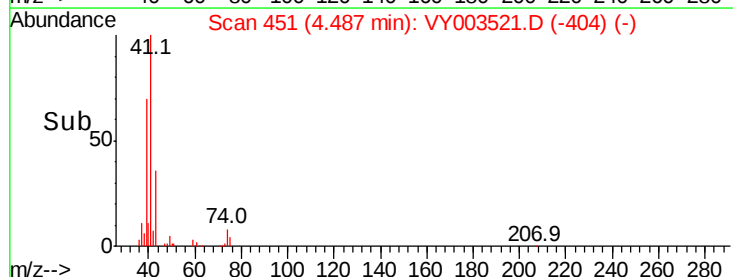
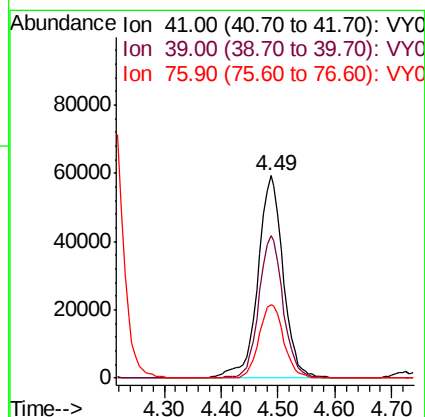
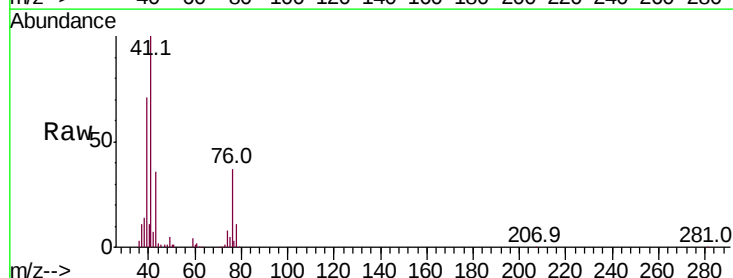
Tgt Ion: 41 Resp: 182794

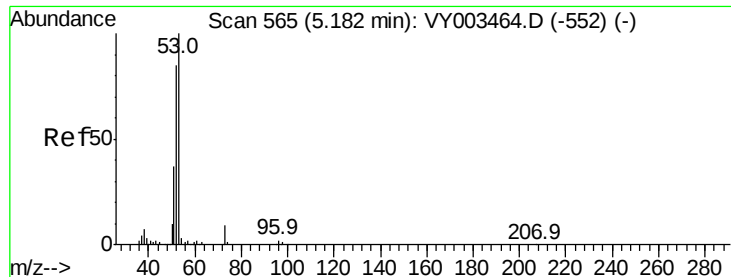
Ion Ratio Lower Upper

41 100

39 68.0 54.4 81.6

76 35.4 27.6 41.4





#15

Acrylonitrile

Concen: 198.310 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

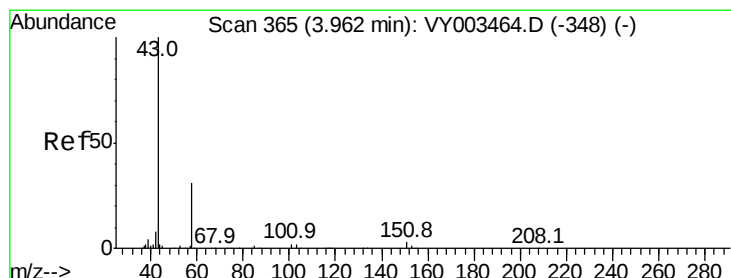
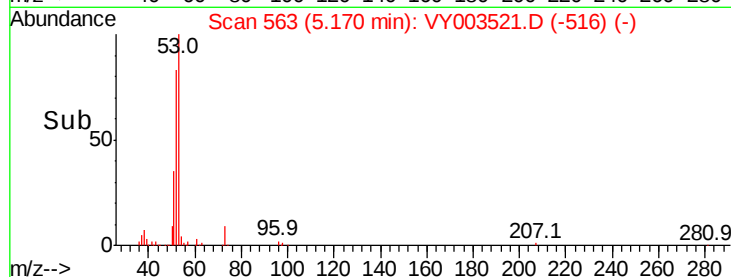
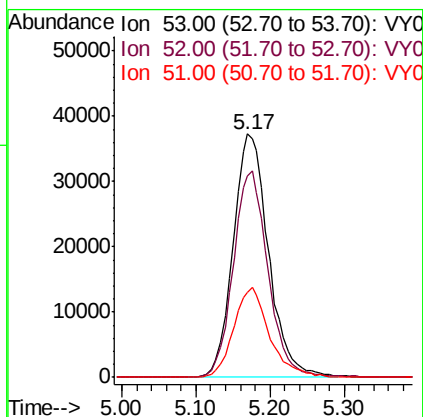
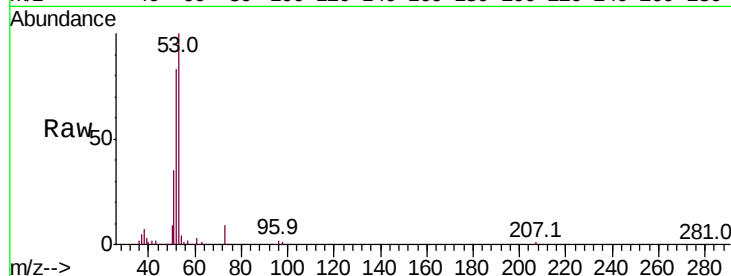
Tot Ion: 53 Resp: 124014

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

51 37.4 29.3 43.9



#16

Acetone

Concen: 185.863 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY003521.D

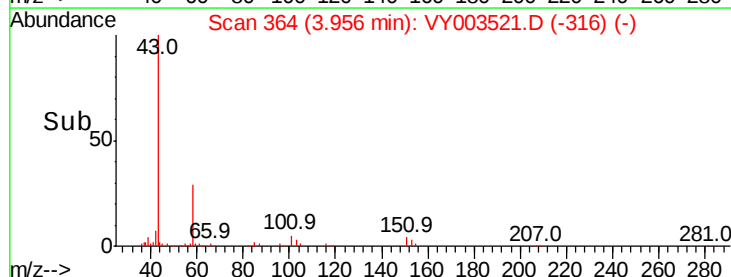
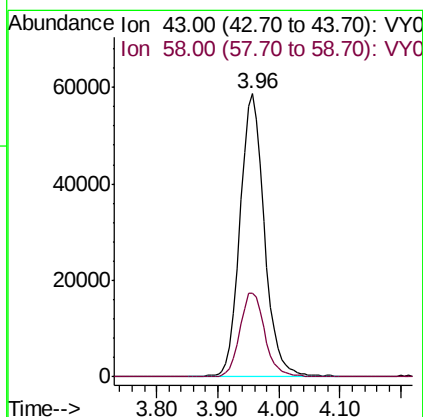
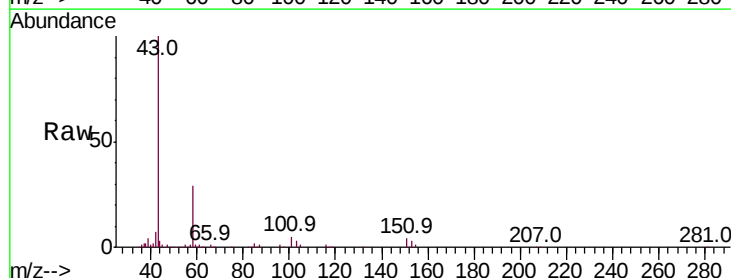
Acq: 05 Nov 2020 16:06

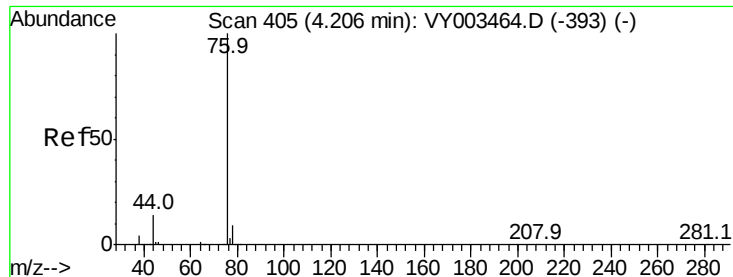
Tgt Ion: 43 Resp: 161807

Ion Ratio Lower Upper

43 100

58 29.4 25.0 37.4





#17

Carbon Disulfide

Concen: 47.614 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

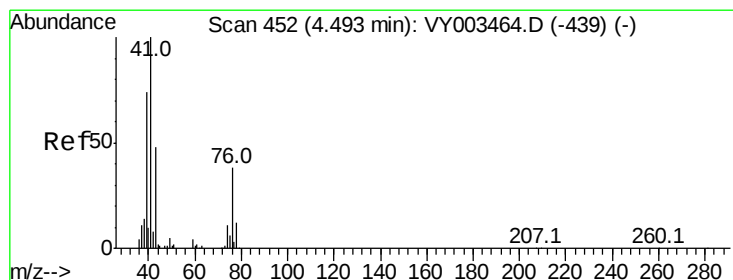
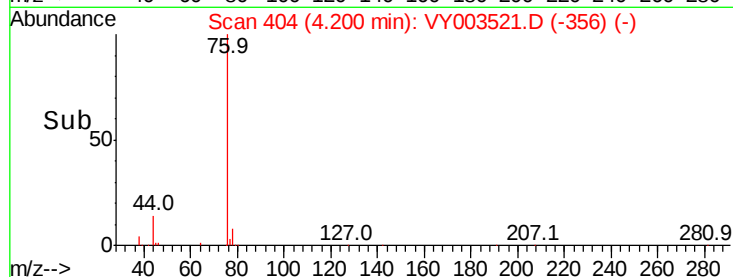
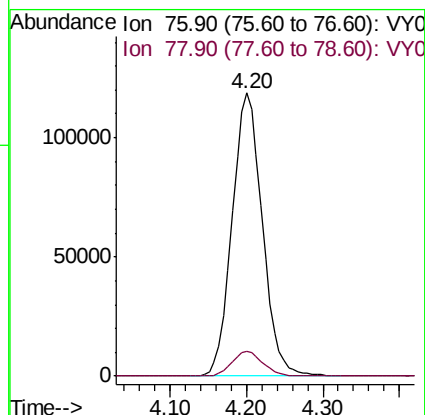
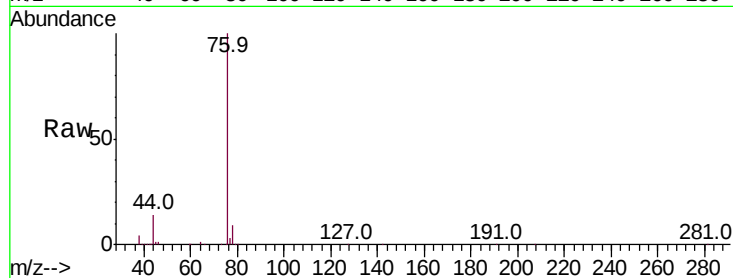
ClientSampled :

Tot Ion: 76 Resp: 324054

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

Methyl Acetate

Concen: 39.337 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003521.D

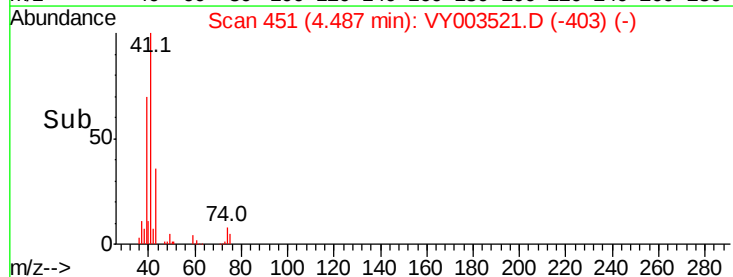
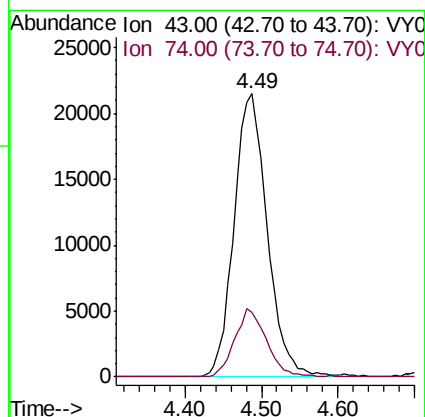
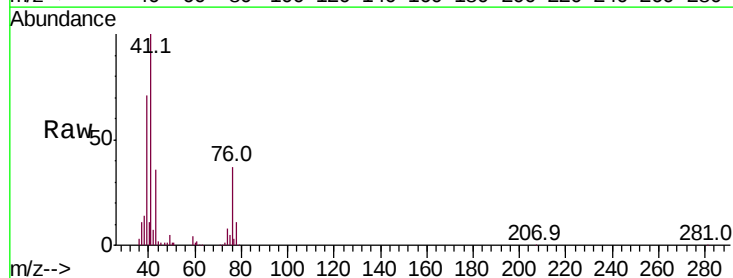
Acq: 05 Nov 2020 16:06

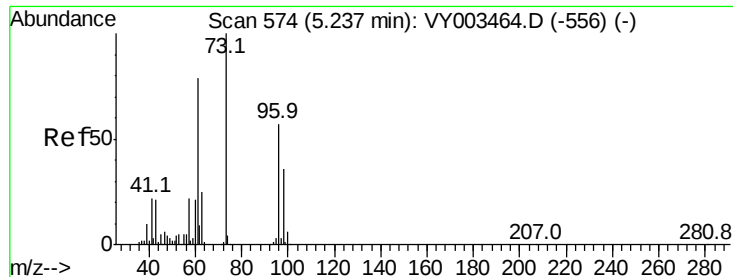
Tgt Ion: 43 Resp: 64716

Ion Ratio Lower Upper

43 100

74 23.0 18.4 27.6

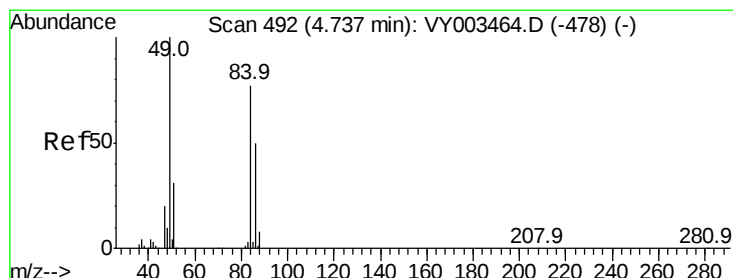
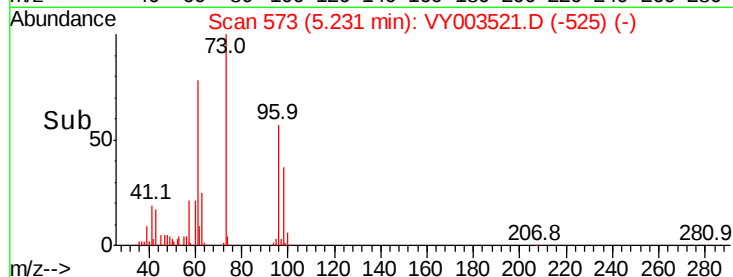
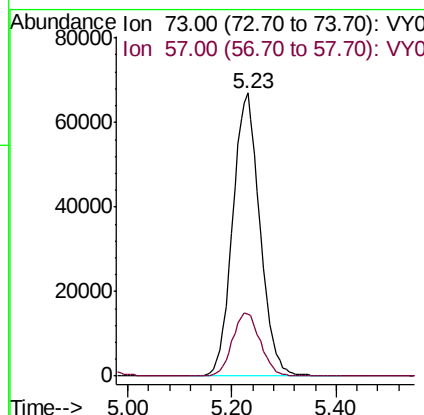
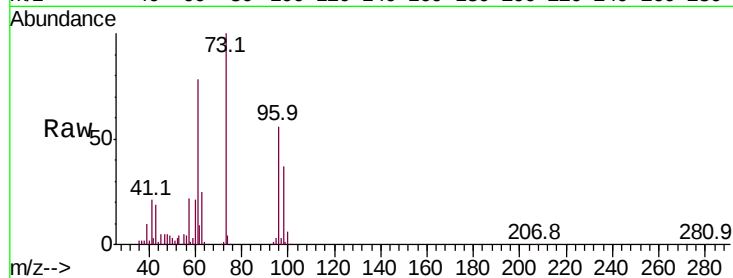




#19
Methyl tert-butyl Ether
Concen: 46.585 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

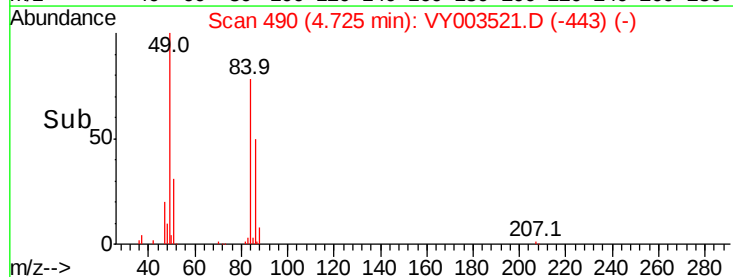
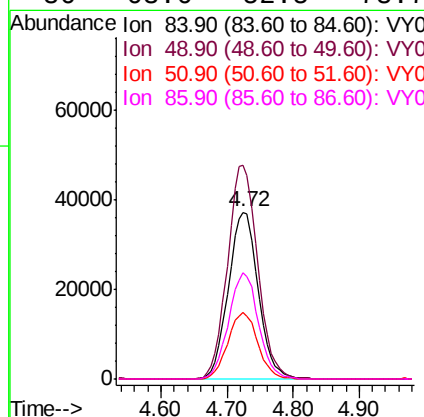
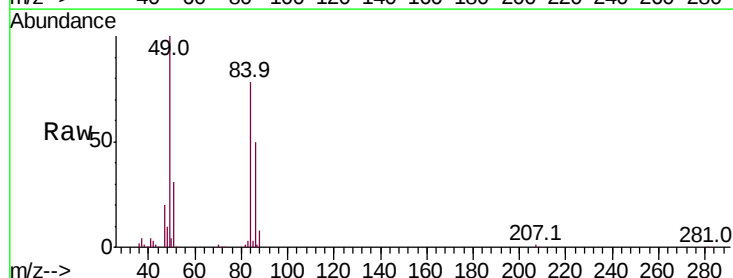
Instrument :
MSVOA_Y
ClientSampleId :

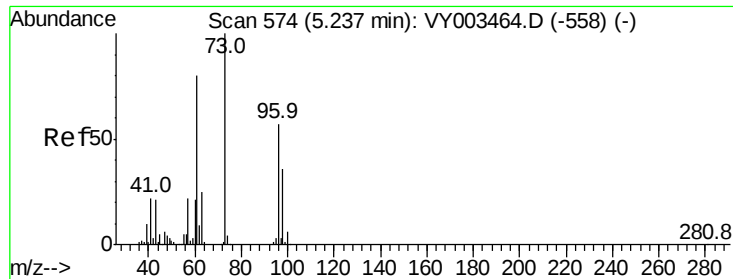
Tot Ion: 73 Resp: 242402
Ion Ratio Lower Upper
73 100
57 22.0 17.2 25.8



#20
Methylene Chloride
Concen: 47.519 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion: 84 Resp: 116504
Ion Ratio Lower Upper
84 100
49 128.3 104.3 156.5
51 39.8 32.5 48.7
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.092 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

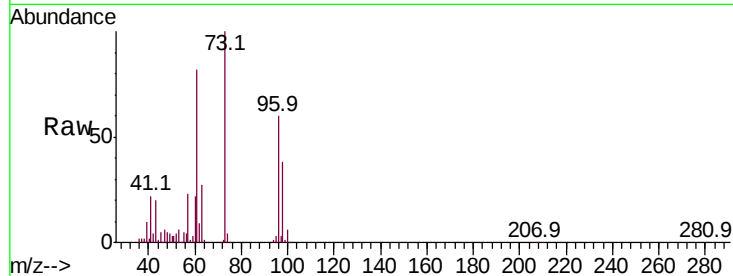
Tot Ion: 96 Resp: 119423

Ion Ratio Lower Upper

96 100

61 138.4 111.3 166.9

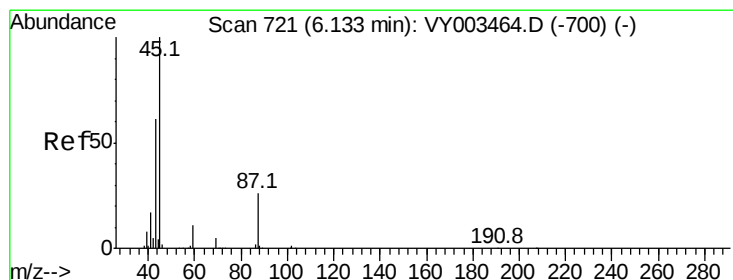
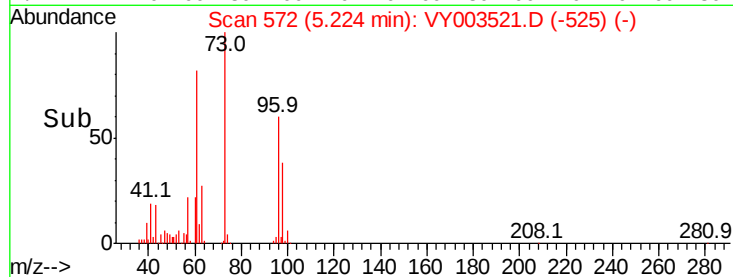
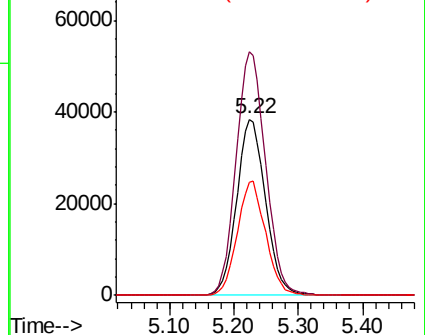
98 64.2 50.3 75.5



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: 50.316 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Tgt Ion: 45 Resp: 338256

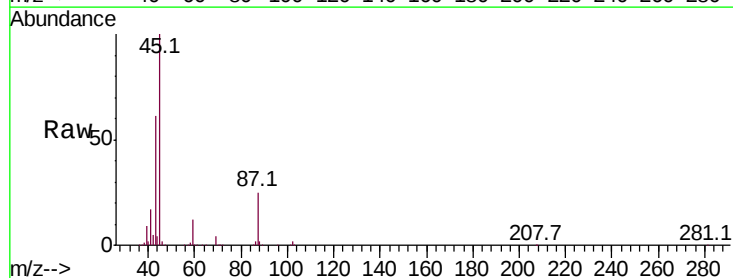
Ion Ratio Lower Upper

45 100

43 60.8 48.8 73.2

87 25.1 20.6 31.0

59 11.6 9.0 13.4

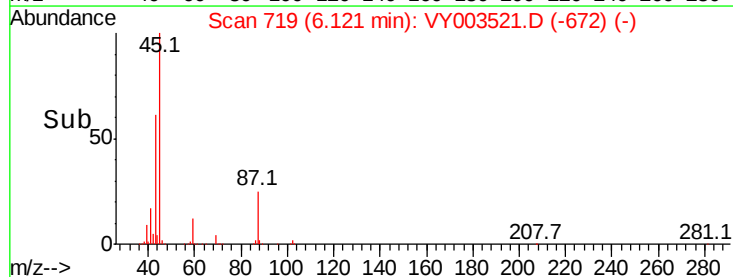
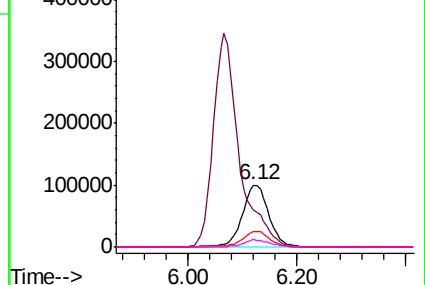


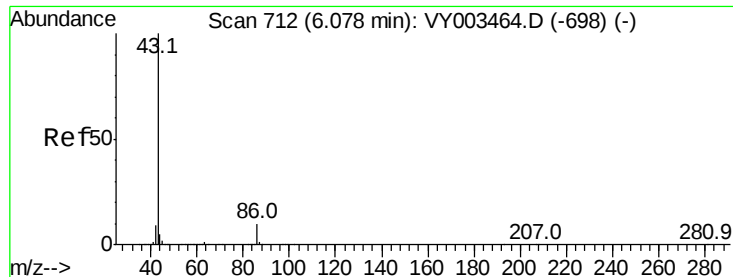
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 225.087 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

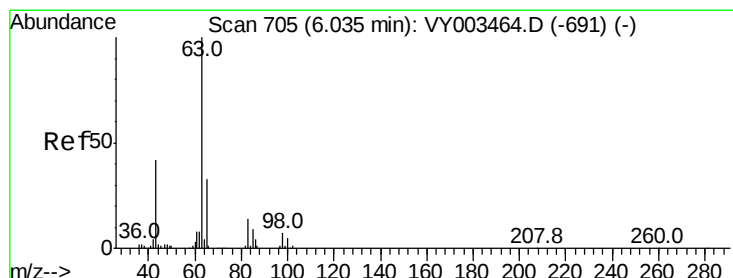
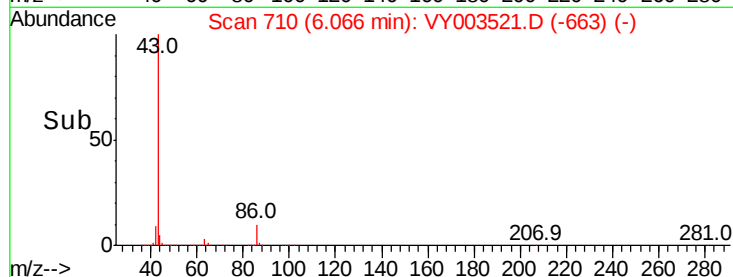
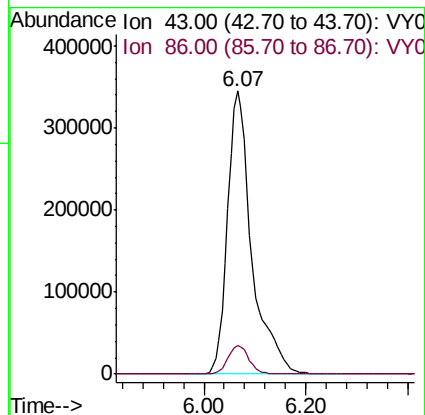
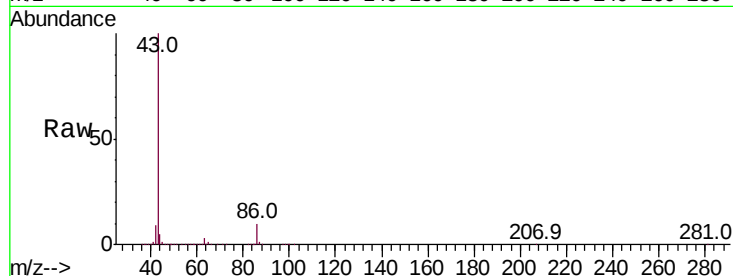
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1137102

Ion Ratio Lower Upper

43 100

86 10.1 8.2 12.2



#24

1,1-Dichloroethane

Concen: 50.069 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

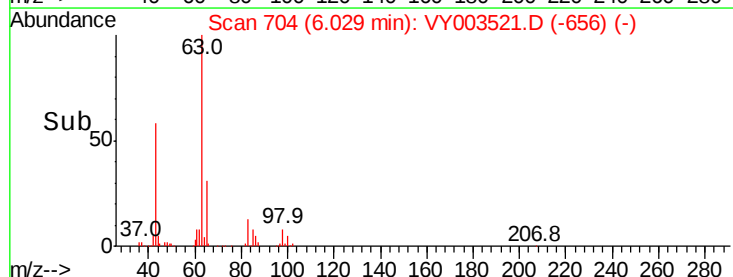
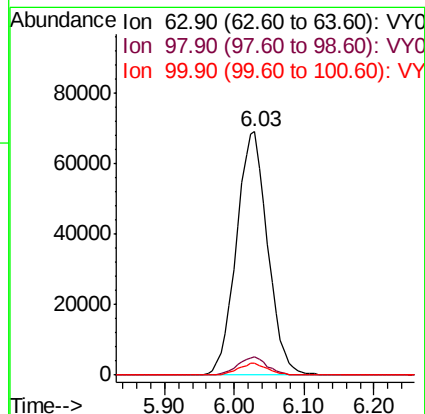
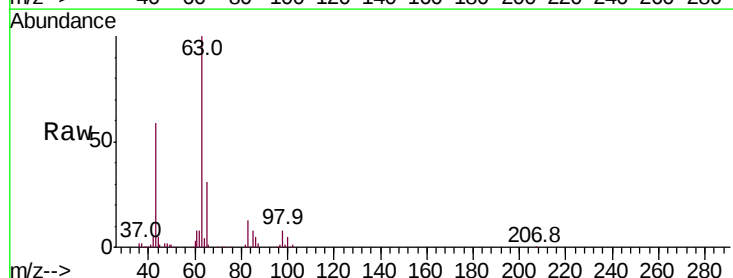
Tgt Ion: 63 Resp: 213892

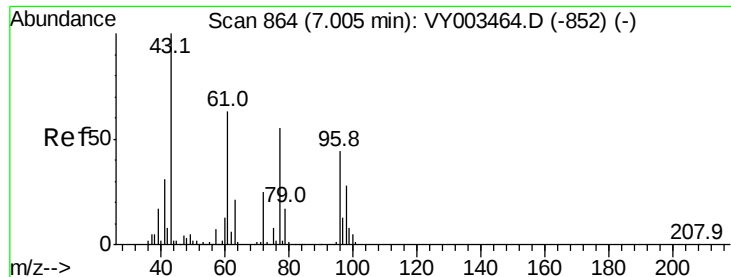
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 186.480 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

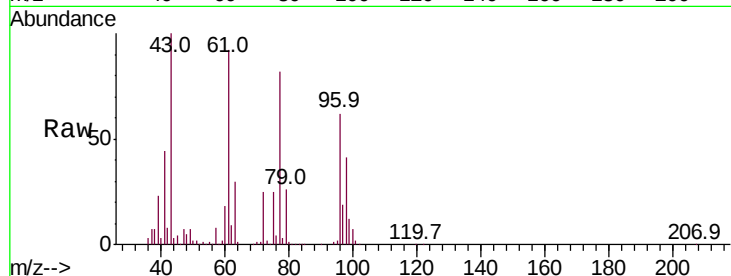
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 203045

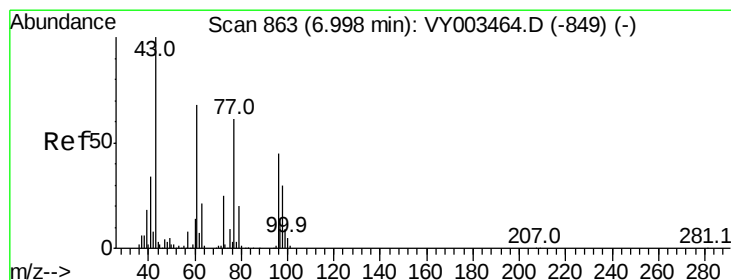
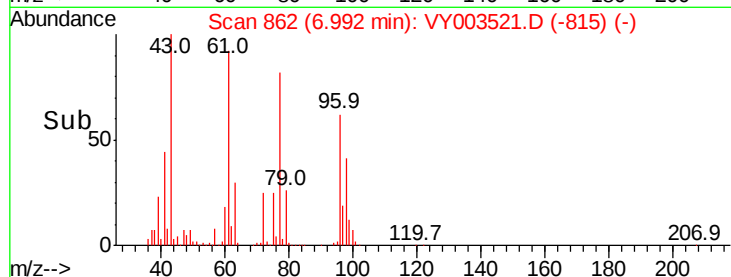
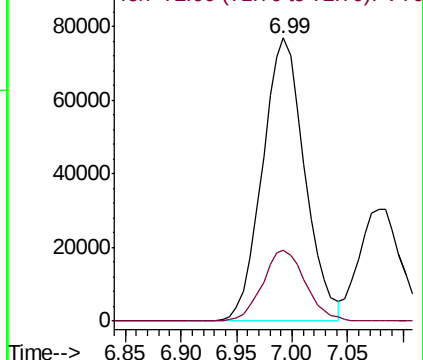
Ion Ratio Lower Upper

43 100

72 25.2 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.720 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003521.D

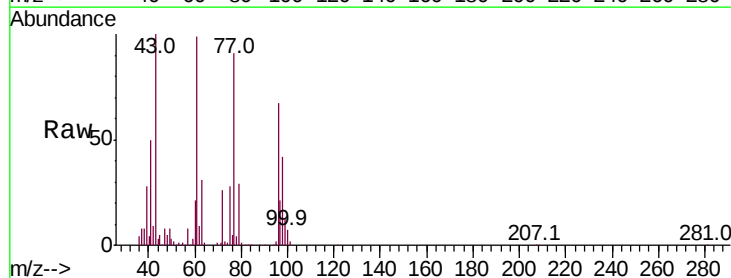
Acq: 05 Nov 2020 16:06

Tgt Ion: 77 Resp: 197880

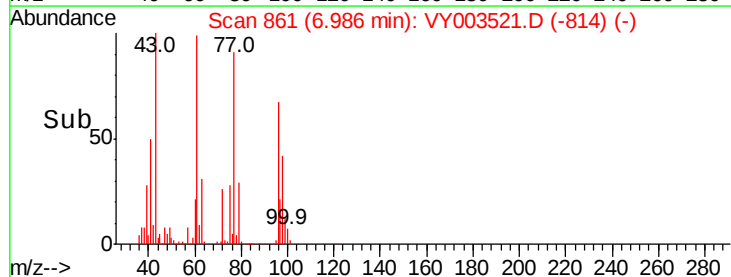
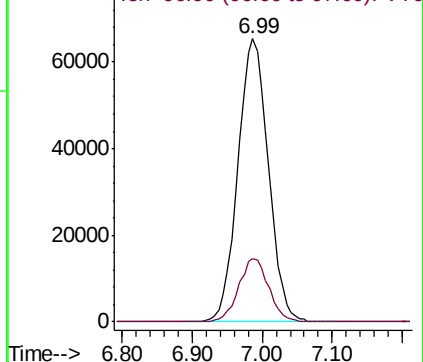
Ion Ratio Lower Upper

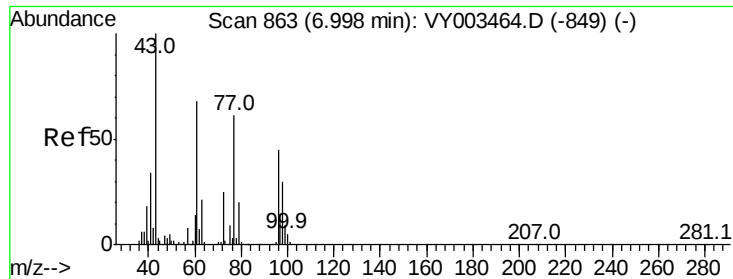
77 100

97 22.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



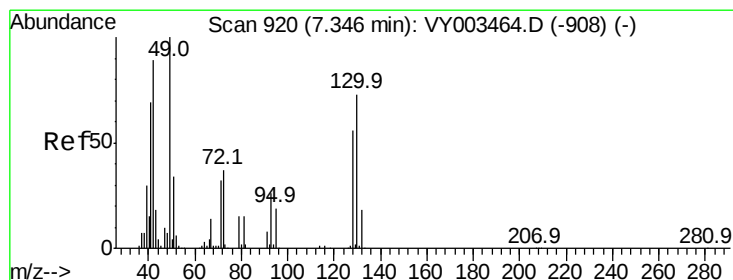
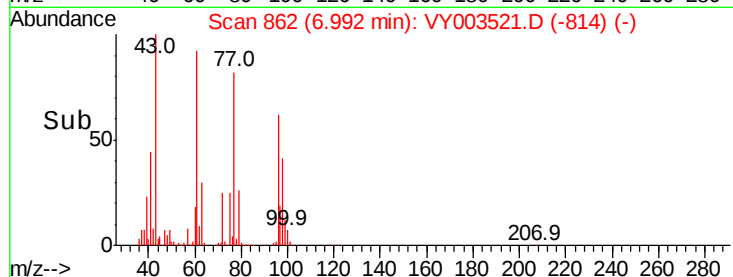
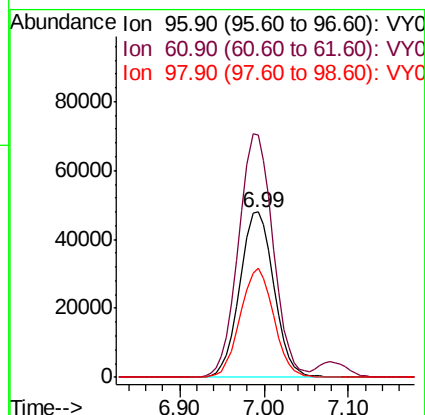
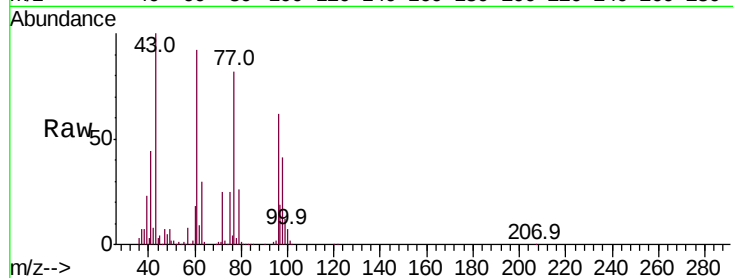


#27

cis-1,2-Dichloroethene
Concen: 50.112 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :

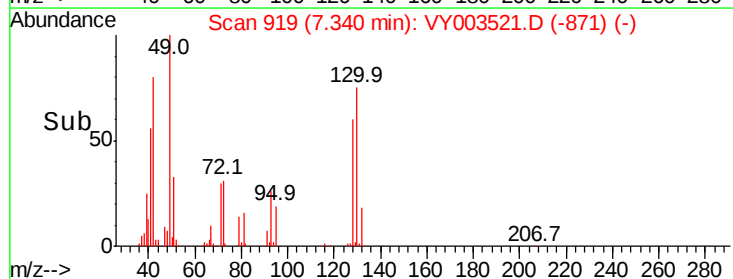
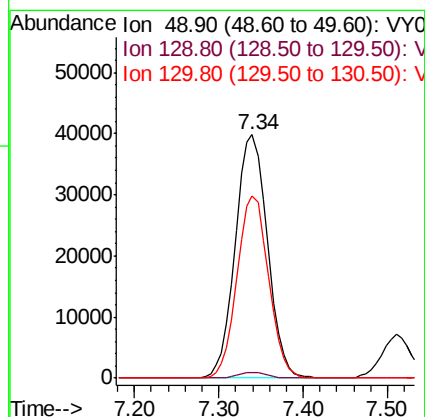
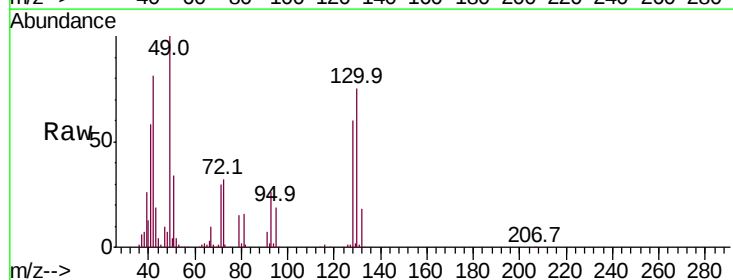
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	299.2
98	64.5	0.0	128.6

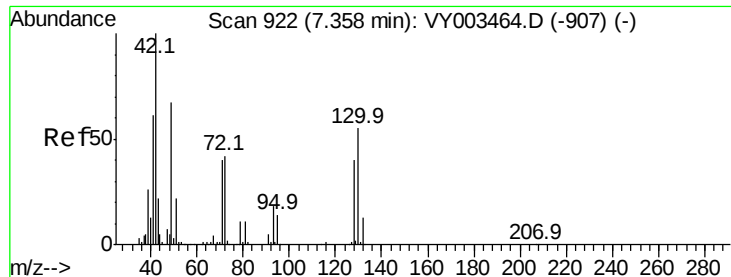


#28

Bromochloromethane
Concen: 47.804 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	73.5	60.0	90.0





#29

Tetrahydrofuran

Concen: 187.825 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :

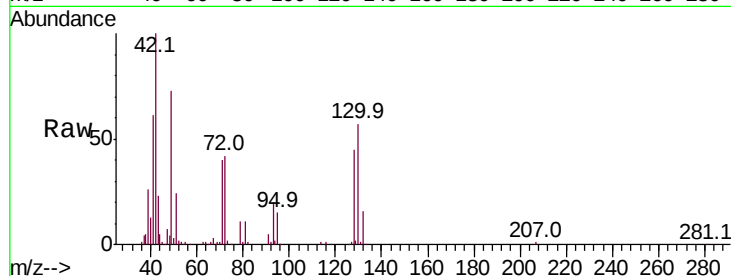
Tot Ion: 42 Resp: 106863

Ion Ratio Lower Upper

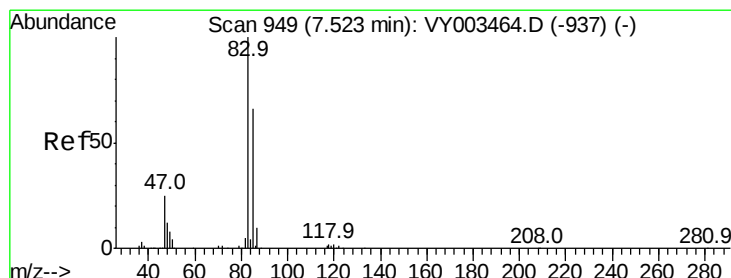
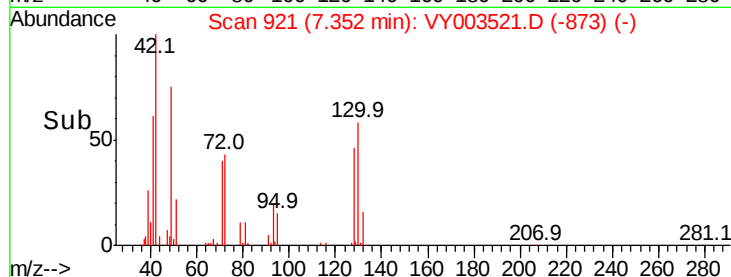
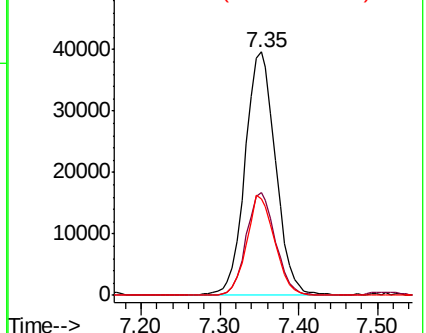
42 100

72 40.2 32.8 49.2

71 37.8 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: 50.311 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003521.D

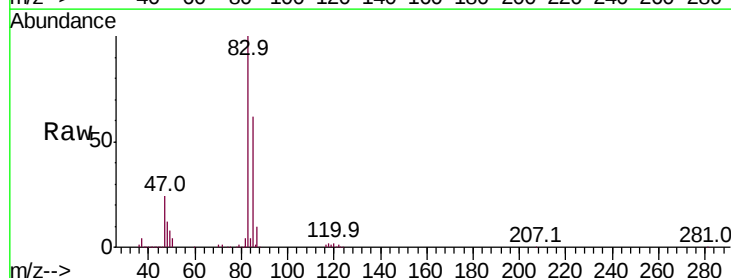
Acq: 05 Nov 2020 16:06

Tgt Ion: 83 Resp: 211102

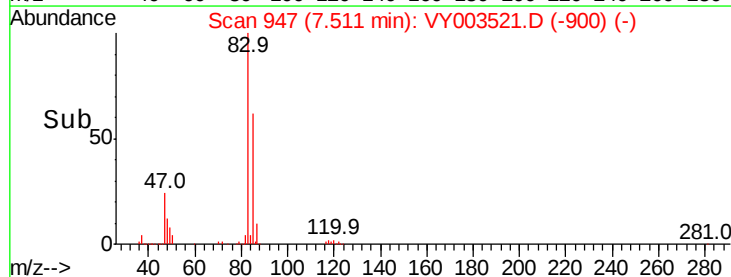
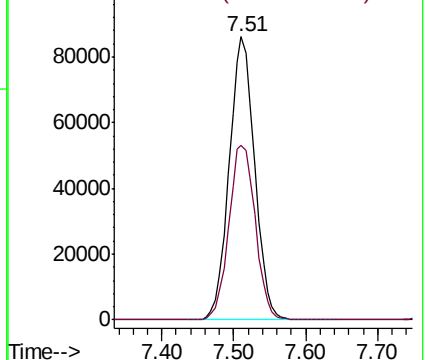
Ion Ratio Lower Upper

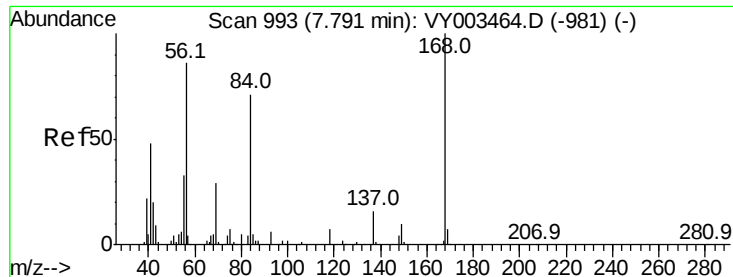
83 100

85 61.6 52.6 79.0



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

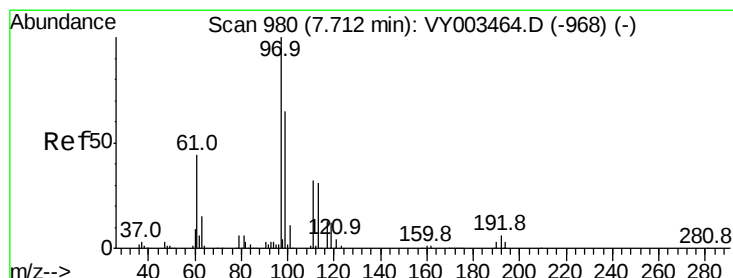
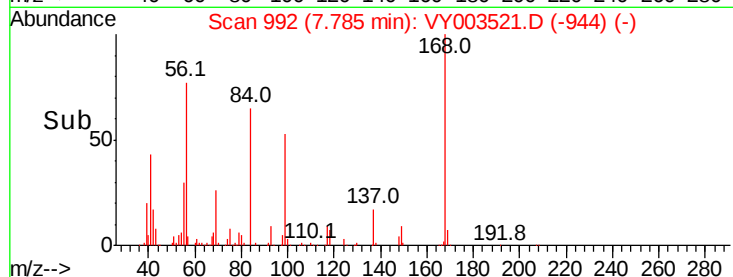
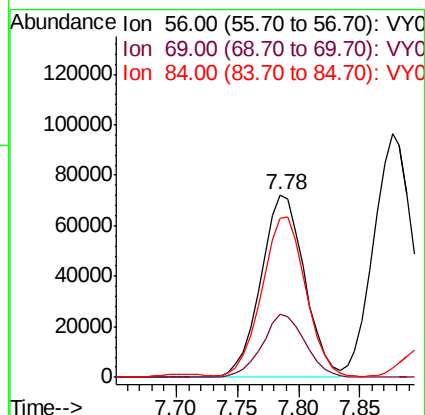
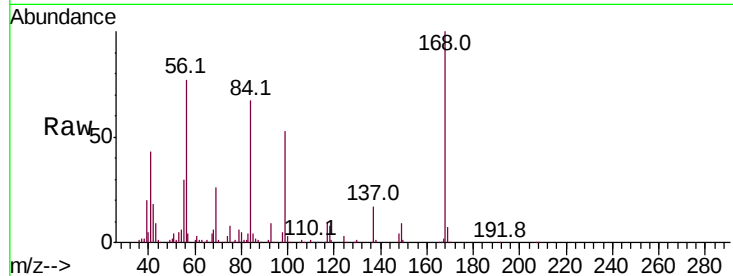




#31
Cyclohexane
Concen: 45.516 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

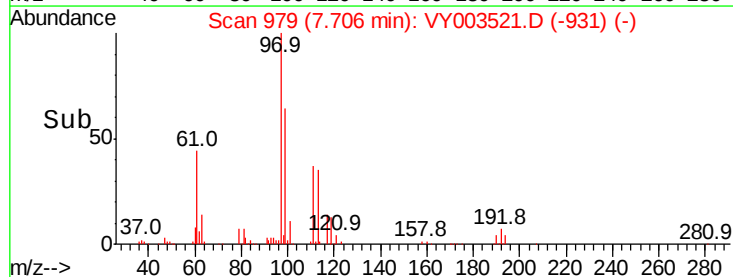
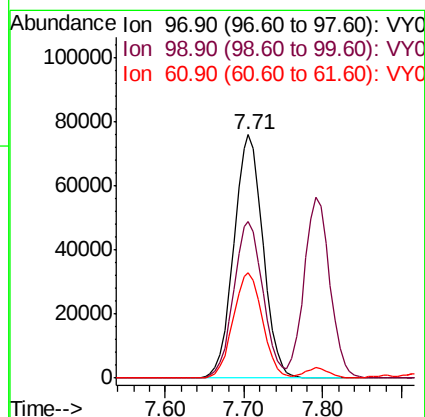
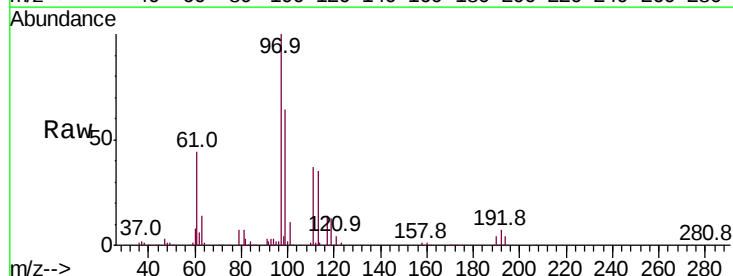
Instrument :
MSVOA_Y
ClientSampled :

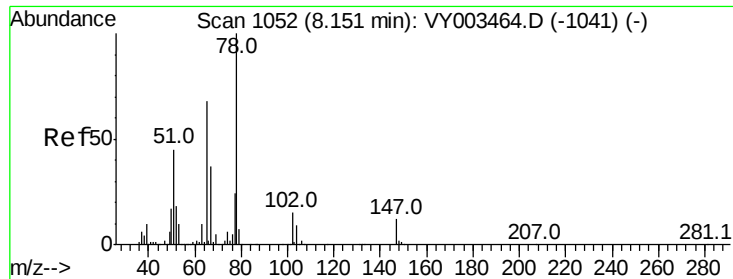
Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	26.6	39.8
84	85.5	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 49.666 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	43.7	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 44.991 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

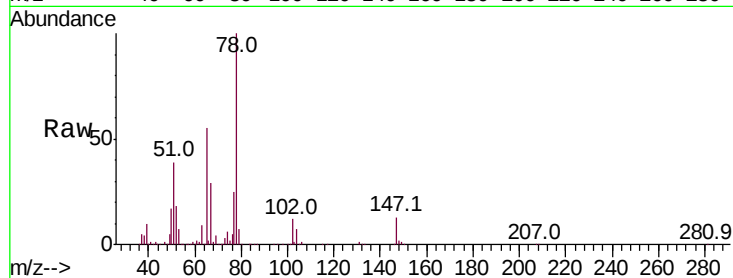
ClientSampled :

Tot Ion: 65 Resp: 118732

Ion Ratio Lower Upper

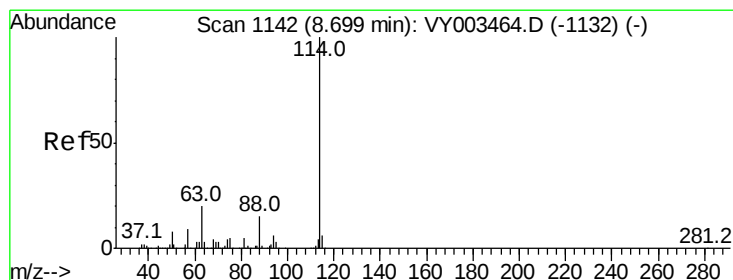
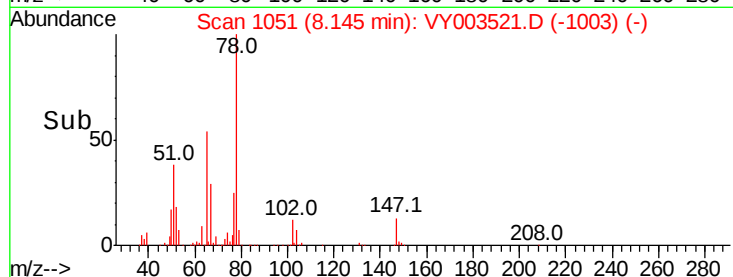
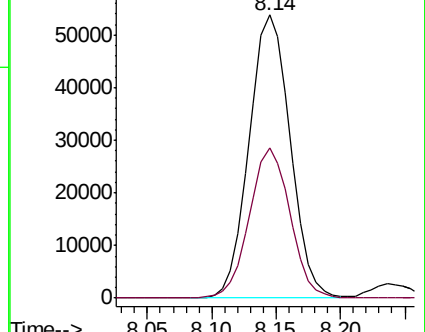
65 100

67 52.5 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

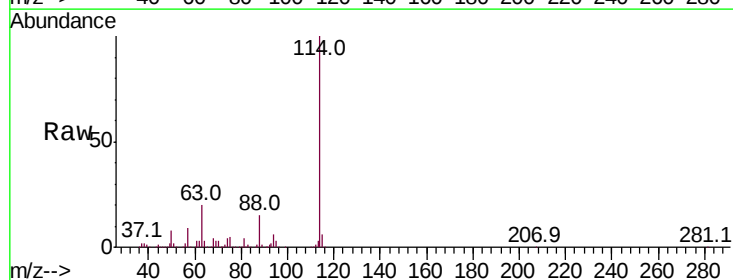
Tgt Ion: 114 Resp: 361858

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

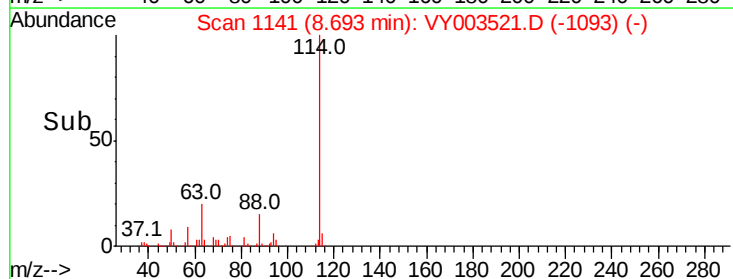
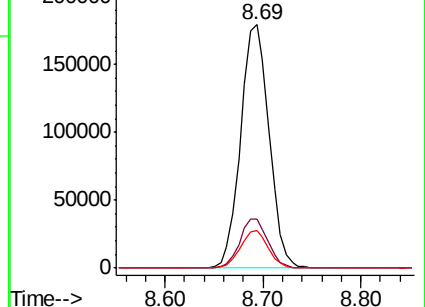
88 15.3 0.0 29.4

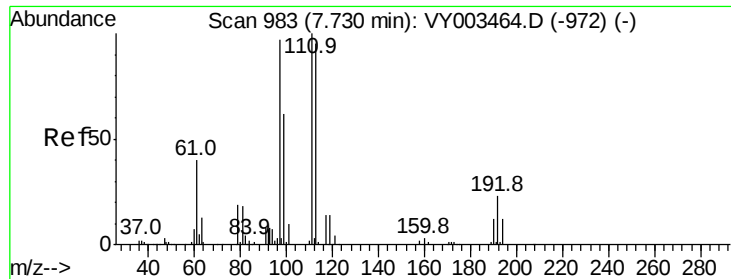


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

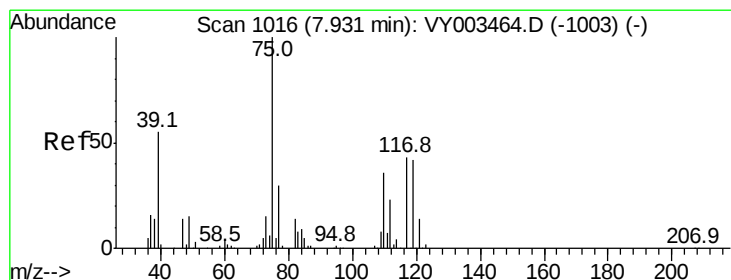
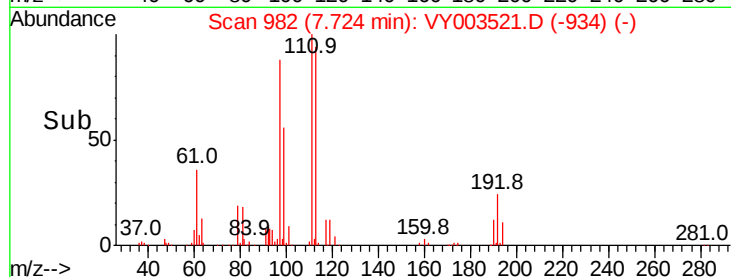
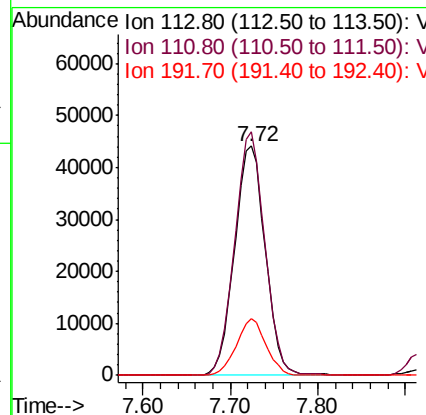
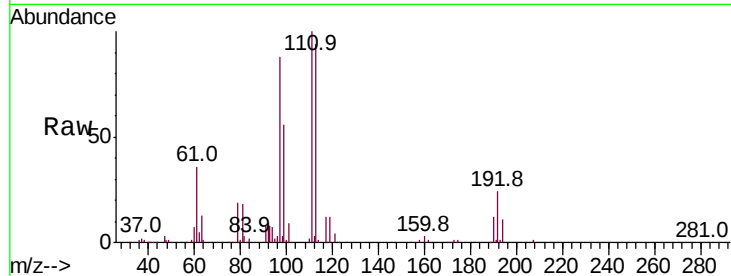




#35
 Dibromofluoromethane
 Concen: 48.999 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

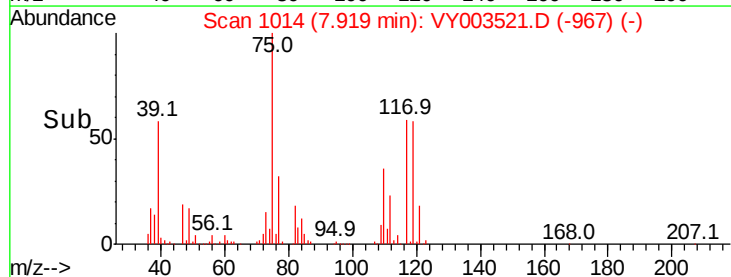
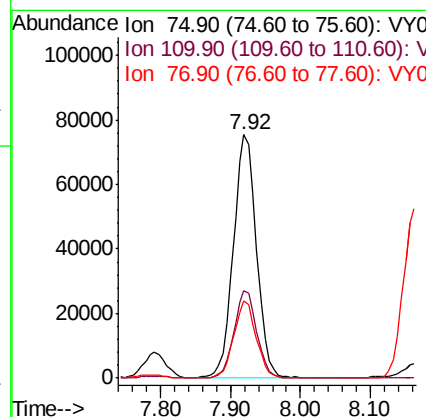
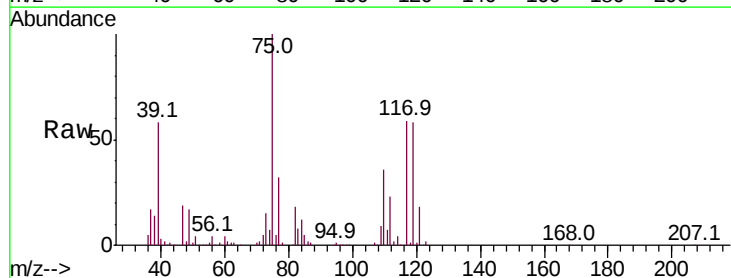
Instrument :
 MSVOA_Y
 ClientSampleId :

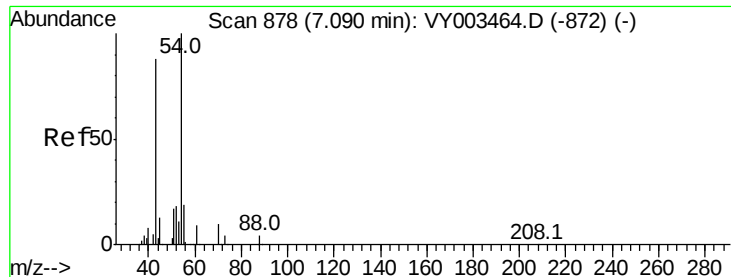
Tot Ion:113 Resp: 107895
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.6
 192 23.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 50.589 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion: 75 Resp: 172598
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.6 52.9
 77 30.9 24.7 37.1

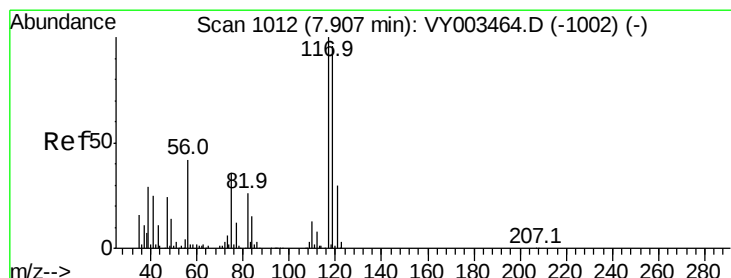
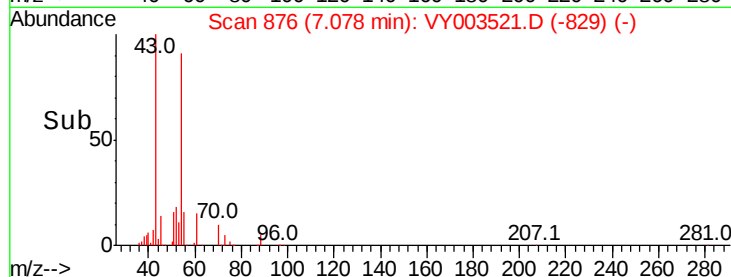
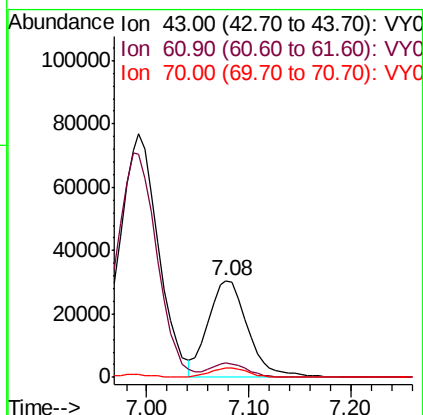
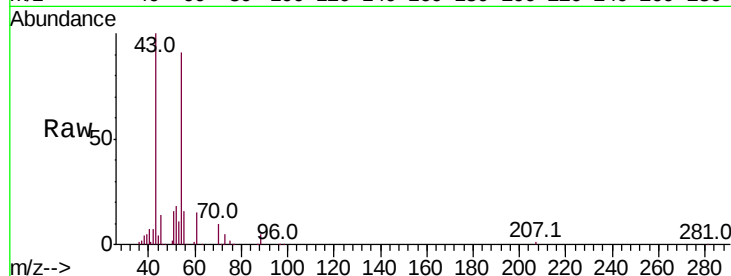




#37
Ethyl Acetate
Concen: 38.763 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

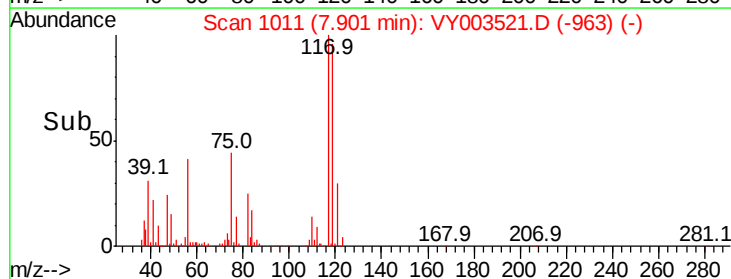
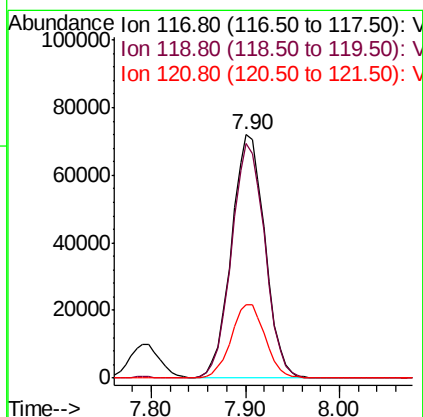
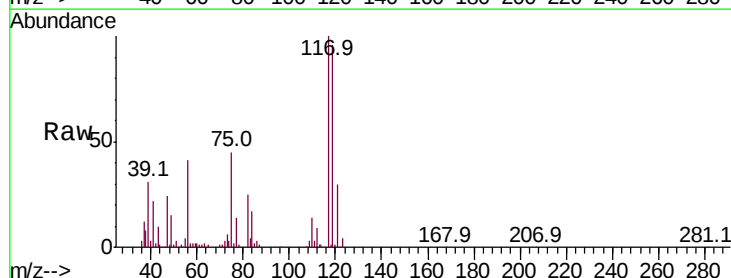
Instrument :
MSVOA_Y
ClientSampled :

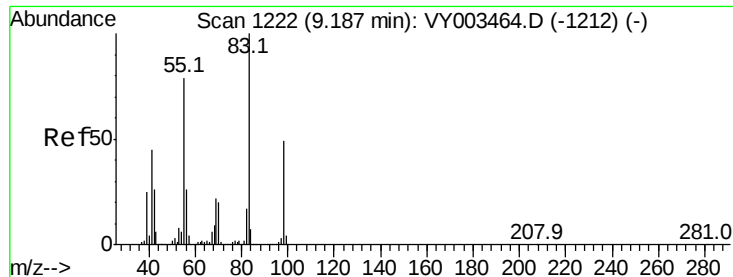
Tot Ion: 43 Resp: 82121
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.356 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion: 117 Resp: 178229
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.4
121 30.4 24.2 36.4

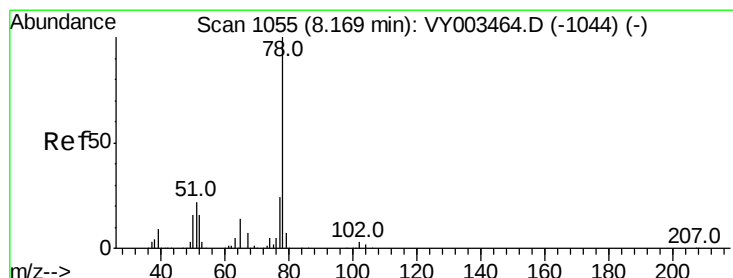
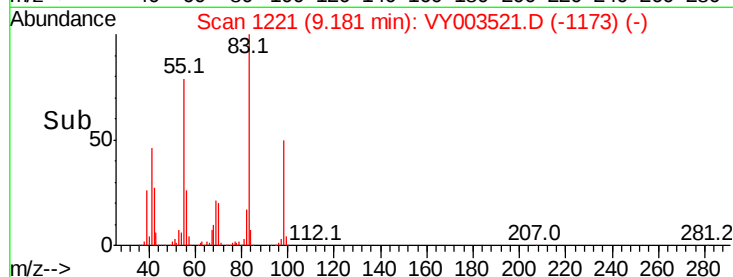
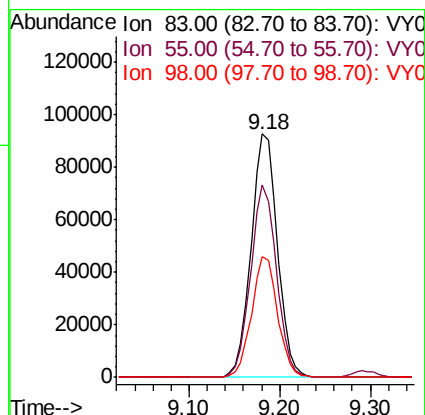
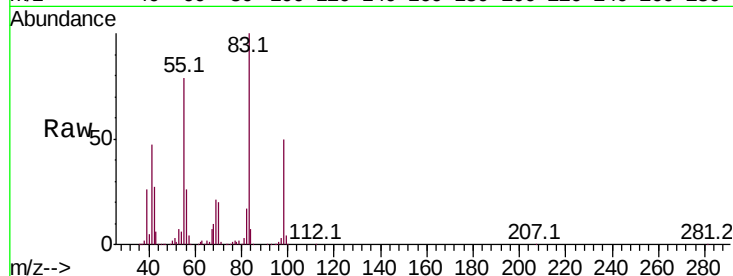




#39
Methvlcvclohexane
Concen: 49.201 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

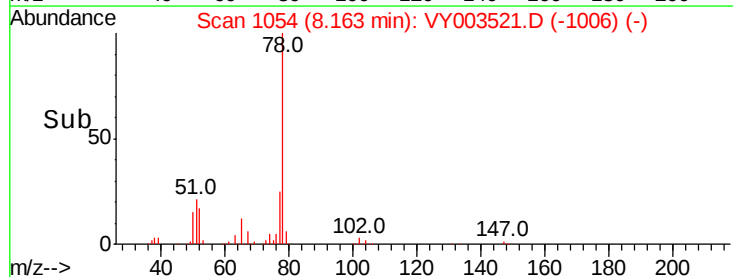
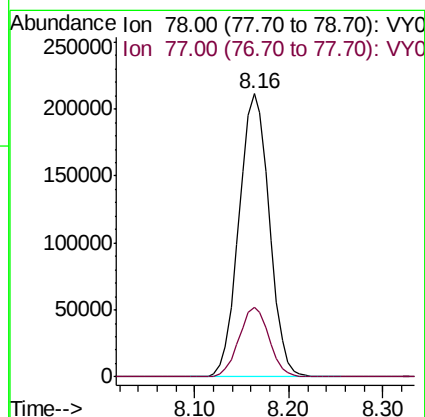
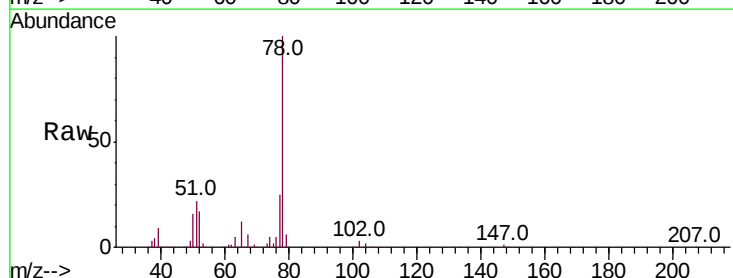
Instrument :
MSVOA_Y
ClientSampleId :

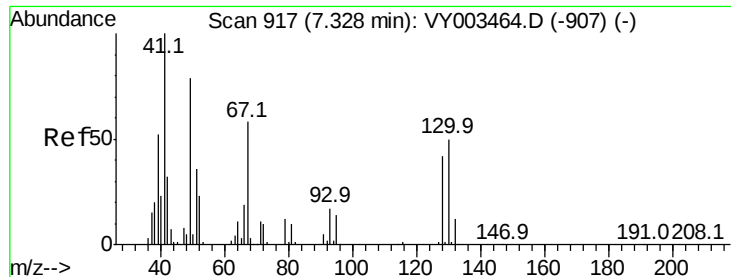
Tot Ion	83	Resp	186911
Ion Ratio	100	Lower	Upper
55	78.9	63.5	95.3
98	49.7	39.4	59.2



#40
Benzene
Concen: 50.218 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	78	Resp	476800
Ion Ratio	100	Lower	Upper
77	24.8	19.4	29.0

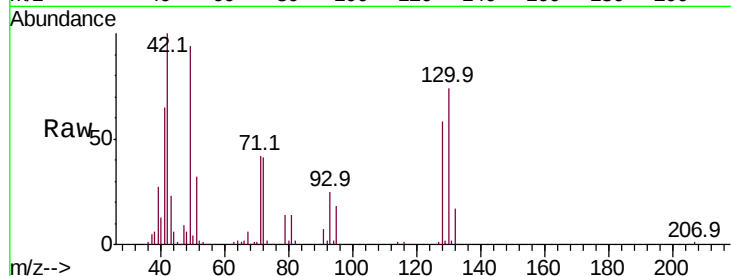




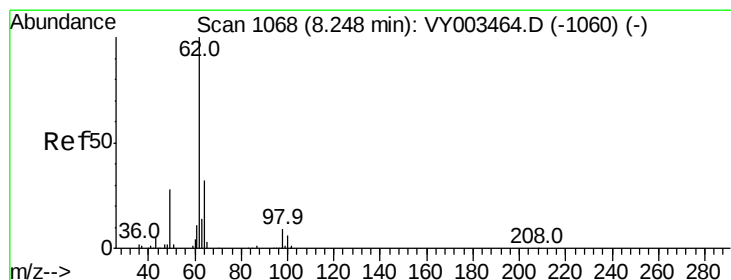
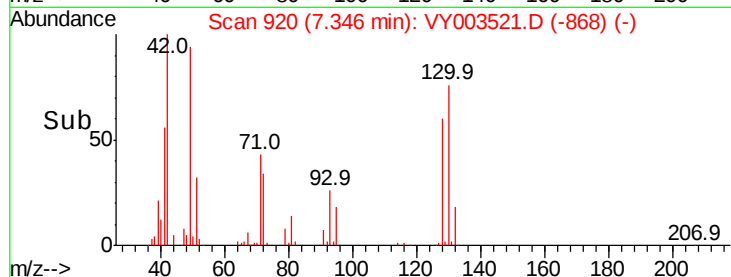
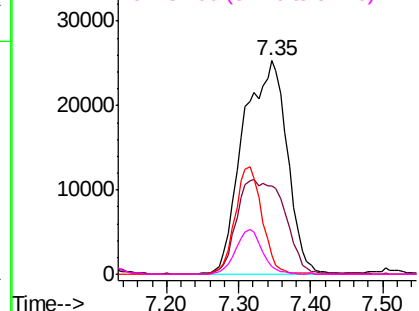
#41
Methacrylonitrile
Concen: 95.186 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	107686
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

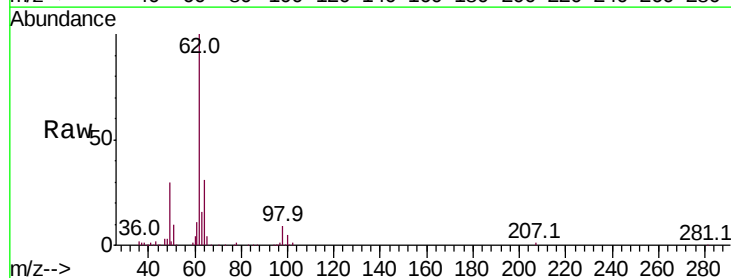


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

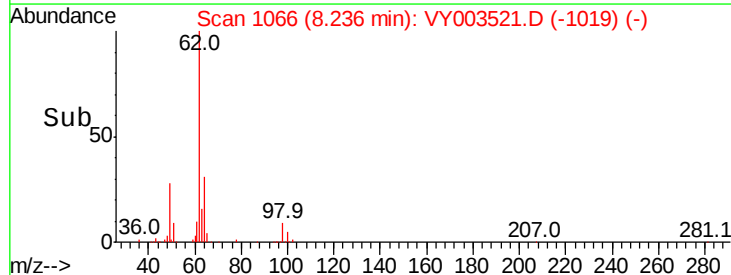
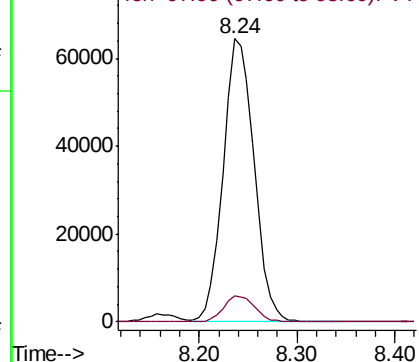


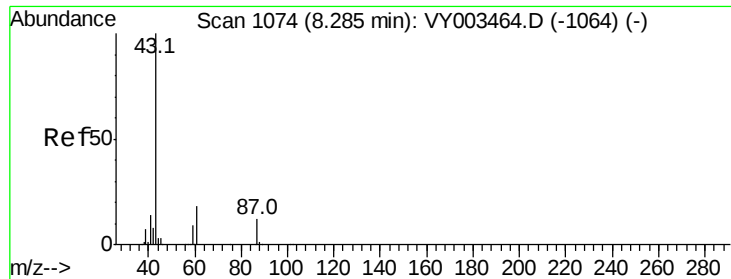
#42
1,2-Dichloroethane
Concen: 47.447 ug/l
RT: 8.24 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion:	62	Resp:	141154
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2



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



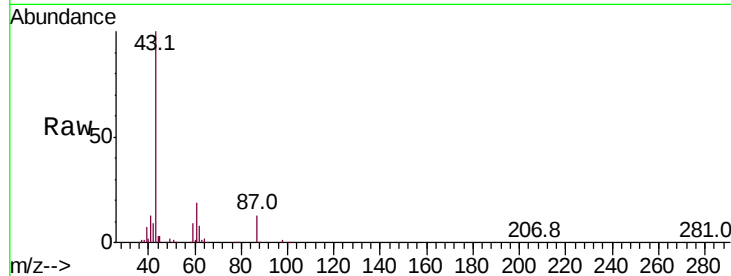


#43

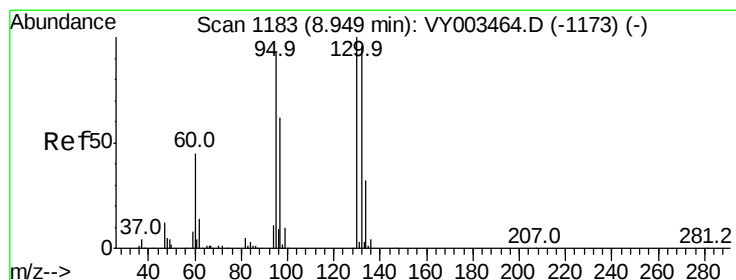
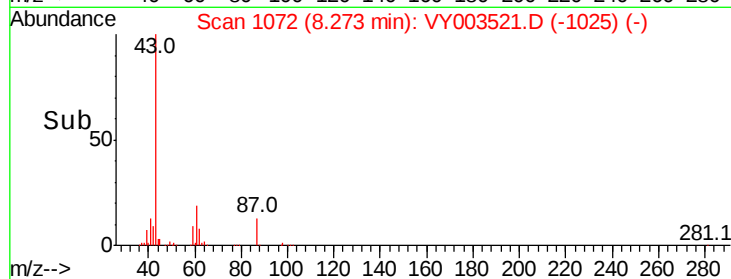
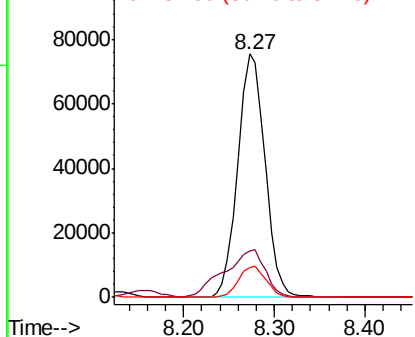
Isopropyl Acetate
 Concen: 41.459 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	21.9	32.9
87	12.9	10.0	15.0



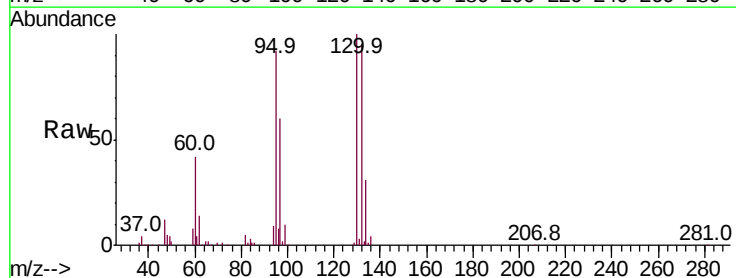
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



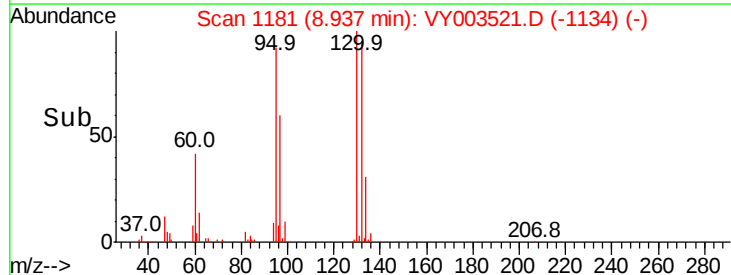
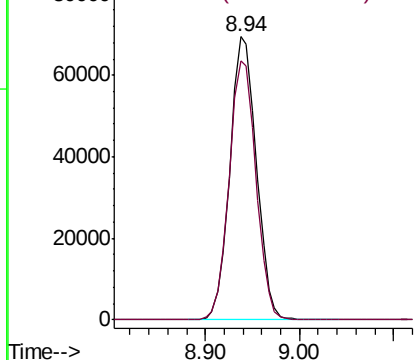
#44

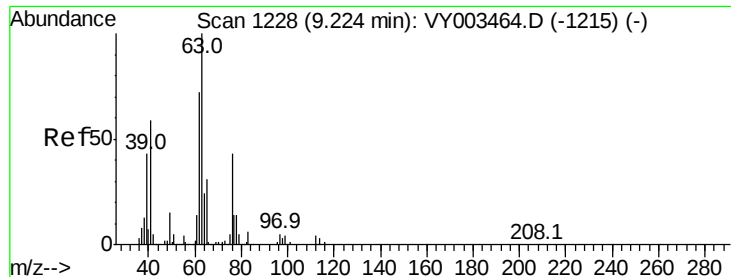
Trichloroethene
 Concen: 50.937 ug/l
 RT: 8.94 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	186.6



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





#45

1,2-Dichloropropane

Concen: 50.196 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

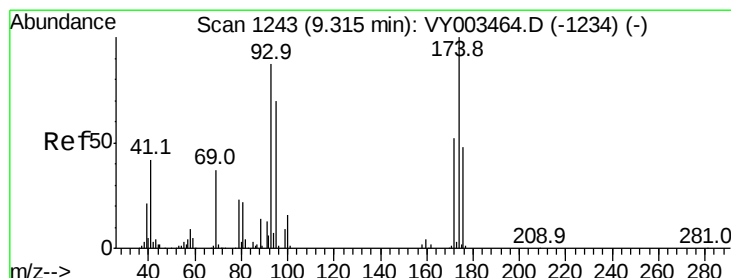
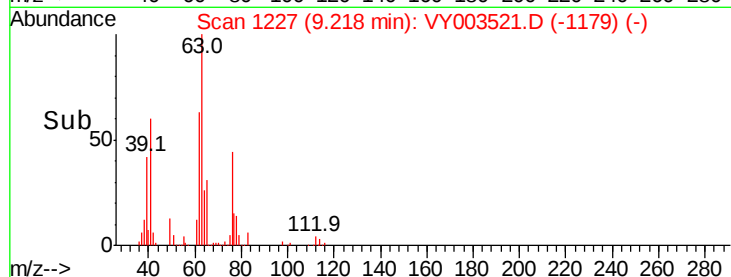
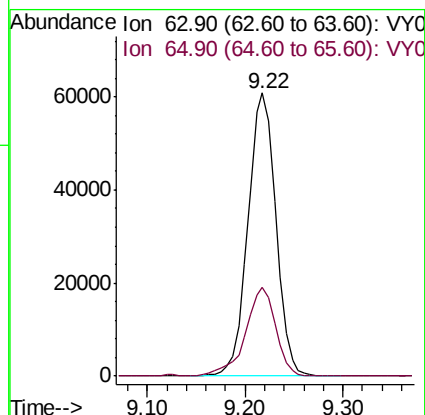
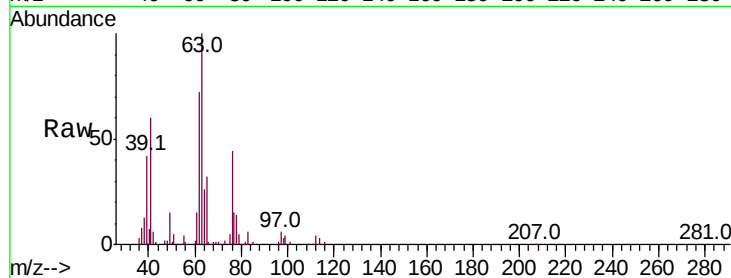
ClientSampleId :

Tot Ion: 63 Resp: 120355

Ion Ratio Lower Upper

63 100

65 31.5 24.6 36.8



#46

Dibromomethane

Concen: 47.068 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

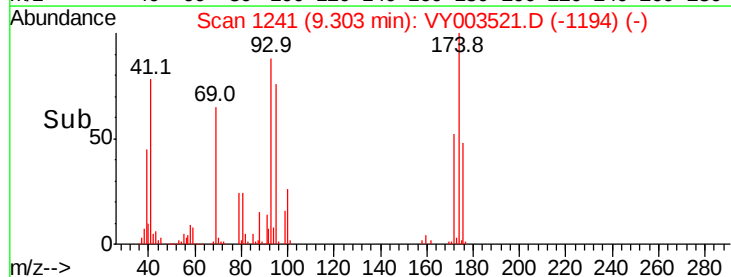
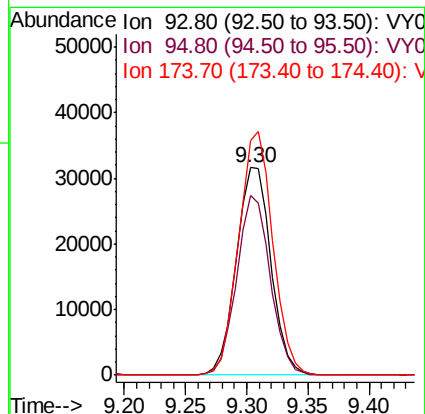
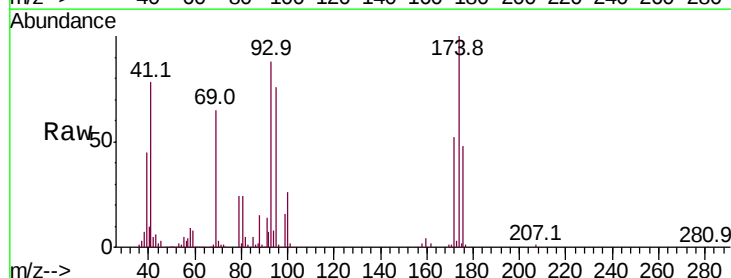
Tgt Ion: 93 Resp: 62089

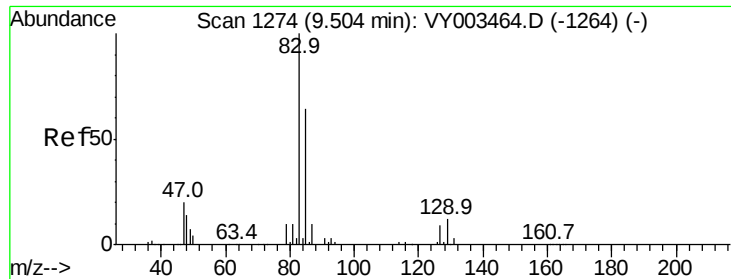
Ion Ratio Lower Upper

93 100

95 84.1 65.0 97.6

174 116.2 91.8 137.6





#47

Bromodichloromethane

Concen: 50.628 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :

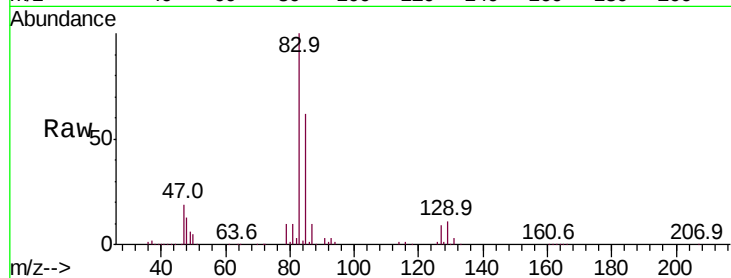
Tot Ion: 83 Resp: 163462

Ion Ratio Lower Upper

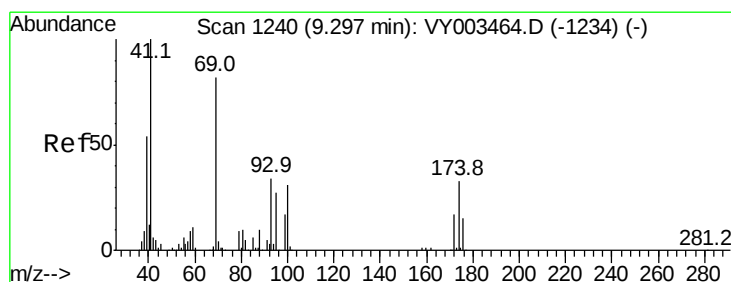
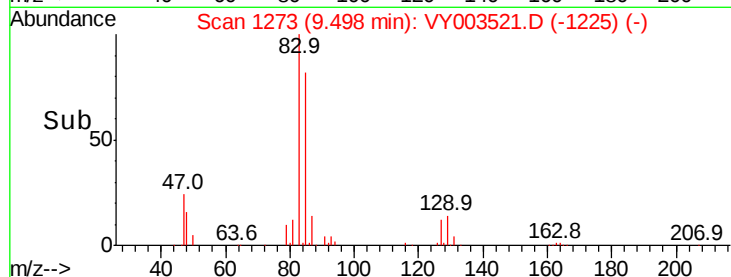
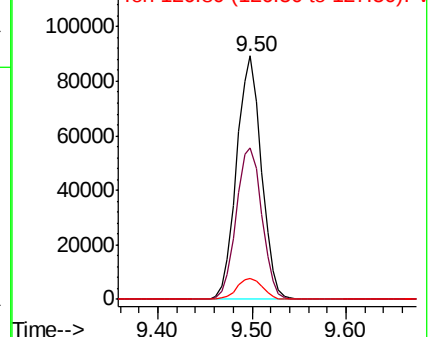
83 100

85 62.0 51.0 76.6

127 8.8 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: 41.798 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

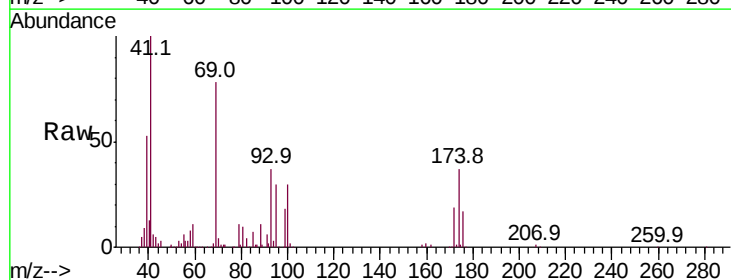
Tgt Ion: 41 Resp: 74966

Ion Ratio Lower Upper

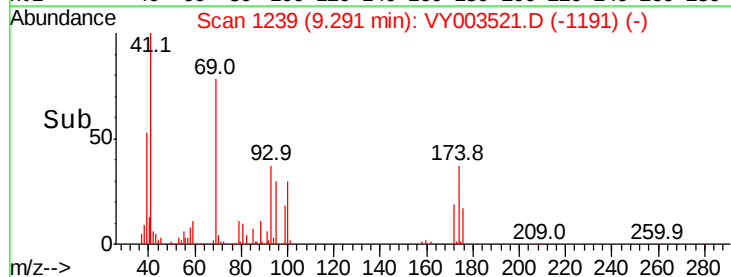
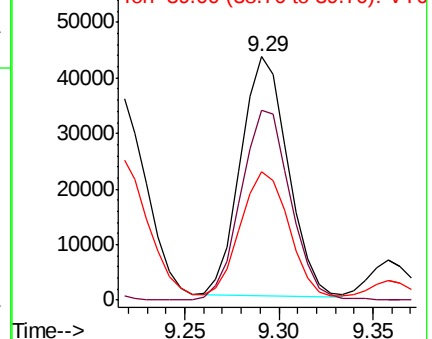
41 100

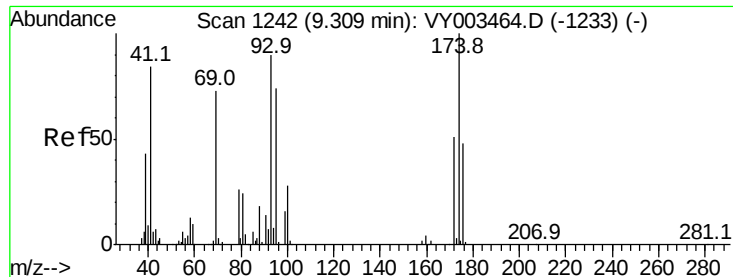
69 83.4 65.9 98.9

39 57.0 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: 786.659 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :

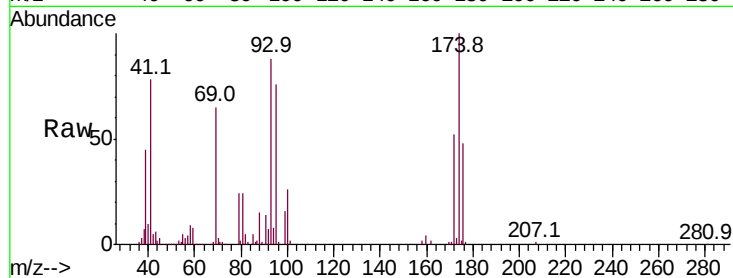
Tot Ion: 88 Resp: 12948

Ion Ratio Lower Upper

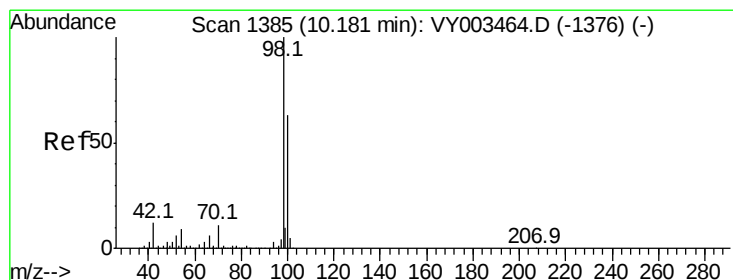
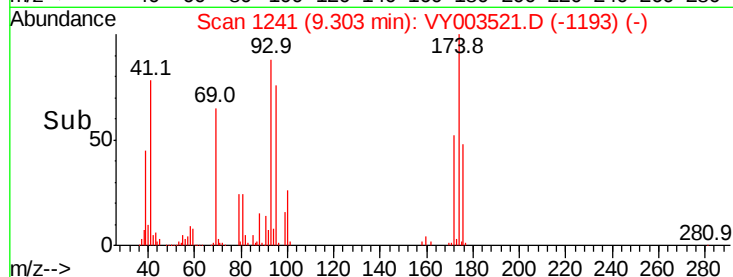
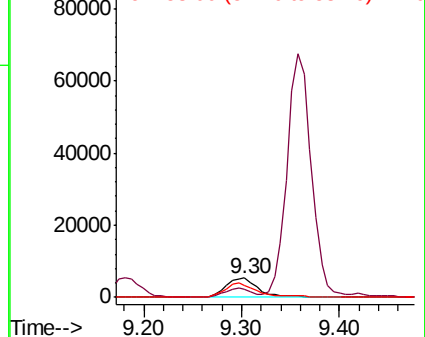
88 100

43 35.7 27.6 41.4

58 67.6 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: 48.121 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003521.D

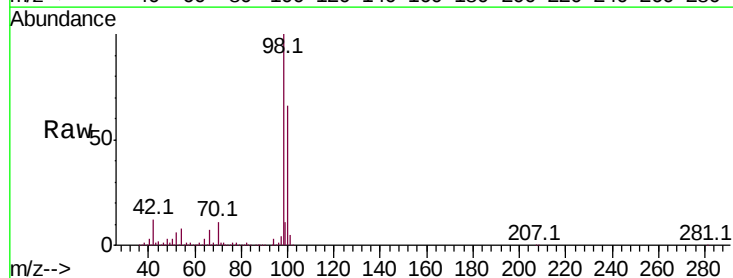
Acq: 05 Nov 2020 16:06

Tgt Ion: 98 Resp: 440816

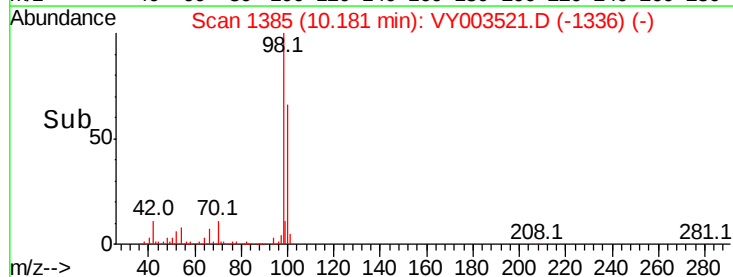
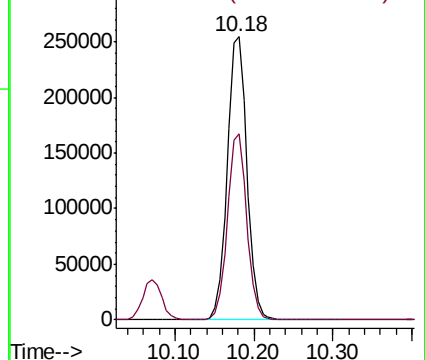
Ion Ratio Lower Upper

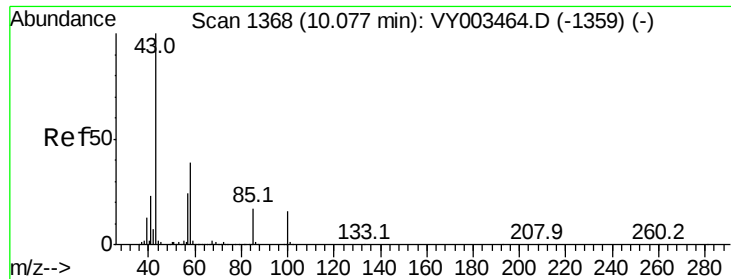
98 100

100 64.5 50.9 76.3



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

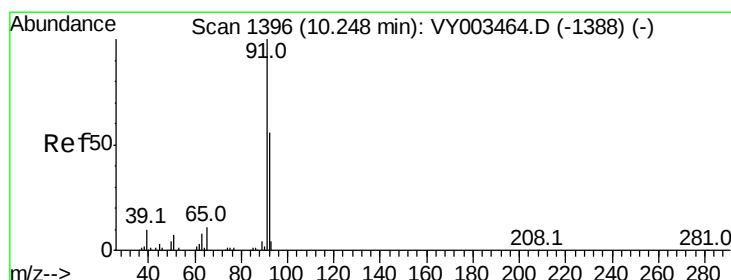
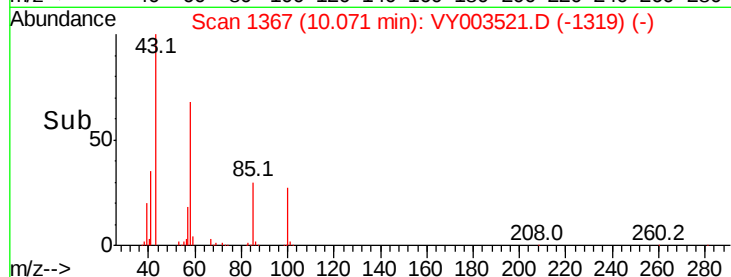
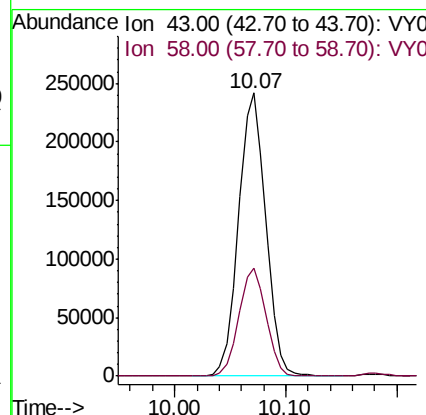
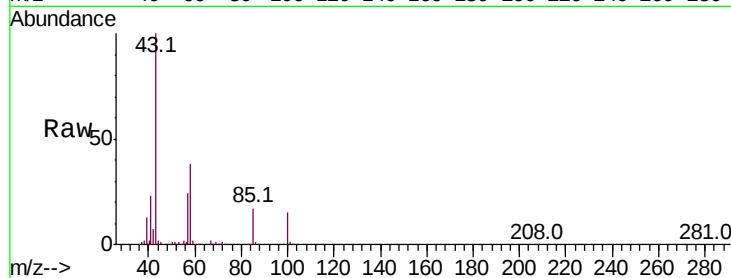




#51
 4-Methyl-2-Pentanone
 Concen: 201.102 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

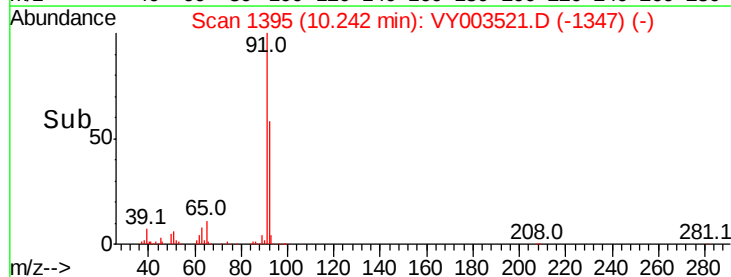
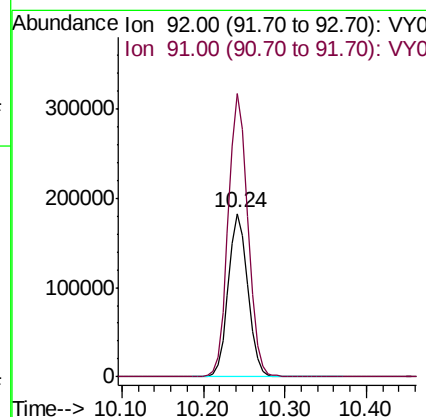
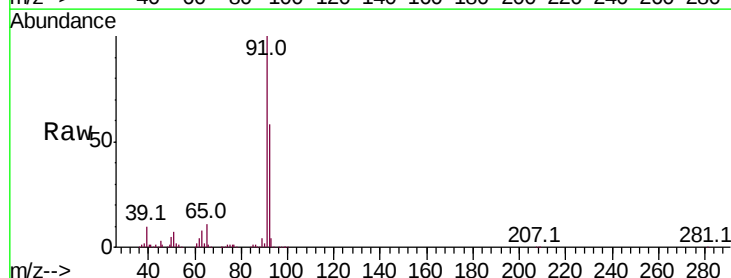
Instrument :
 MSVOA_Y
 ClientSampled :

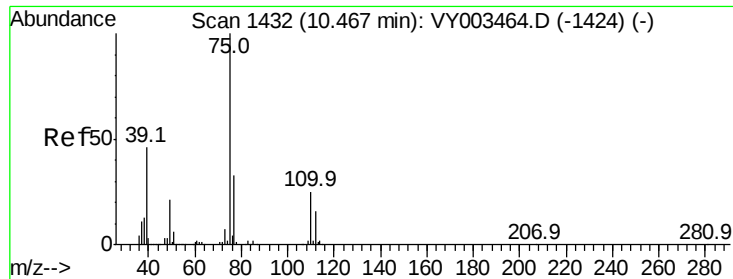
Tot Ion: 43 Resp: 407952
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.0 46.4



#52
 Toluene
 Concen: 50.900 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion: 92 Resp: 302272
 Ion Ratio Lower Upper
 92 100
 91 174.8 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 48.375 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

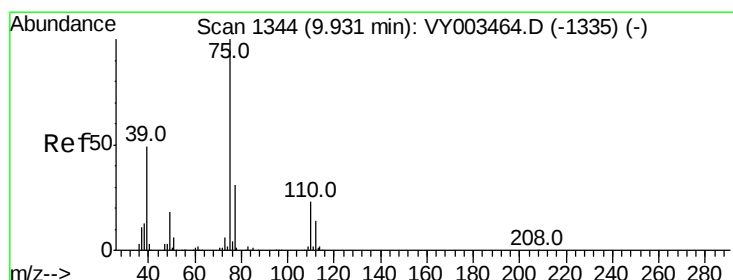
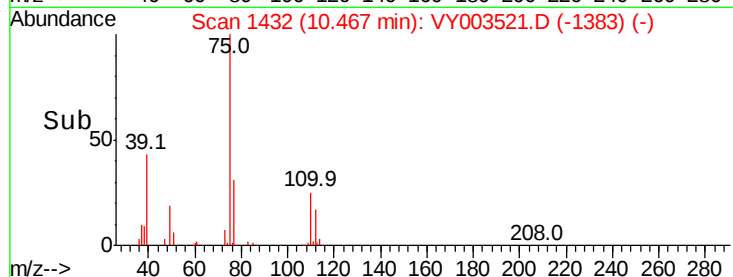
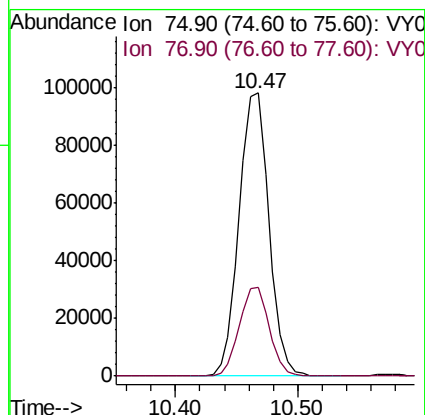
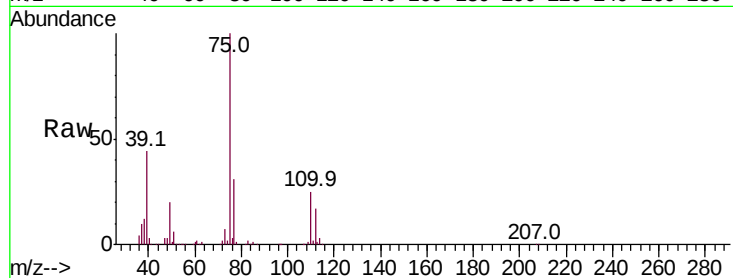
ClientSampled :

Tot Ion: 75 Resp: 166214

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 50.170 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

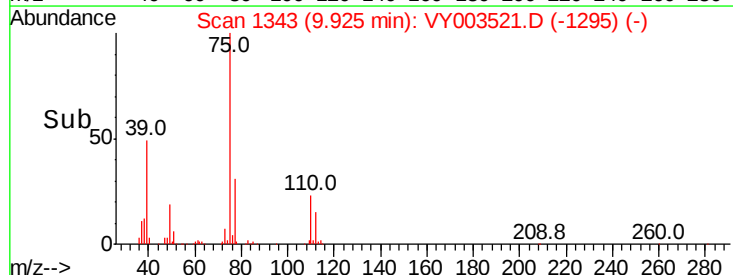
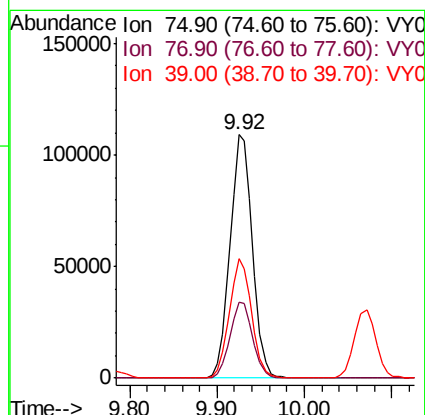
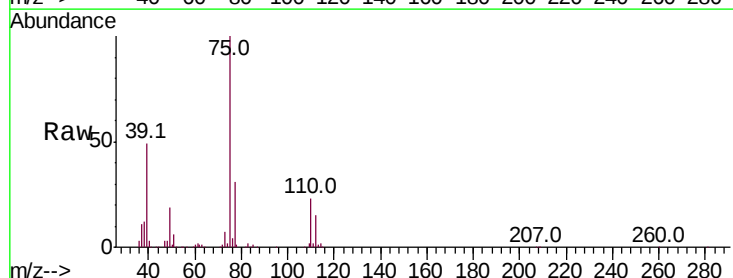
Tgt Ion: 75 Resp: 193979

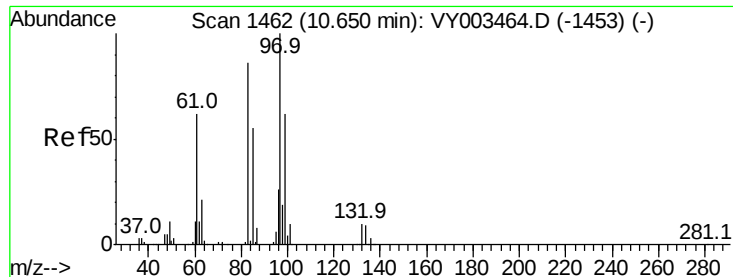
Ion Ratio Lower Upper

75 100

77 31.0 24.5 36.7

39 49.2 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 47.589 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 89114

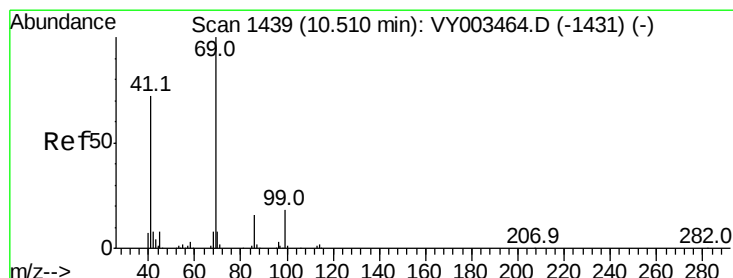
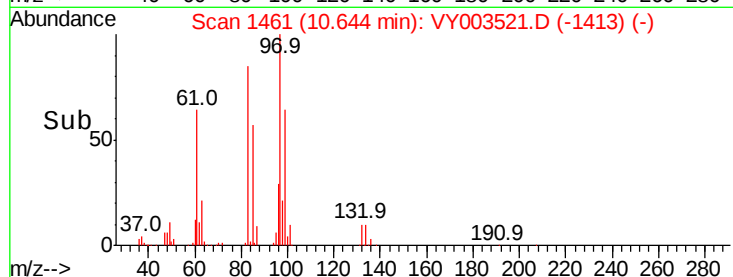
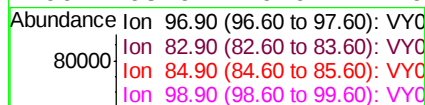
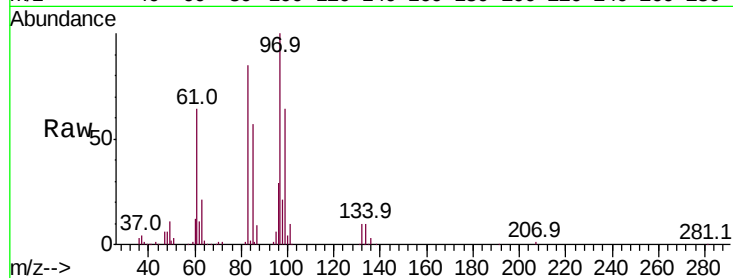
Ion Ratio Lower Upper

97 100

83 84.6 68.6 102.8

85 56.9 43.8 65.6

99 63.6 49.9 74.9



#56

Ethyl methacrylate

Concen: 45.856 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

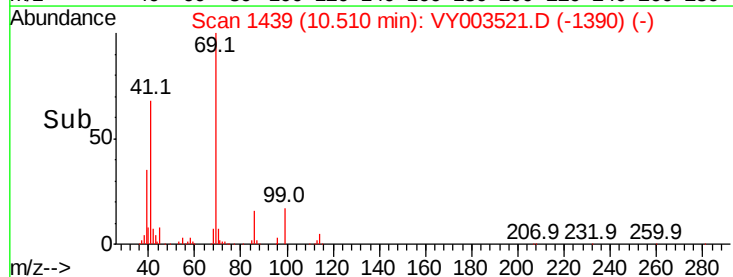
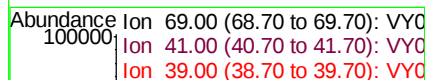
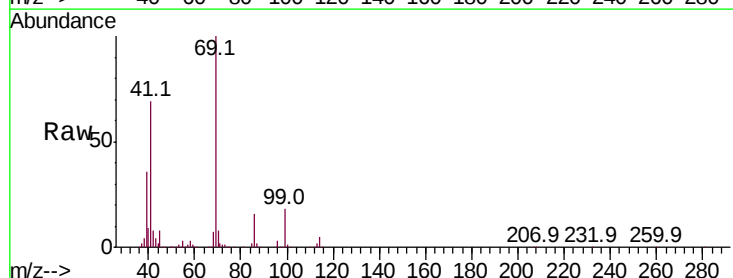
Tgt Ion: 69 Resp: 115016

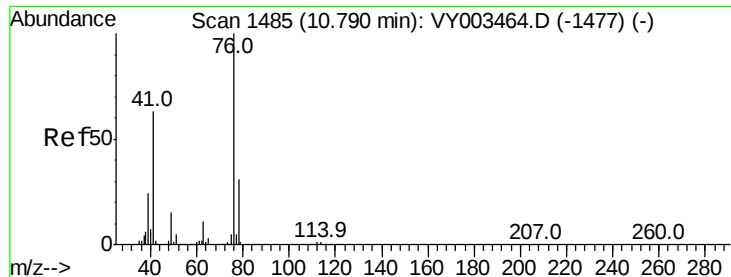
Ion Ratio Lower Upper

69 100

41 69.1 55.4 83.2

39 36.1 28.7 43.1





#57

1,3-Dichloropropane

Concen: 48.073 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

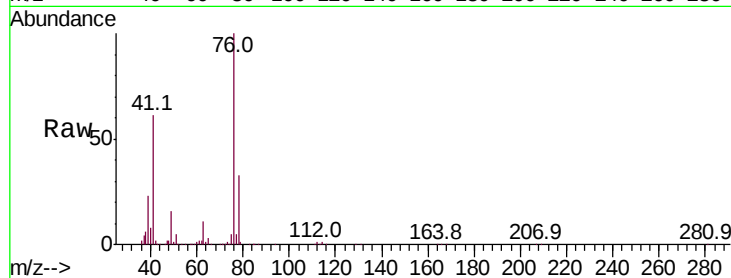
ClientSampleId :

Tot Ion: 76 Resp: 156530

Ion Ratio Lower Upper

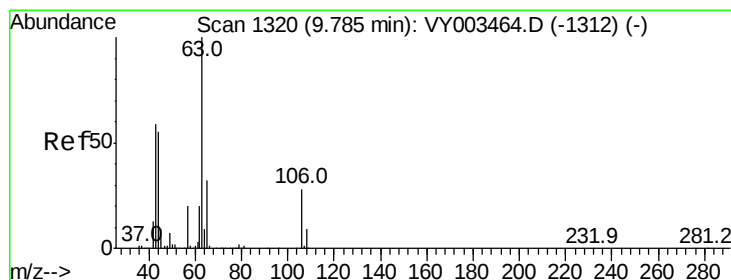
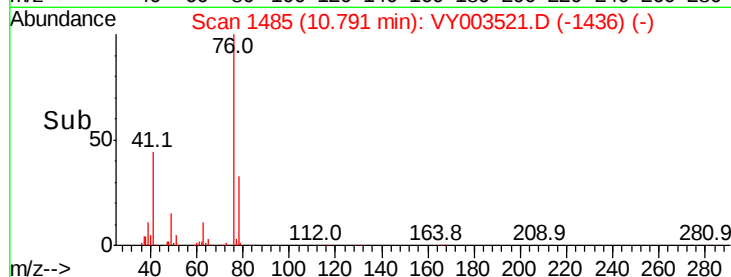
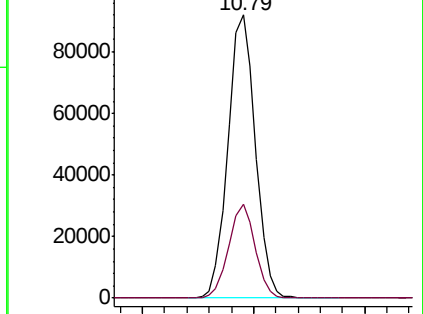
76 100

78 32.1 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: 228.819 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003521.D

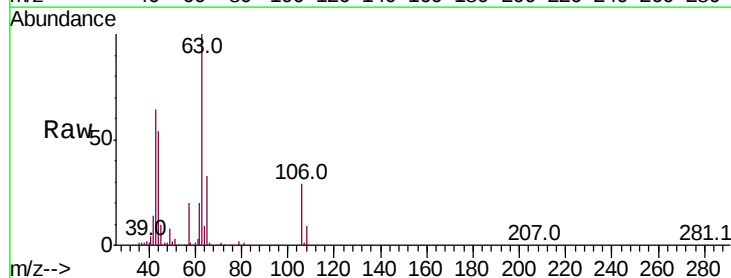
Acq: 05 Nov 2020 16:06

Tgt Ion: 63 Resp: 290943

Ion Ratio Lower Upper

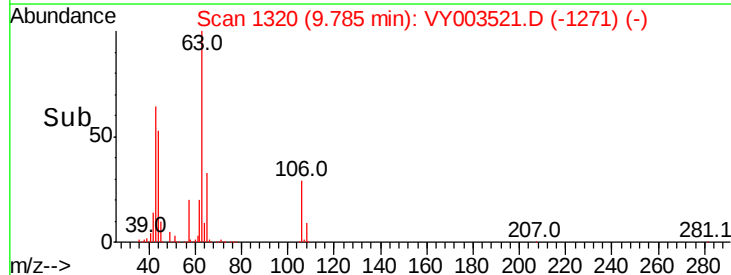
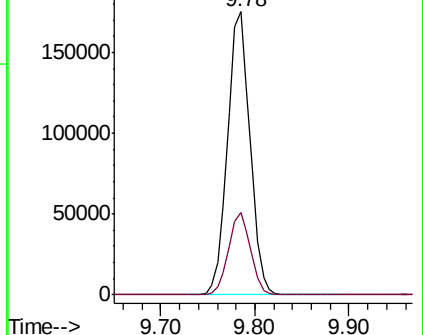
63 100

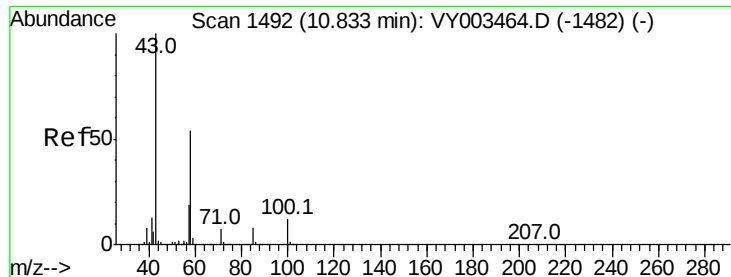
106 28.4 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 195.848 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

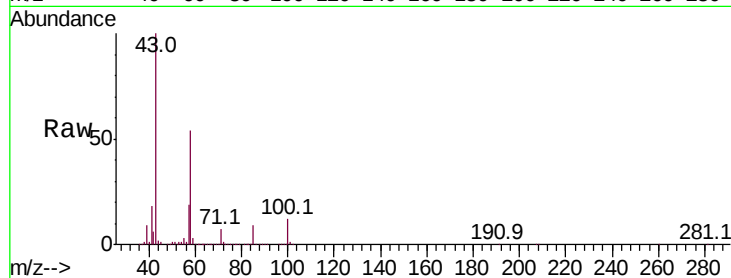
ClientSampleId :

Tot Ion: 43 Resp: 294159

Ion Ratio Lower Upper

43 100

58 53.9 26.8 80.3



Abundance Ion 43.00 (42.70 to 43.70): VY003464.D (-1482) (-)

Ion 58.00 (57.70 to 58.70): VY003464.D (-1482) (-)

10.83

200000

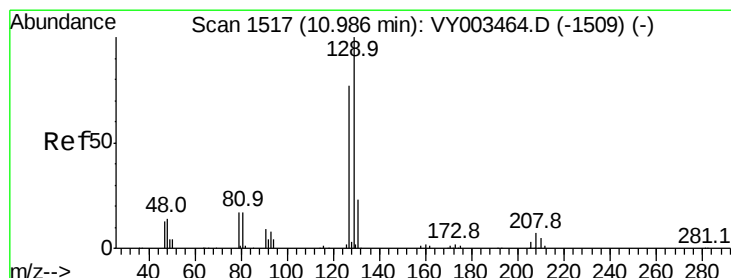
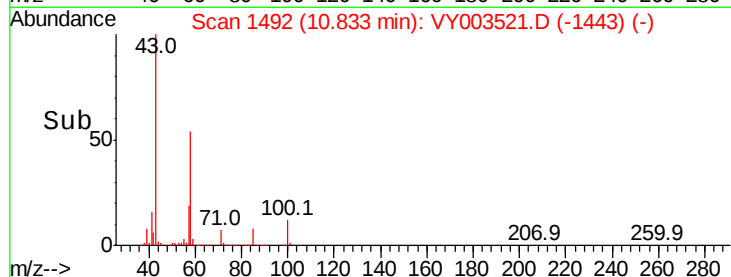
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 49.776 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY003521.D

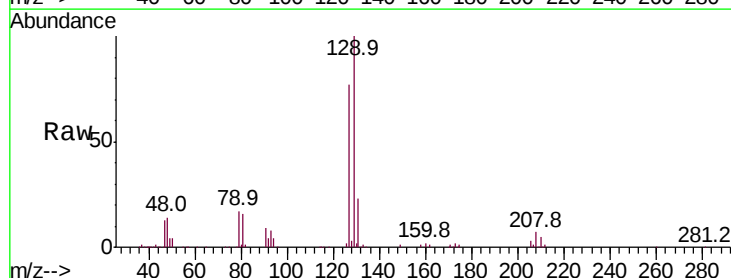
Acq: 05 Nov 2020 16:06

Tgt Ion: 129 Resp: 114559

Ion Ratio Lower Upper

129 100

127 77.4 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): VY003464.D (-1509) (-)

Ion 126.80 (126.50 to 127.50): VY003464.D (-1509) (-)

10.99

80000

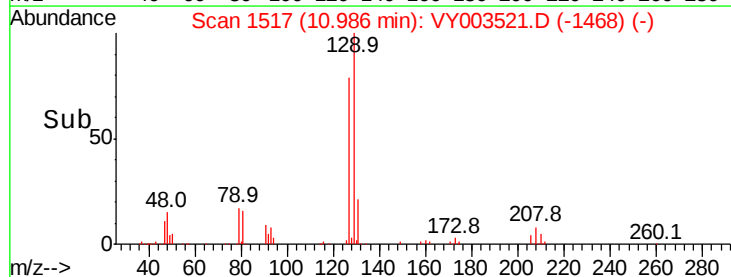
60000

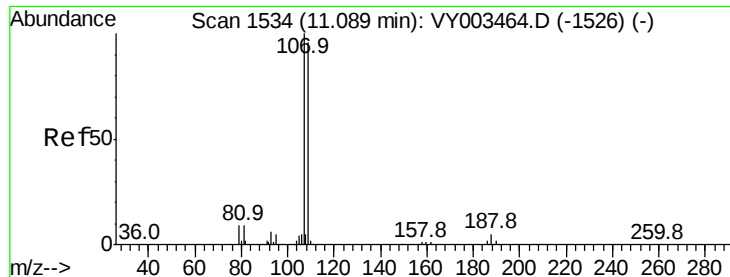
40000

20000

0

Time-->

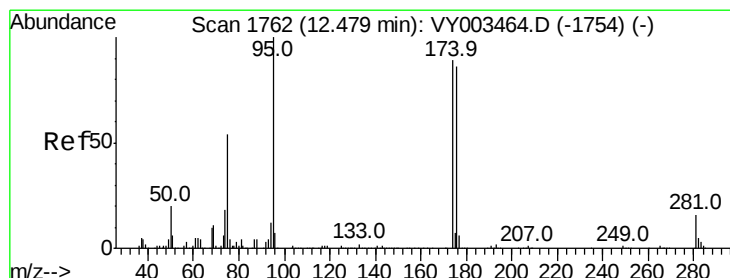
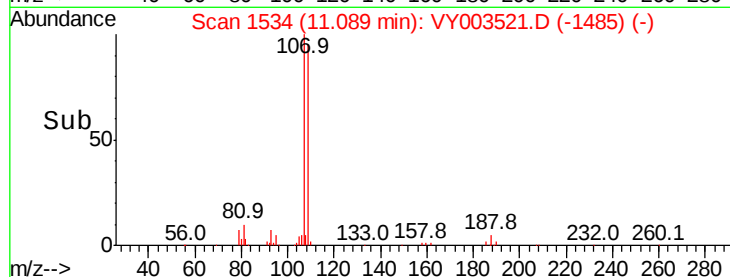
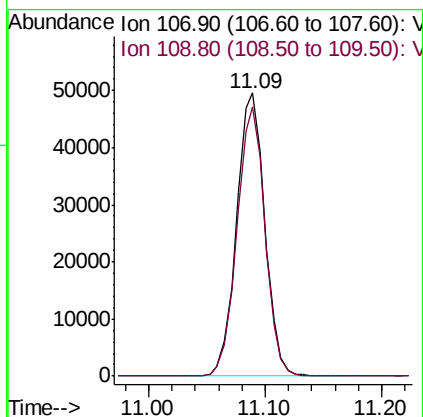
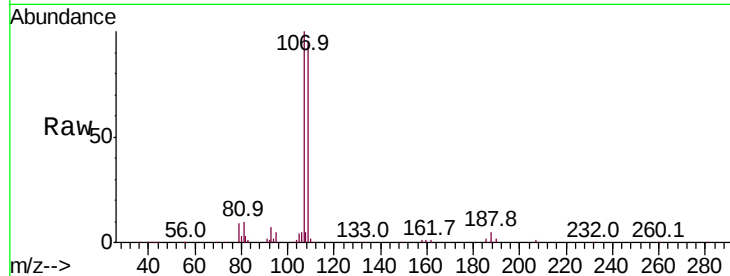




#61
 1,2-Dibromoethane
 Concen: 46.169 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

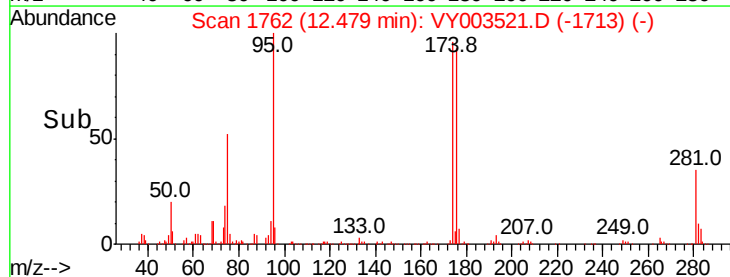
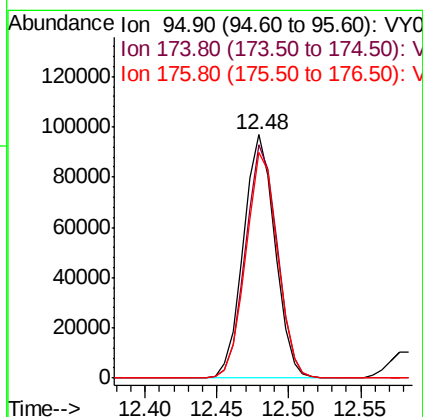
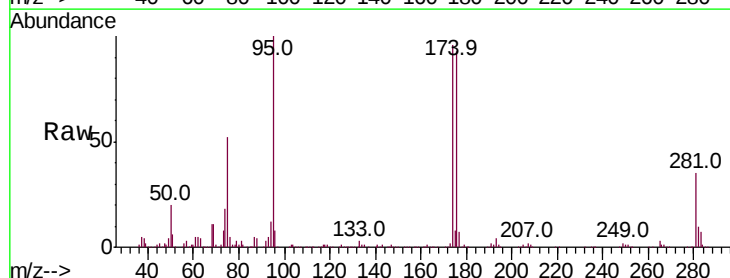
Instrument :
 MSVOA_Y
 ClientSampled :

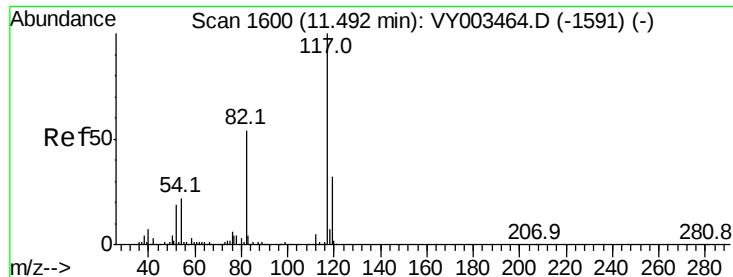
Tot Ion:107 Resp: 83464
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.428 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion: 95 Resp: 146987
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 193.0
 176 93.3 0.0 187.4

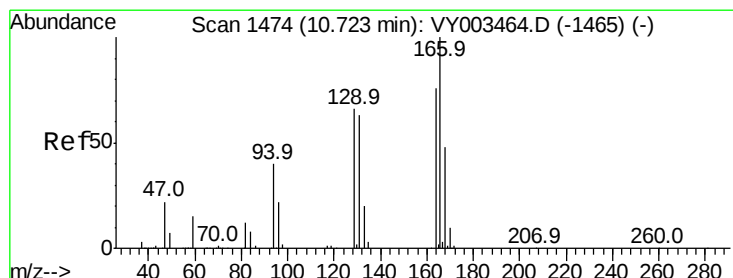
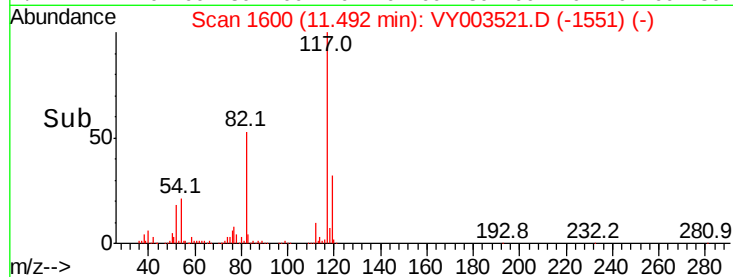
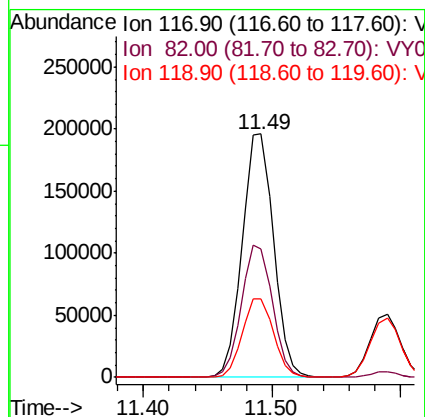
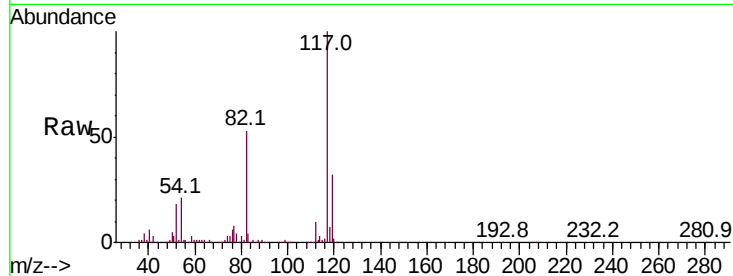




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

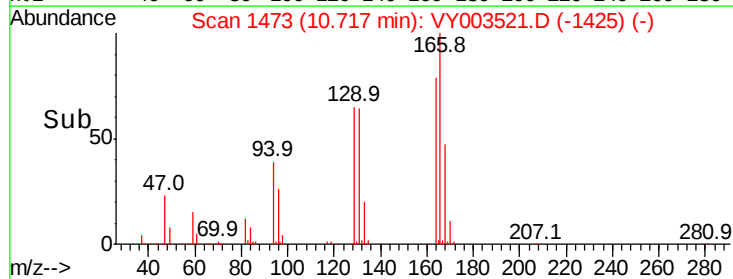
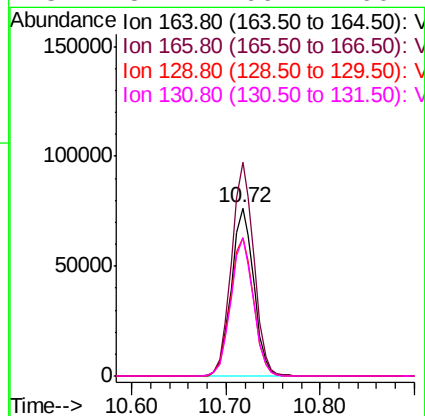
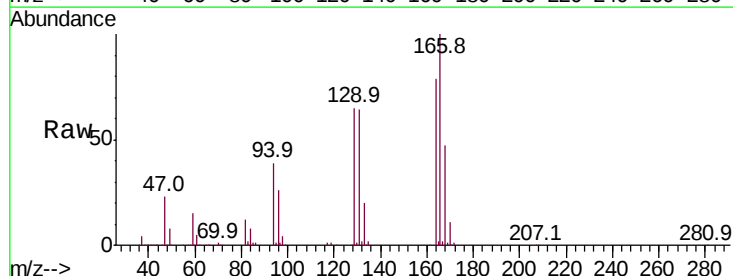
Instrument :
MSVOA_Y
ClientSampled :

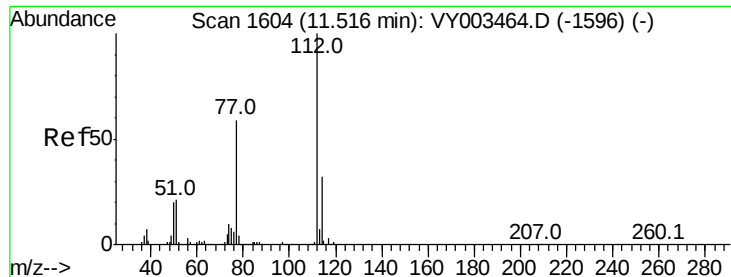
Tot Ion:117 Resp: 329630
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.2
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 51.094 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion:164 Resp: 125778
Ion Ratio Lower Upper
164 100
166 127.3 104.9 157.3
129 82.4 68.9 103.3
131 82.1 66.2 99.2

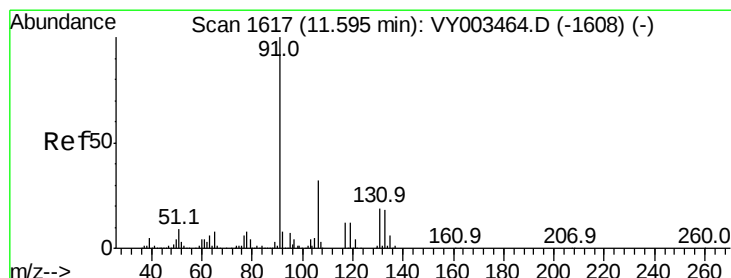
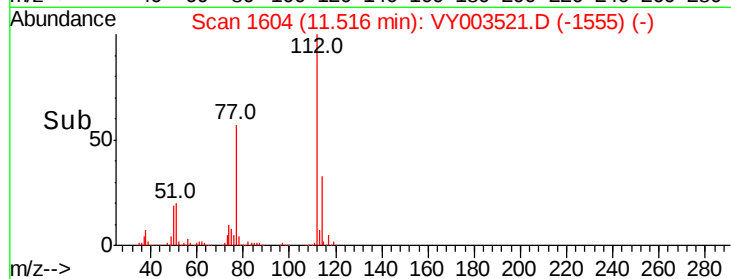
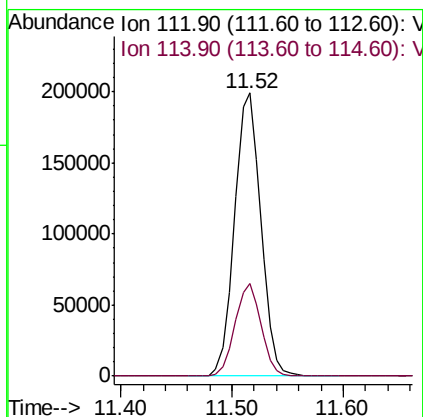
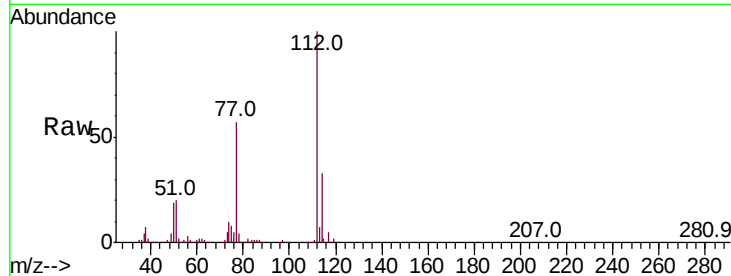




#65
Chlorobenzene
Concen: 50.649 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

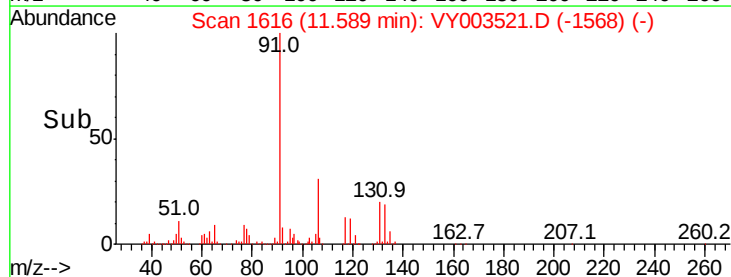
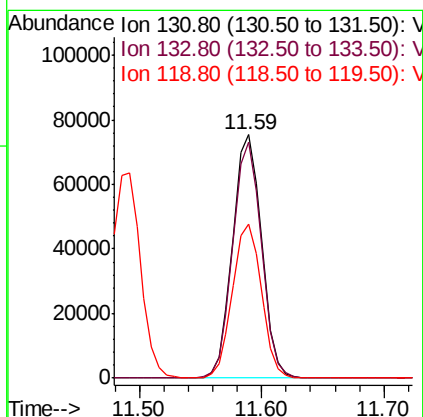
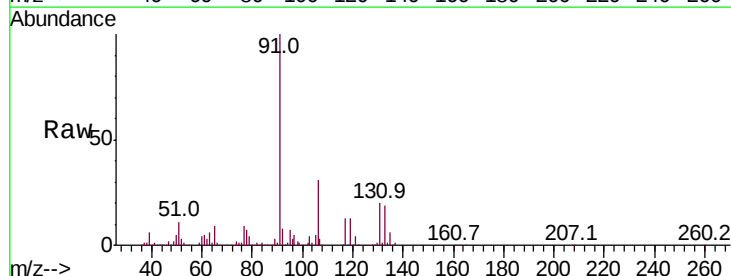
Instrument :
MSVOA_Y
ClientSampleId :

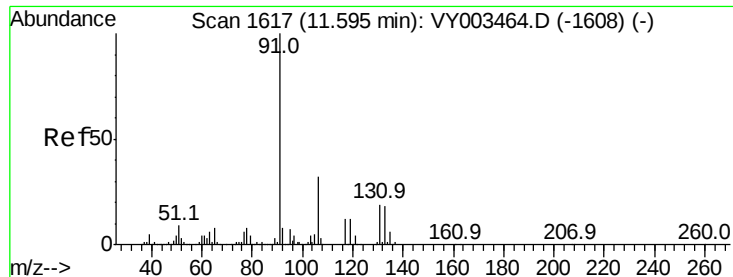
Tot Ion:112 Resp: 324352
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.108 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion:131 Resp: 123431
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.2
119 63.5 31.6 95.0





#67

Ethyl Benzene

Concen: 50.768 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

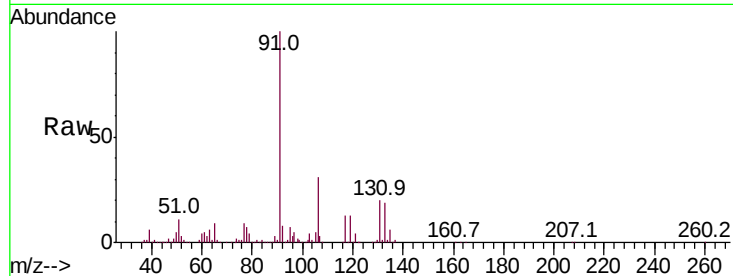
ClientSampleId :

Tot Ion: 91 Resp: 589522

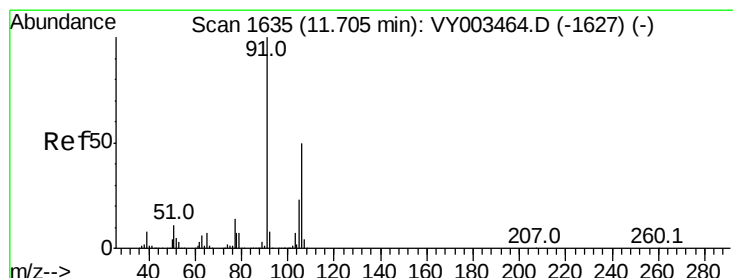
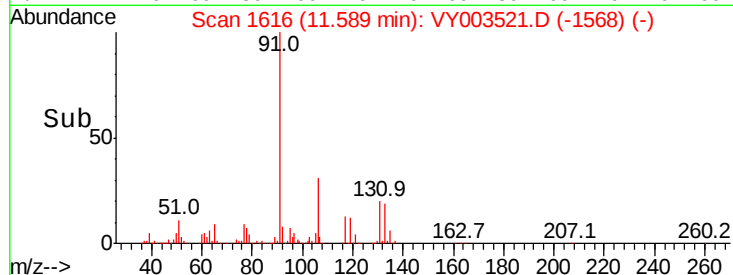
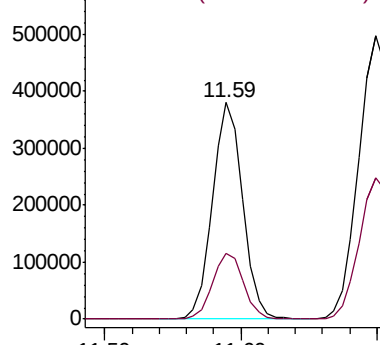
Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1608) (-)



#68

m/p-Xylenes

Concen: 102.775 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003521.D

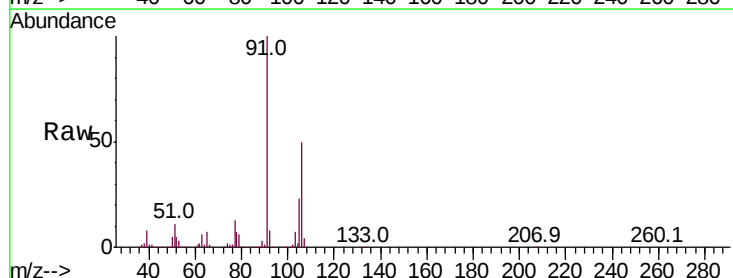
Acq: 05 Nov 2020 16:06

Tgt Ion: 106 Resp: 452255

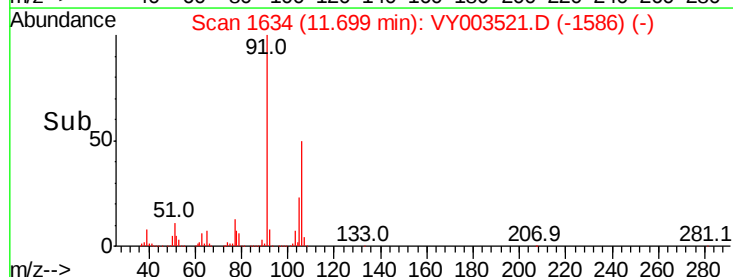
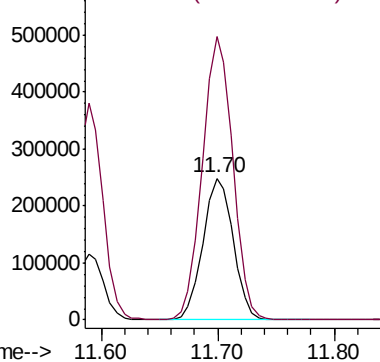
Ion Ratio Lower Upper

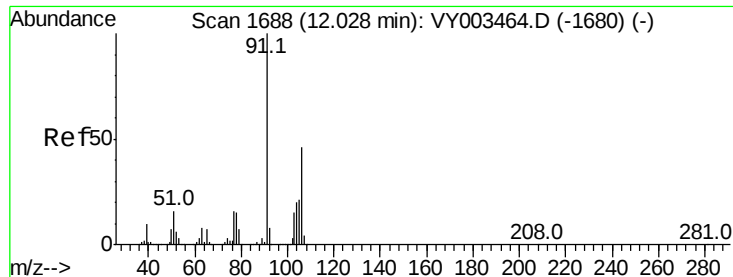
106 100

91 200.0 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VY003464.D (-1627) (-)

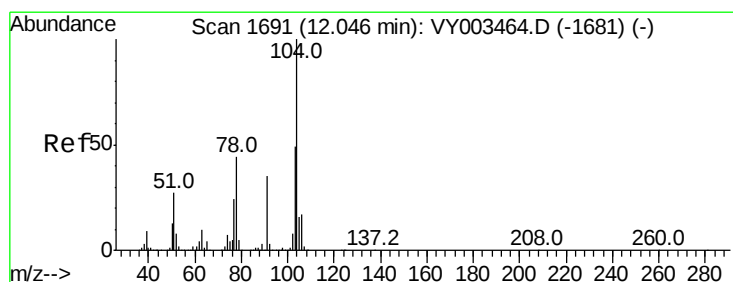
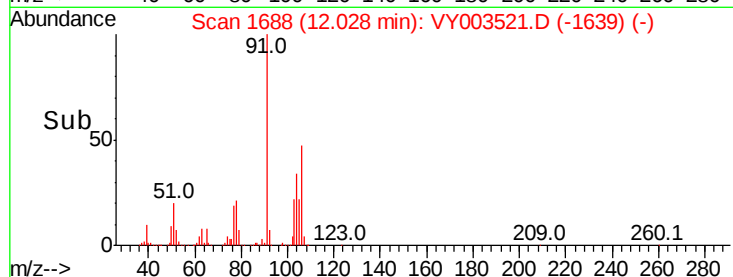
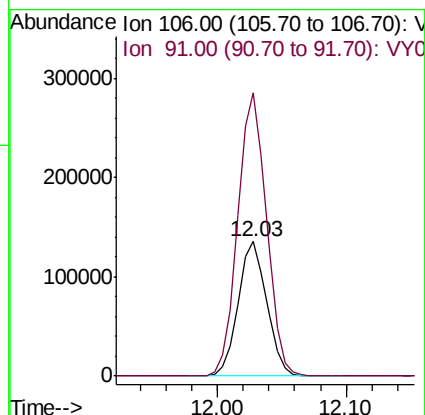
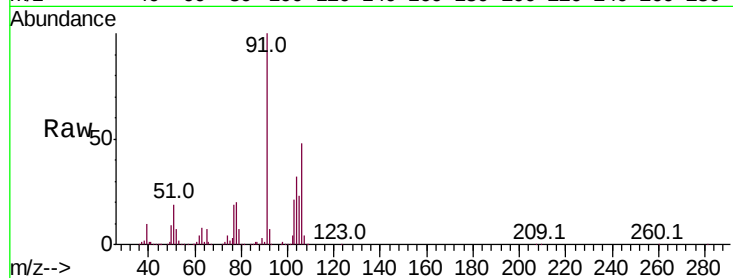




#69
o-Xylene
Concen: 51.666 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

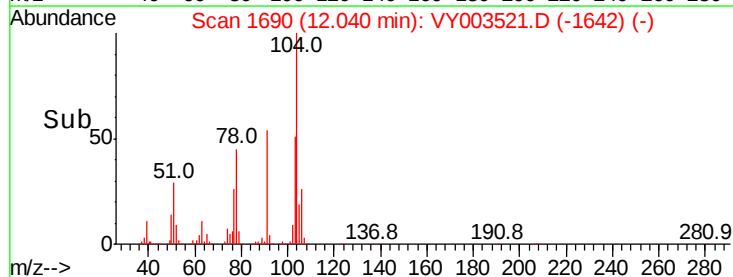
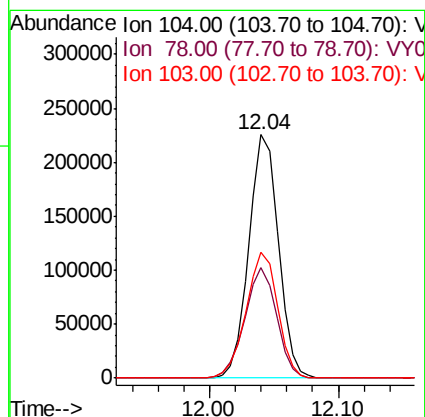
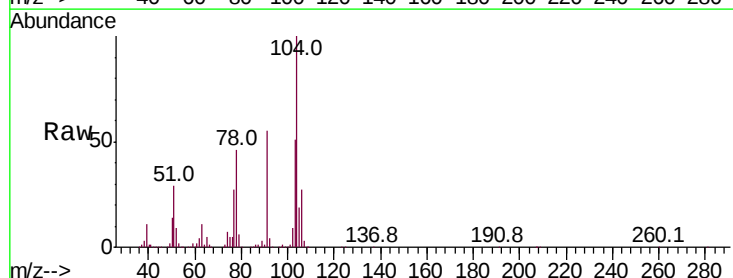
Instrument :
MSVOA_Y
ClientSampled :

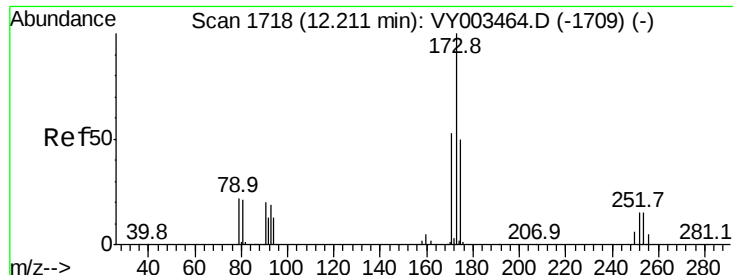
Tot Ion:106 Resp: 209137
Ion Ratio Lower Upper
106 100
91 211.3 105.5 316.5



#70
Styrene
Concen: 51.928 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion:104 Resp: 356900
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.3 44.2 66.2

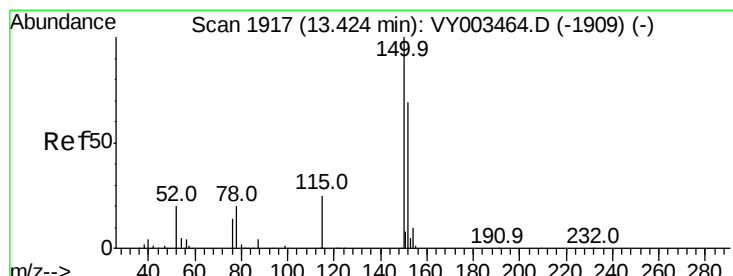
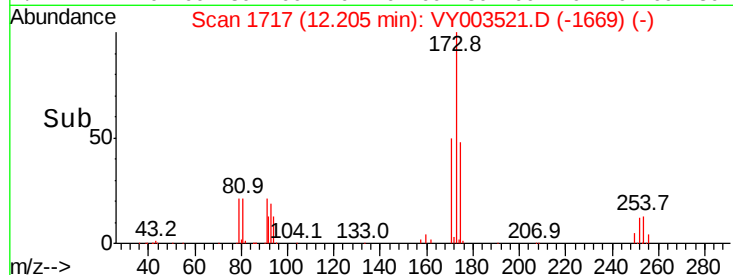
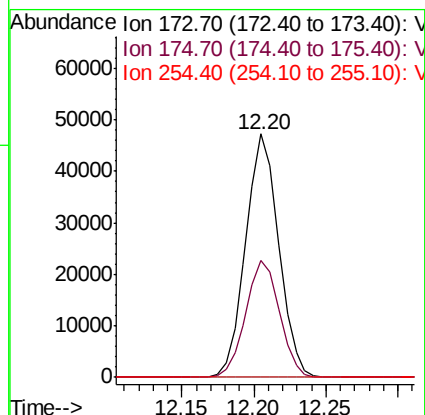
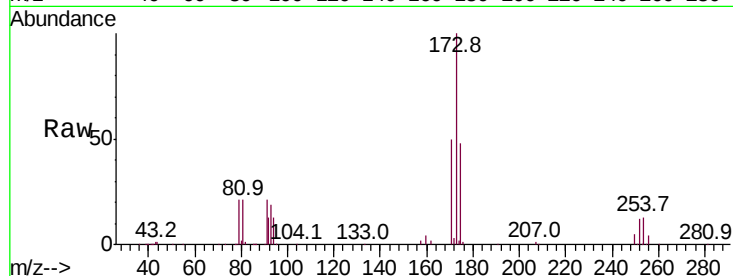




#71
Bromoform
Concen: 46.562 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

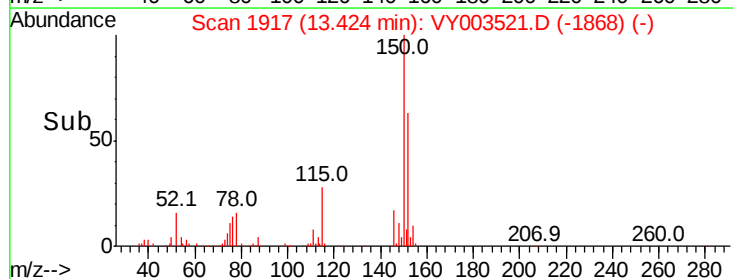
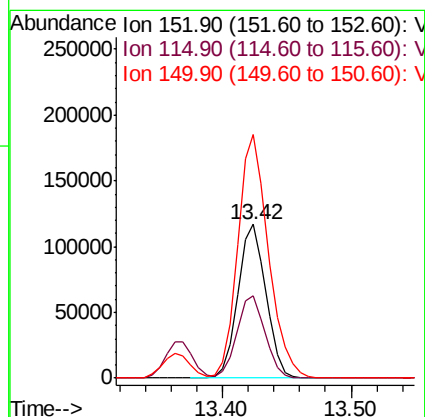
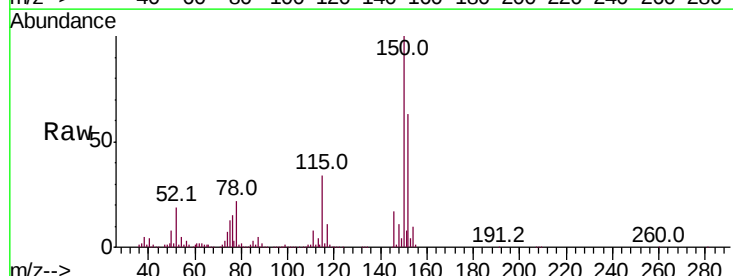
Instrument :
MSVOA_Y
ClientSampleId :

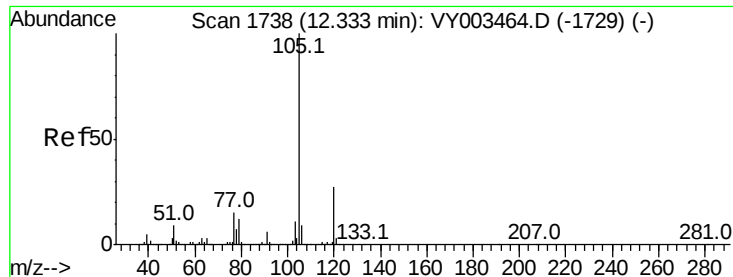
Tot Ion:173 Resp: 74953
Ion Ratio Lower Upper
173 100
175 48.8 24.7 74.1
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion:152 Resp: 175128
Ion Ratio Lower Upper
152 100
115 53.9 27.5 82.4
150 173.4 0.0 345.8





#73

Isopropylbenzene

Concen: 50.469 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

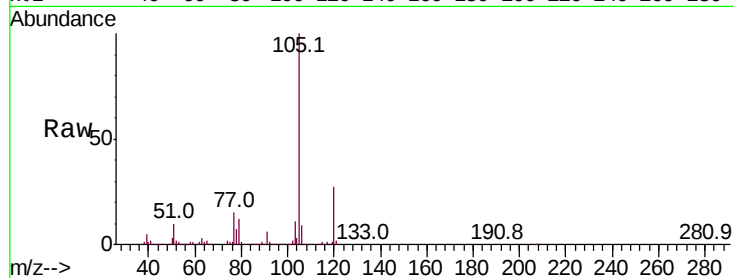
ClientSampleId :

Tot Ion:105 Resp: 577361

Ion Ratio Lower Upper

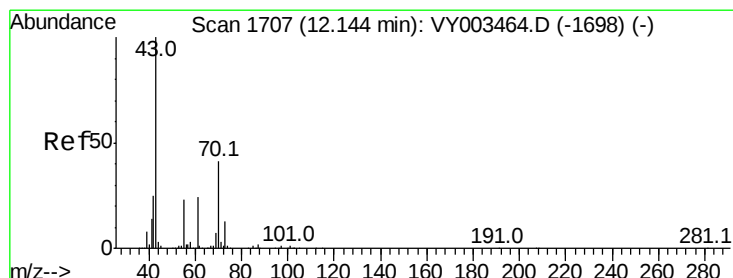
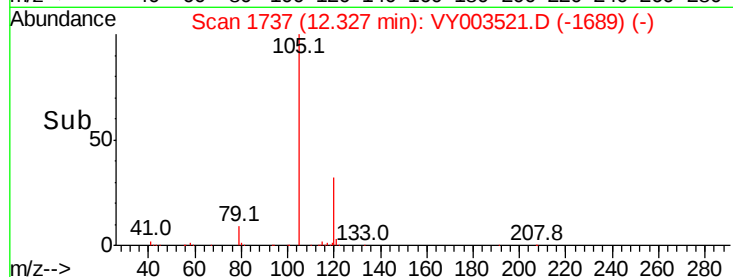
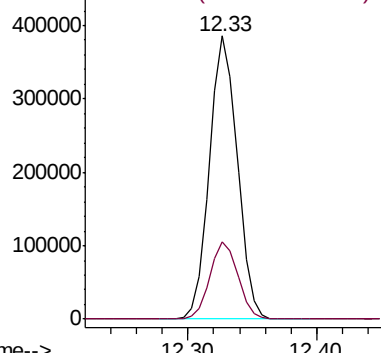
105 100

120 27.3 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: 42.477 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Tgt Ion: 43 Resp: 137647

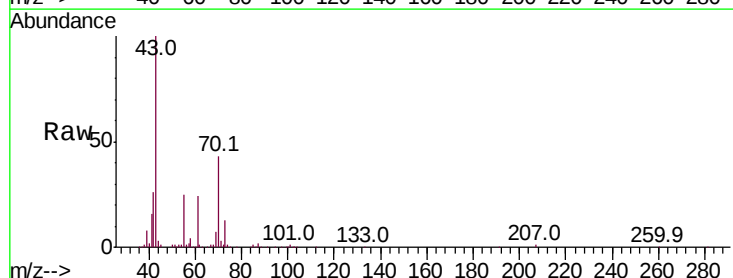
Ion Ratio Lower Upper

43 100

70 42.1 33.1 49.7

55 24.7 19.2 28.8

61 24.5 19.0 28.6

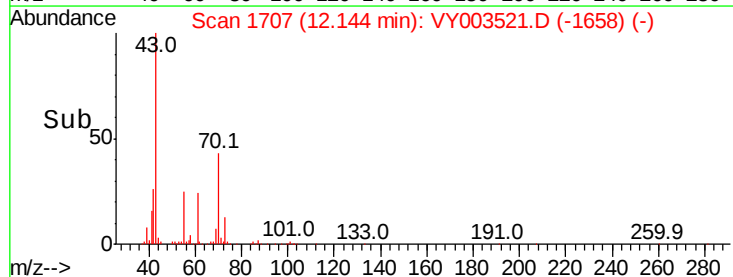
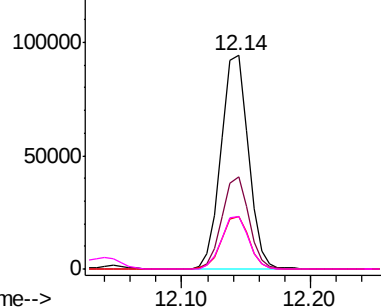


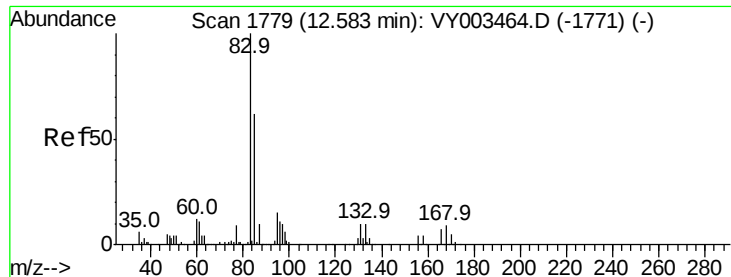
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 43.373 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

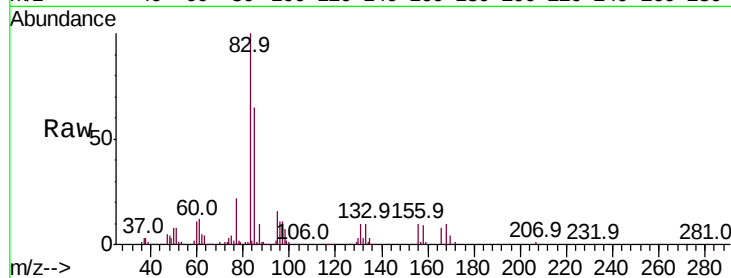
Tot Ion: 83 Resp: 105984

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.1 32.0 96.2

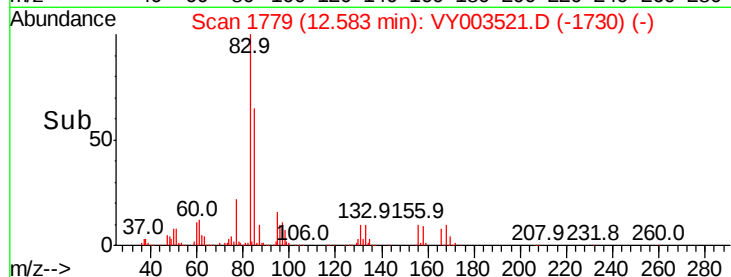


Abundance Ion 82.90 (82.60 to 83.60): VY003521.D (-1730) (-)

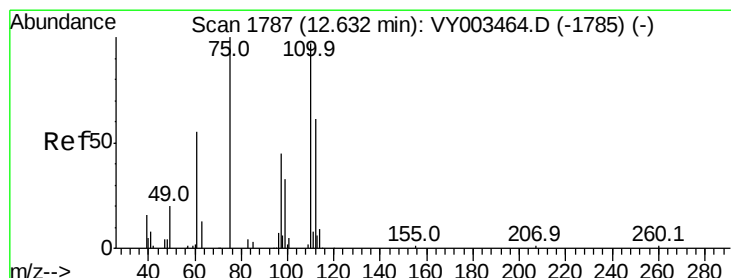
Ion 130.80 (130.50 to 131.50): VY003521.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003521.D (-1730) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 75.411 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003521.D

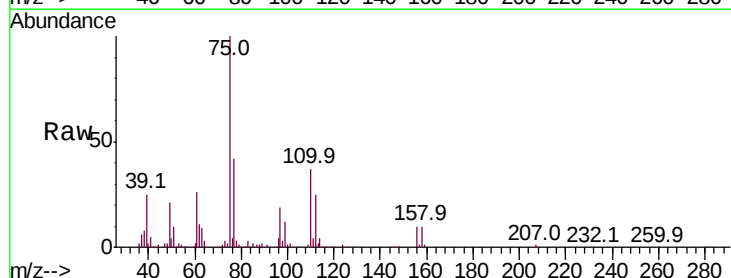
Acq: 05 Nov 2020 16:06

Tgt Ion: 75 Resp: 139735

Ion Ratio Lower Upper

75 100

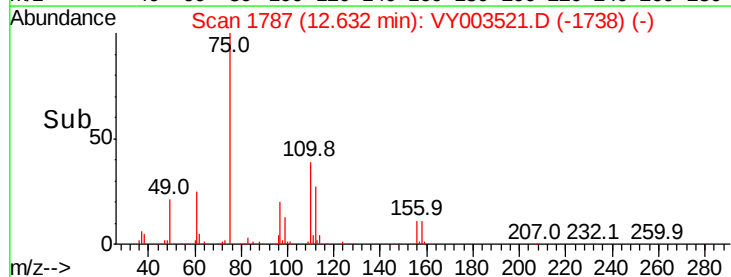
77 0.0 0.0 0.0



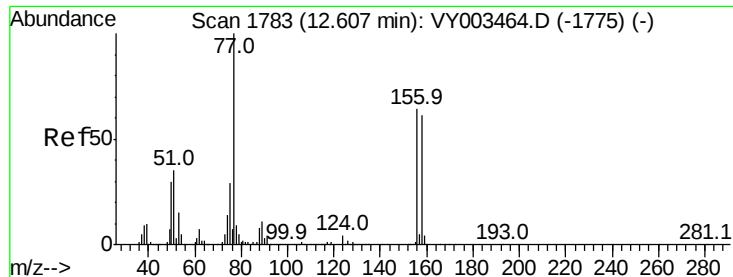
Abundance Ion 74.90 (74.60 to 75.60): VY003521.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003521.D (-1738) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 49.495 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

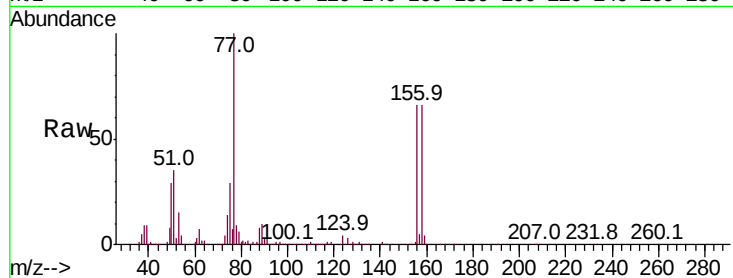
Tot Ion:156 Resp: 143863

Ion Ratio Lower Upper

156 100

77 170.9 87.0 260.9

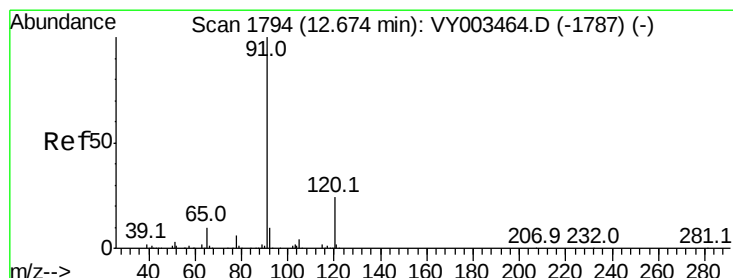
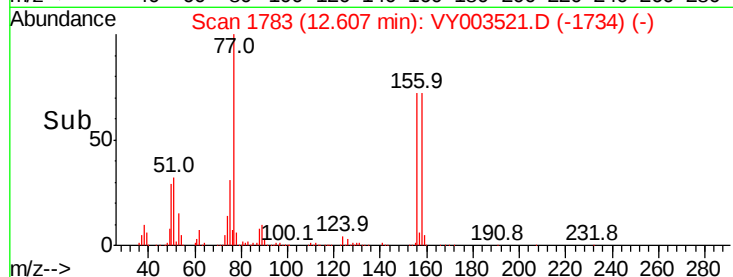
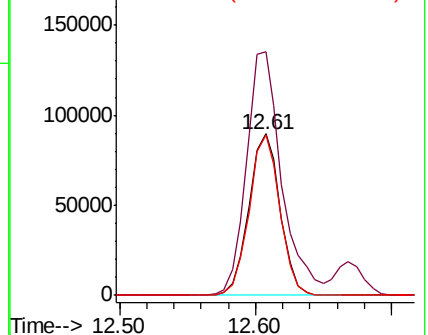
158 97.6 48.7 146.1



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: 50.769 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003521.D

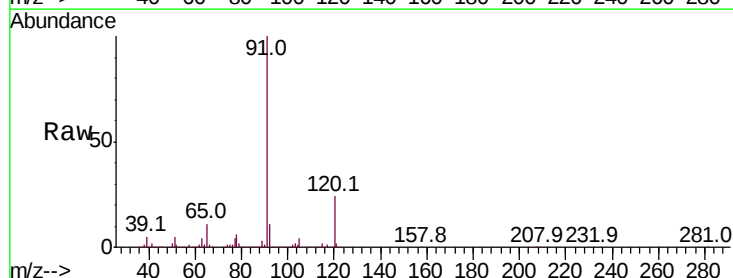
Acq: 05 Nov 2020 16:06

Tgt Ion: 91 Resp: 684115

Ion Ratio Lower Upper

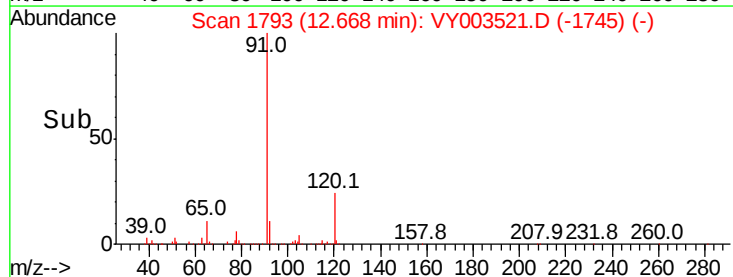
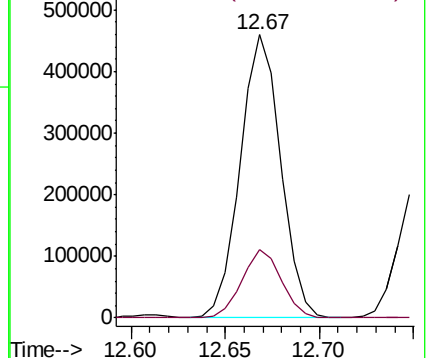
91 100

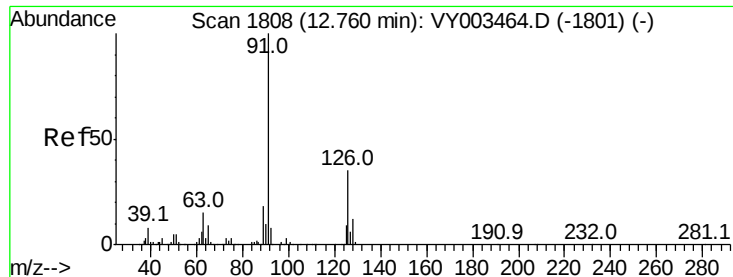
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.433 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

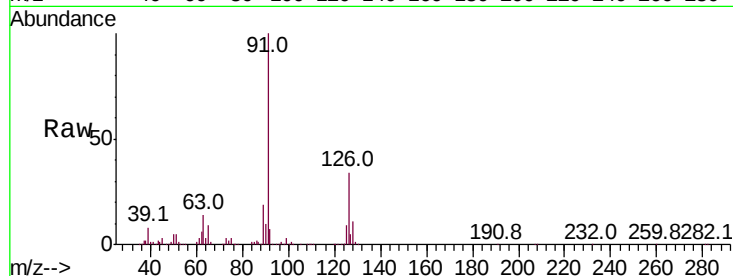
ClientSampled :

Tot Ion: 91 Resp: 379681

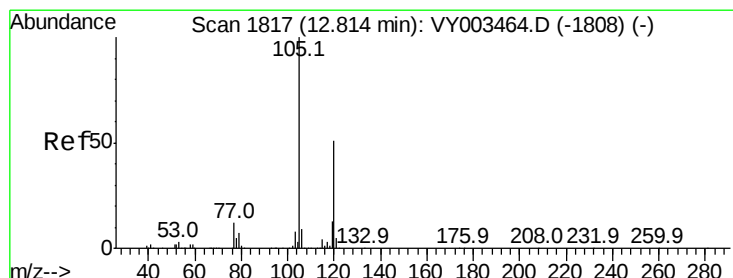
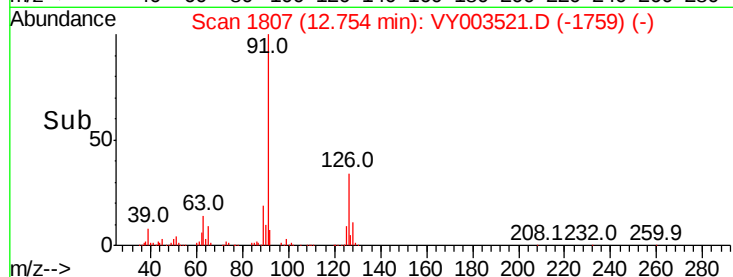
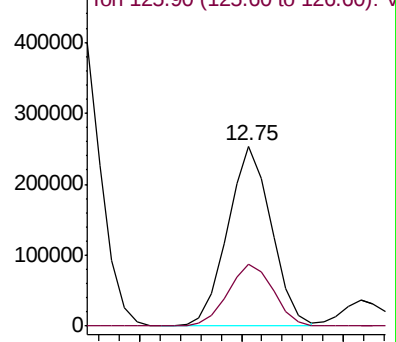
Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.385 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY003521.D

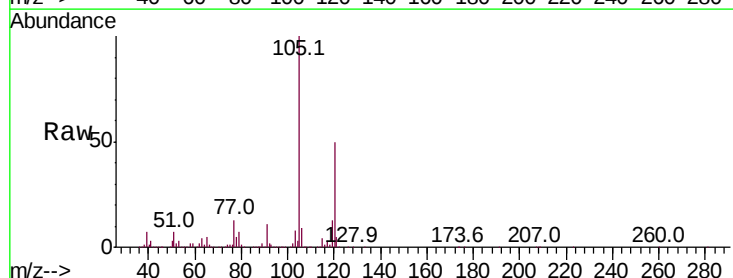
Acq: 05 Nov 2020 16:06

Tgt Ion: 105 Resp: 487054

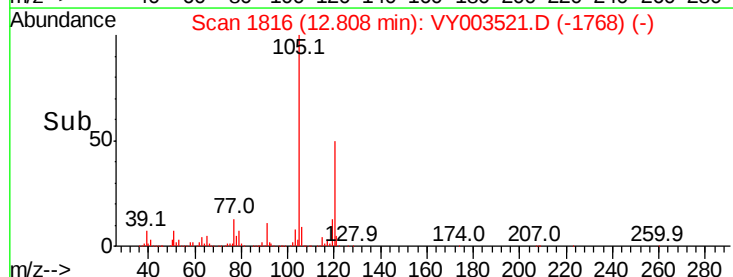
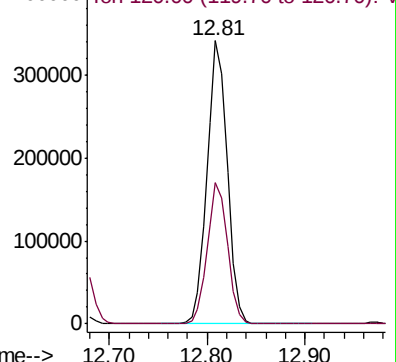
Ion Ratio Lower Upper

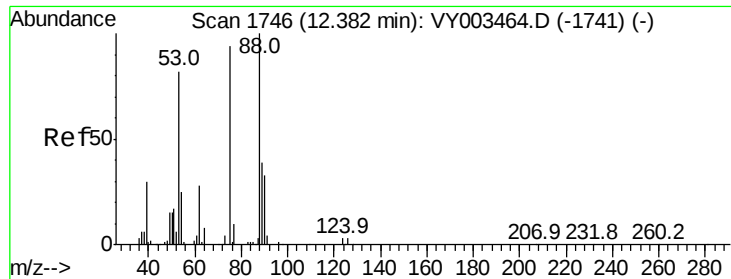
105 100

120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003464.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.405 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

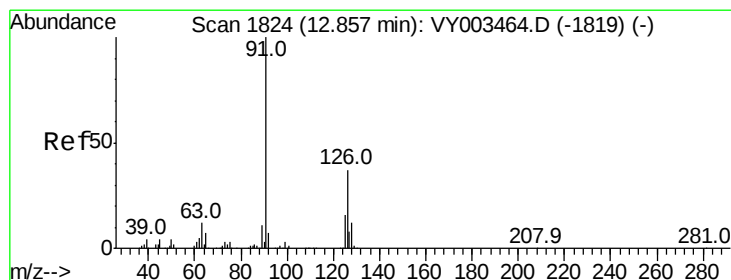
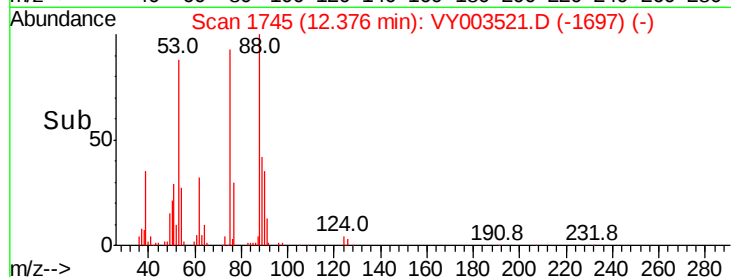
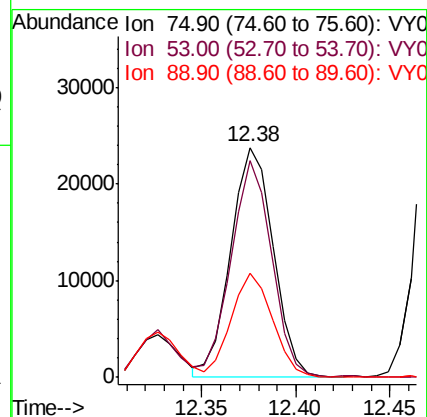
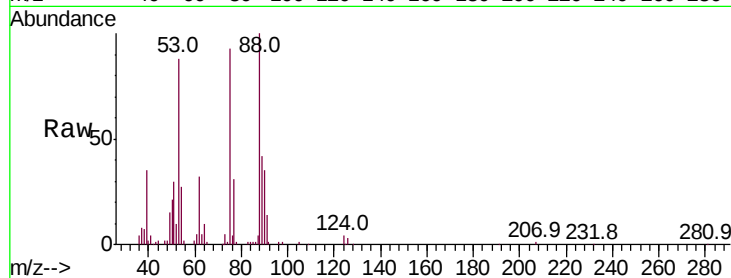
Tot Ion: 75 Resp: 36759

Ion Ratio Lower Upper

75 100

53 91.9 74.7 112.1

89 44.4 35.8 53.8



#82

4-Chlorotoluene

Concen: 50.361 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003521.D

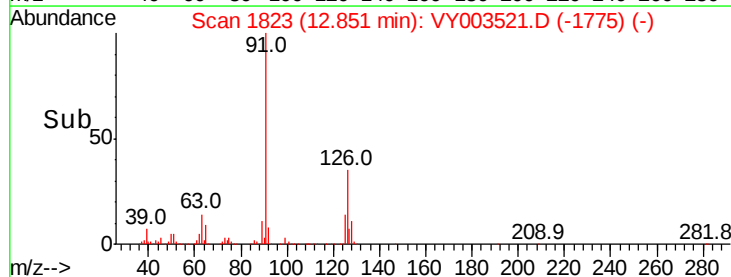
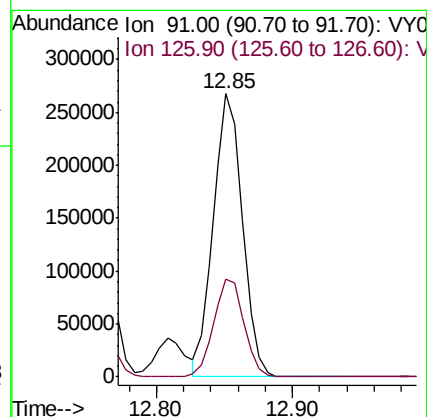
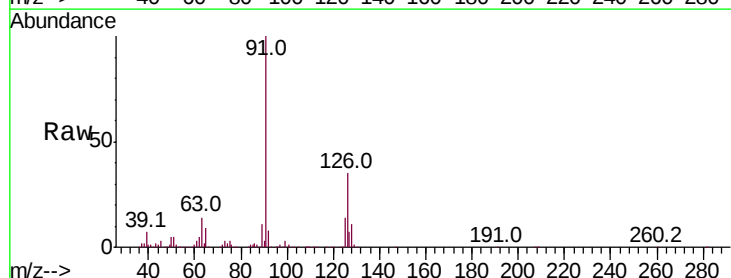
Acq: 05 Nov 2020 16:06

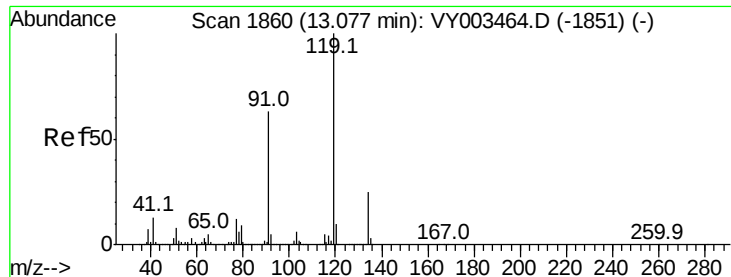
Tgt Ion: 91 Resp: 396209

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8





#83

tert-Butylbenzene

Concen: 49.914 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

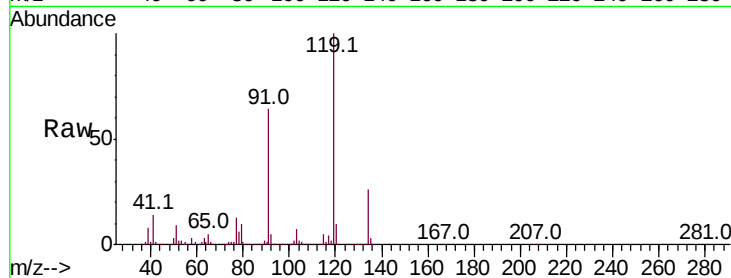
Tot Ion:119 Resp: 419603

Ion Ratio Lower Upper

119 100

91 63.2 31.1 93.2

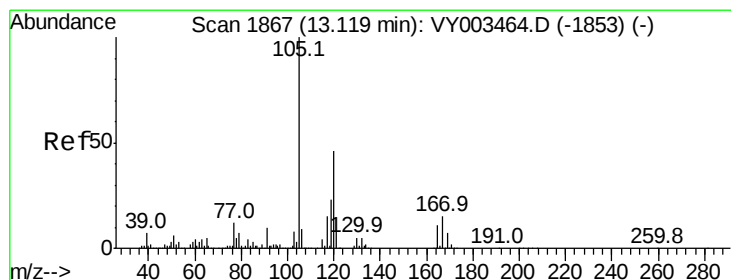
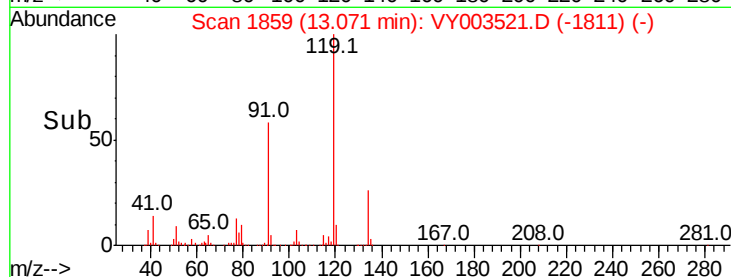
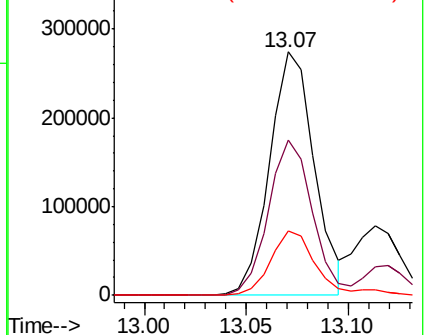
134 27.5 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.122 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003521.D

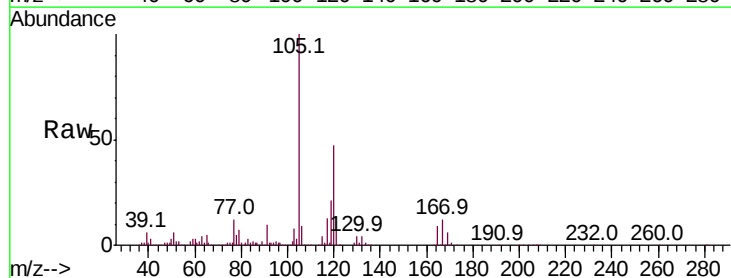
Acq: 05 Nov 2020 16:06

Tgt Ion:105 Resp: 484289

Ion Ratio Lower Upper

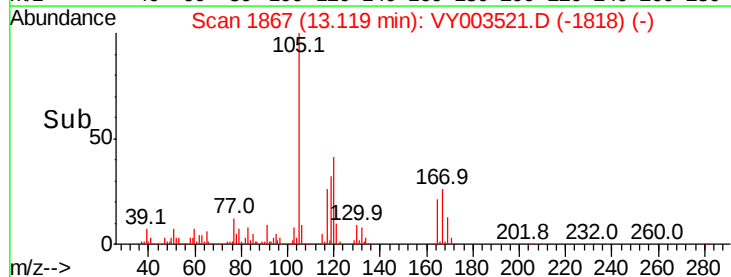
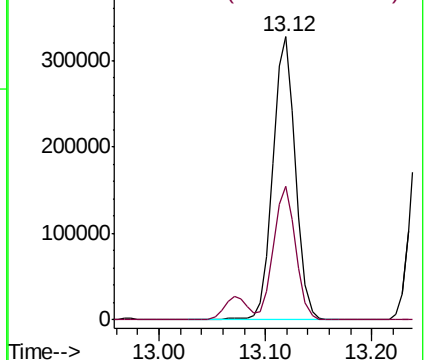
105 100

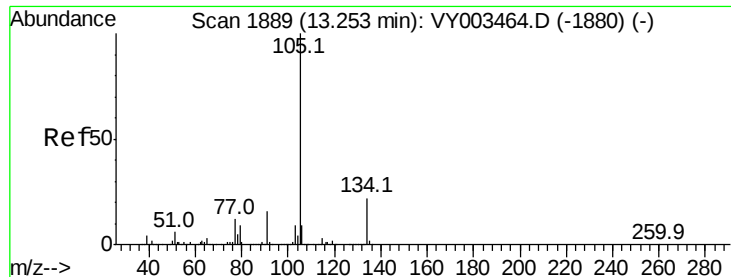
120 46.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.397 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

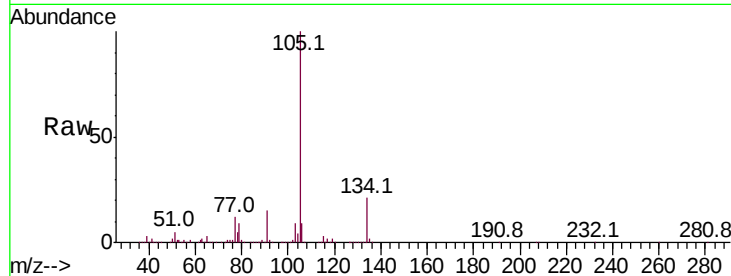
ClientSampled :

Tot Ion:105 Resp: 585029

Ion Ratio Lower Upper

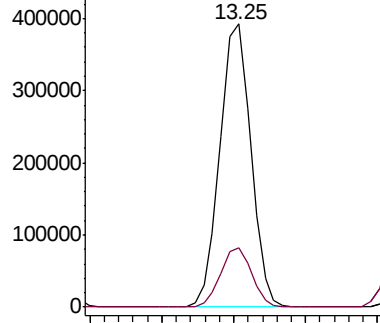
105 100

134 20.9 10.6 31.8

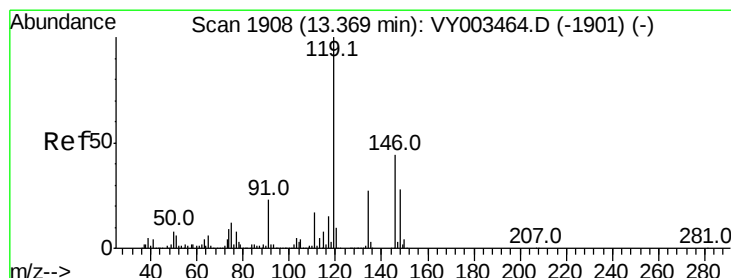
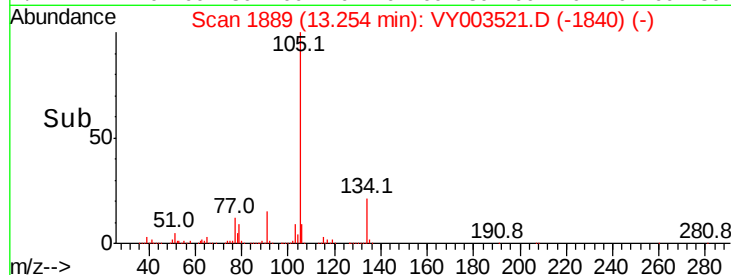


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 51.672 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

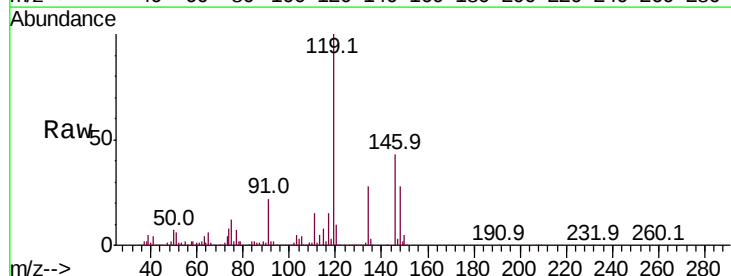
Tgt Ion:119 Resp: 545463

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

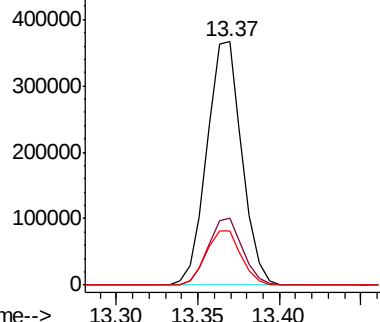
91 22.4 11.4 34.2



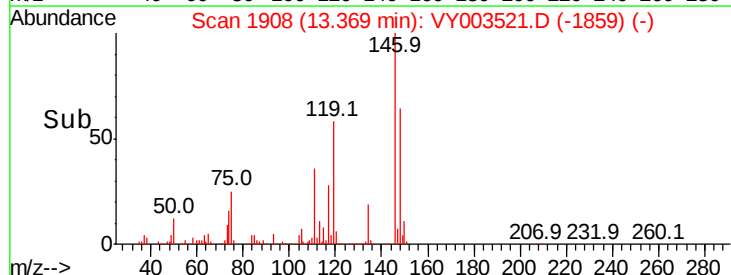
Abundance Ion 119.00 (118.70 to 119.70): V

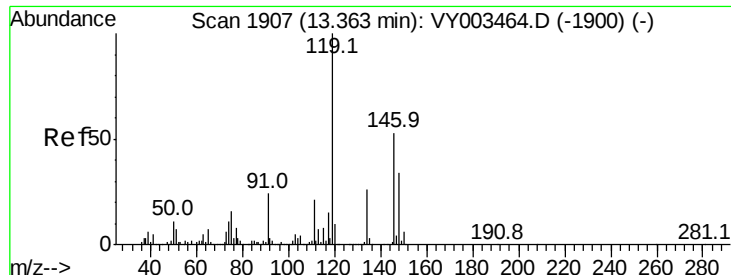
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time--> 13.30 13.35 13.40





#87

1,3-Dichlorobenzene

Concen: 50.918 ug/l

RT: 13.36 min Scan# 1907

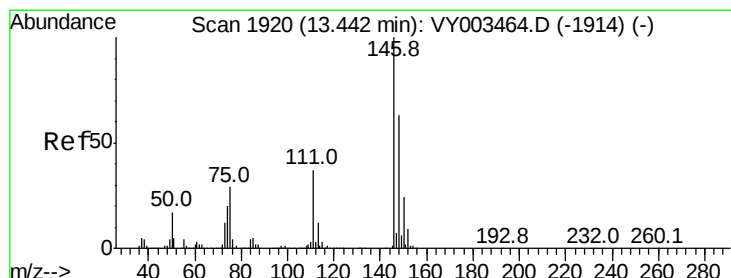
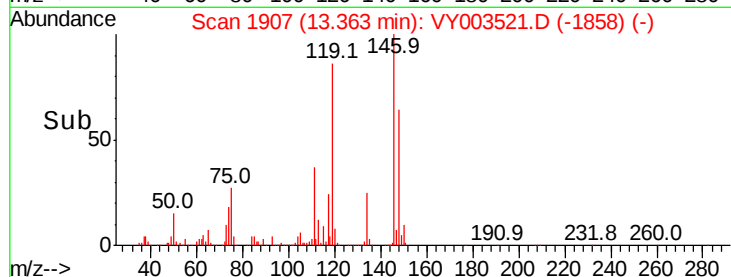
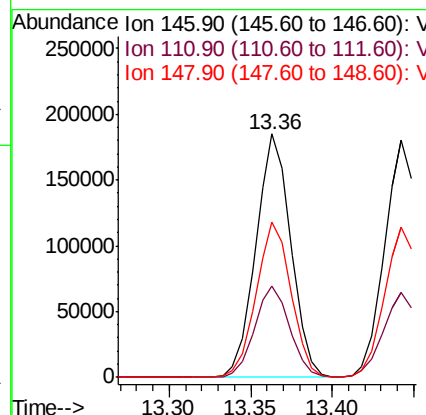
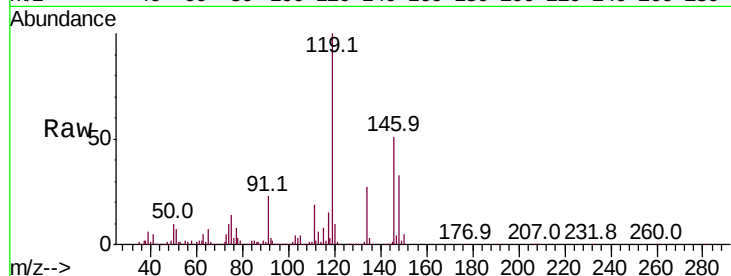
Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	63.6	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 50.520 ug/l

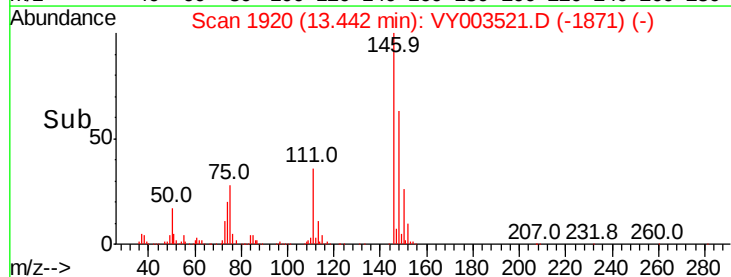
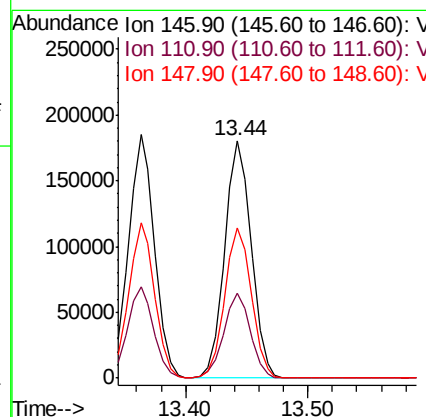
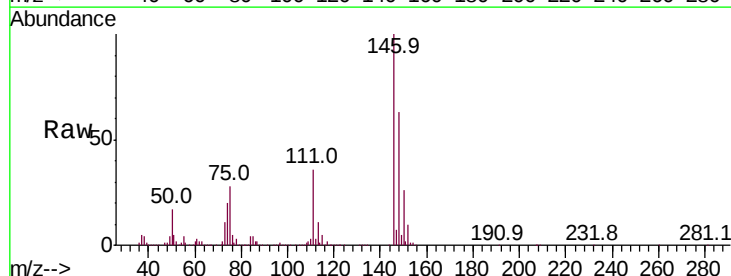
RT: 13.44 min Scan# 1920

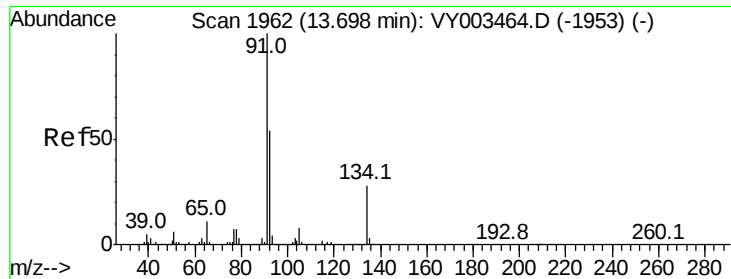
Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.3	54.8
148	63.6	32.0	96.0

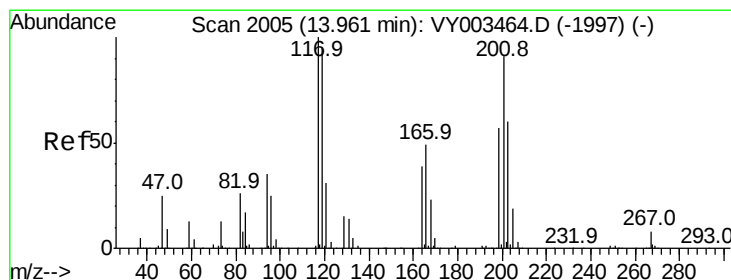
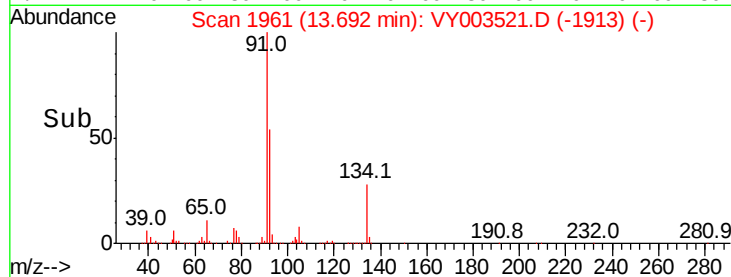
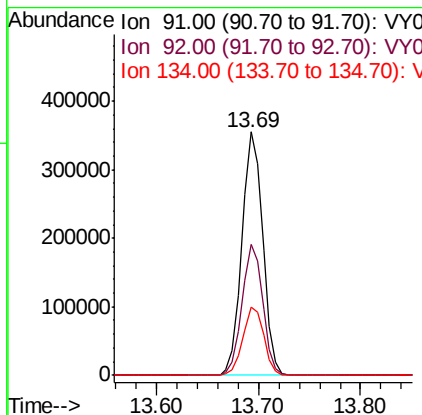
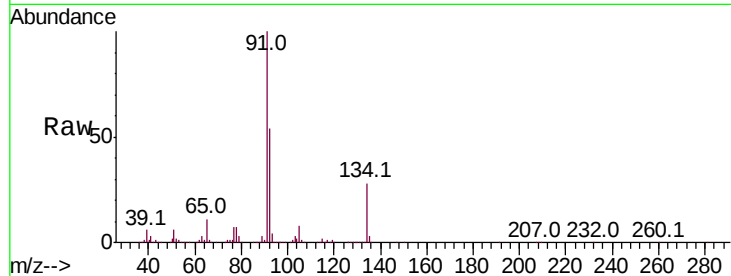




#89
n-Butylbenzene
Concen: 51.834 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

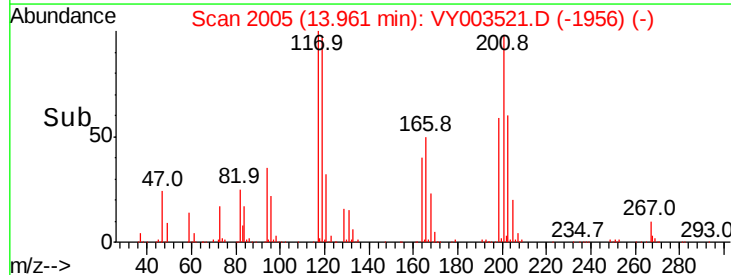
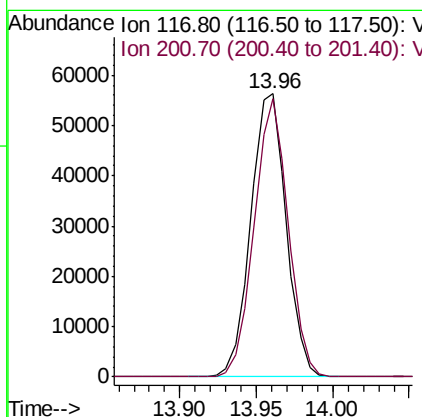
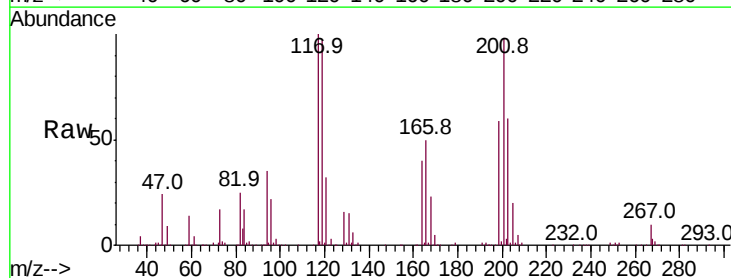
Instrument :
MSVOA_Y
ClientSampleId :

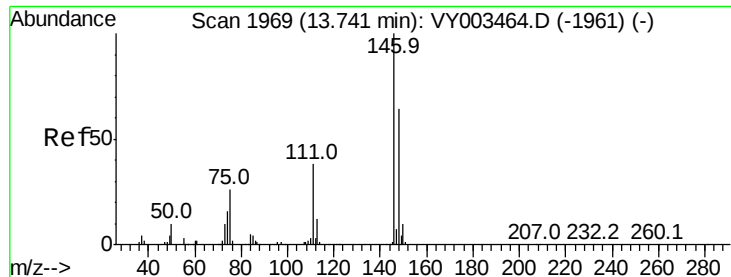
Tot Ion: 91 Resp: 499778
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.1
134 28.1 13.8 41.3



#90
Hexachloroethane
Concen: 51.081 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion: 117 Resp: 90750
Ion Ratio Lower Upper
117 100
201 94.3 46.6 139.8





#91

1,2-Dichlorobenzene

Concen: 50.326 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

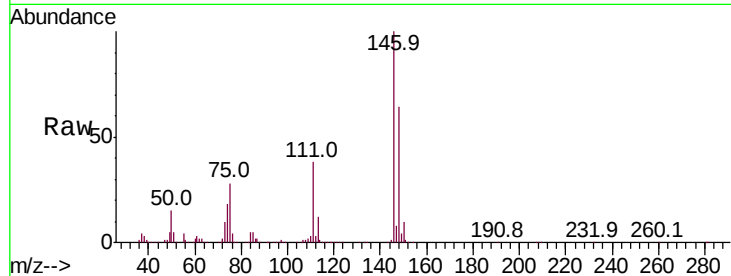
Tot Ion:146 Resp: 242068

Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.8

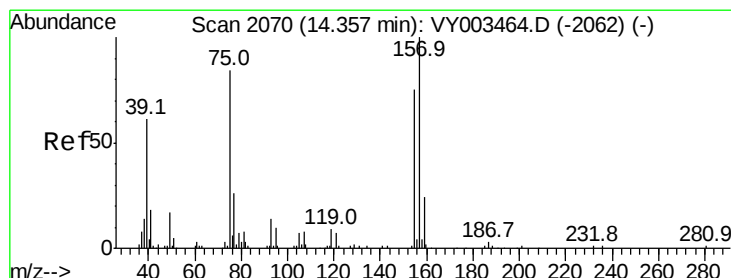
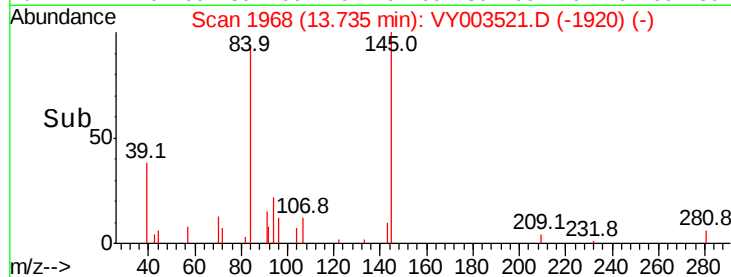
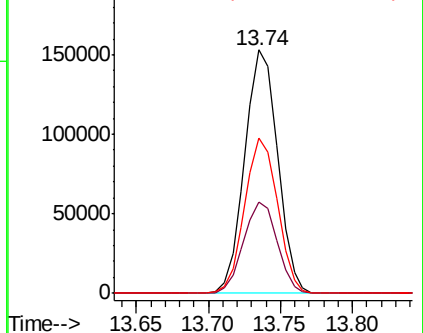
148 63.9 32.3 96.8



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: 39.418 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

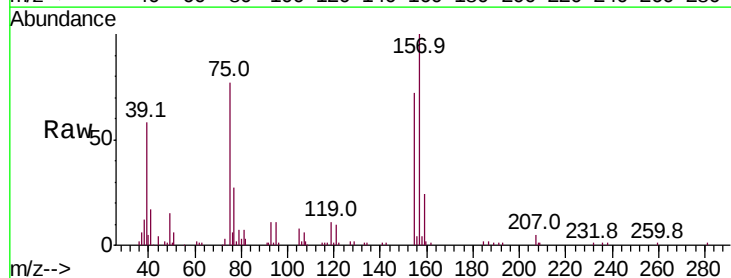
Tgt Ion: 75 Resp: 17436

Ion Ratio Lower Upper

75 100

155 91.7 45.6 136.7

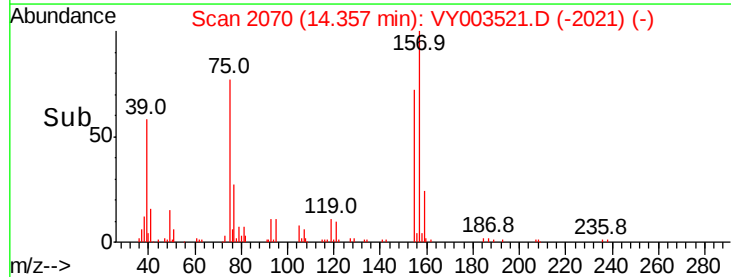
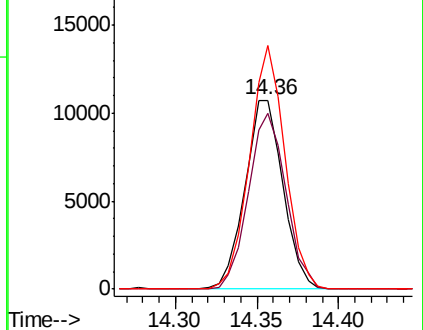
157 120.0 60.3 180.8

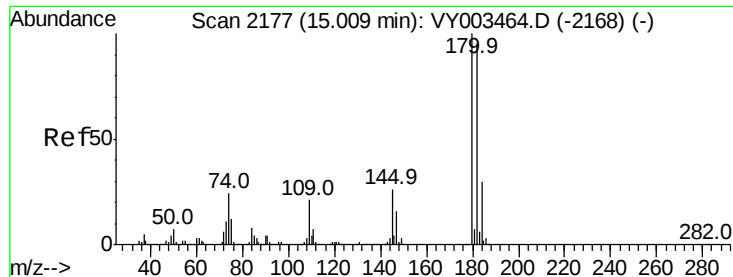


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

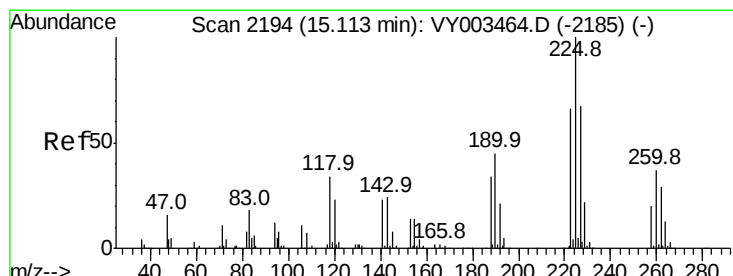
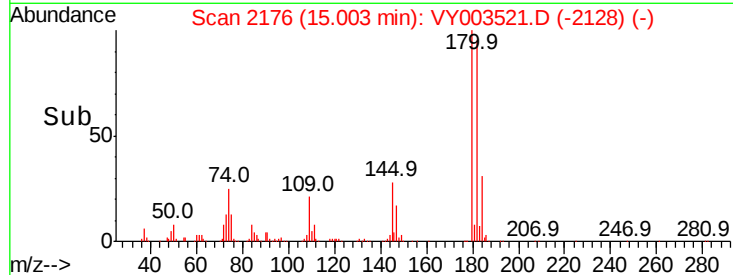
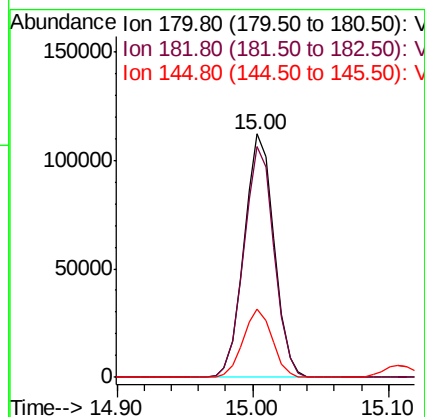
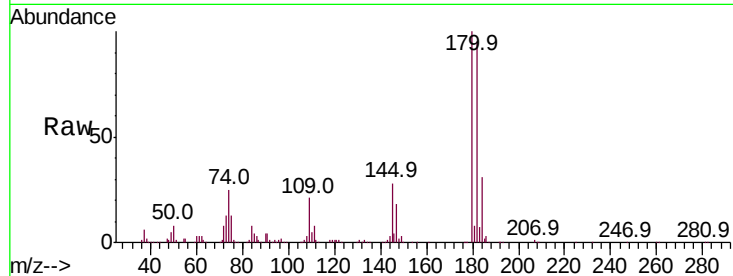




#93
 1,2,4-Trichlorobenzene
 Concen: 50.714 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

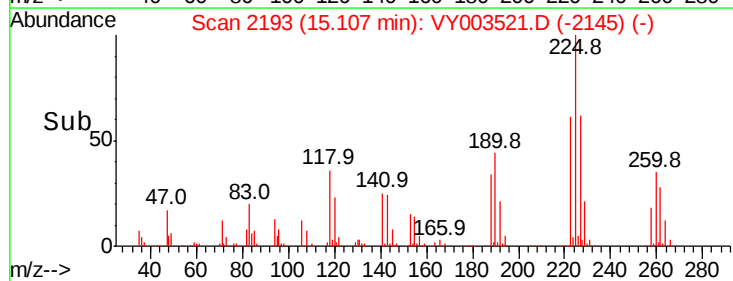
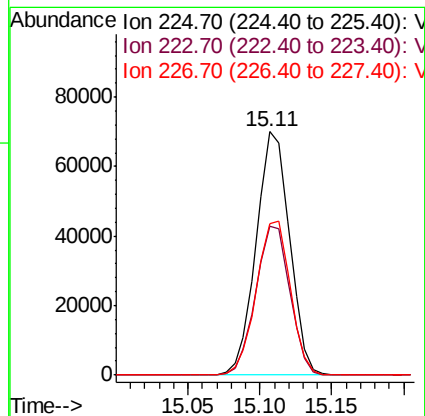
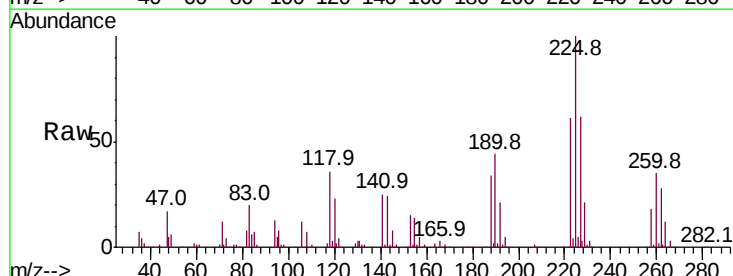
Instrument :
 MSVOA_Y
 ClientSampled :

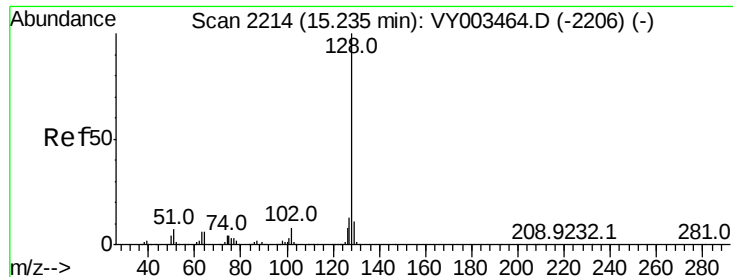
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.1	144.3
145	27.4	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 51.428 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.1	96.3
227	64.4	32.4	97.2

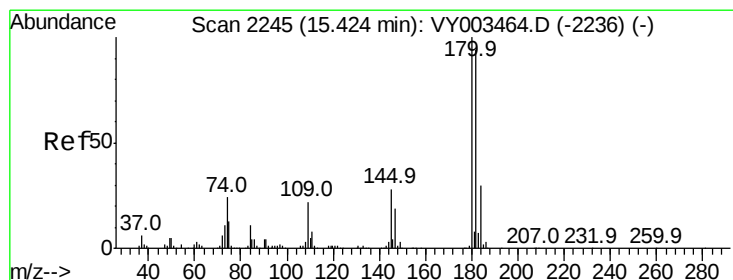
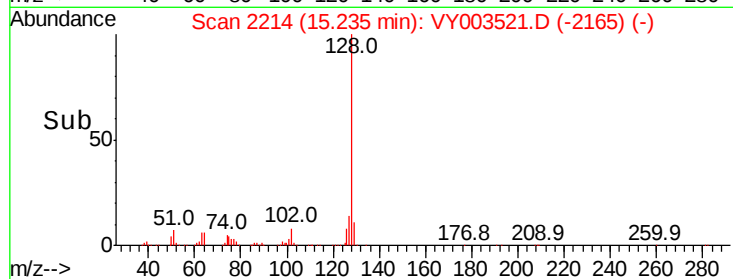
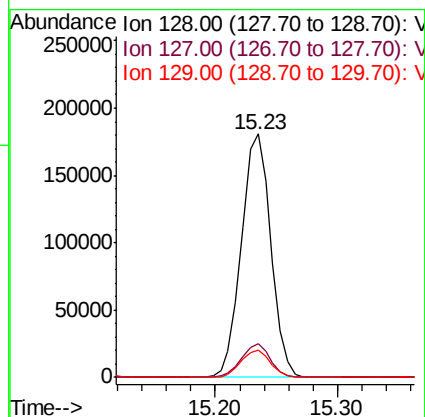
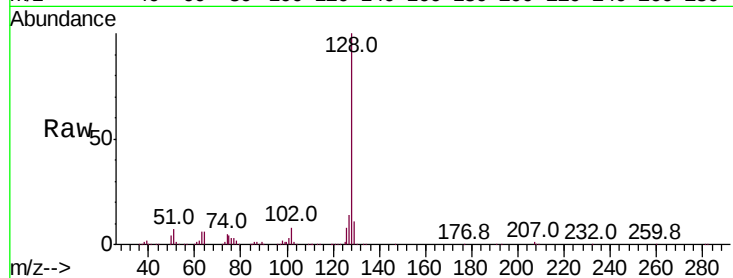




#95
Naphthalene
Concen: 44.253 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.645 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.9	140.7
145	28.6	14.4	43.2

