

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003581.D
 Acq On : 20 Nov 2020 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:56:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	141675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	218404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	73197	49.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.52%
35) Dibromofluoromethane	7.72	113	70305	48.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.94%
50) Toluene-d8	10.17	98	266781	47.79	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.58%
62) 4-Bromofluorobenzene	12.48	95	89767	50.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.34%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	20109	48.161	ug/l	97
3) Chloromethane	2.11	50	42537	43.281	ug/l	97
4) Vinyl Chloride	2.26	62	60380	47.489	ug/l	96
5) Bromomethane	2.66	94	49022	46.093	ug/l	91
6) Chloroethane	2.80	64	42252	47.387	ug/l	97
7) Trichlorofluoromethane	3.13	101	46316	41.295	ug/l	100
8) Diethyl Ether	3.53	74	41294	50.759	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	60982	47.368	ug/l	99
10) Methyl Iodide	4.09	142	105494	48.257	ug/l	99
11) Tert butyl alcohol	5.00	59	28483	256.180	ug/l #	100
12) 1,1-Dichloroethene	3.88	96	67137	48.129	ug/l	94
13) Acrolein	3.74	56	32940	234.686	ug/l	99
14) Allyl chloride	4.48	41	113152	48.388	ug/l	98
15) Acrylonitrile	5.18	53	96418	251.912	ug/l	99
16) Acetone	3.97	43	85697	174.474	ug/l	95
17) Carbon Disulfide	4.20	76	181016	45.079	ug/l	99
18) Methyl Acetate	4.49	43	55026	51.498	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	107616	51.976	ug/l	98
20) Methylene Chloride	4.72	84	82349	53.911	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	76228	48.874	ug/l	97
22) Diisopropyl ether	6.12	45	210600	52.541	ug/l	98
23) Vinyl Acetate	6.07	43	809925	259.959	ug/l	100
24) 1,1-Dichloroethane	6.02	63	134432	50.389	ug/l	99
25) 2-Butanone	7.00	43	139615	219.059	ug/l	99
26) 2,2-Dichloropropane	6.98	77	74886	42.924	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	84474	49.958	ug/l	99
28) Bromochloromethane	7.34	49	70887	54.279	ug/l	99
29) Tetrahydrofuran	7.35	42	85093	254.857	ug/l	99
30) Chloroform	7.51	83	133256	50.053	ug/l	95
31) Cyclohexane	7.79	56	98049	46.104	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	101987	49.573	ug/l	99
36) 1,1-Dichloropropene	7.92	75	101515	47.213	ug/l	99
37) Ethyl Acetate	7.08	43	61744	47.652	ug/l	98
38) Carbon Tetrachloride	7.90	117	97118	48.758	ug/l	99

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

39) Methylcyclohexane	9.18	83	107117	49.021	ug/l	98
40) Benzene	8.16	78	308585	48.413	ug/l	100
41) Methacrylonitrile	7.32	41	34362	44.855	ug/l	92
42) 1,2-Dichloroethane	8.24	62	90490	49.905	ug/l	100
43) Isopropyl Acetate	8.27	43	119899	50.395	ug/l	98
44) Trichloroethene	8.94	130	83599	48.134	ug/l	99
45) 1,2-Dichloropropane	9.22	63	79799	50.505	ug/l	96
46) Dibromomethane	9.30	93	44114	49.027	ug/l	99
47) Bromodichloromethane	9.50	83	107912	50.492	ug/l	100
48) Methyl methacrylate	9.29	41	56171	49.321	ug/l	99
49) 1,4-Dioxane	9.32	88	10779	1045.531	ug/l #	86
51) 4-Methyl-2-Pentanone	10.07	43	304114	266.703	ug/l	100
52) Toluene	10.24	92	194755	49.903	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	111253	49.736	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	127427	50.051	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	62467	48.947	ug/l	95
56) Ethyl methacrylate	10.50	69	84687	54.604	ug/l	99
57) 1,3-Dichloropropane	10.79	76	108744	50.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	209034	262.633	ug/l	100
59) 2-Hexanone	10.83	43	223793	238.079	ug/l	98
60) Dibromochloromethane	10.98	129	79519	51.532	ug/l	98
61) 1,2-Dibromoethane	11.09	107	62294	50.651	ug/l	98
64) Tetrachloroethene	10.72	164	70782	46.833	ug/l	98
65) Chlorobenzene	11.51	112	211712	48.362	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	64898	51.664	ug/l	99
67) Ethyl Benzene	11.59	91	358477	49.974	ug/l	100
68) m/p-Xylenes	11.70	106	274278	99.854	ug/l	98
69) o-Xylene	12.02	106	115496	52.566	ug/l	99
70) Styrene	12.04	104	228478	51.594	ug/l	99
71) Bromoform	12.20	173	51422	50.692	ug/l #	98
73) Isopropylbenzene	12.33	105	254728	50.529	ug/l	100
74) N-amyl acetate	12.14	43	104329	52.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	72048	51.360	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	97231	99.096	ug/l #	100
77) Bromobenzene	12.60	156	90360	48.718	ug/l	99
78) n-propylbenzene	12.67	91	357267	50.445	ug/l	100
79) 2-Chlorotoluene	12.75	91	207067	50.652	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	195199	51.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28951	46.906	ug/l	98
82) 4-Chlorotoluene	12.85	91	243160	48.548	ug/l	100
83) tert-Butylbenzene	13.07	119	188836	49.237	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	211765	52.491	ug/l	100
85) sec-Butylbenzene	13.25	105	216739	49.926	ug/l	99
86) p-Isopropyltoluene	13.36	119	199916	51.324	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	165529	49.028	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	168592	48.728	ug/l	99
89) n-Butylbenzene	13.69	91	215792	51.774	ug/l	99
90) Hexachloroethane	13.95	117	50673	49.199	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	138537	51.408	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	9791	53.587	ug/l	97

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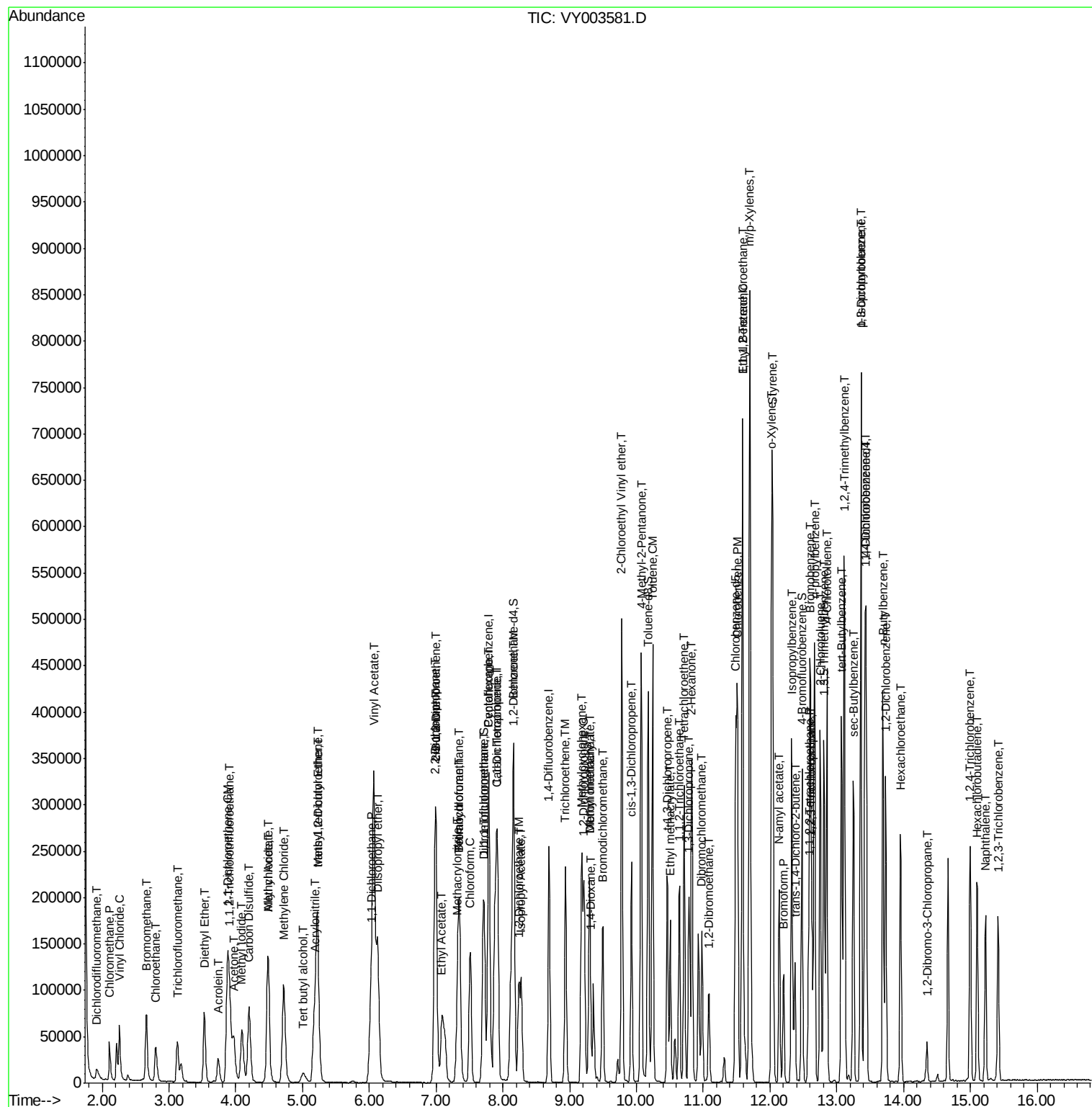
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	79416	52.546	ug/l	100
94) Hexachlorobutadiene	15.11	225	38907	46.154	ug/l	98
95) Naphthalene	15.23	128	144198	55.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	60736	54.667	ug/l	98

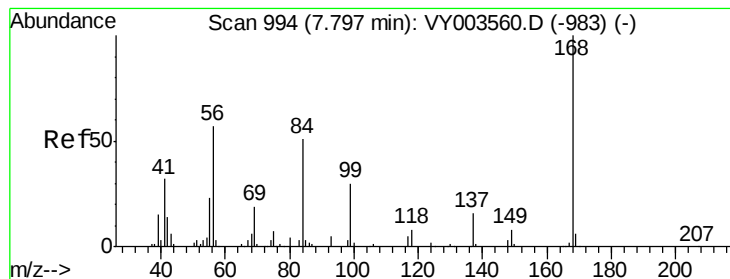
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

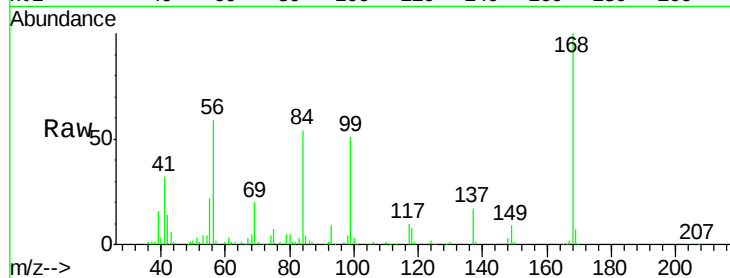
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 141675

Ion Ratio Lower Upper

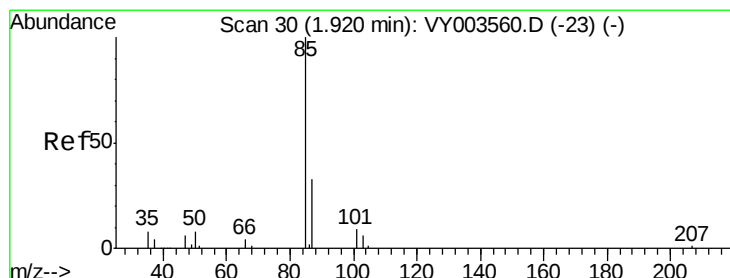
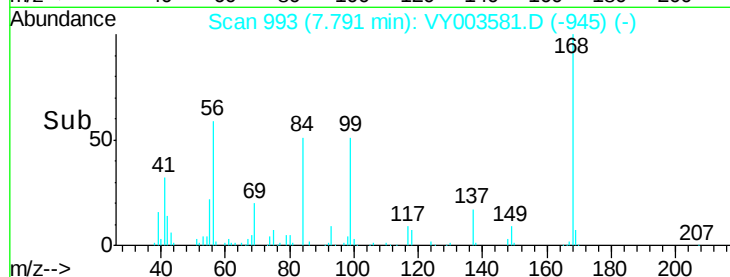
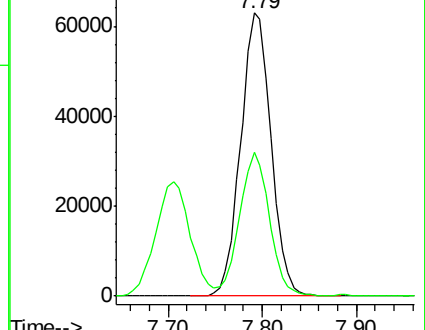
168 100

99 50.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 48.161 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY003581.D

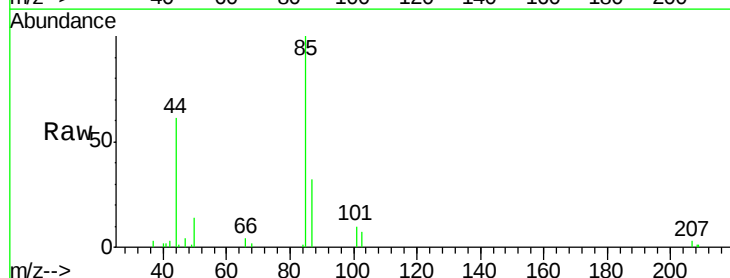
Acq: 20 Nov 2020 20:15

Tgt Ion: 85 Resp: 20109

Ion Ratio Lower Upper

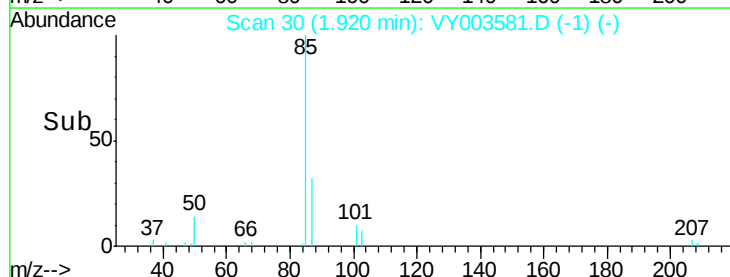
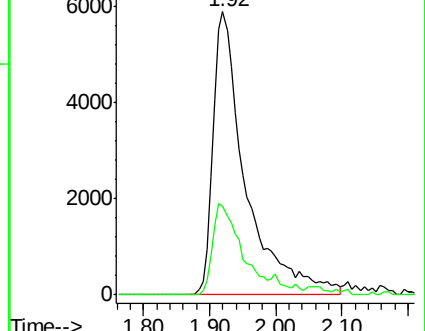
85 100

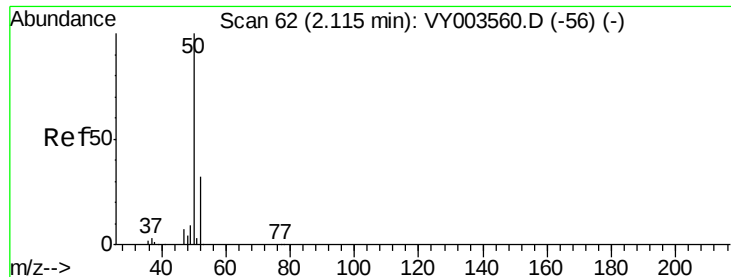
87 31.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003560.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY003560.D (-23) (-)





#3

Chloromethane

Concen: 43.281 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

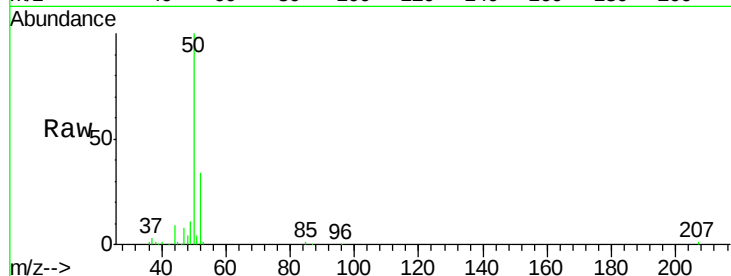
ClientSampled :

Tot Ion: 50 Resp: 42537

Ion Ratio Lower Upper

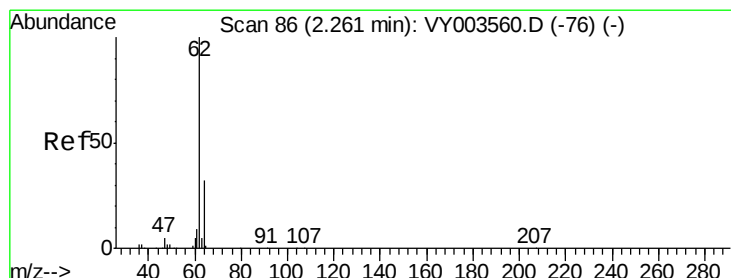
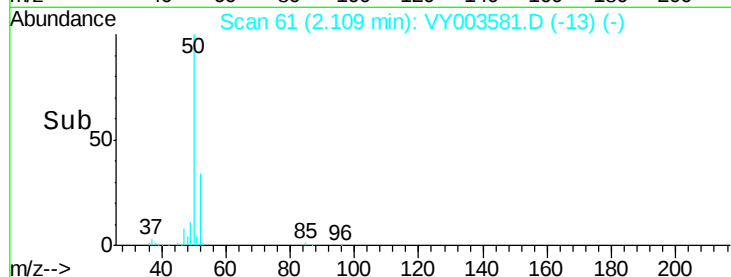
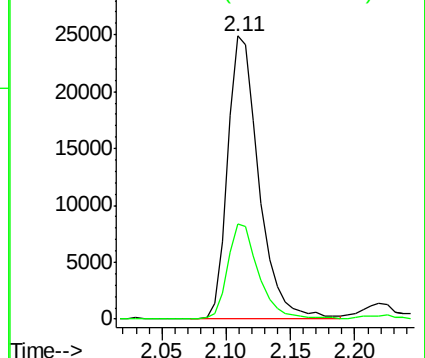
50 100

52 33.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.489 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003581.D

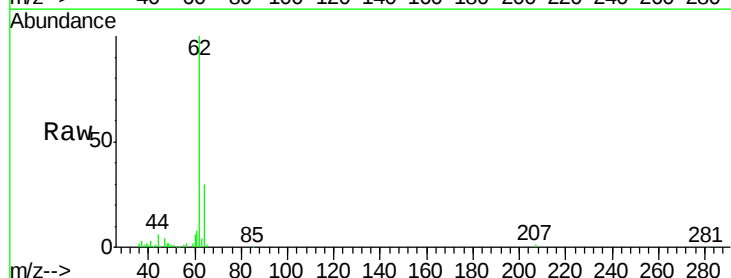
Acq: 20 Nov 2020 20:15

Tgt Ion: 62 Resp: 60380

Ion Ratio Lower Upper

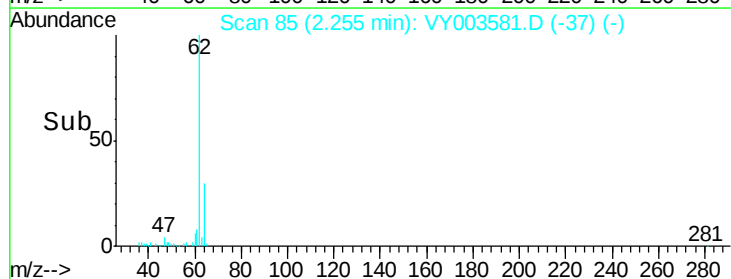
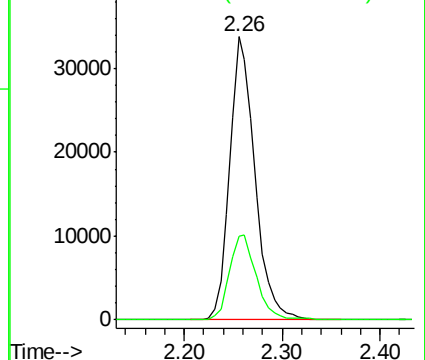
62 100

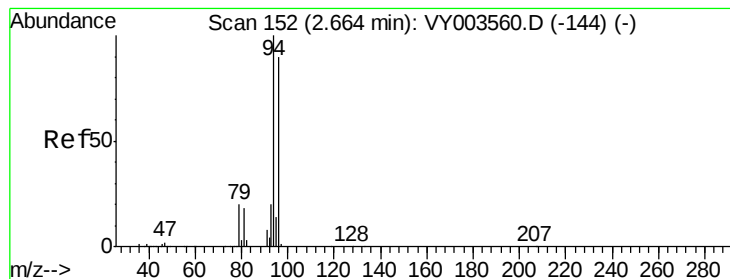
64 29.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.093 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

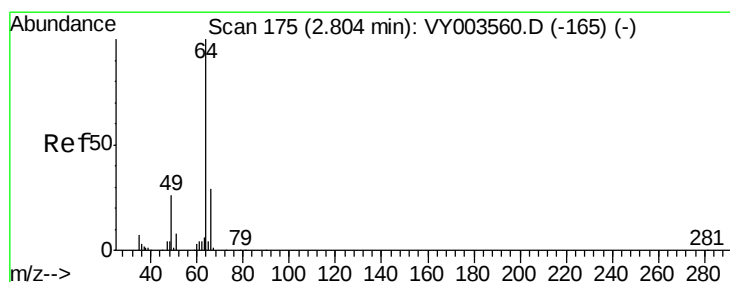
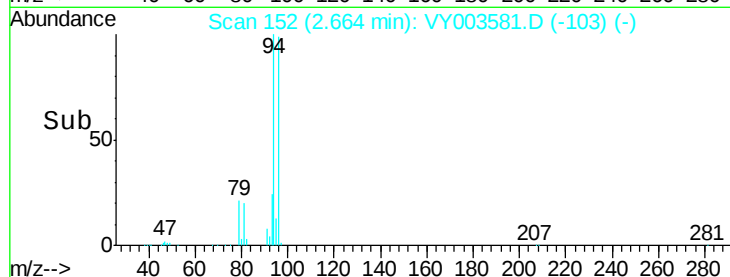
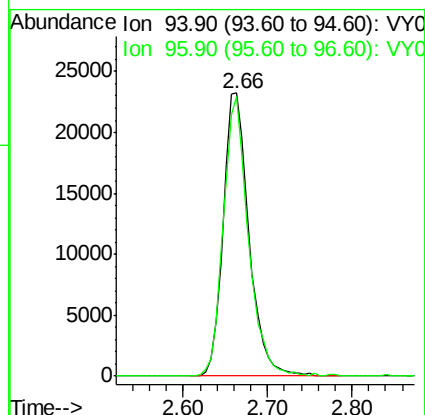
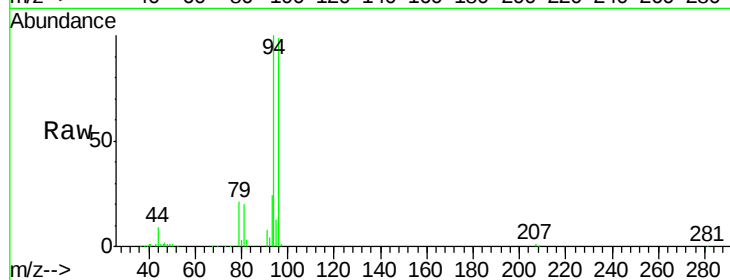
ClientSampled :

Tot Ion: 94 Resp: 49022

Ion Ratio Lower Upper

94 100

96 98.6 71.9 107.9



#6

Chloroethane

Concen: 47.387 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003581.D

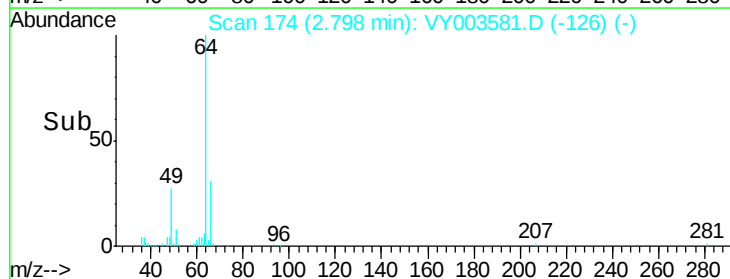
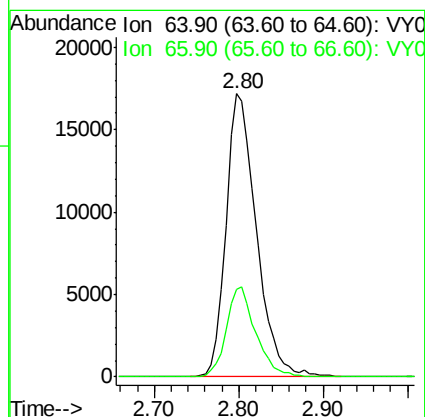
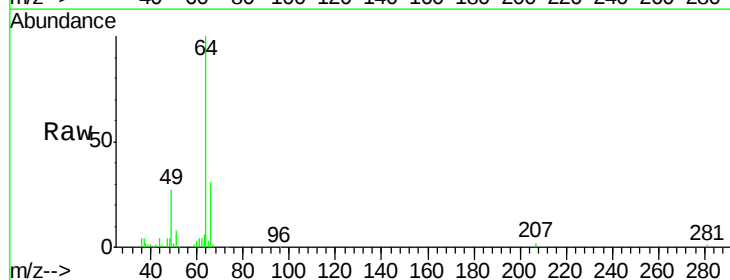
Acq: 20 Nov 2020 20:15

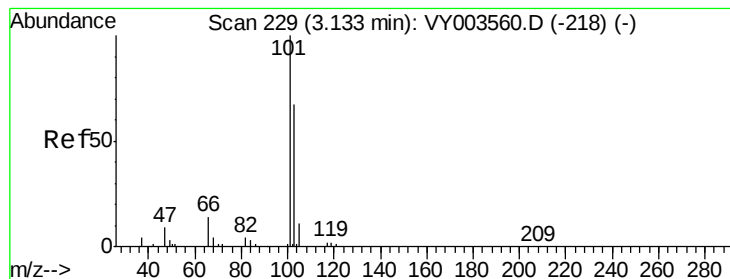
Tgt Ion: 64 Resp: 42252

Ion Ratio Lower Upper

64 100

66 31.0 23.6 35.4



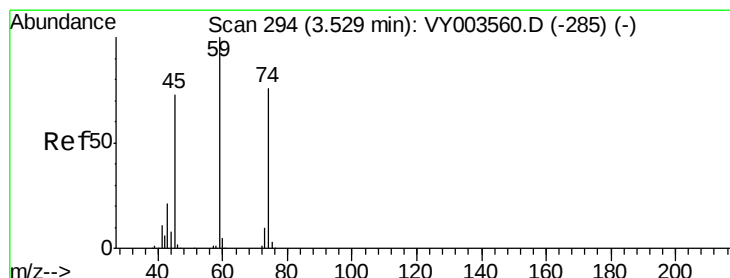
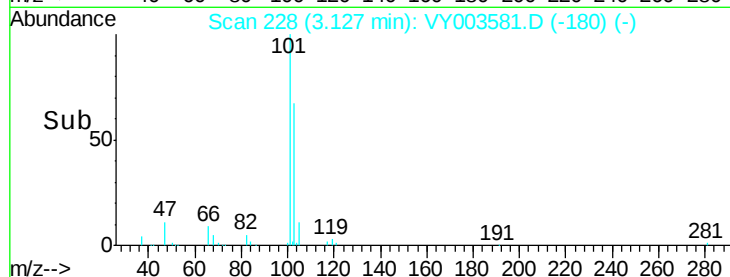
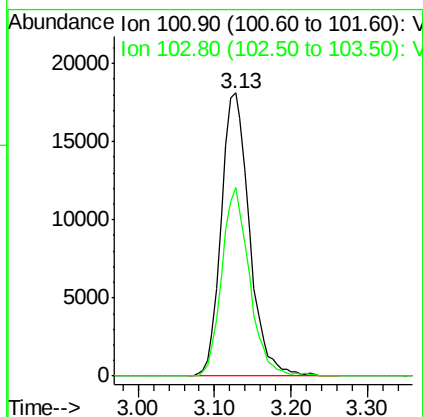
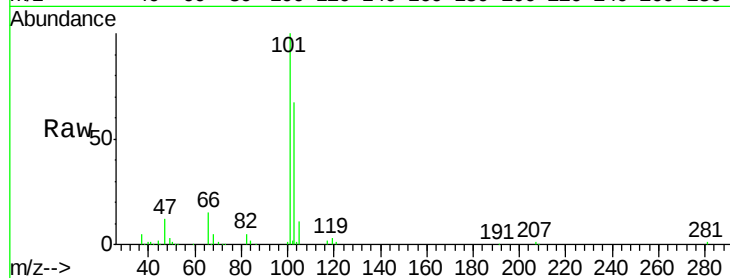


#7

Trichlorofluoromethane
 Concen: 41.295 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Instrument :
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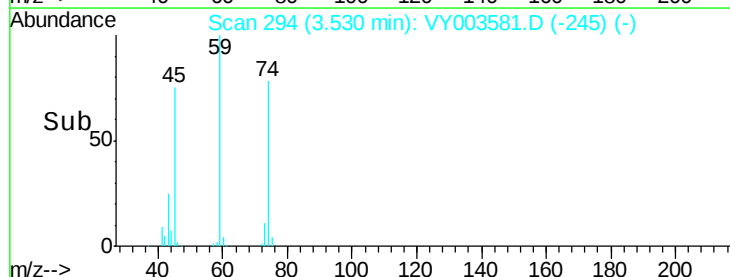
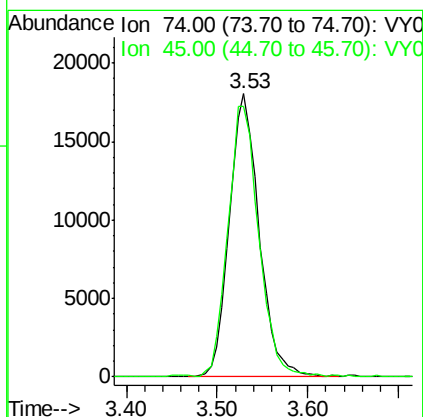
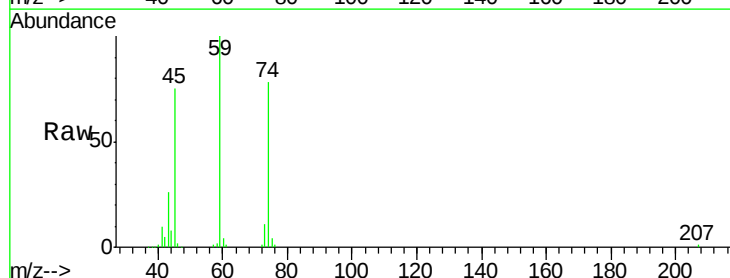
Tot Ion:101 Resp: 46316
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.3 79.9

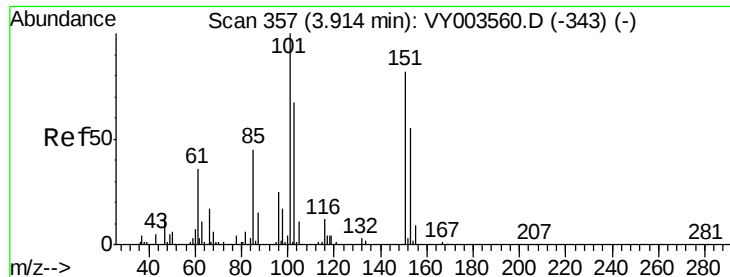


#8

Diethyl Ether
 Concen: 50.759 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion: 74 Resp: 41294
 Ion Ratio Lower Upper
 74 100
 45 99.0 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.368 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

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ClientSampleId :

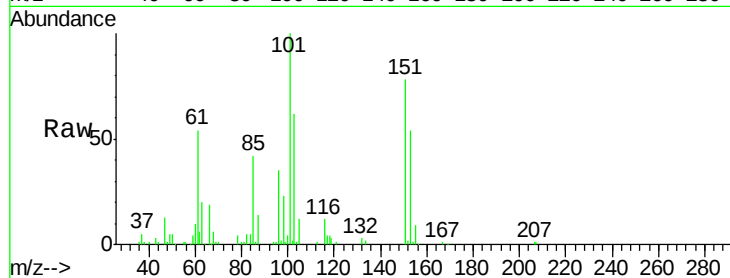
Tot Ion:101 Resp: 60982

Ion Ratio Lower Upper

101 100

85 45.2 35.9 53.9

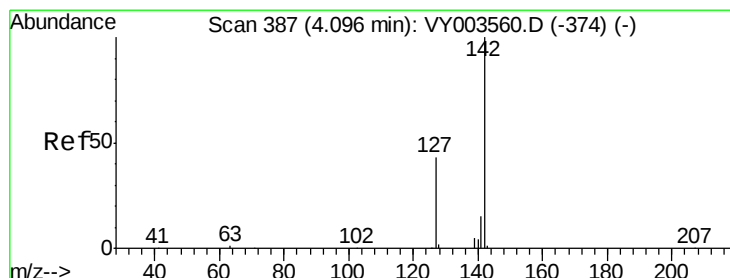
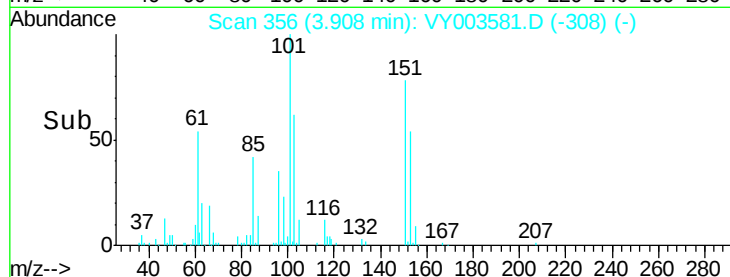
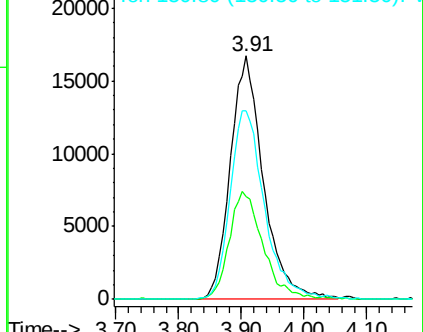
151 80.4 65.4 98.0



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: 48.257 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

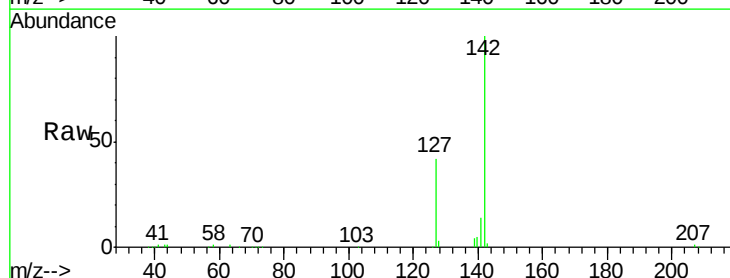
Tgt Ion:142 Resp: 105494

Ion Ratio Lower Upper

142 100

127 42.1 34.2 51.2

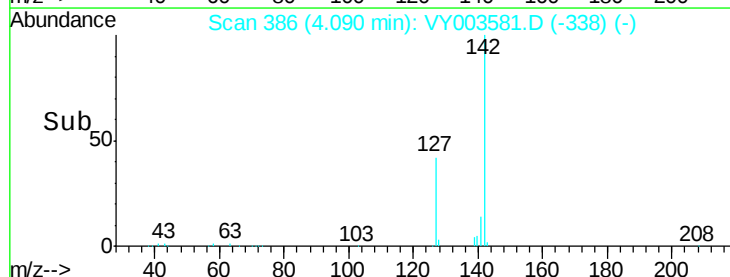
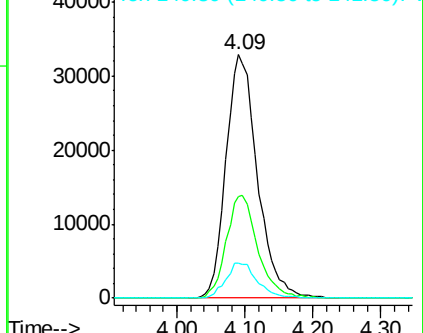
141 14.3 11.5 17.3

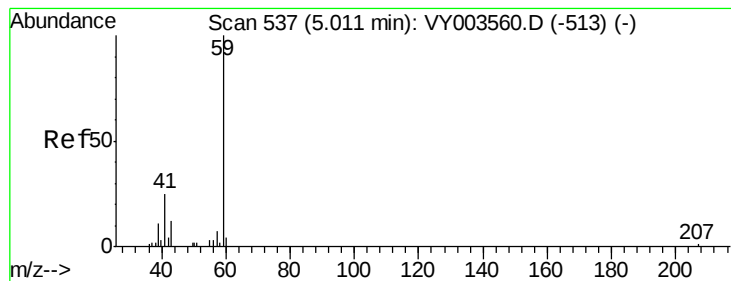


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



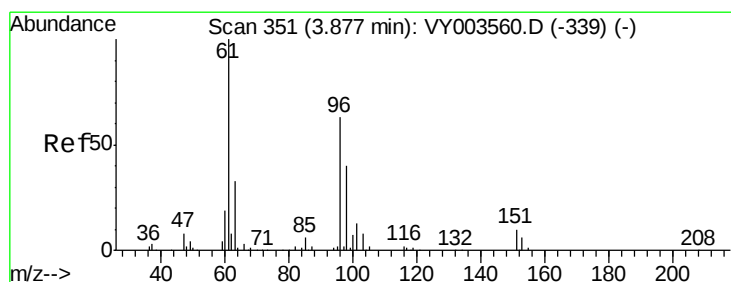
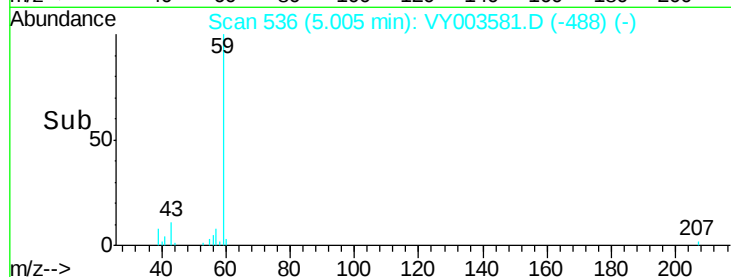
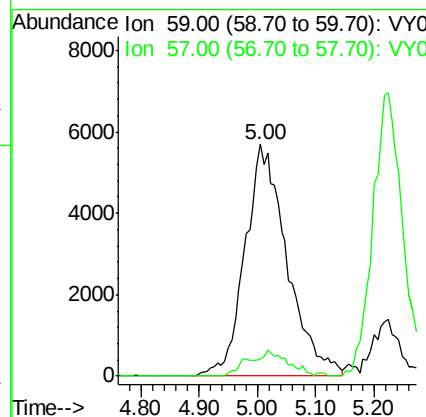
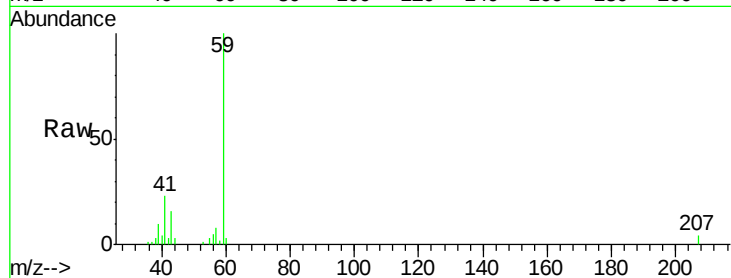


#11

Tert butyl alcohol
Concen: 256.180 ug/l
RT: 5.00 min Scan# 536
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :

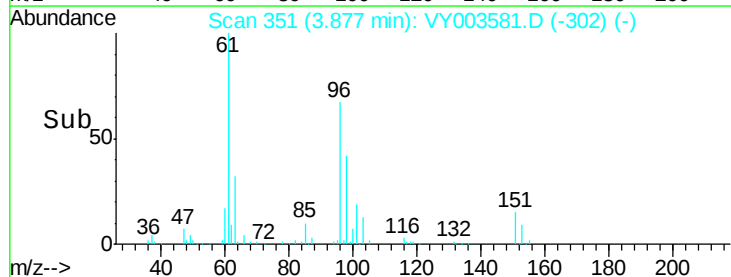
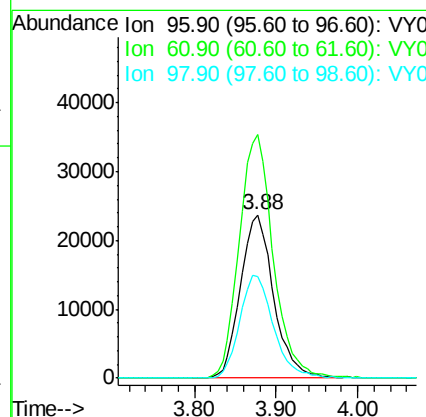
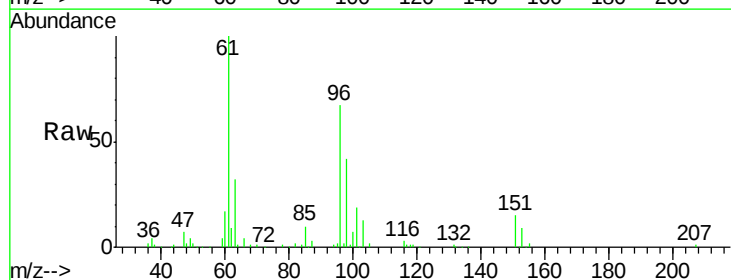
Tot Ion: 59 Resp: 28483
Ion Ratio Lower Upper
59 100
57 6.9 0.0 0.0#

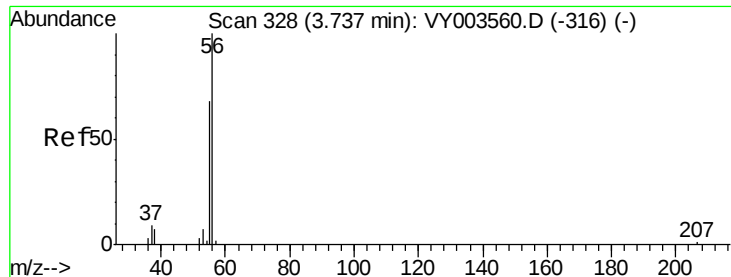


#12

1,1-Dichloroethene
Concen: 48.129 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion: 96 Resp: 67137
Ion Ratio Lower Upper
96 100
61 149.2 127.3 190.9
98 62.5 50.6 76.0





#13

Acrolein

Concen: 234.686 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

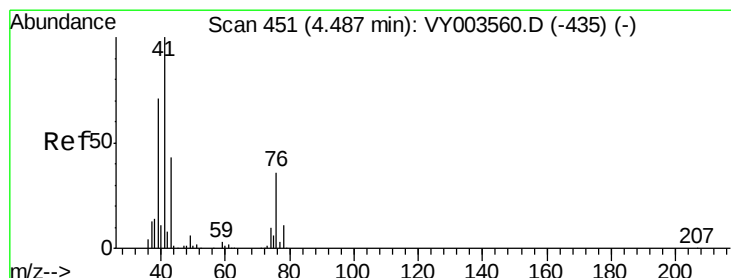
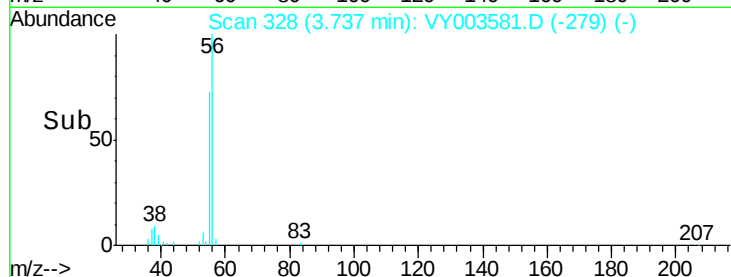
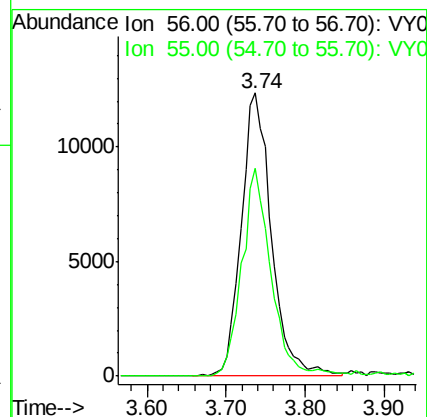
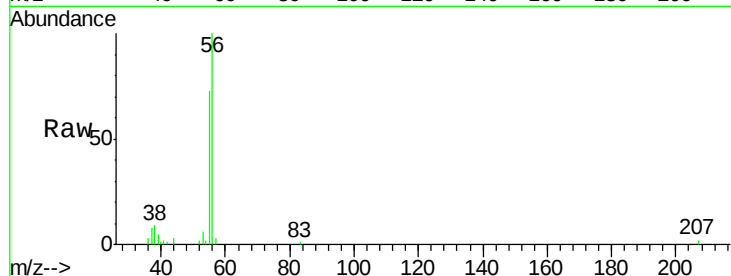
ClientSampled :

Tot Ion: 56 Resp: 32940

Ion Ratio Lower Upper

56 100

55 69.0 54.6 81.8



#14

Allyl chloride

Concen: 48.388 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

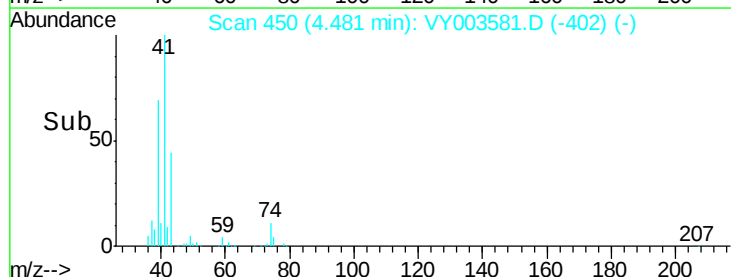
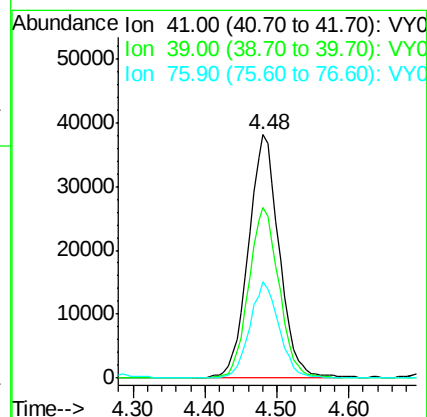
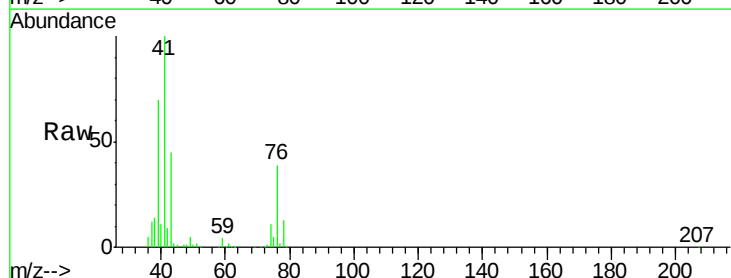
Tgt Ion: 41 Resp: 113152

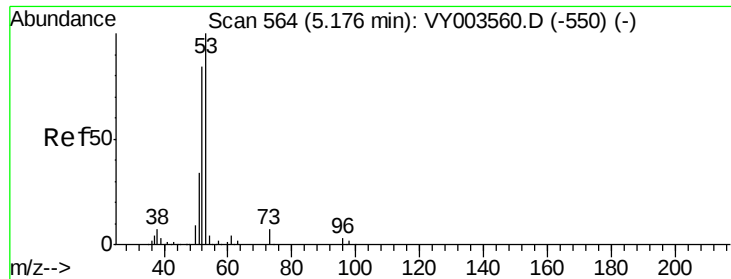
Ion Ratio Lower Upper

41 100

39 68.8 54.2 81.2

76 37.5 28.9 43.3





#15

Acrylonitrile

Concen: 251.912 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :

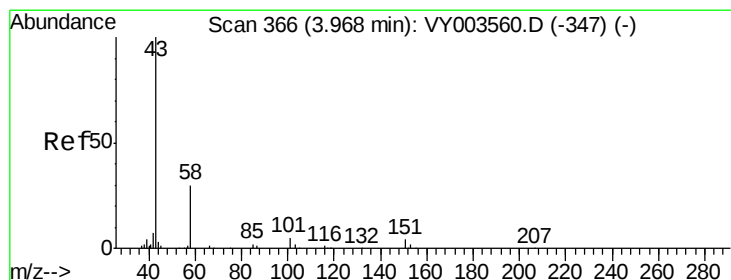
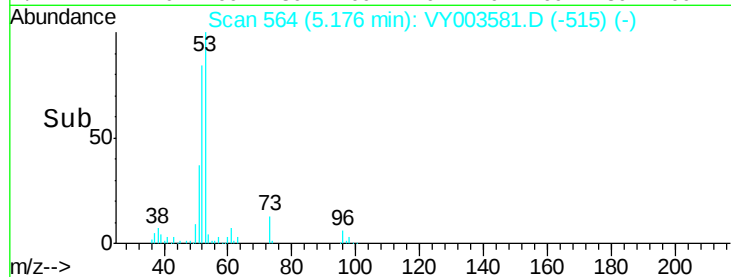
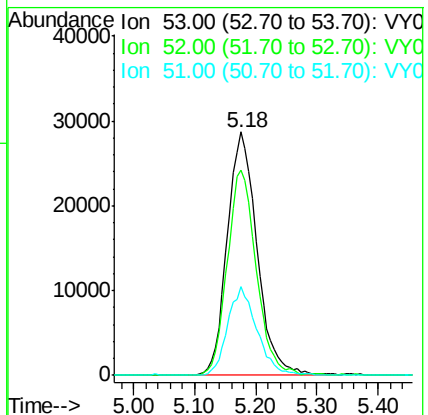
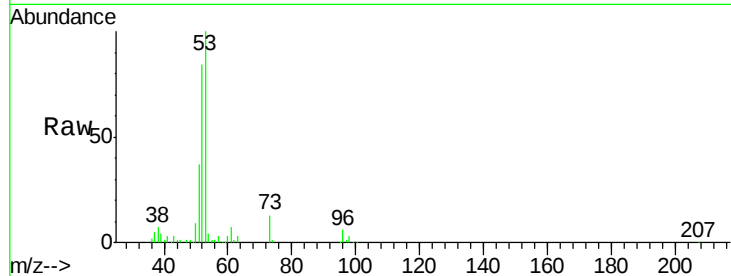
Tot Ion: 53 Resp: 96418

Ion Ratio Lower Upper

53 100

52 81.9 66.4 99.6

51 35.7 29.0 43.4



#16

Acetone

Concen: 174.474 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY003581.D

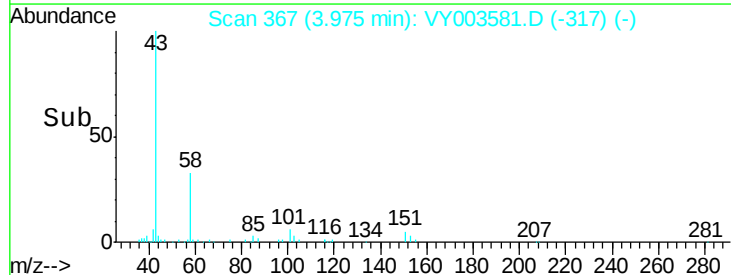
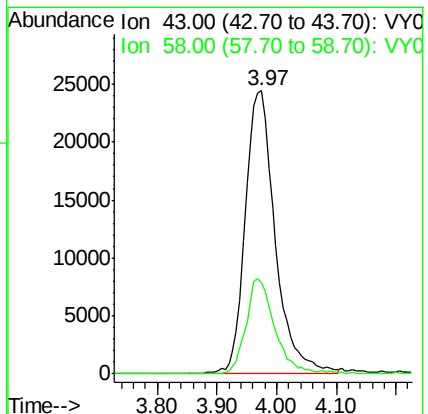
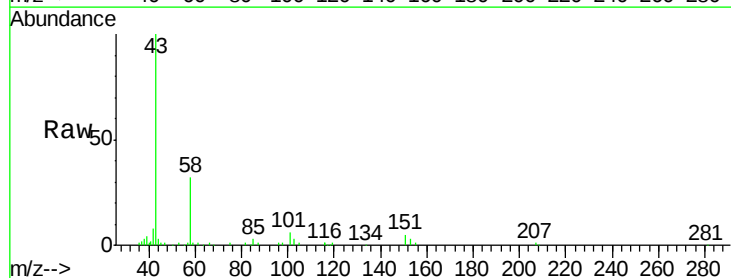
Acq: 20 Nov 2020 20:15

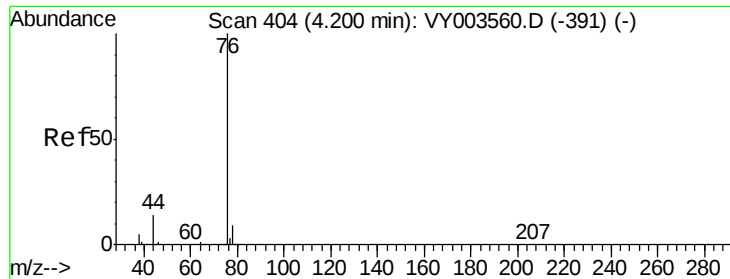
Tgt Ion: 43 Resp: 85697

Ion Ratio Lower Upper

43 100

58 32.5 23.8 35.8

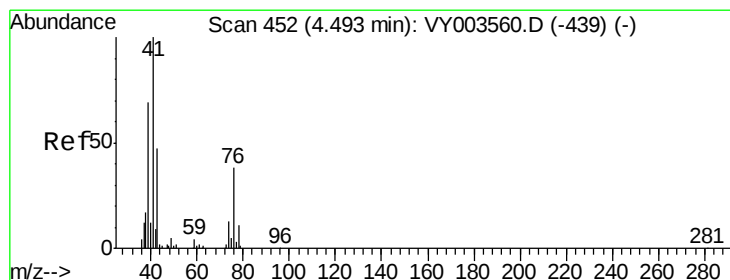
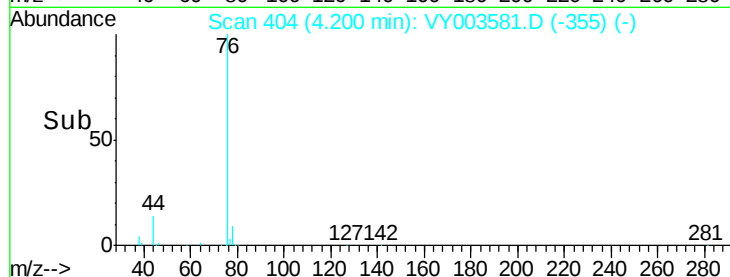
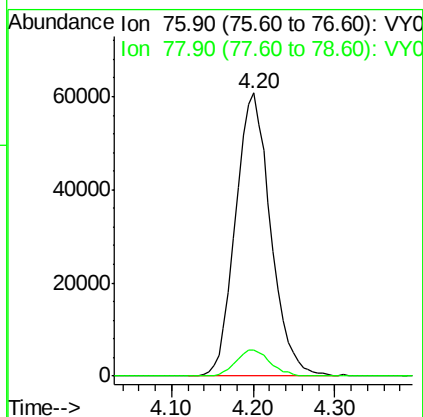
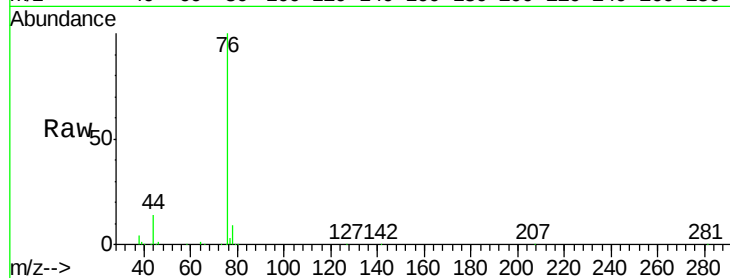




#17
Carbon Disulfide
Concen: 45.079 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

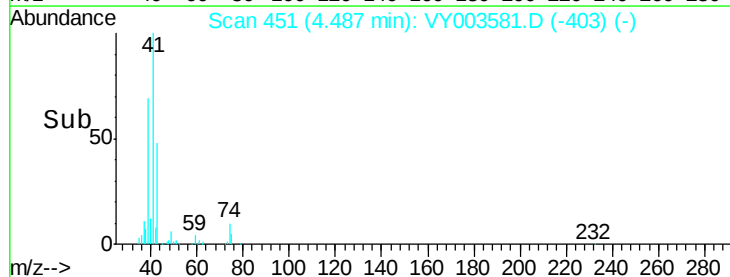
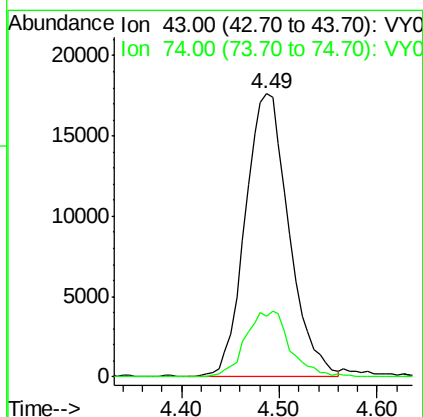
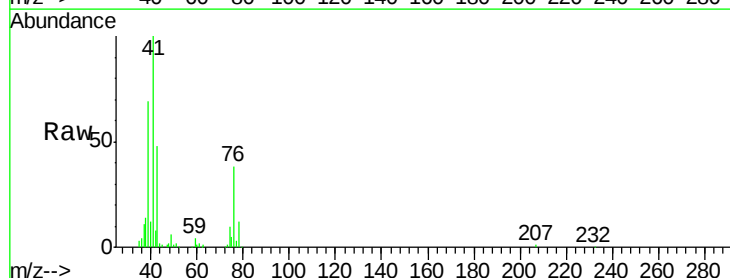
Instrument :
MSVOA_Y
ClientSampleId :

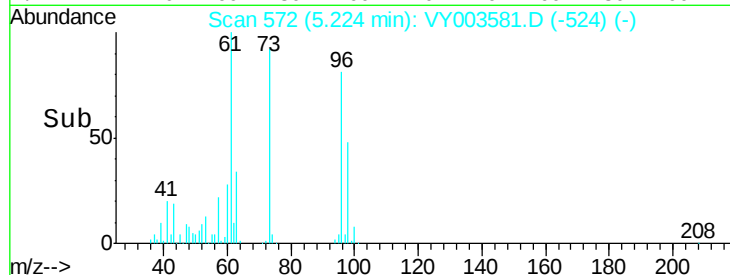
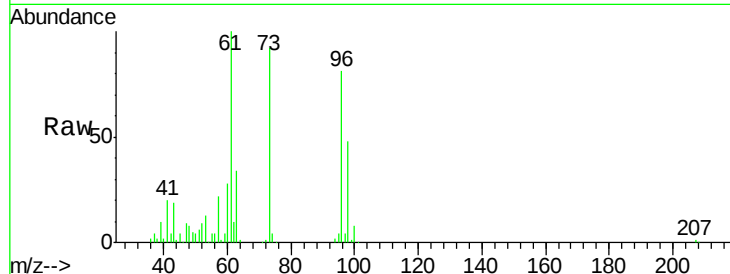
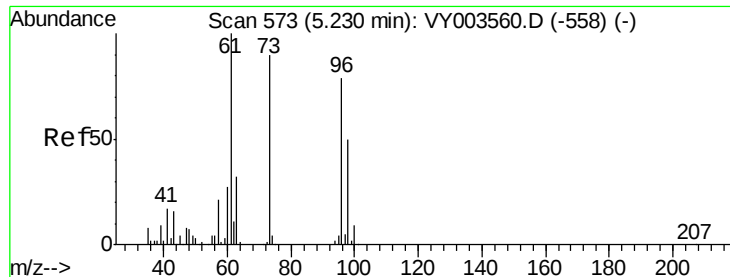
Tot Ion: 76 Resp: 181016
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 51.498 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

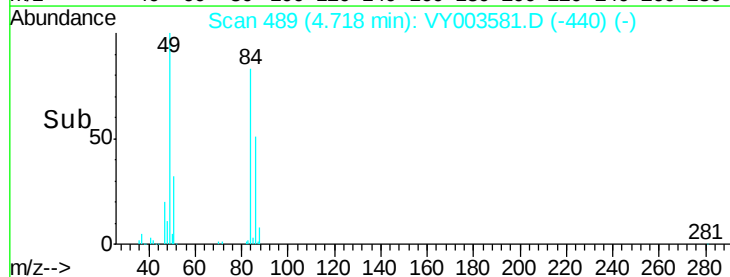
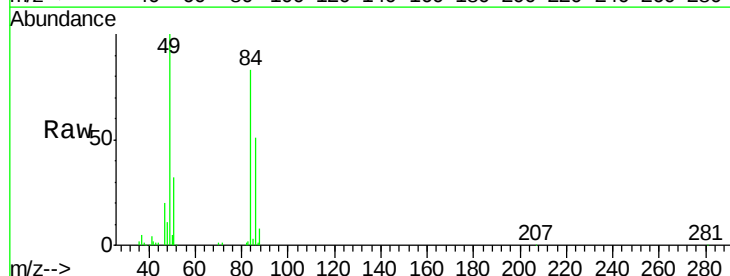
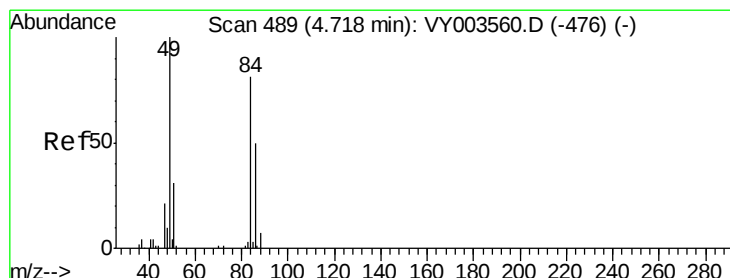
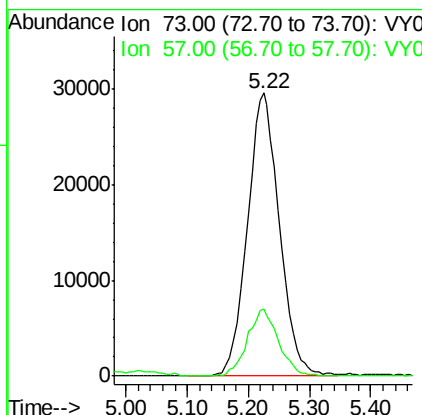
Tgt Ion: 43 Resp: 55026
Ion Ratio Lower Upper
43 100
74 23.5 18.9 28.3





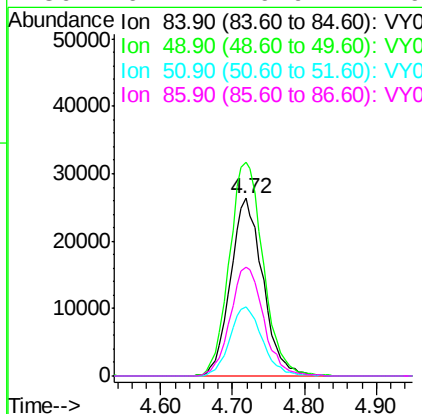
#19
Methvl tert-butvl Ether
Concen: 51.976 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

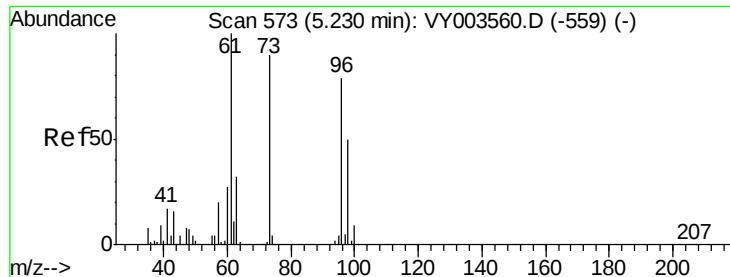
Tot Ion: 73 Resp: 107616
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.2



#20
Methylene Chloride
Concen: 53.911 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion: 84 Resp: 82349
Ion Ratio Lower Upper
84 100
49 120.1 99.0 148.6
51 38.6 30.5 45.7
86 61.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.874 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

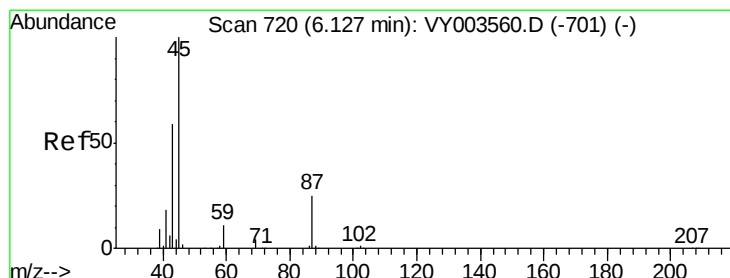
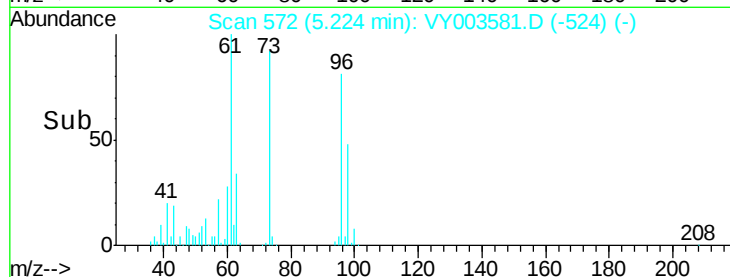
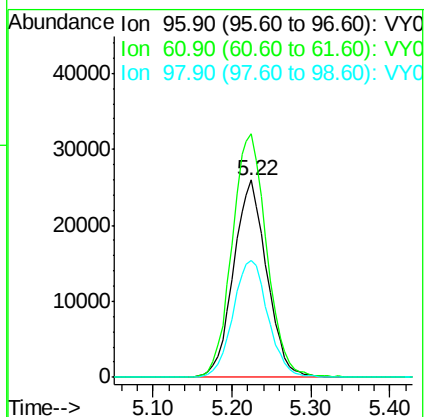
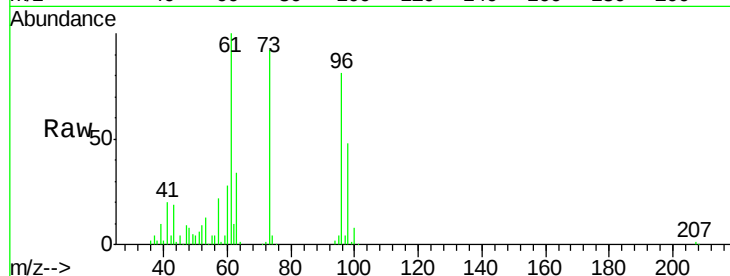
Tot Ion: 96 Resp: 76228

Ion Ratio Lower Upper

96 100

61 123.5 101.0 151.4

98 59.4 50.2 75.2



#22

Diisopropyl ether

Concen: 52.541 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion: 45 Resp: 210600

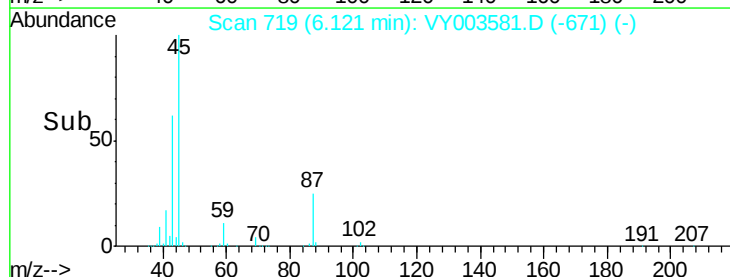
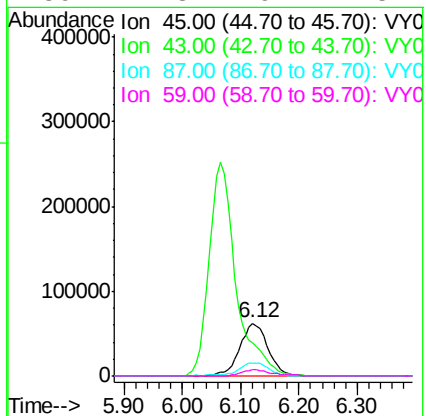
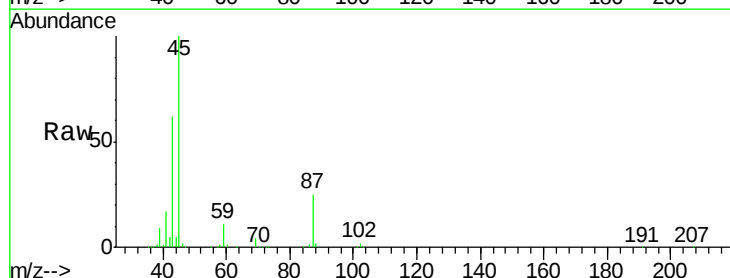
Ion Ratio Lower Upper

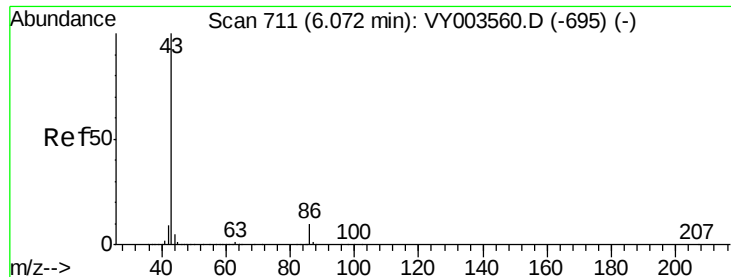
45 100

43 61.7 48.1 72.1

87 24.3 20.3 30.5

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 259.959 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

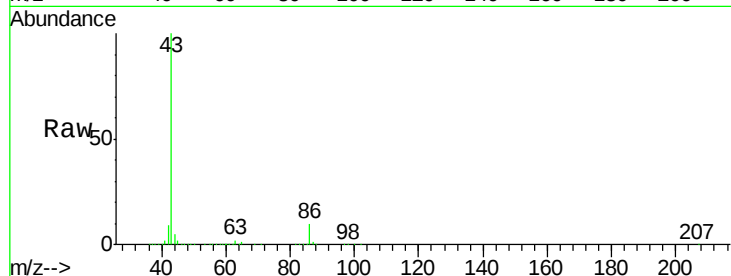
ClientSampled :

Tot Ion: 43 Resp: 809925

Ion Ratio Lower Upper

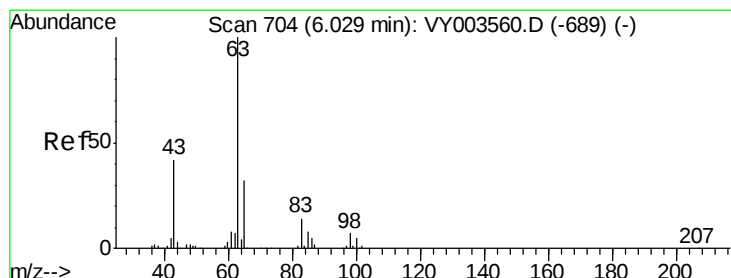
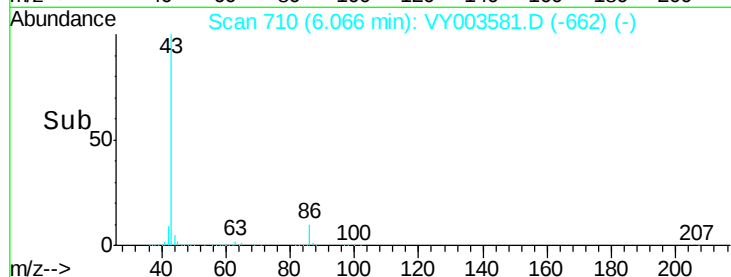
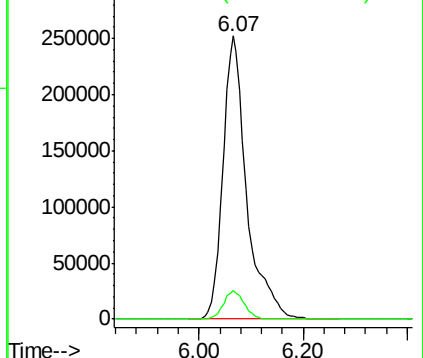
43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.389 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

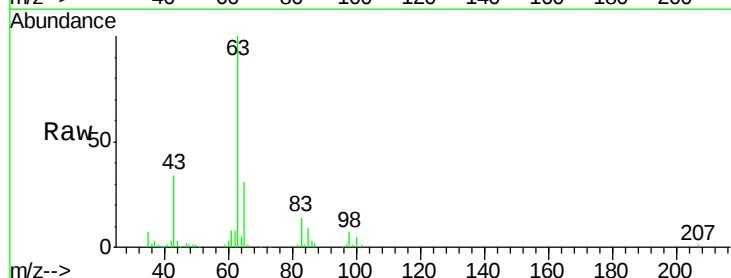
Tgt Ion: 63 Resp: 134432

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

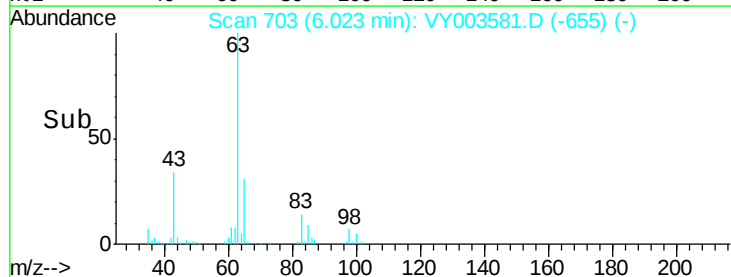
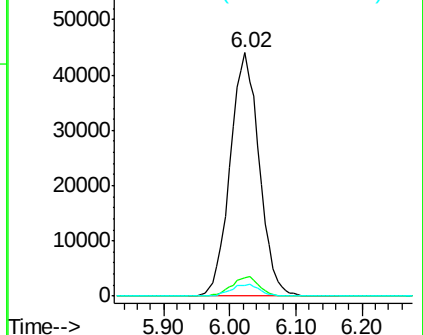
100 4.6 2.5 7.4

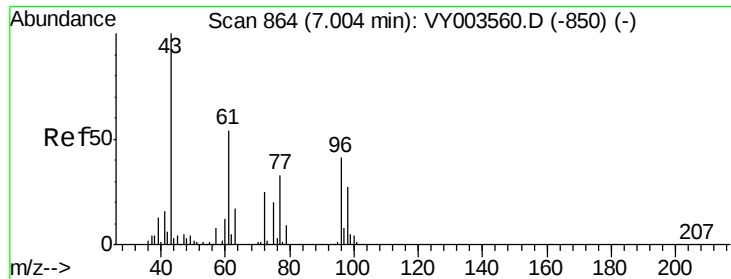


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

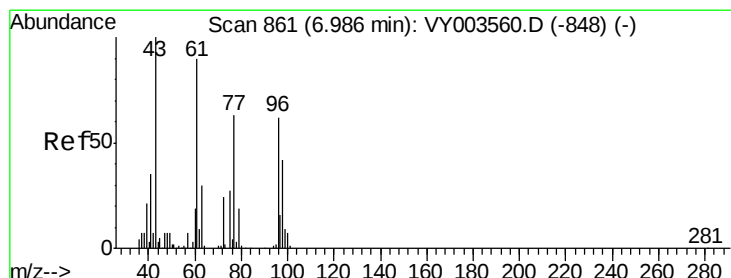
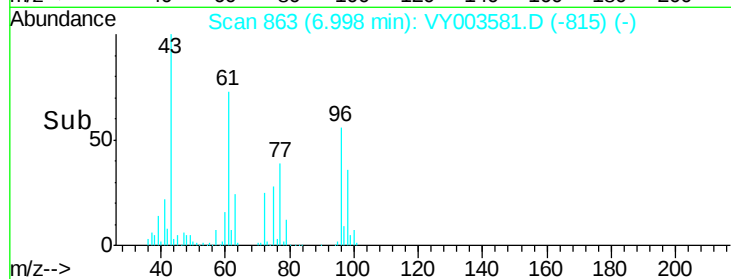
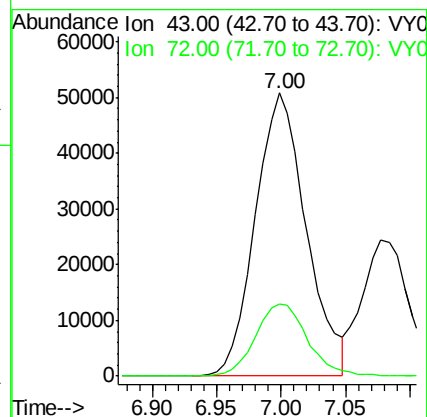
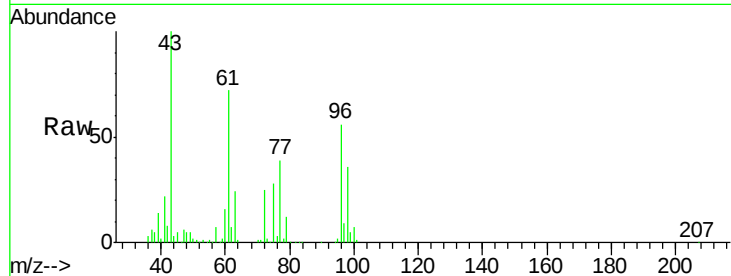




#25
2-Butanone
Concen: 219.059 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

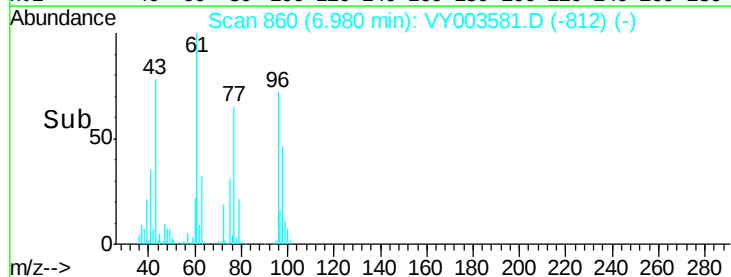
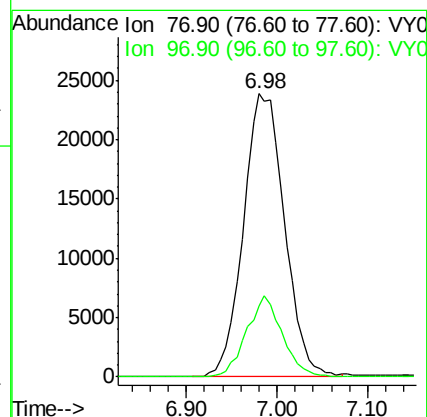
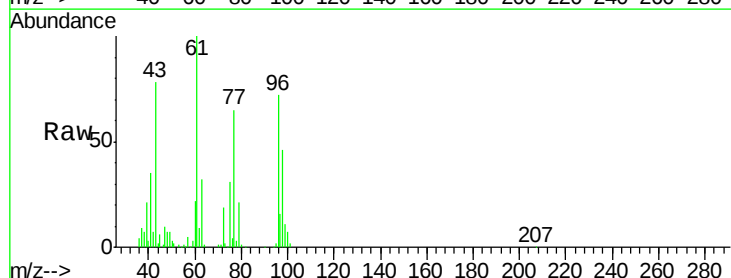
Instrument :
MSVOA_Y
ClientSampleId :

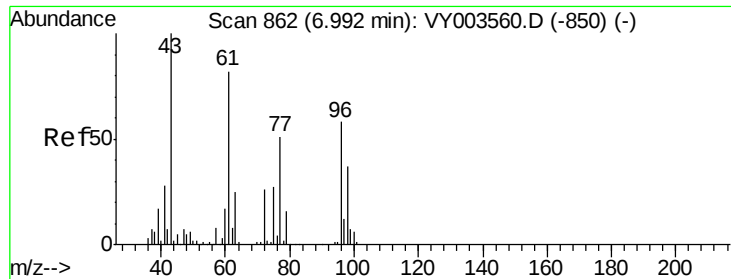
Tot Ion: 43 Resp: 139615
Ion Ratio Lower Upper
43 100
72 25.4 19.8 29.8



#26
2,2-Dichloropropane
Concen: 42.924 ug/l
RT: 6.98 min Scan# 860
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion: 77 Resp: 74886
Ion Ratio Lower Upper
77 100
97 24.8 12.2 36.6



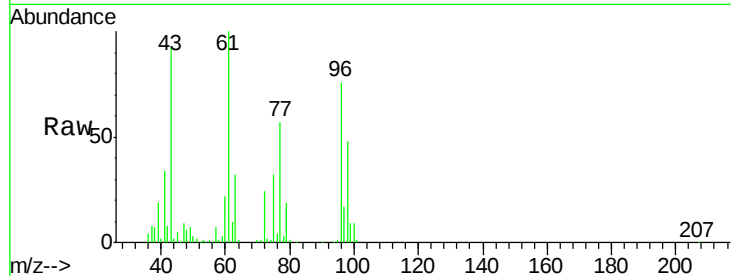


#27

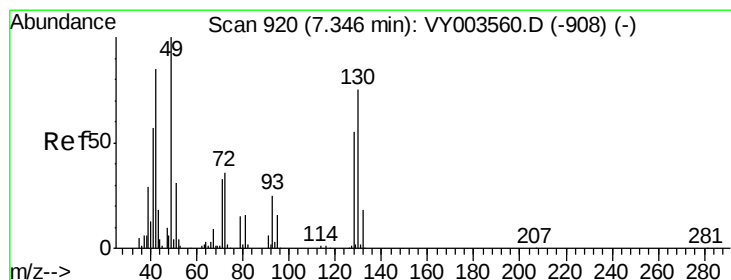
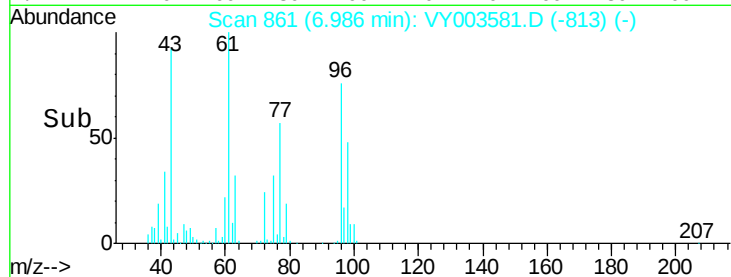
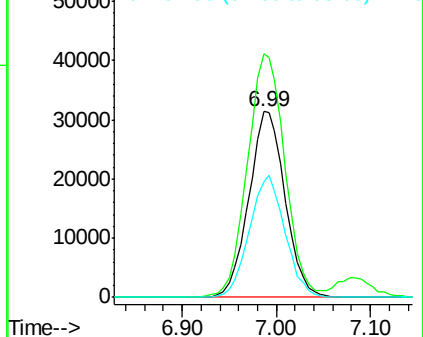
cis-1,2-Dichloroethene
 Concen: 49.958 ug/l
 RT: 6.99 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 84474
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 274.6
 98 64.7 0.0 130.6



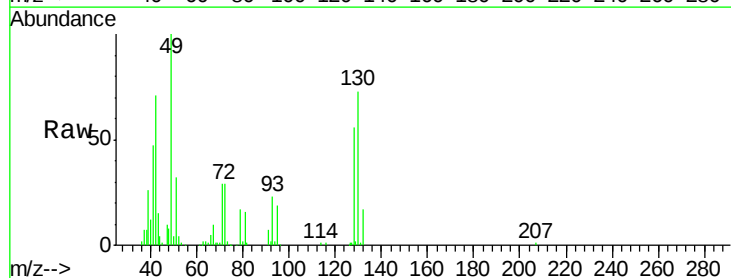
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



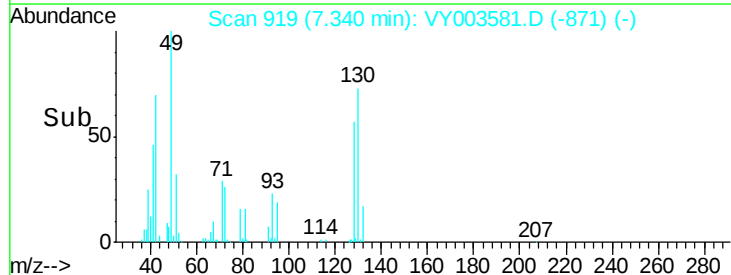
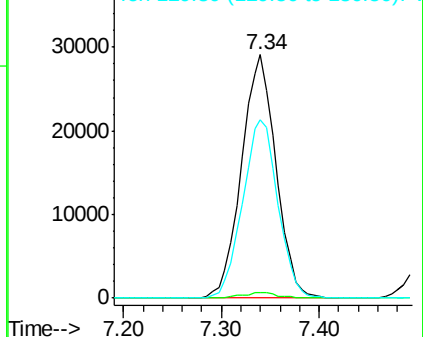
#28

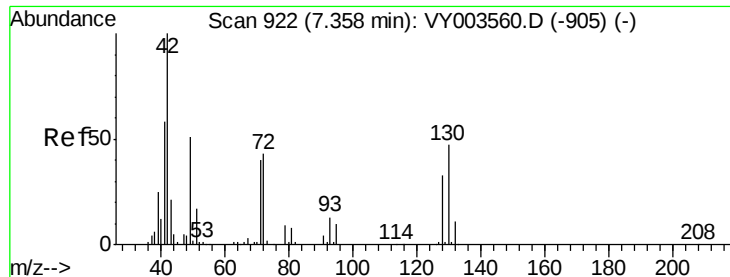
Bromochloromethane
 Concen: 54.279 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion: 49 Resp: 70887
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 75.1 61.0 91.6



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 254.857 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampled :

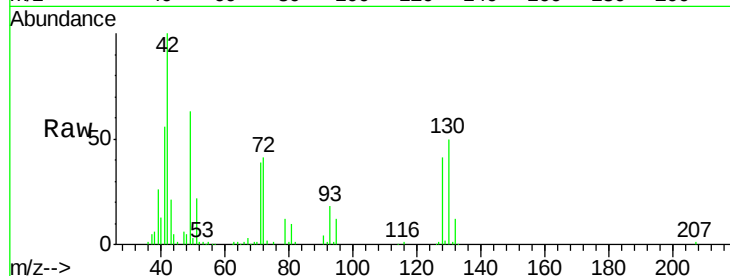
Tot Ion: 42 Resp: 85093

Ion Ratio Lower Upper

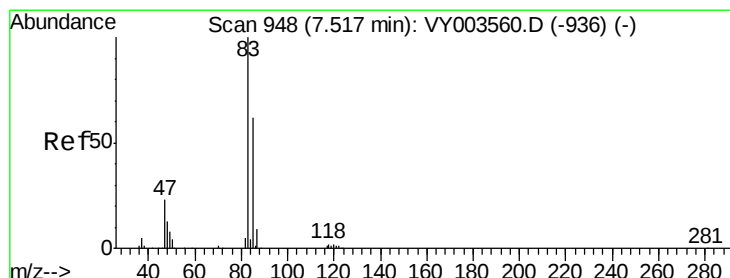
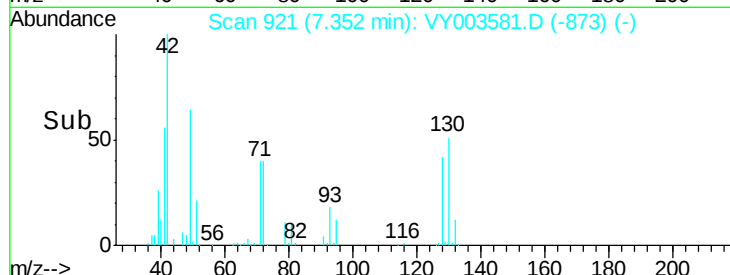
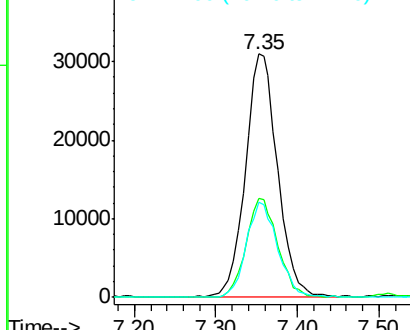
42 100

72 39.8 32.6 49.0

71 38.1 30.2 45.2



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



#30

Chloroform

Concen: 50.053 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003581.D

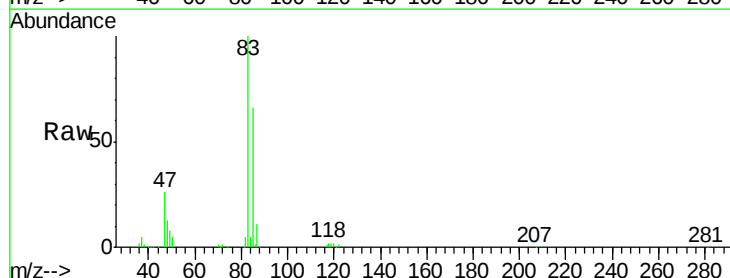
Acq: 20 Nov 2020 20:15

Tgt Ion: 83 Resp: 133256

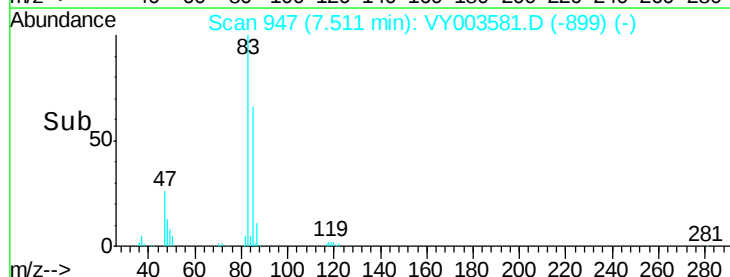
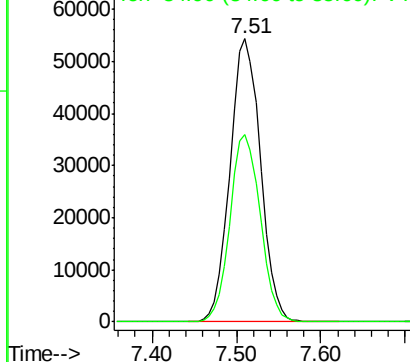
Ion Ratio Lower Upper

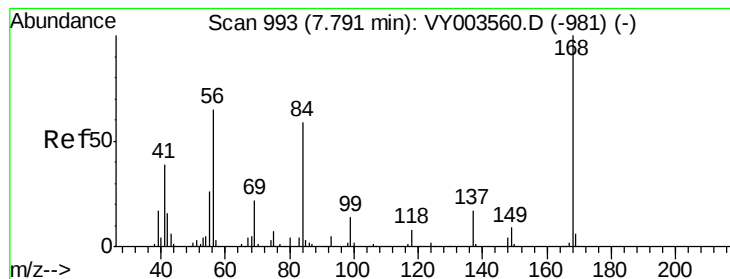
83 100

85 66.2 49.6 74.4



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





#31

Cyclohexane

Concen: 46.104 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampled :

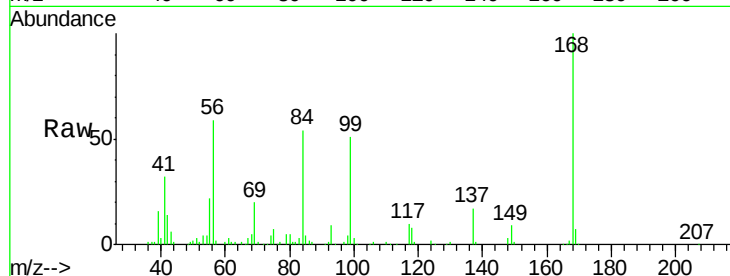
Tot Ion: 56 Resp: 98049

Ion Ratio Lower Upper

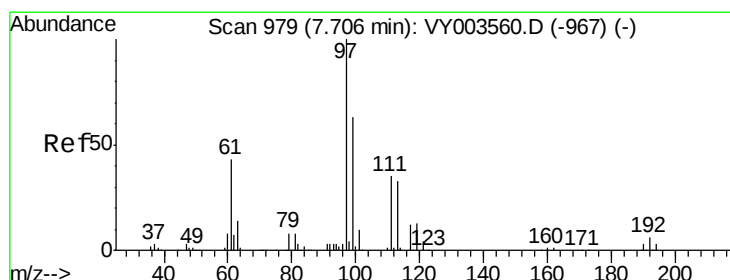
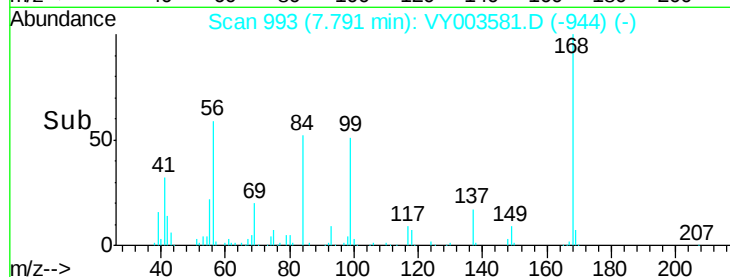
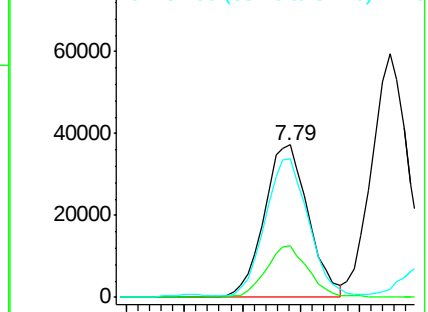
56 100

69 33.8 27.0 40.6

84 88.3 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 49.573 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

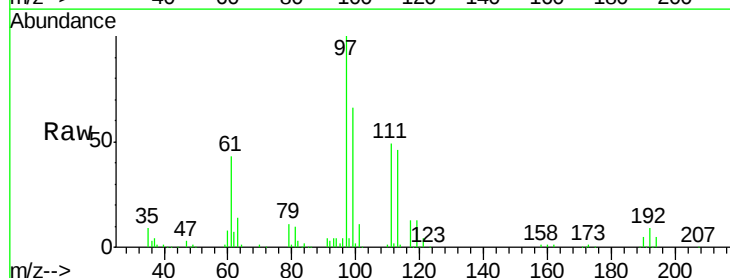
Tgt Ion: 97 Resp: 101987

Ion Ratio Lower Upper

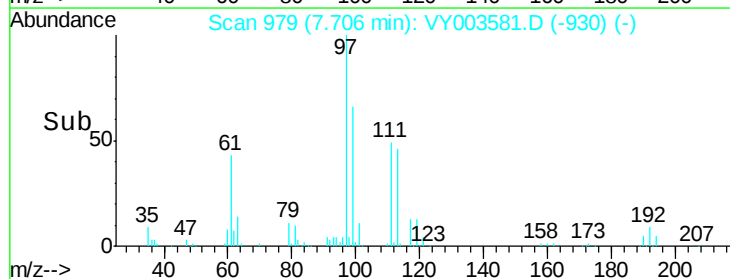
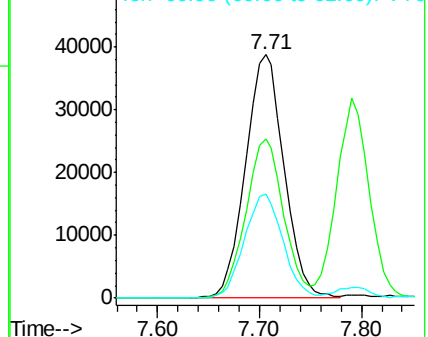
97 100

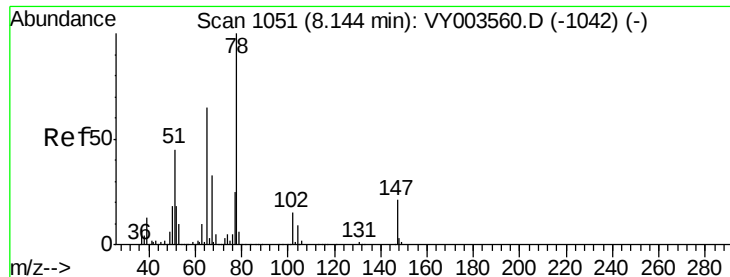
99 63.8 50.2 75.2

61 42.8 34.1 51.1



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





#33

1,2-Dichloroethane-d4

Concen: 49.758 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

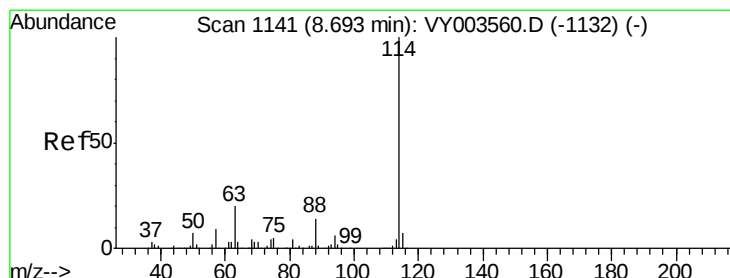
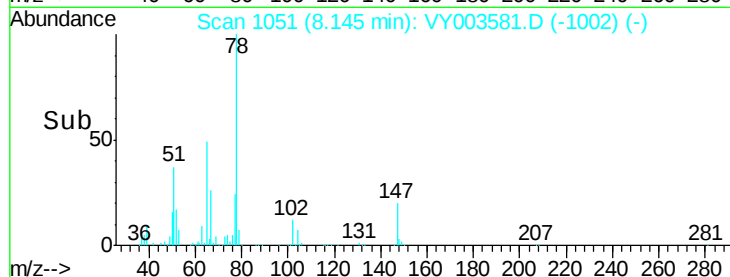
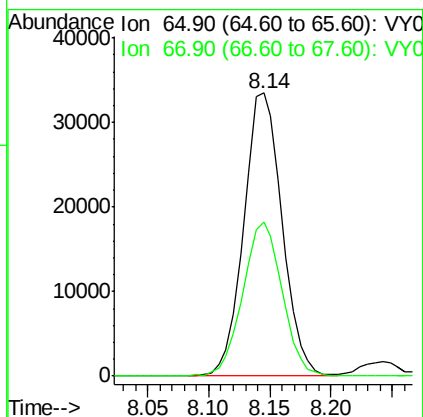
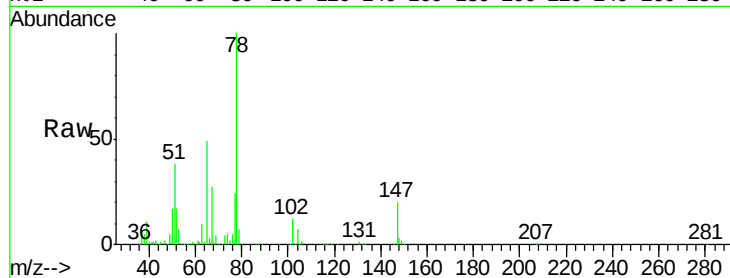
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 73197

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

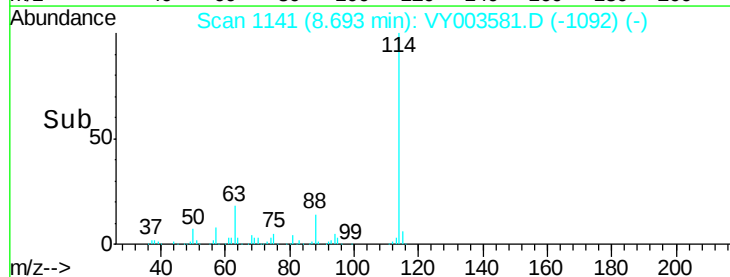
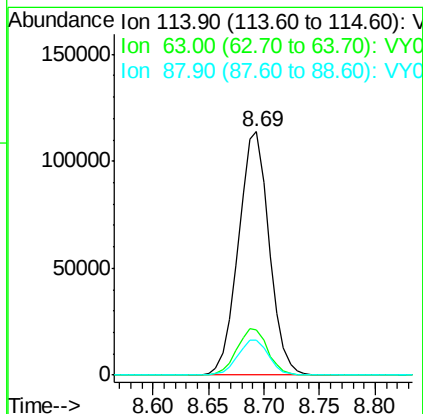
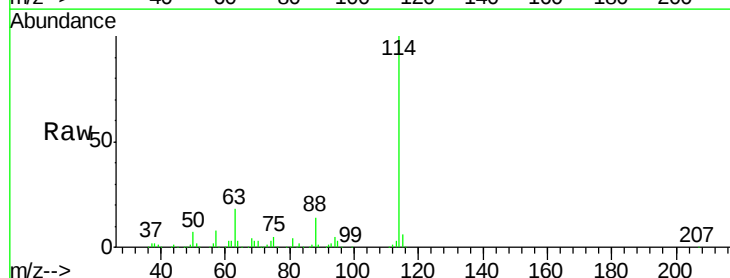
Tgt Ion: 114 Resp: 218404

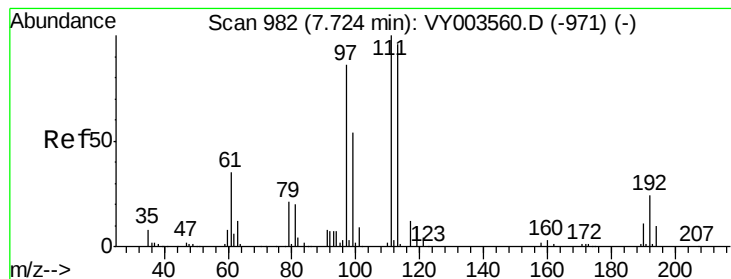
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.8

88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.971 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

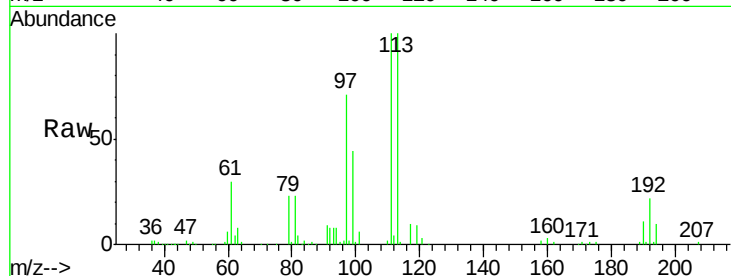
Tot Ion:113 Resp: 70305

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

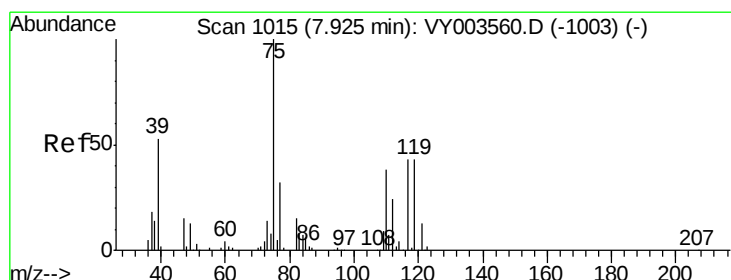
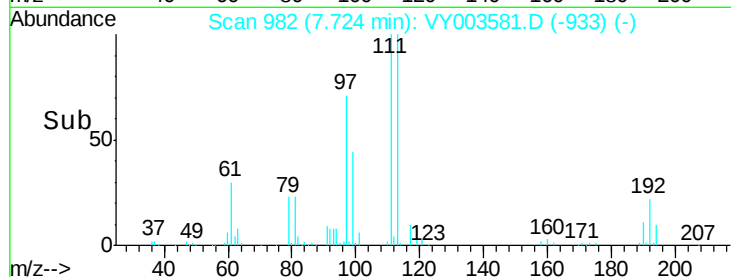
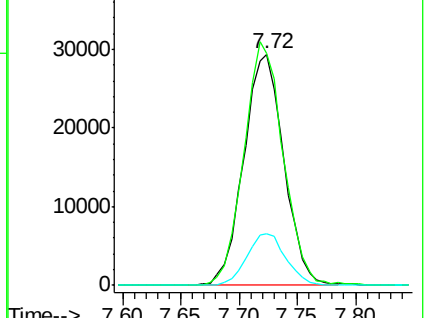
192 21.8 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.213 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

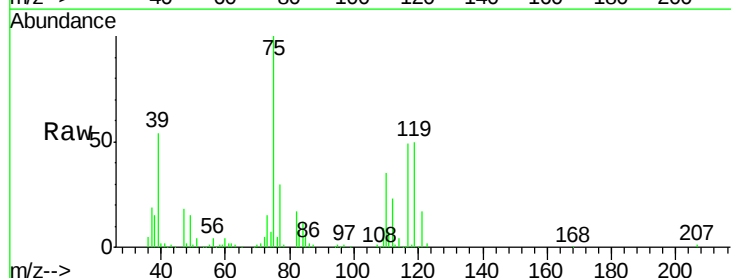
Tgt Ion: 75 Resp: 101515

Ion Ratio Lower Upper

75 100

110 37.0 18.7 56.1

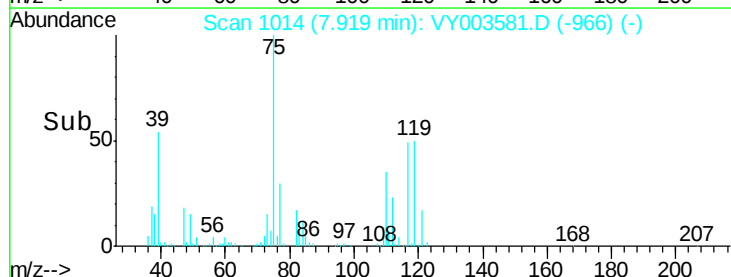
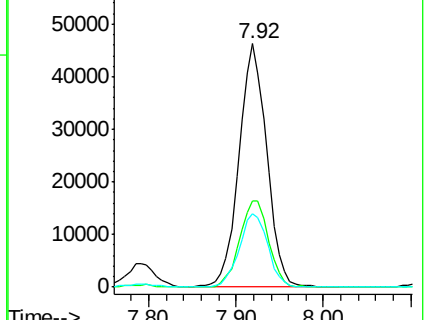
77 31.3 25.4 38.2

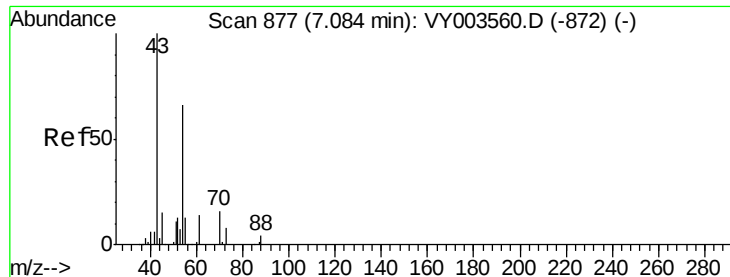


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

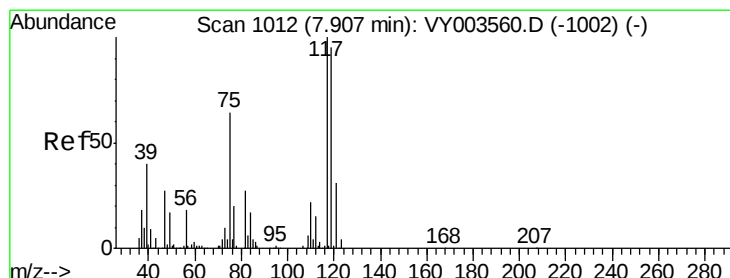
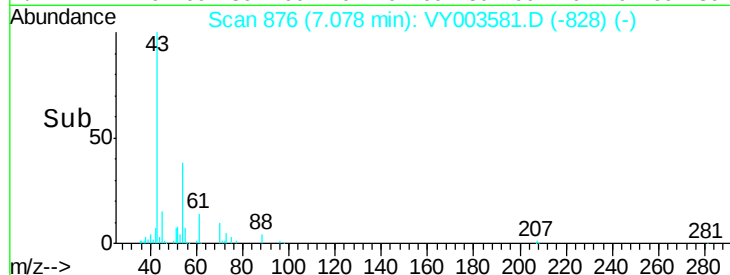
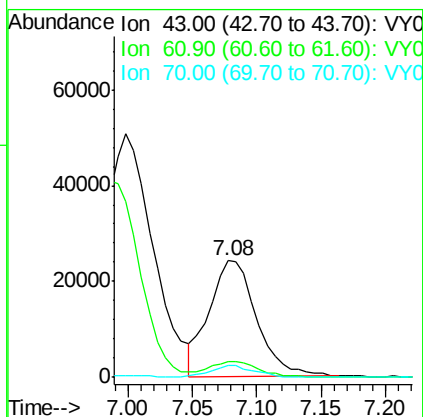
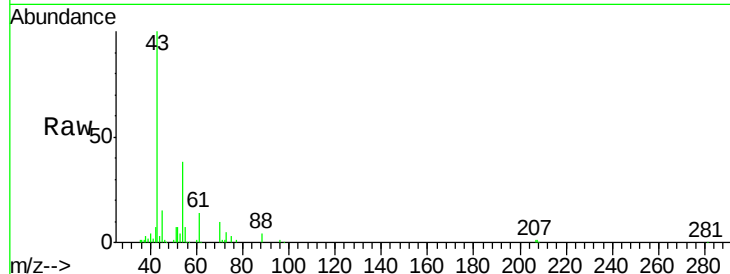




#37
Ethyl Acetate
Concen: 47.652 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

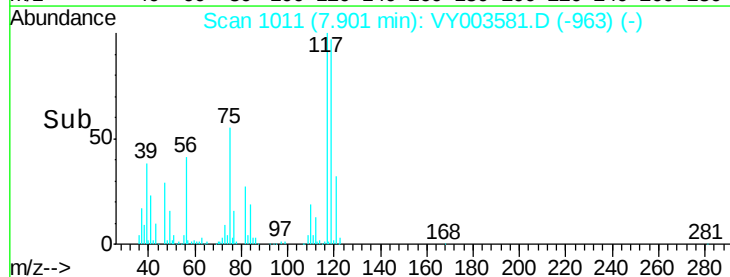
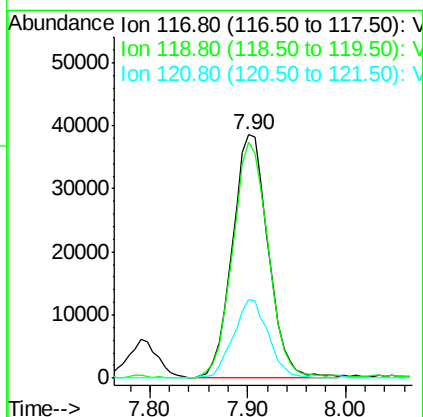
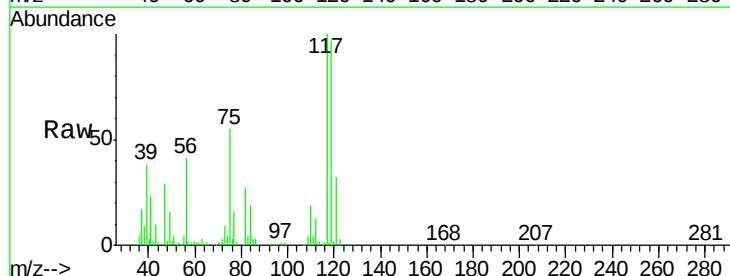
Instrument :
MSVOA_Y
ClientSampleId :

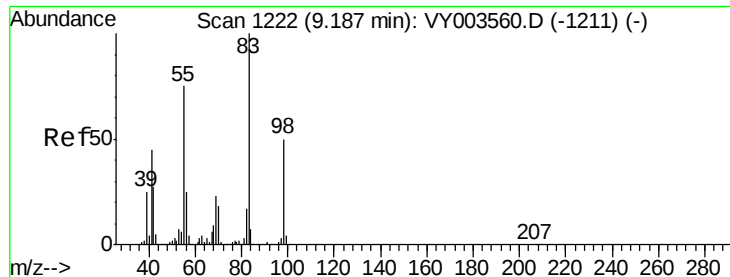
Tot Ion: 43 Resp: 61744
Ion Ratio Lower Upper
43 100
61 14.2 10.3 15.5
70 9.8 7.5 11.3



#38
Carbon Tetrachloride
Concen: 48.758 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion: 117 Resp: 97118
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5
121 32.2 25.1 37.7

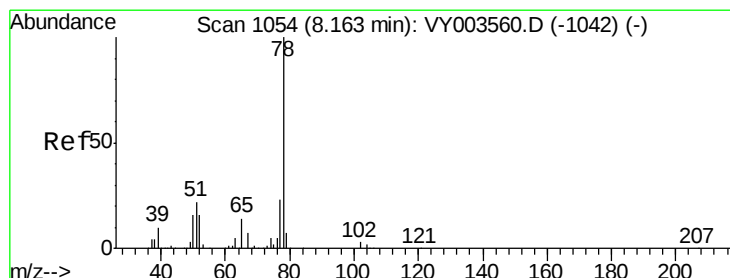
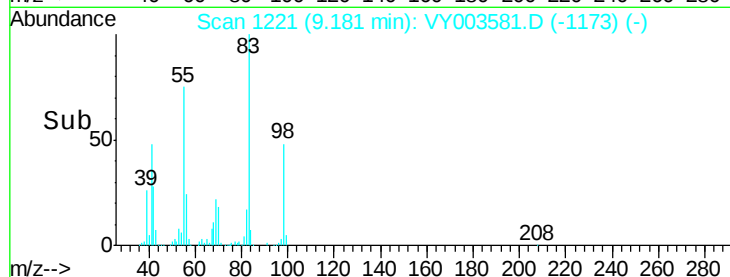
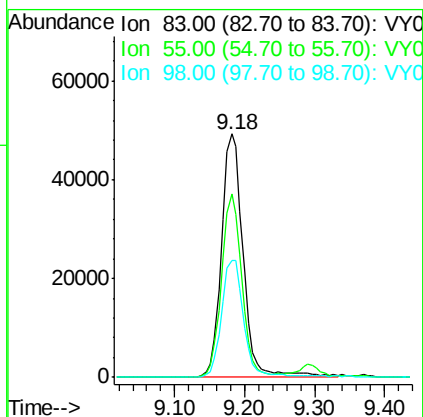
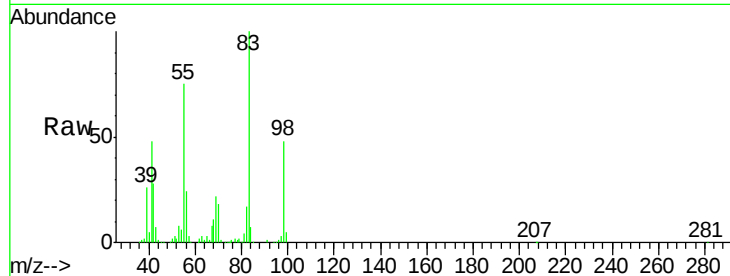




#39
Methvlcvclohexane
Concen: 49.021 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

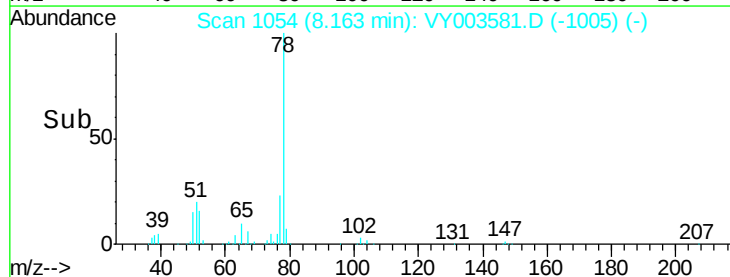
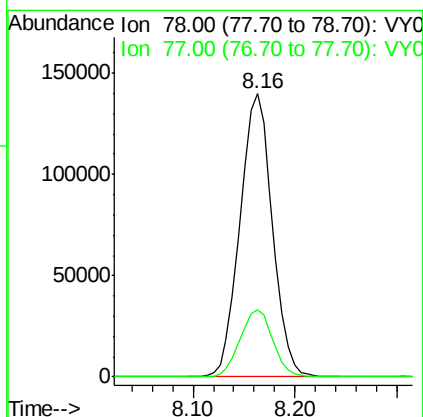
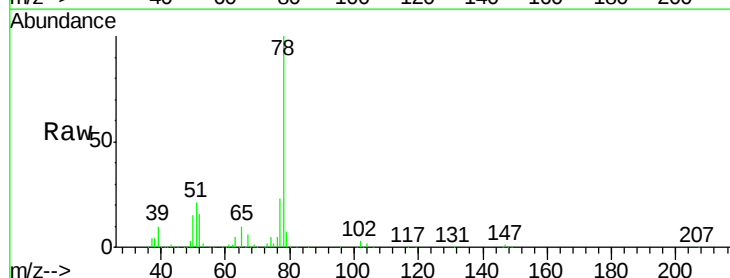
Instrument :
MSVOA_Y
ClientSampleId :

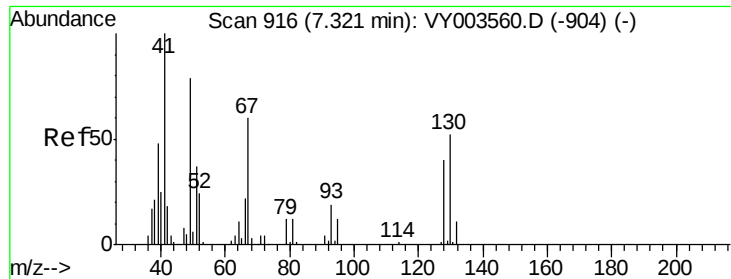
Tot Ion: 83 Resp: 107117
Ion Ratio Lower Upper
83 100
55 75.4 60.2 90.4
98 47.8 40.3 60.5



#40
Benzene
Concen: 48.413 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion: 78 Resp: 308585
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

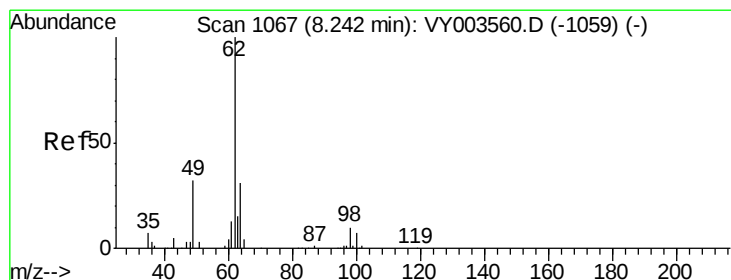
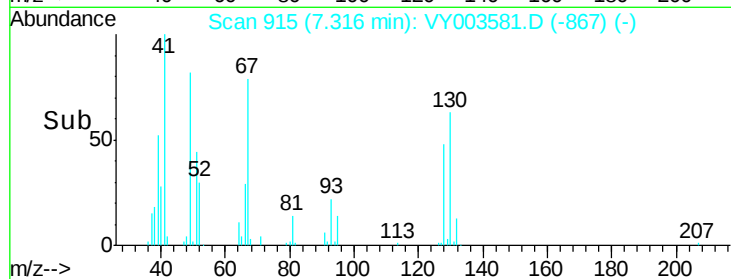
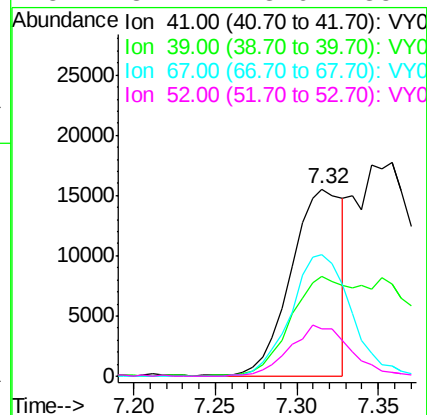
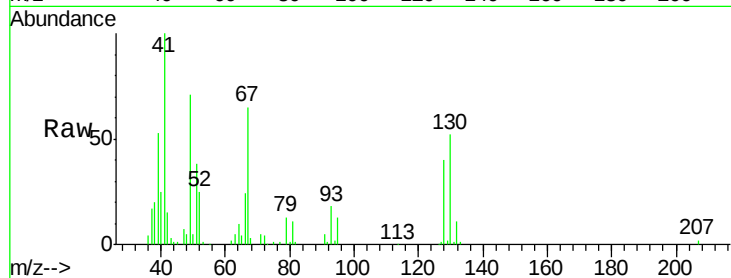




#41
Methacrylonitrile
Concen: 44.855 ug/l
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

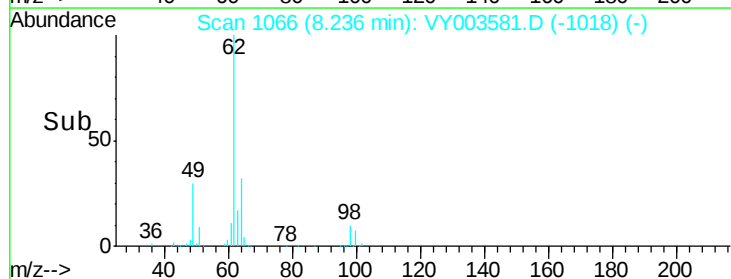
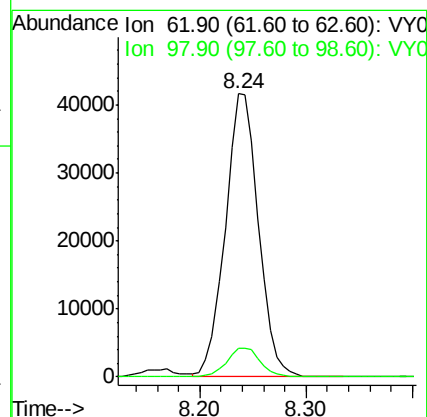
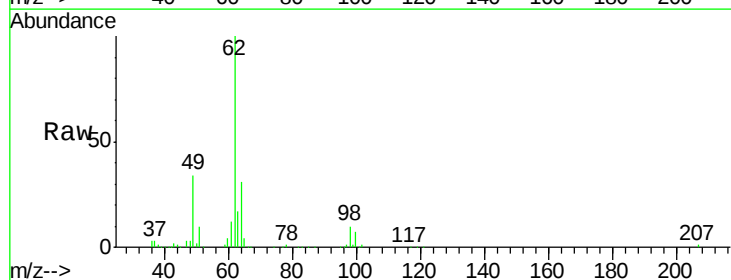
Instrument :
MSVOA_Y
ClientSampleId :

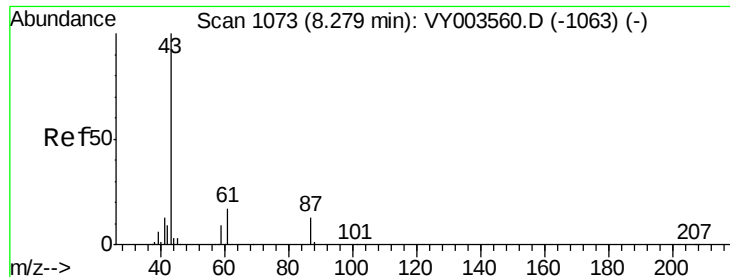
Tot Ion:	41	Resp:	34362
Ion	Ratio	Lower	Upper
41	100		
39	60.9	41.4	62.0
67	76.1	57.2	85.8
52	31.4	23.6	35.4



#42
1,2-Dichloroethane
Concen: 49.905 ug/l
RT: 8.24 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion:	62	Resp:	90490
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





#43

Isopropyl Acetate

Concen: 50.395 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

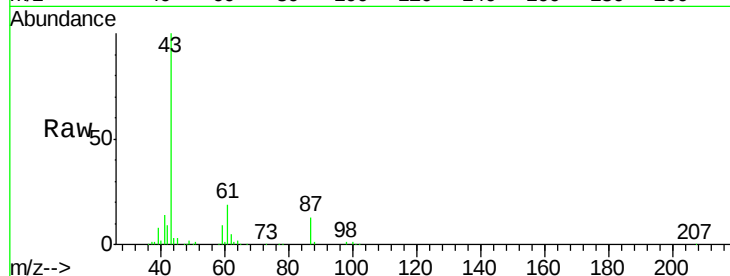
Tot Ion: 43 Resp: 119899

Ion Ratio Lower Upper

43 100

61 27.4 21.4 32.0

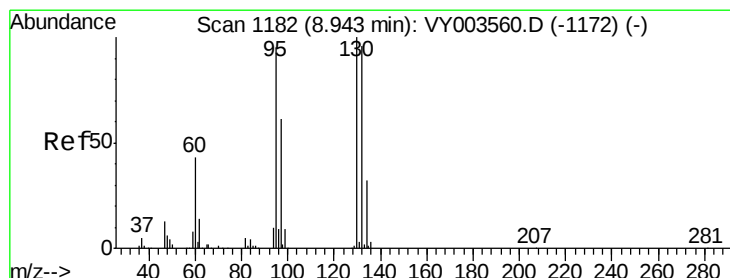
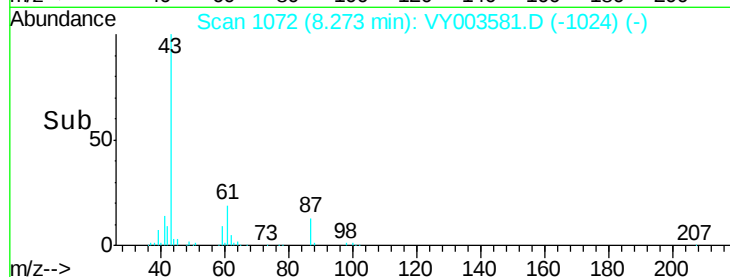
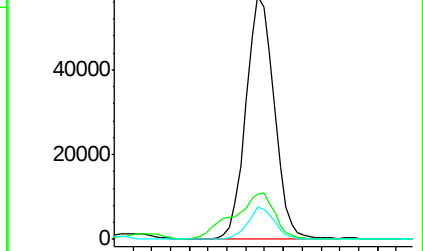
87 12.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY003581.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003581.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003581.D (-1024) (-)



#44

Trichloroethene

Concen: 48.134 ug/l

RT: 8.94 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VY003581.D

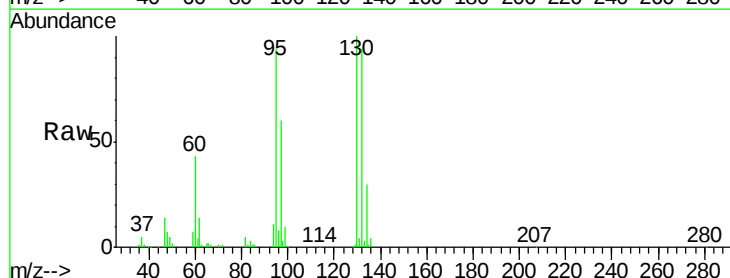
Acq: 20 Nov 2020 20:15

Tgt Ion: 130 Resp: 83599

Ion Ratio Lower Upper

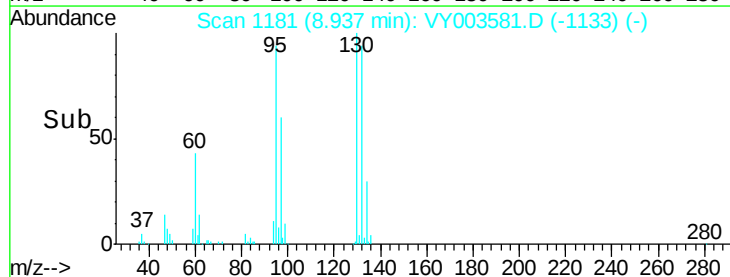
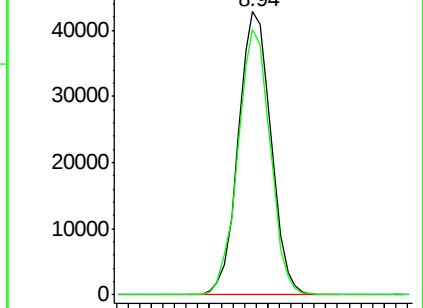
130 100

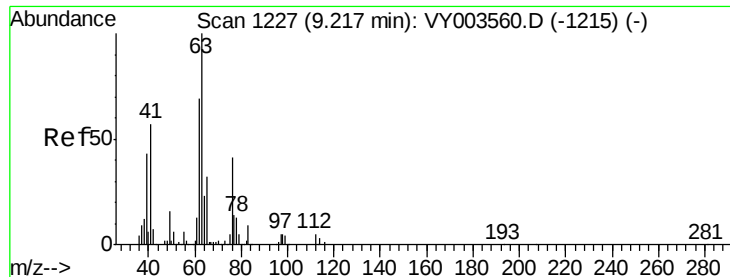
95 93.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VY003581.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003581.D (-1133) (-)

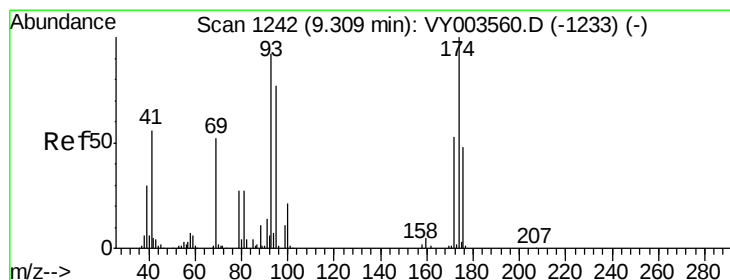
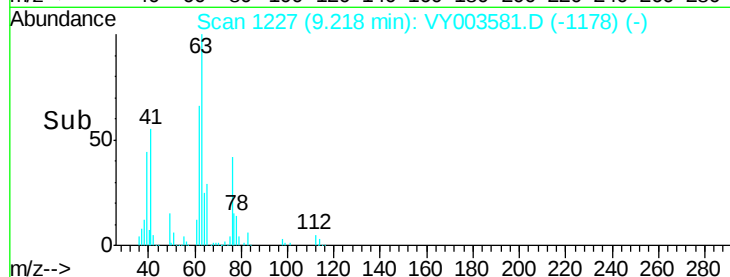
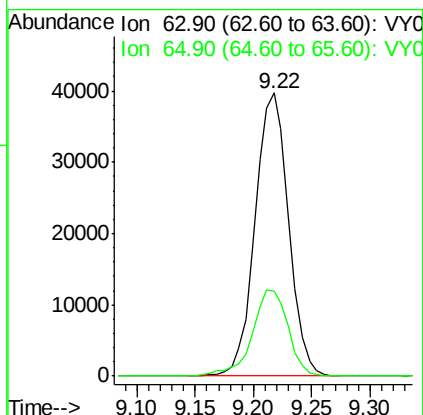
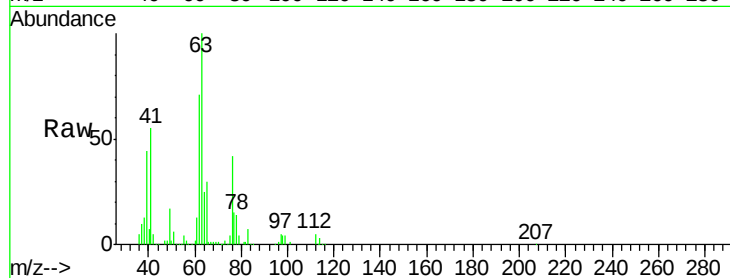




#45
 1,2-Dichloropropane
 Concen: 50.505 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

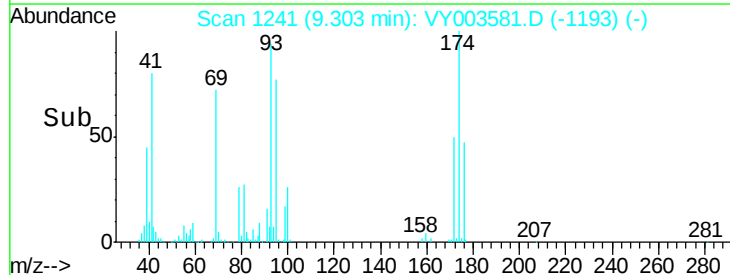
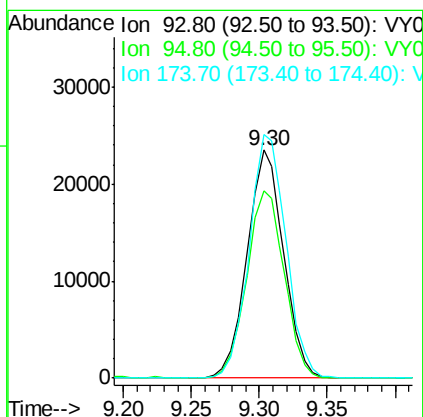
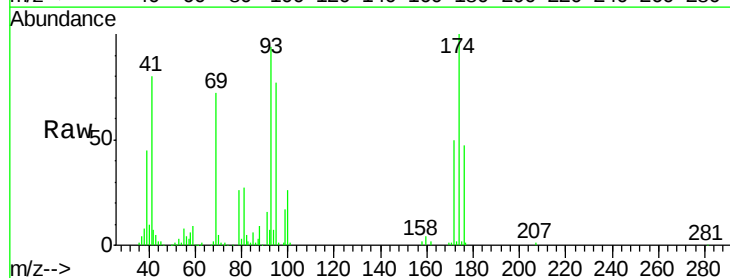
Instrument :
 MSVOA_Y
 ClientSampleId :

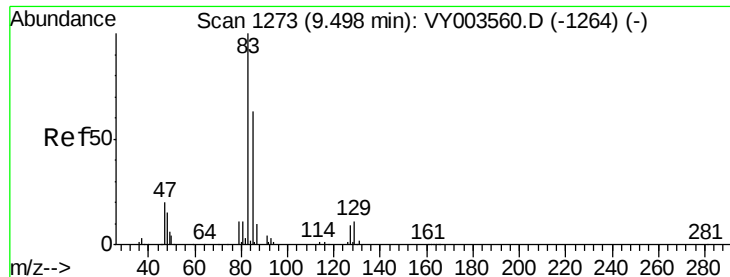
Tot Ion: 63 Resp: 79799
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.7 38.5



#46
 Dibromomethane
 Concen: 49.027 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion: 93 Resp: 44114
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.9 98.9
 174 107.8 86.8 130.2





#47

Bromodichloromethane

Concen: 50.492 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

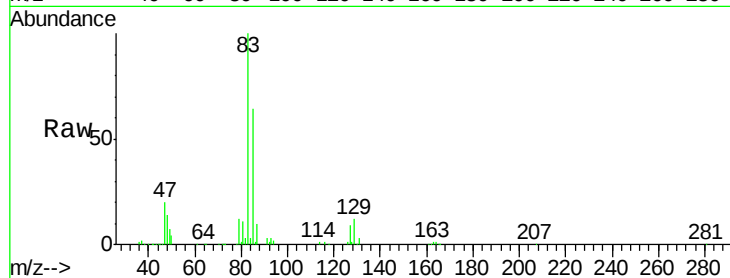
Tot Ion: 83 Resp: 107912

Ion Ratio Lower Upper

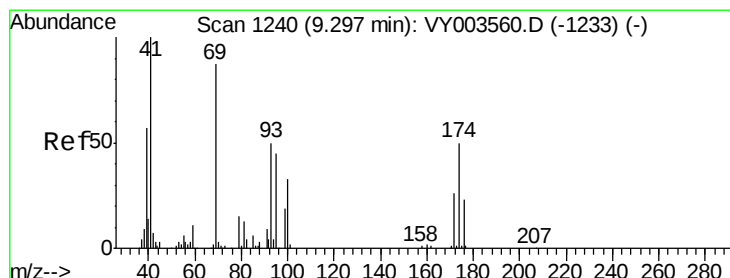
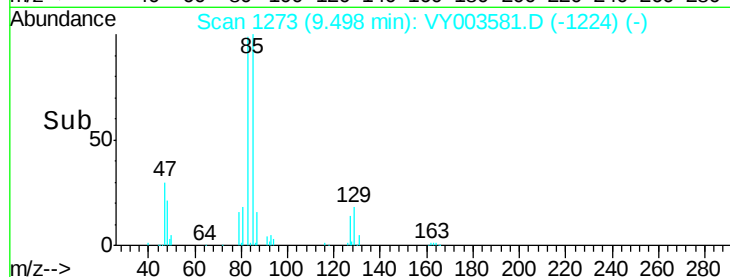
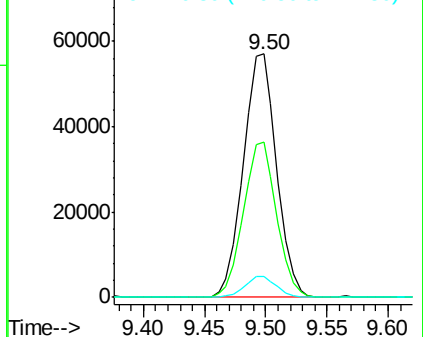
83 100

85 63.6 50.7 76.1

127 8.8 7.0 10.4



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: 49.321 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

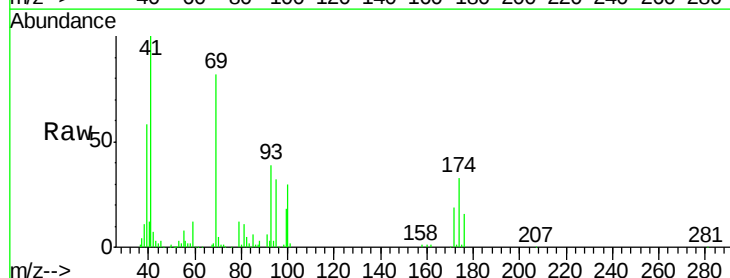
Tgt Ion: 41 Resp: 56171

Ion Ratio Lower Upper

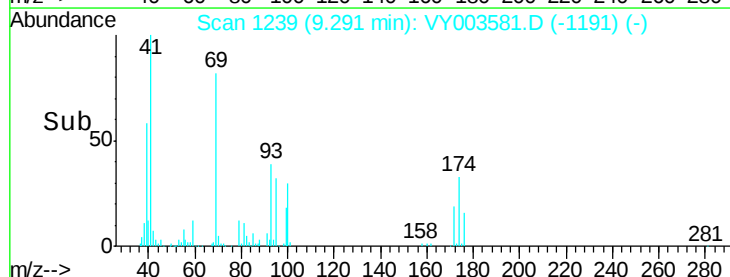
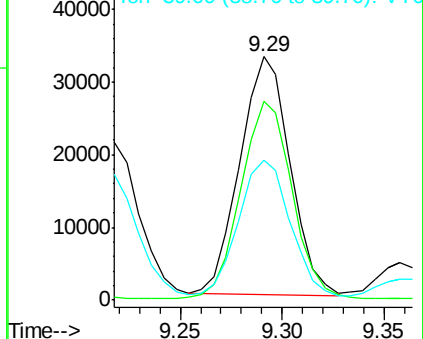
41 100

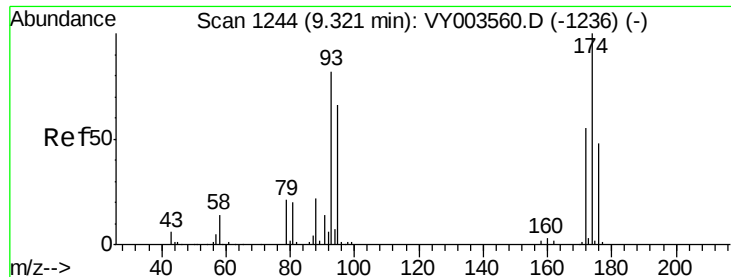
69 86.4 68.6 102.8

39 62.1 48.8 73.2



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: 1045.531 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :

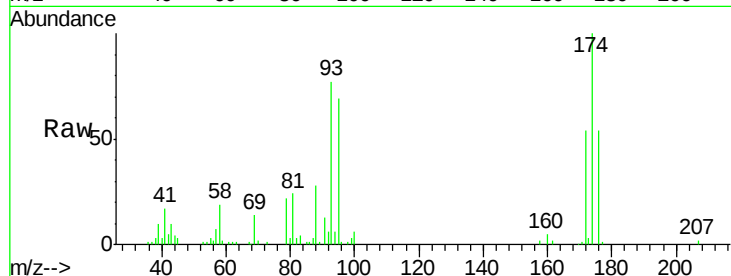
Tot Ion: 88 Resp: 10779

Ion Ratio Lower Upper

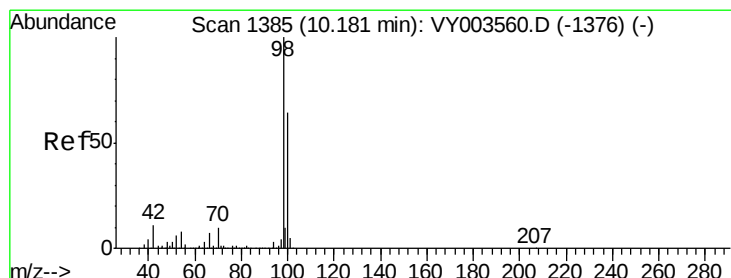
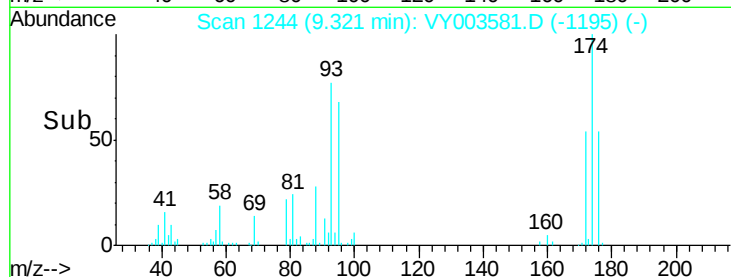
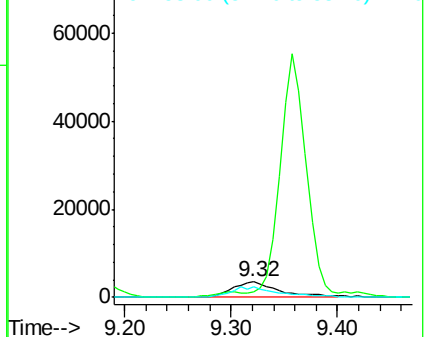
88 100

43 0.0 0.0 0.0

58 74.8 50.9 76.3



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: 47.788 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003581.D

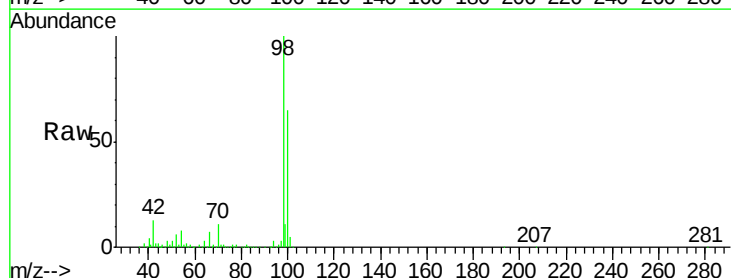
Acq: 20 Nov 2020 20:15

Tgt Ion: 98 Resp: 266781

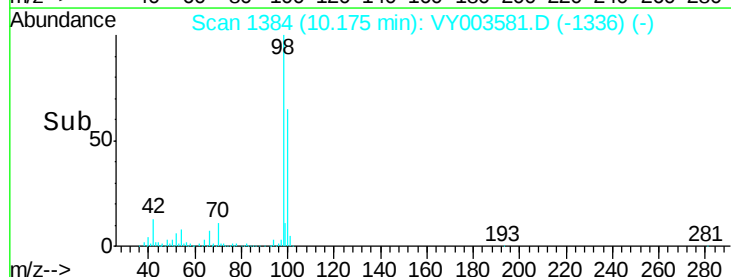
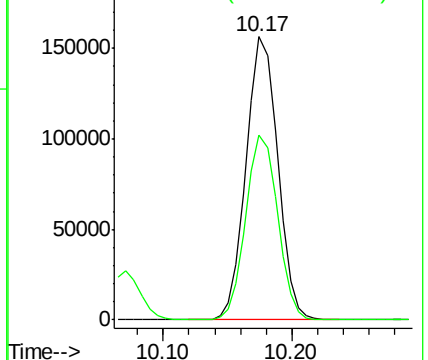
Ion Ratio Lower Upper

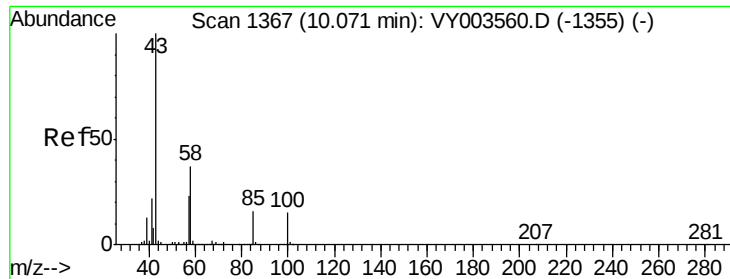
98 100

100 65.2 51.4 77.2



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: 266.703 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

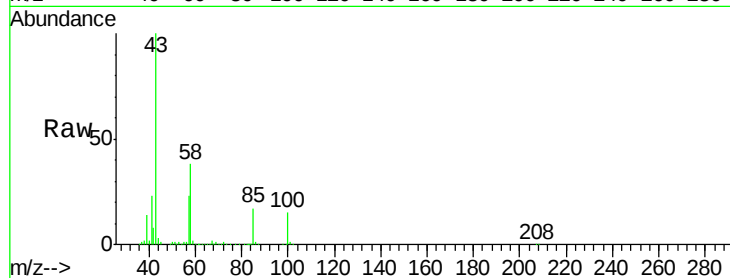
ClientSampled :

Tot Ion: 43 Resp: 304114

Ion Ratio Lower Upper

43 100

58 37.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VY003560.D (-1355) (-)

Ion 58.00 (57.70 to 58.70): VY003560.D (-1355) (-)

10.07

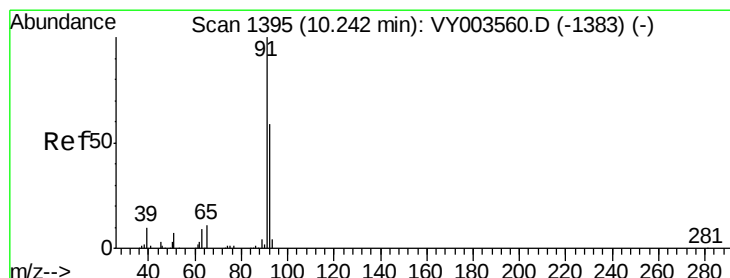
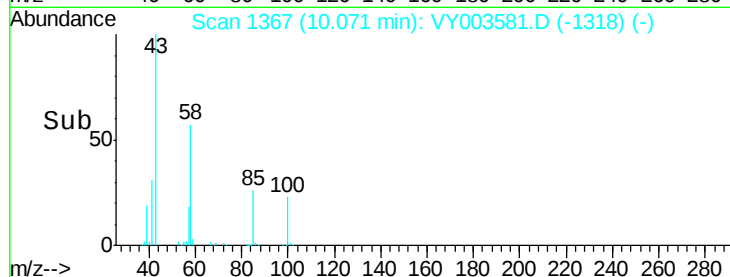
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.903 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003581.D

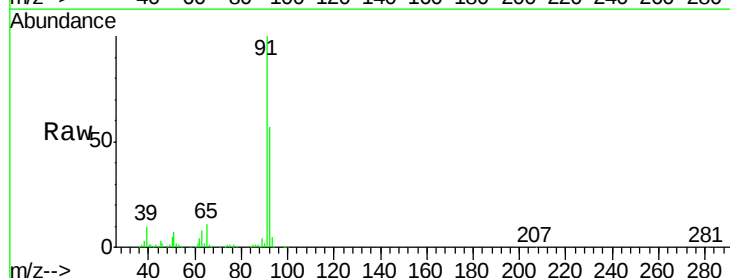
Acq: 20 Nov 2020 20:15

Tgt Ion: 92 Resp: 194755

Ion Ratio Lower Upper

92 100

91 174.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VY003560.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY003560.D (-1383) (-)

10.24

200000

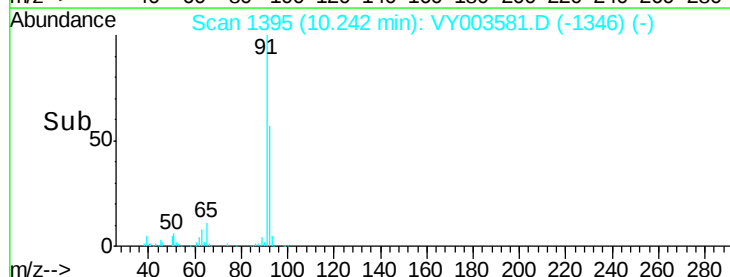
150000

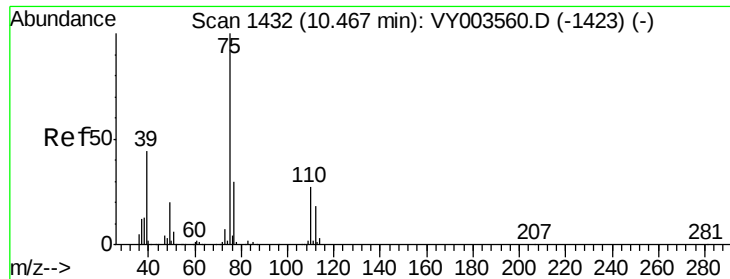
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.736 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

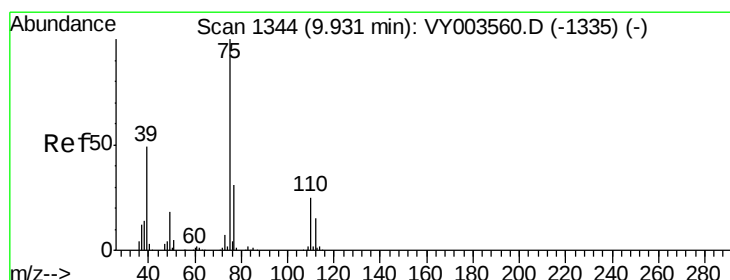
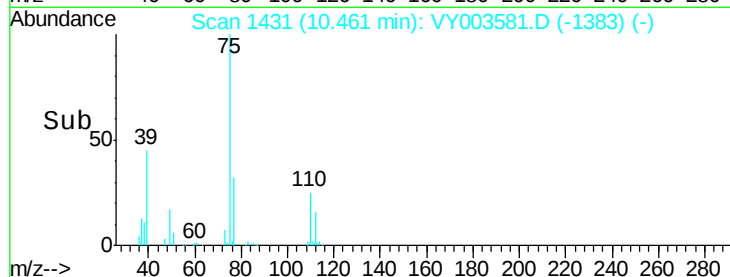
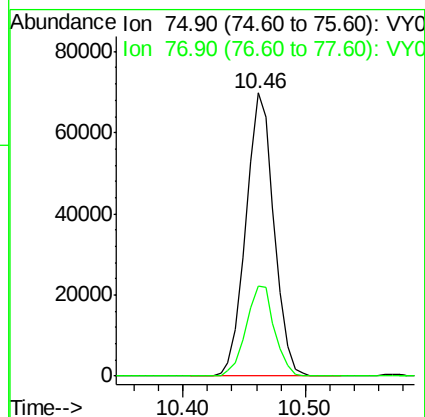
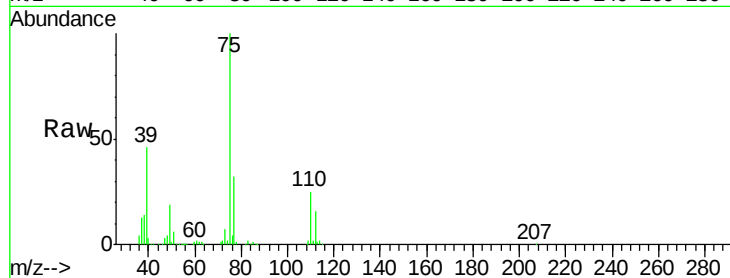
ClientSampleId :

Tot Ion: 75 Resp: 111253

Ion Ratio Lower Upper

75 100

77 31.9 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 50.051 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

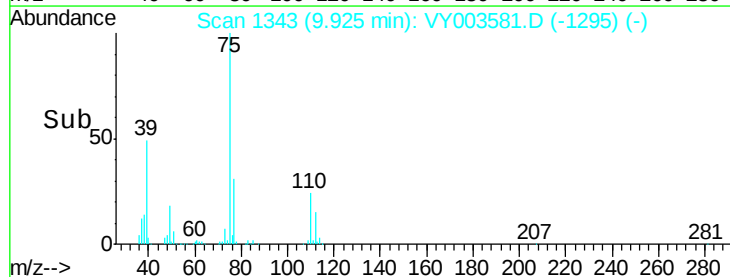
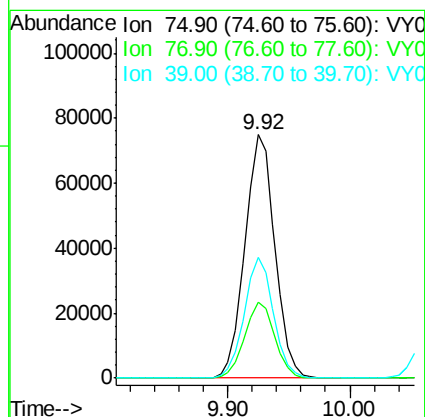
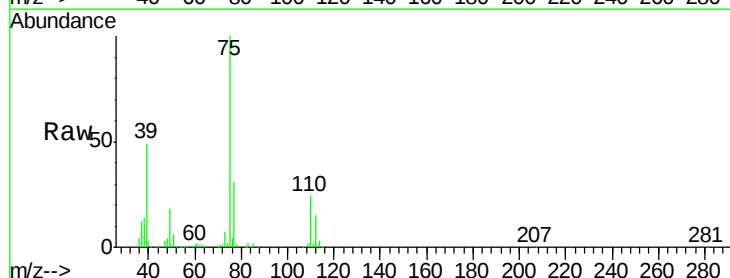
Tgt Ion: 75 Resp: 127427

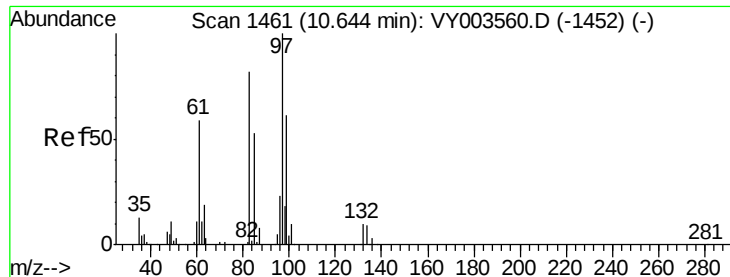
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 49.4 38.9 58.3

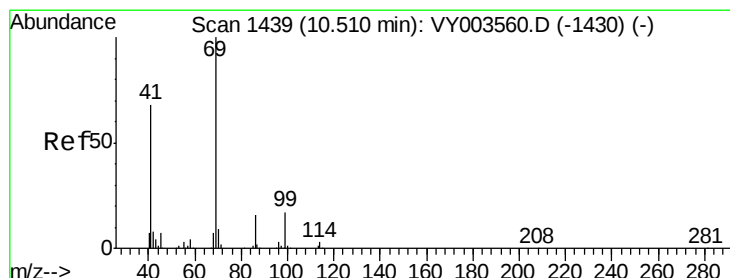
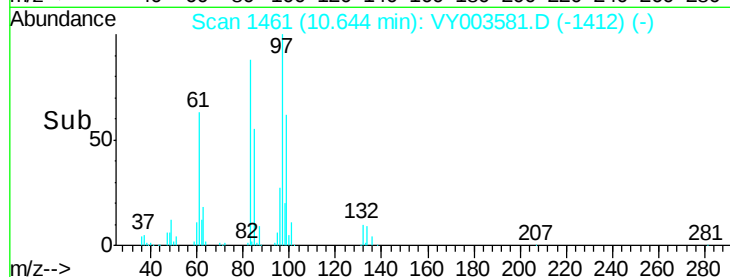
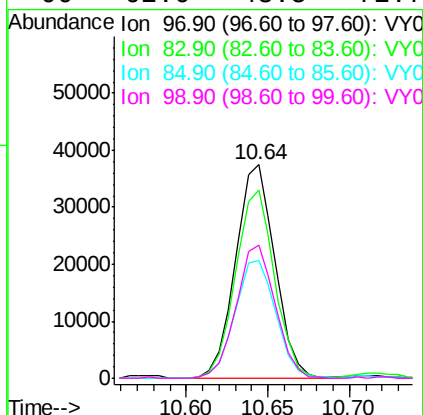
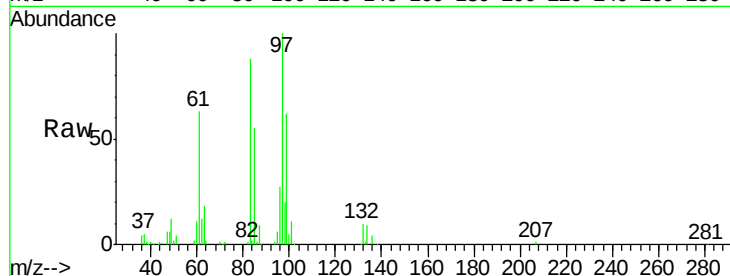




#55
 1,1,2-Trichloroethane
 Concen: 48.947 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

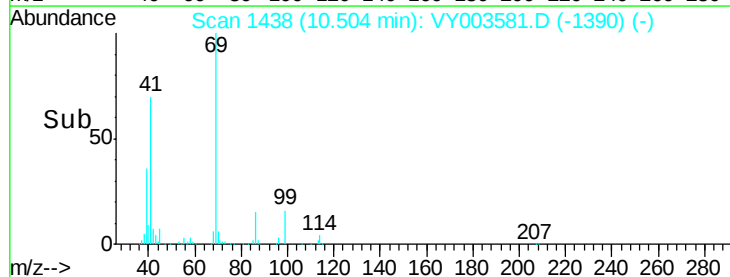
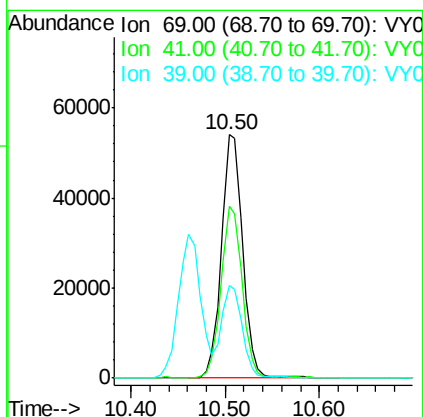
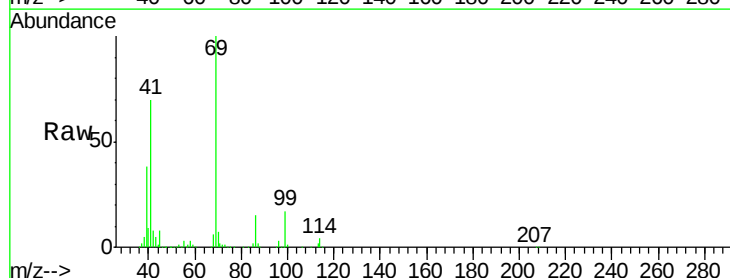
Instrument :
 MSVOA_Y
 ClientSampled :

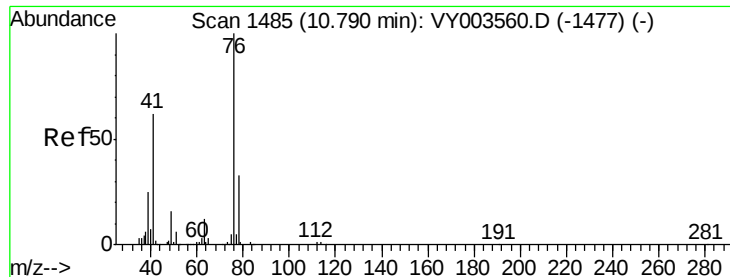
Tot Ion:	97	Resp:	62467
Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.2	97.8
85	55.3	42.4	63.6
99	62.0	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 54.604 ug/l
 RT: 10.50 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion:	69	Resp:	84687
Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.4	83.0
39	36.0	30.2	45.2





#57

1,3-Dichloropropane

Concen: 50.342 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

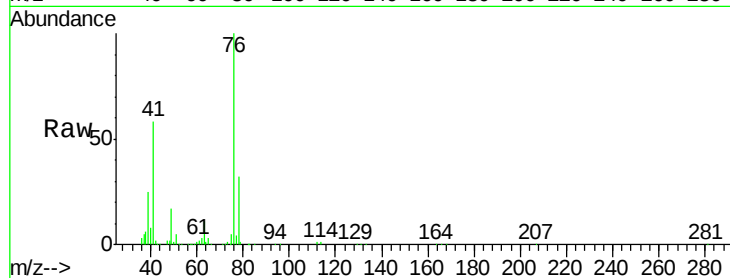
ClientSampleId :

Tot Ion: 76 Resp: 108744

Ion Ratio Lower Upper

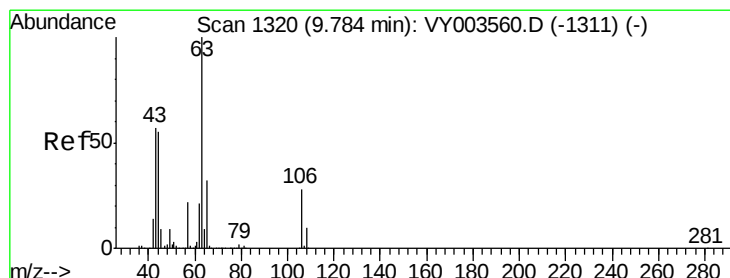
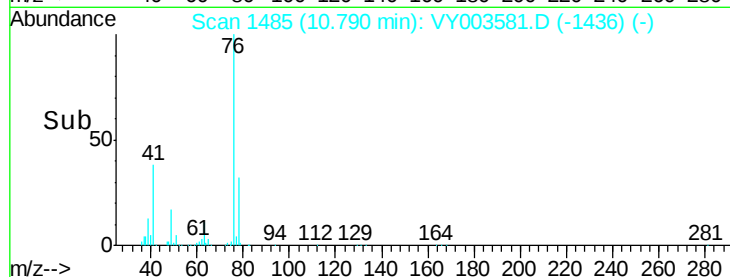
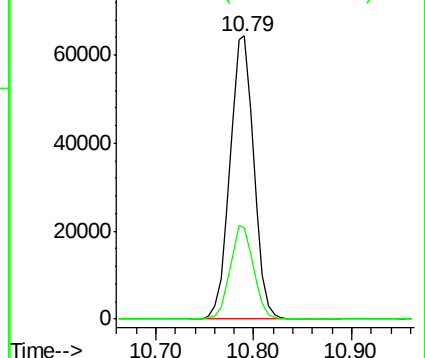
76 100

78 32.5 26.0 39.0



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: 262.633 ug/l

RT: 9.78 min Scan# 1319

Delta R.T. -0.01 min

Lab File: VY003581.D

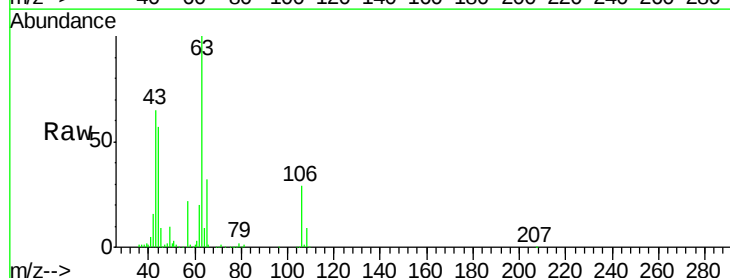
Acq: 20 Nov 2020 20:15

Tgt Ion: 63 Resp: 209034

Ion Ratio Lower Upper

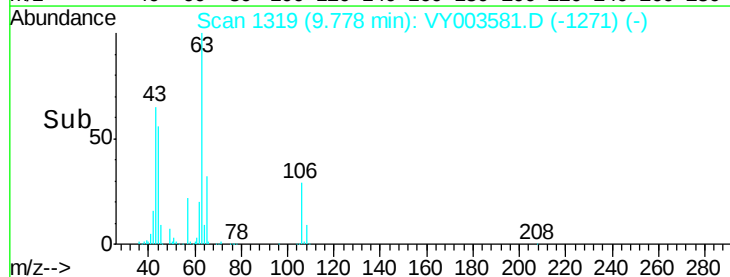
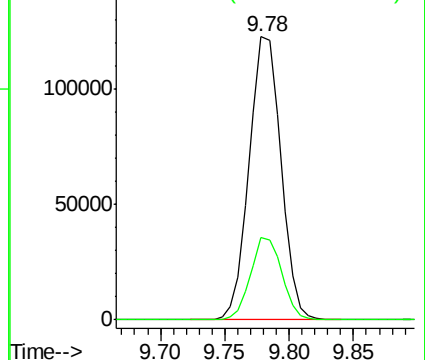
63 100

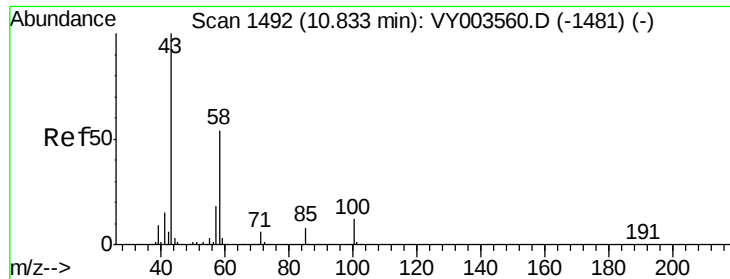
106 28.5 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

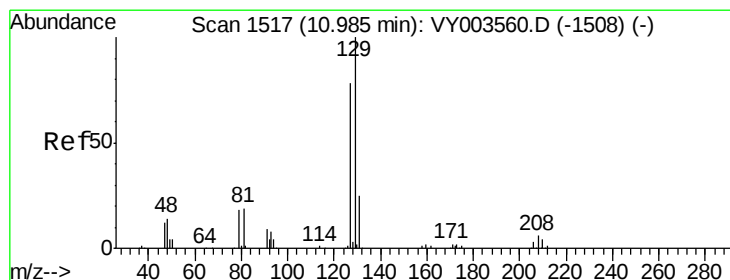
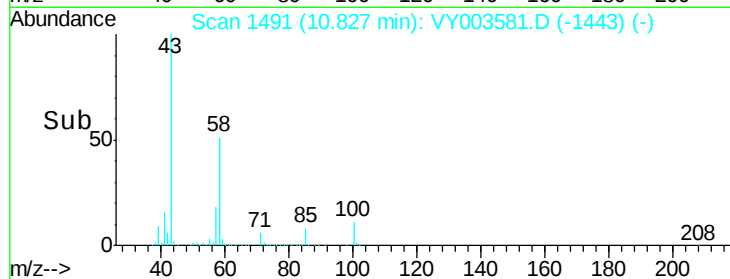
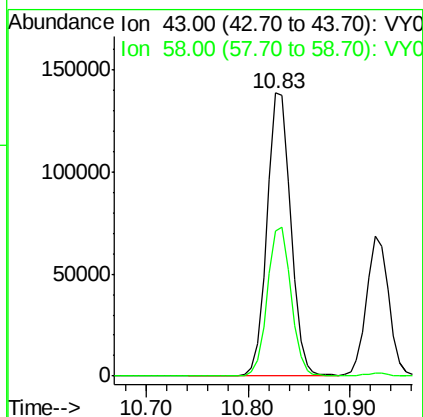
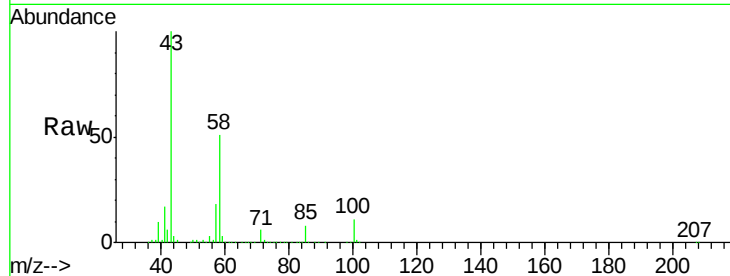




#59
2-Hexanone
Concen: 238.079 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

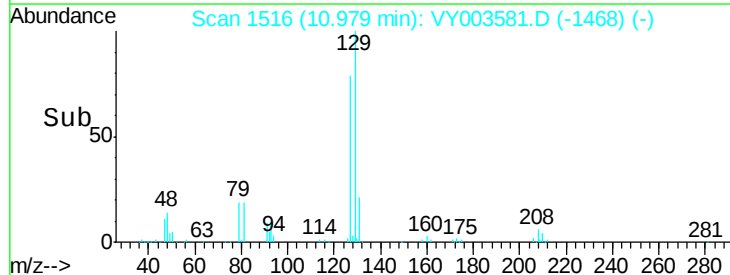
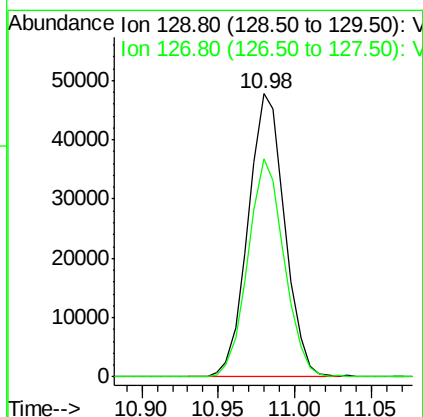
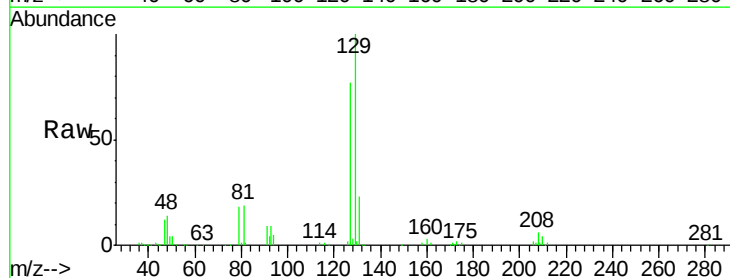
Instrument :
MSVOA_Y
ClientSampleId :

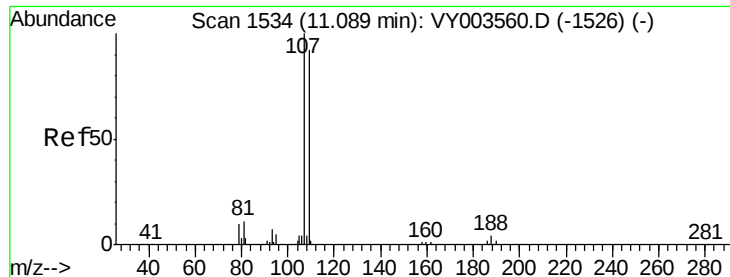
Tot Ion: 43 Resp: 223793
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.1



#60
Dibromochloromethane
Concen: 51.532 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion: 129 Resp: 79519
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7

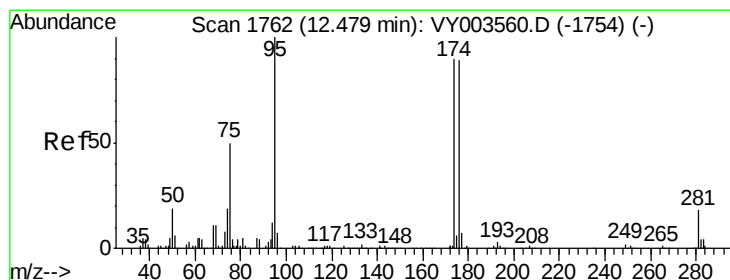
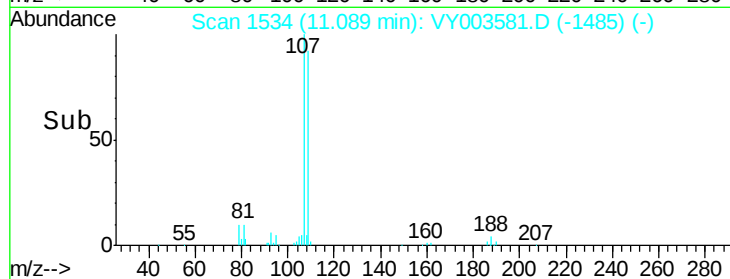
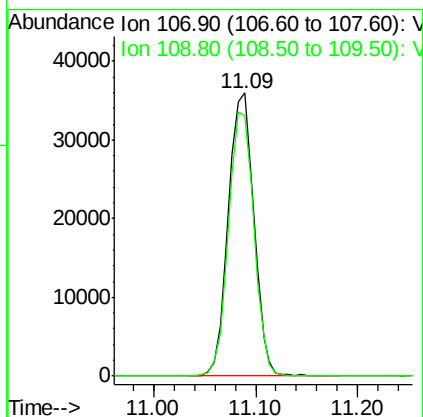
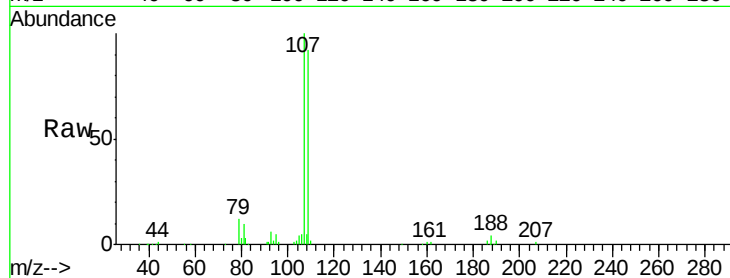




#61
 1,2-Dibromoethane
 Concen: 50.651 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

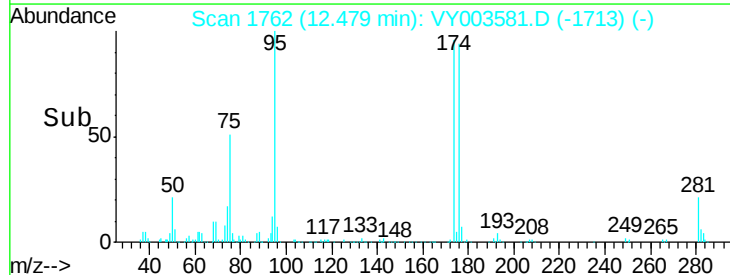
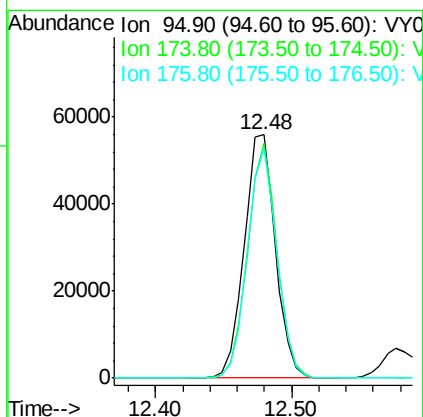
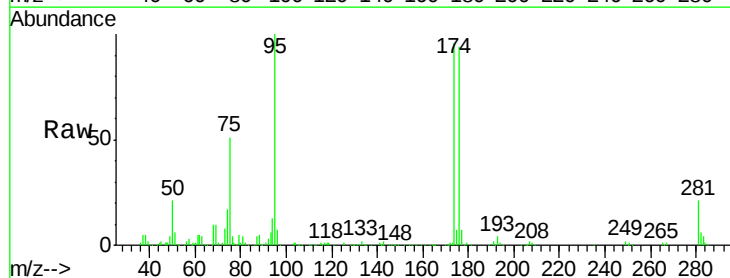
Instrument :
 MSVOA_Y
 ClientSampleId :

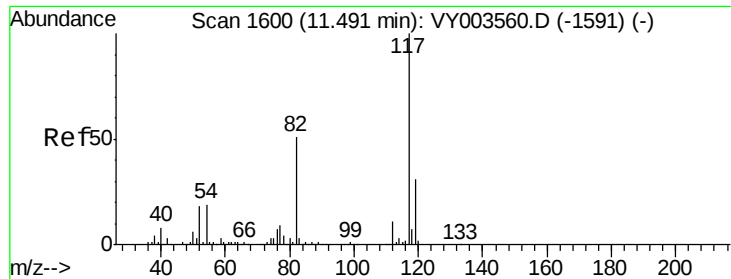
Tot Ion: 107 Resp: 62294
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.669 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion: 95 Resp: 89767
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 184.0
 176 89.5 0.0 180.4

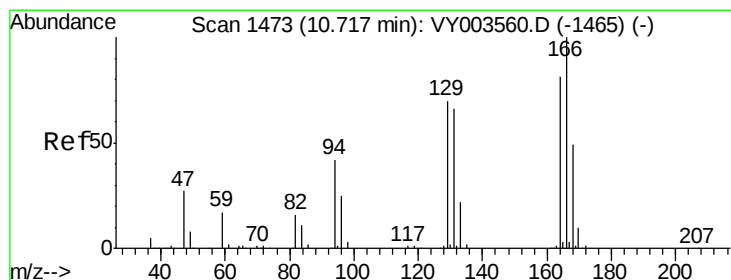
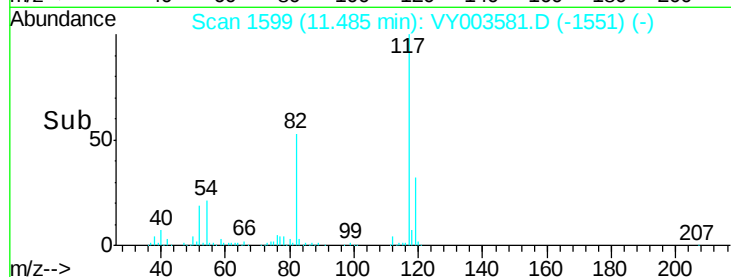
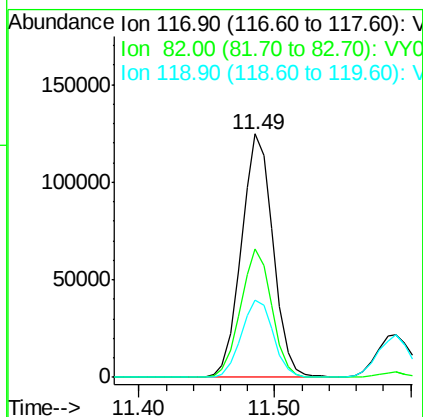
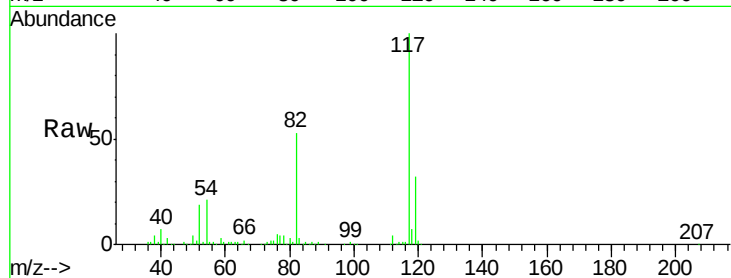




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

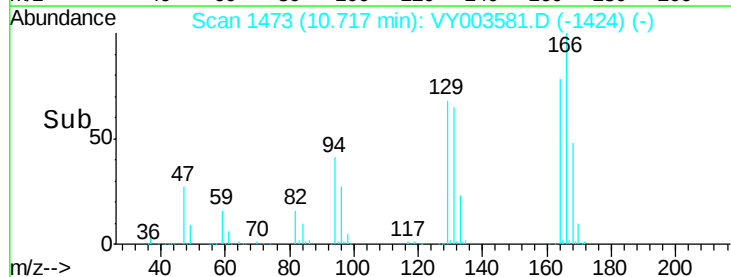
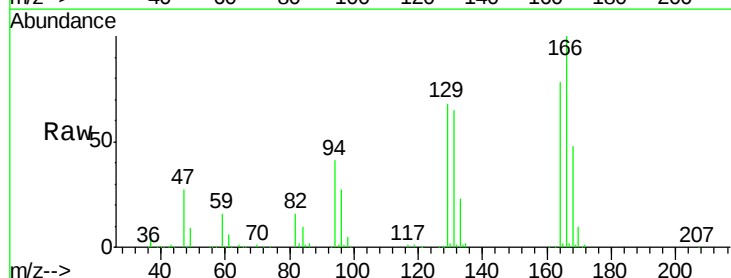
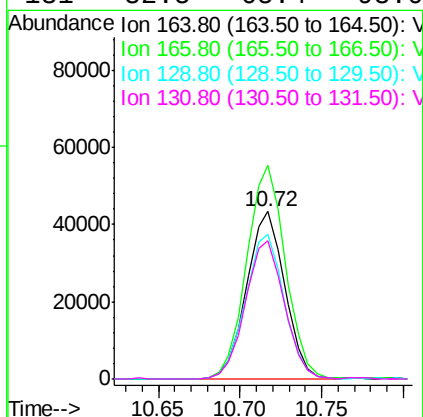
Instrument :
MSVOA_Y
ClientSampleId :

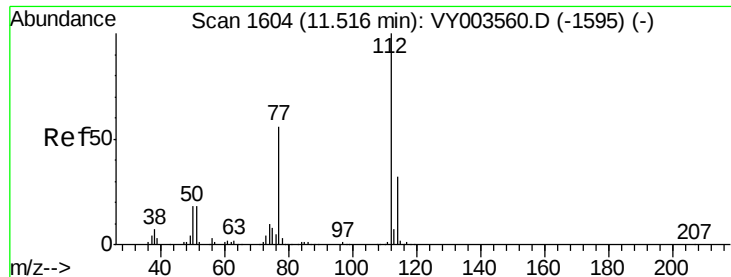
Tot Ion:117 Resp: 202339
Ion Ratio Lower Upper
117 100
82 52.7 41.0 61.6
119 31.6 25.0 37.6



#64
Tetrachloroethene
Concen: 46.833 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion:164 Resp: 70782
Ion Ratio Lower Upper
164 100
166 127.6 99.0 148.4
129 86.6 69.1 103.7
131 82.5 65.4 98.0

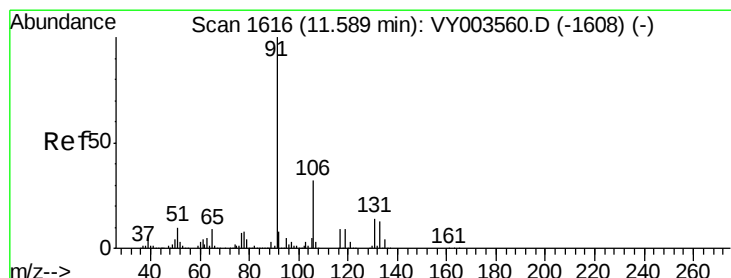
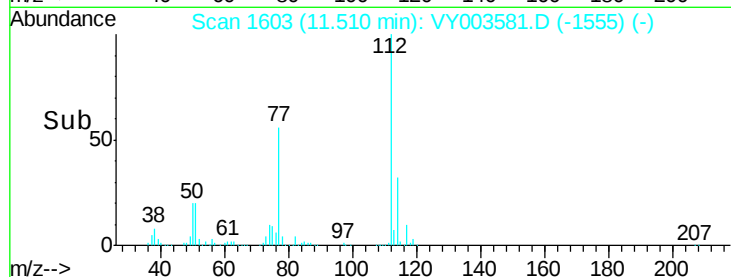
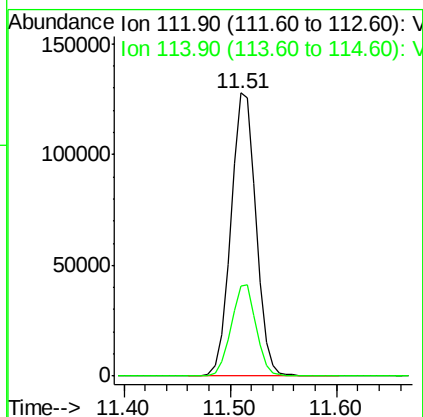
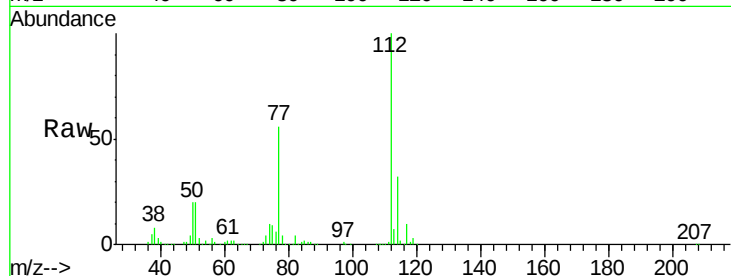




#65
Chlorobenzene
Concen: 48.362 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

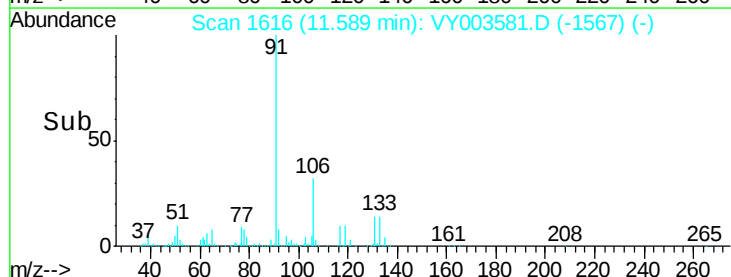
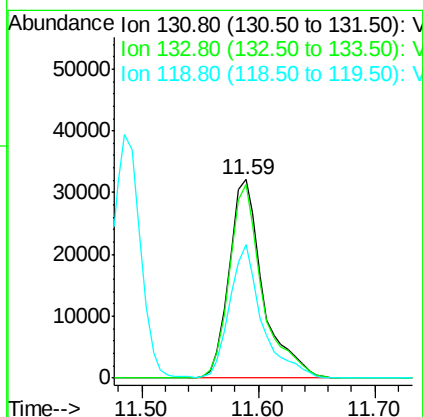
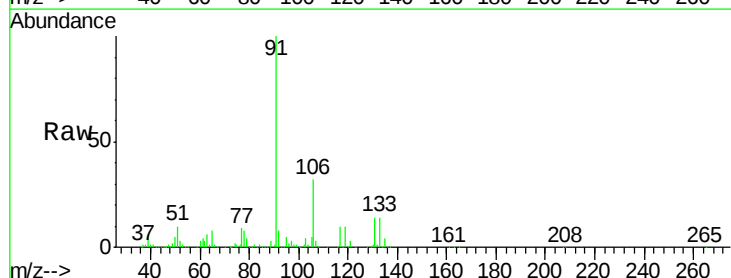
Instrument :
MSVOA_Y
ClientSampleId :

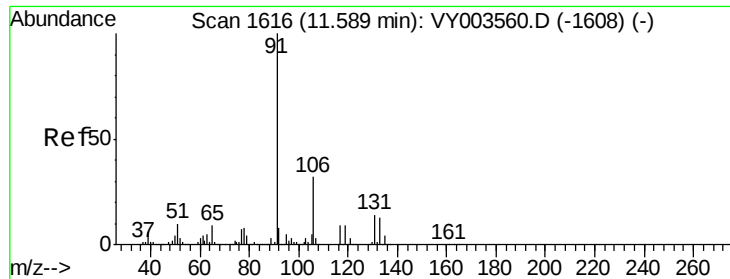
Tot Ion:112 Resp: 211712
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.664 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion:131 Resp: 64898
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 64.7 32.6 97.7





#67

Ethyl Benzene

Concen: 49.974 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

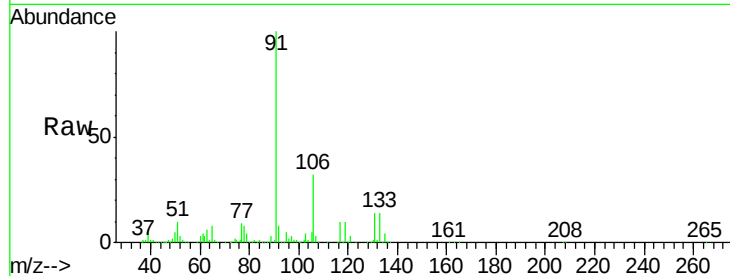
ClientSampleId :

Tot Ion: 91 Resp: 358477

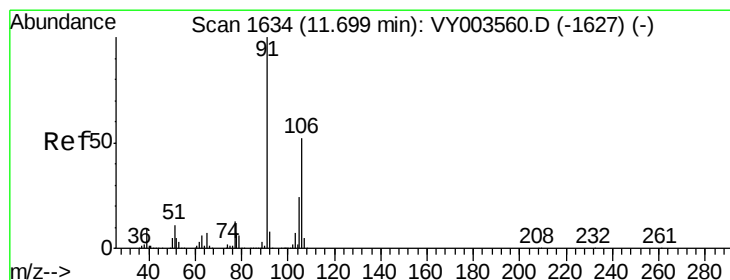
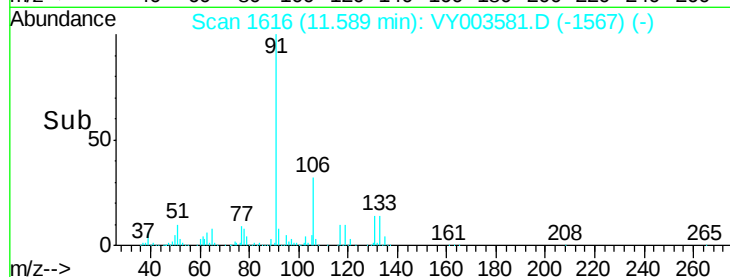
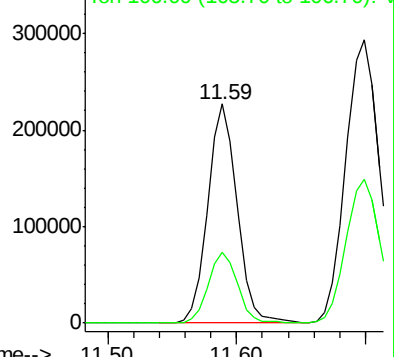
Ion Ratio Lower Upper

91 100

106 32.2 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VY003560.D (-1608) (-)



#68

m/p-Xylenes

Concen: 99.854 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003581.D

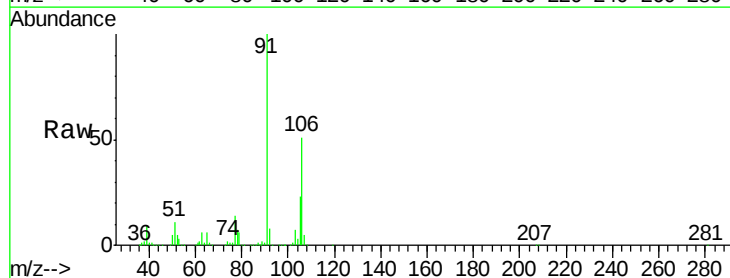
Acq: 20 Nov 2020 20:15

Tgt Ion: 106 Resp: 274278

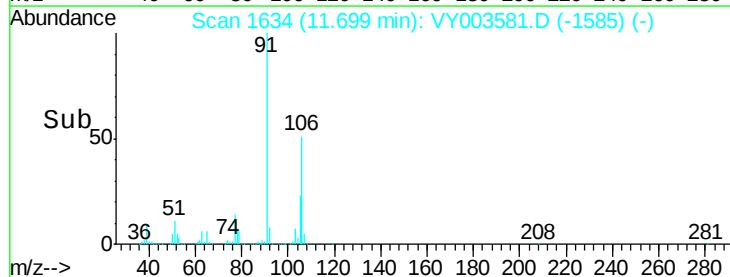
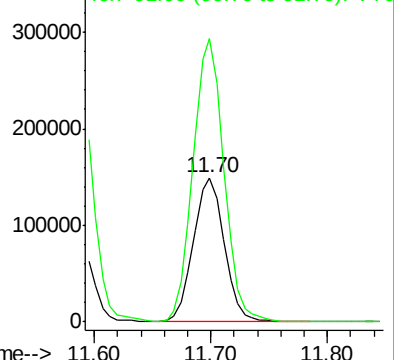
Ion Ratio Lower Upper

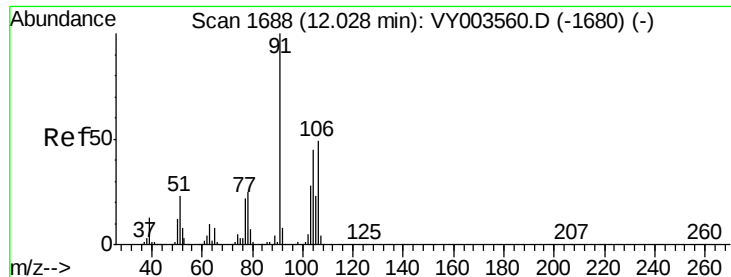
106 100

91 196.3 154.2 231.4



Abundance Ion 106.00 (105.70 to 106.70): VY003560.D (-1627) (-)

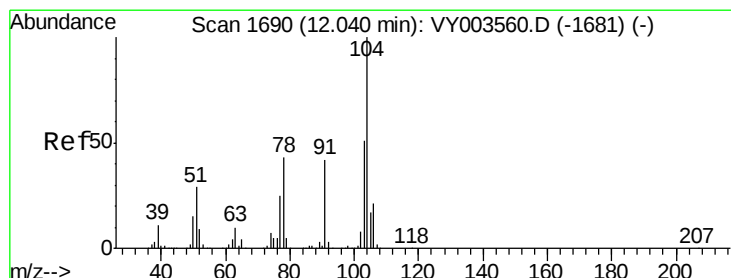
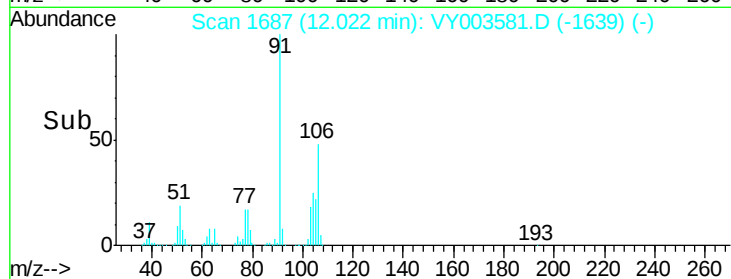
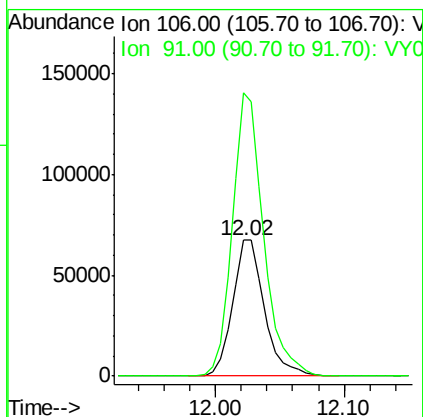
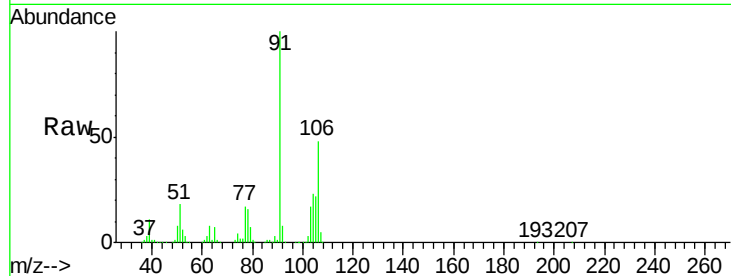




#69
o-Xylene
Concen: 52.566 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

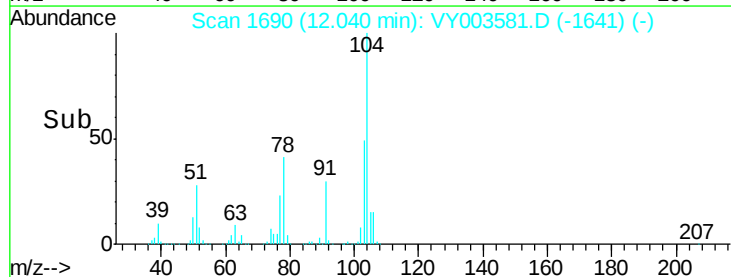
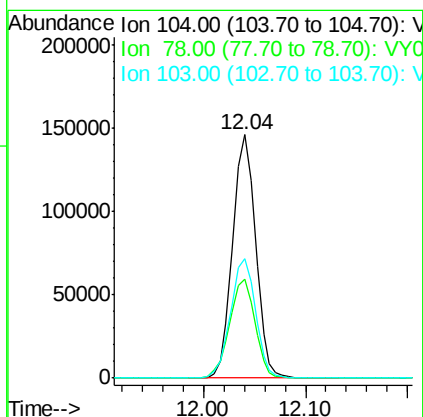
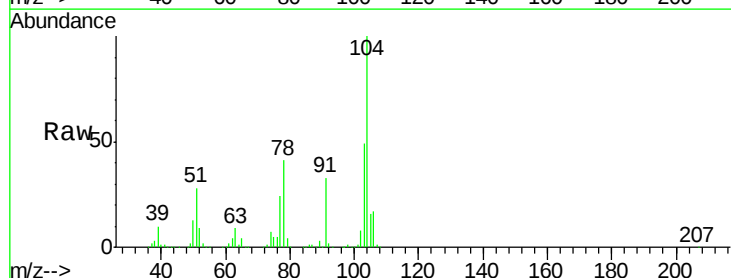
Instrument :
MSVOA_Y
ClientSampleId :

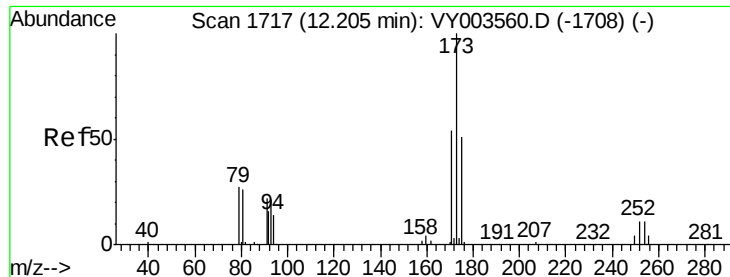
Tot Ion:106 Resp: 115496
Ion Ratio Lower Upper
106 100
91 204.7 103.1 309.1



#70
Styrene
Concen: 51.594 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion:104 Resp: 228478
Ion Ratio Lower Upper
104 100
78 45.0 36.6 54.8
103 53.5 43.6 65.4

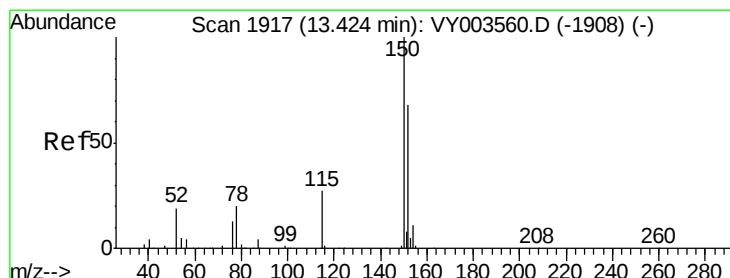
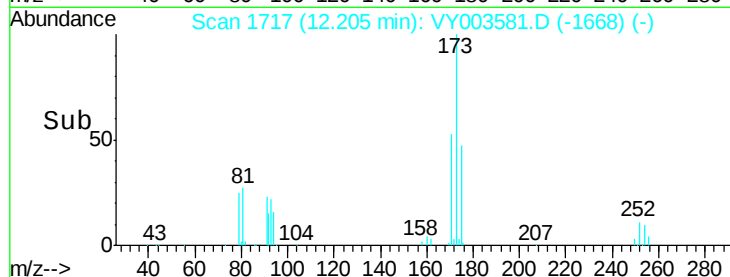
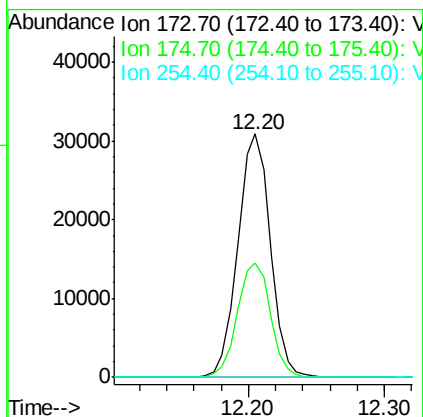
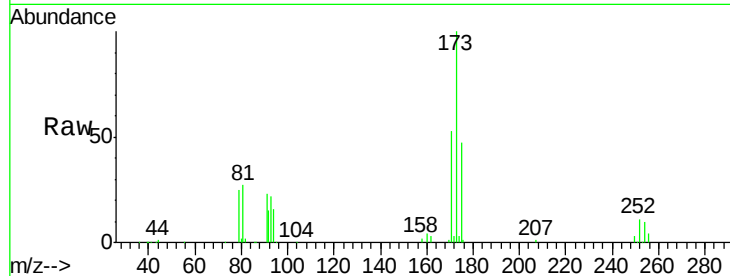




#71
Bromoform
Concen: 50.692 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

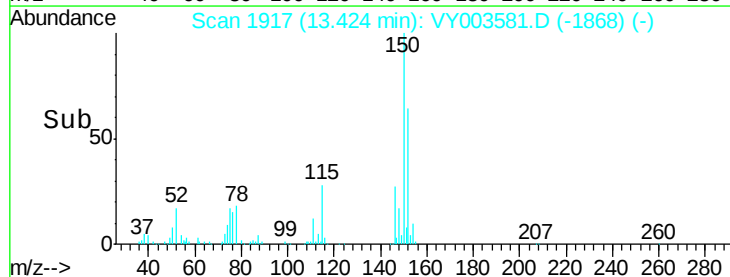
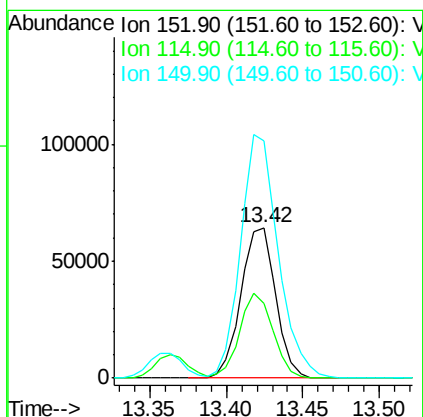
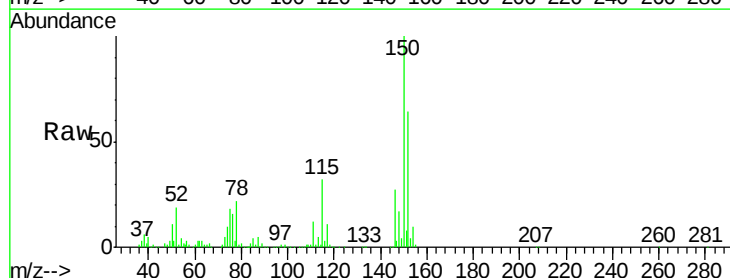
Instrument :
MSVOA_Y
ClientSampleId :

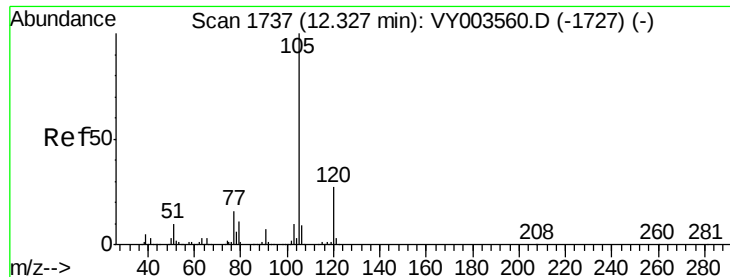
Tot Ion:173 Resp: 51422
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion:152 Resp: 101206
Ion Ratio Lower Upper
152 100
115 54.7 27.4 82.0
150 175.4 0.0 349.6





#73

Isopropylbenzene

Concen: 50.529 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

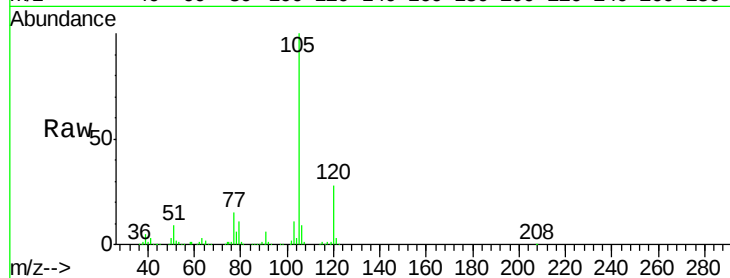
ClientSampleId :

Tot Ion:105 Resp: 254728

Ion Ratio Lower Upper

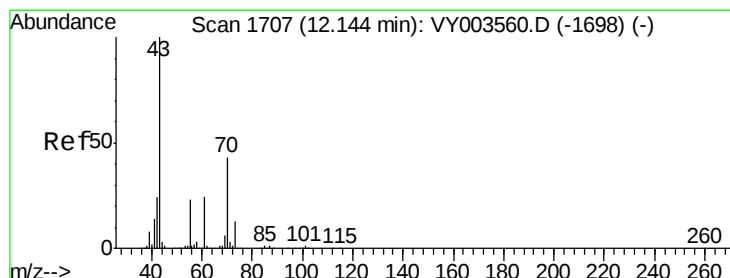
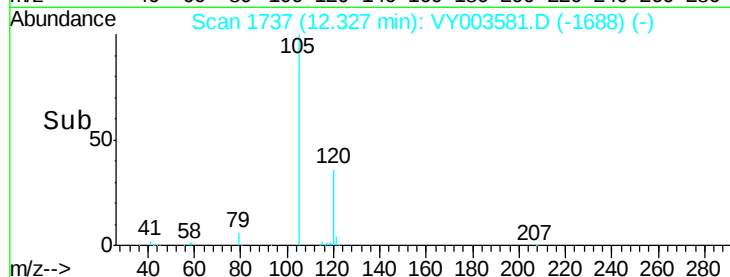
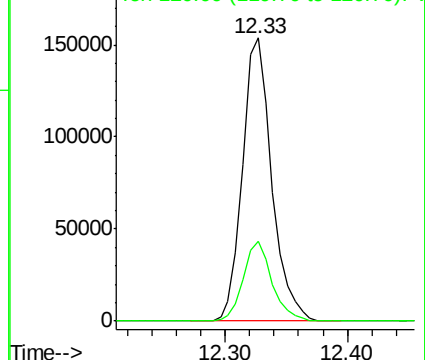
105 100

120 27.6 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.257 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Tgt Ion: 43 Resp: 104329

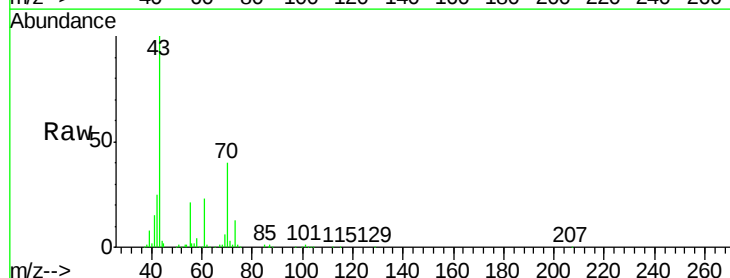
Ion Ratio Lower Upper

43 100

70 39.9 32.2 48.4

55 22.3 18.6 28.0

61 23.2 18.6 28.0

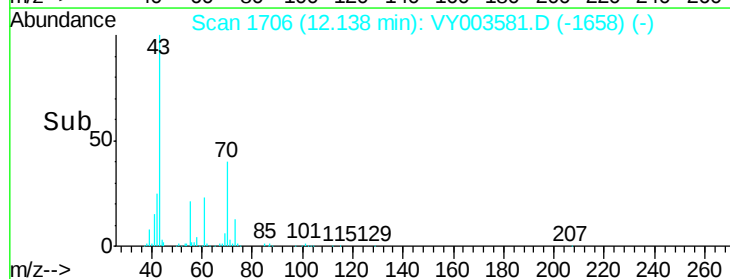
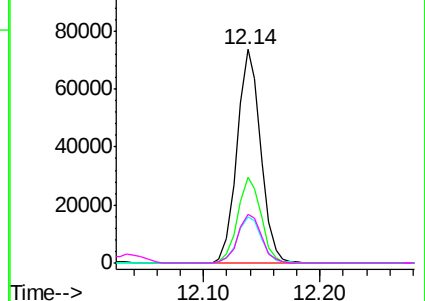


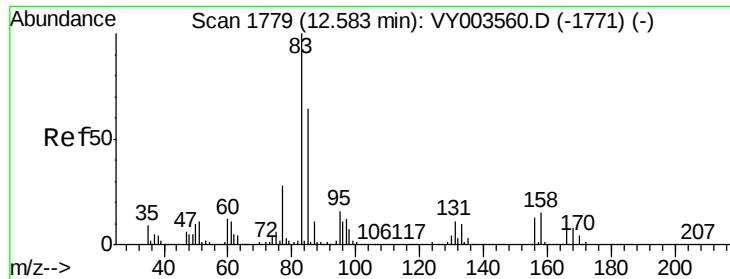
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 51.360 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

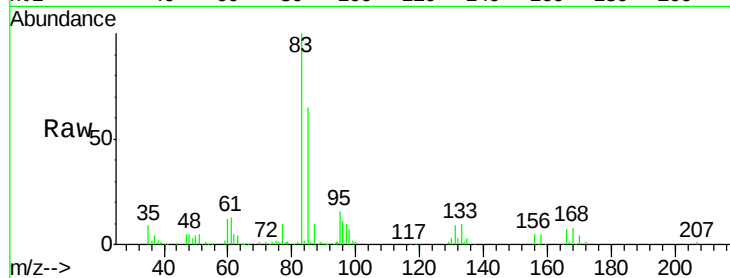
Tot Ion: 83 Resp: 72048

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

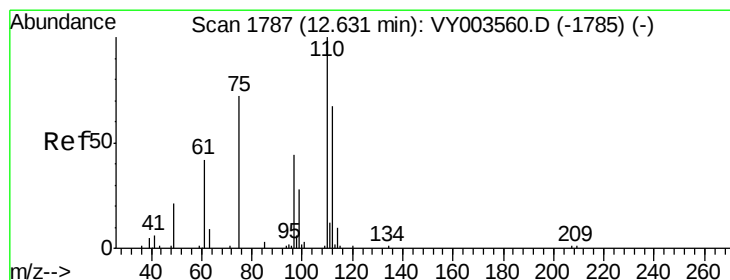
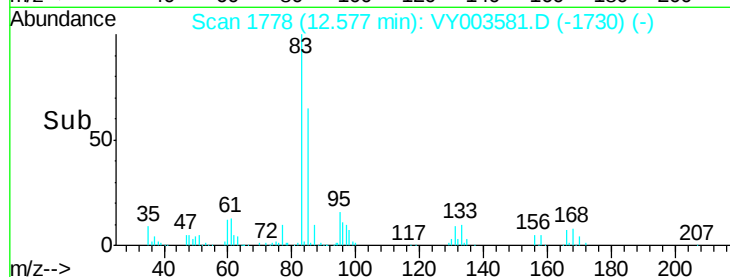
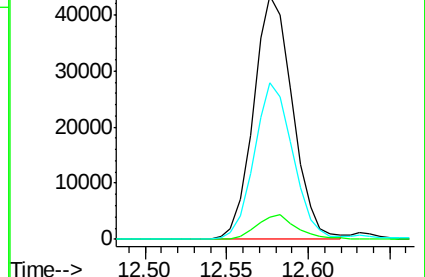
85 63.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VY003560.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY003560.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY003560.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 99.096 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY003581.D

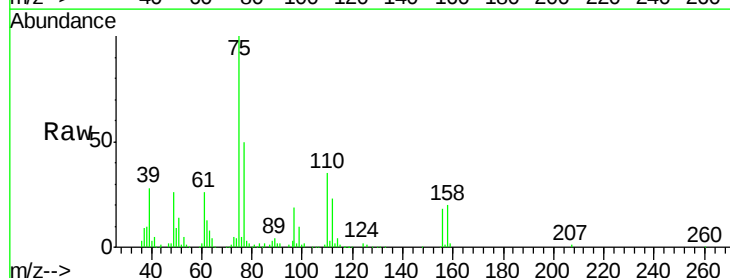
Acq: 20 Nov 2020 20:15

Tgt Ion: 75 Resp: 97231

Ion Ratio Lower Upper

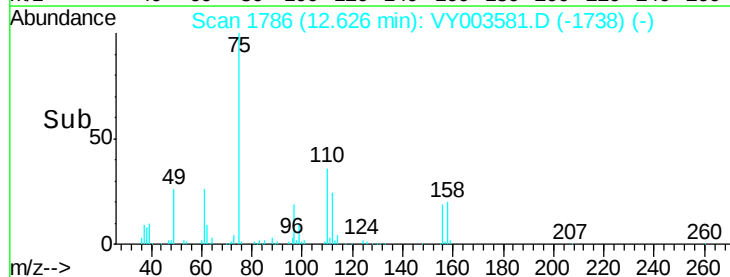
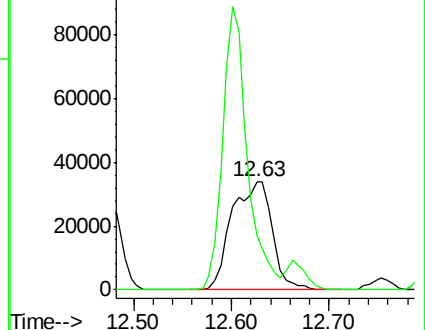
75 100

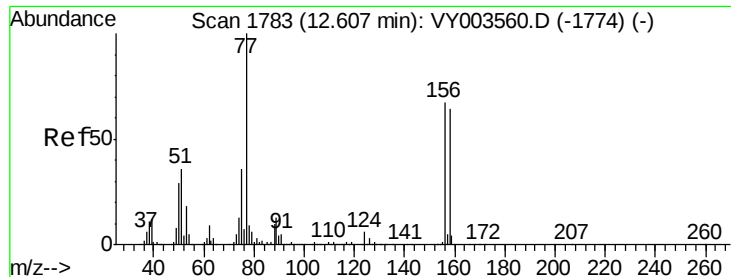
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003560.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003560.D (-1785) (-)





#77

Bromobenzene

Concen: 48.718 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

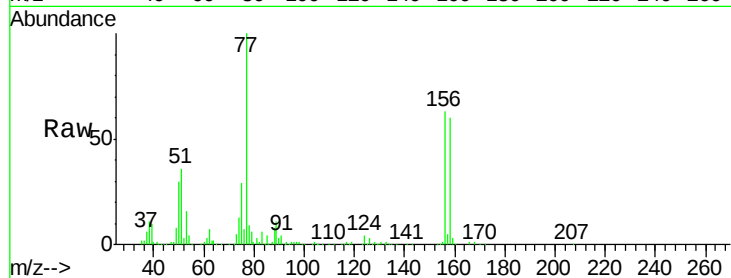
Tot Ion:156 Resp: 90360

Ion Ratio Lower Upper

156 100

77 172.3 85.7 257.1

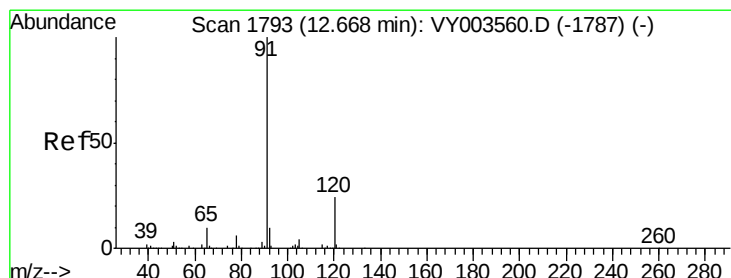
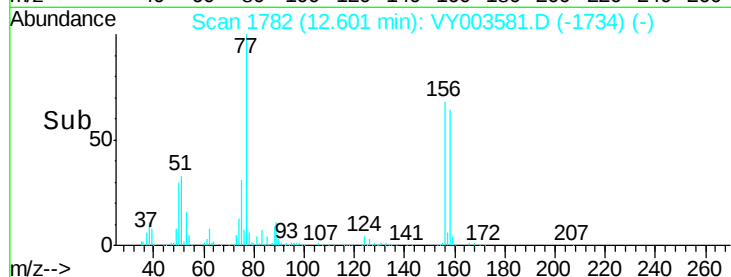
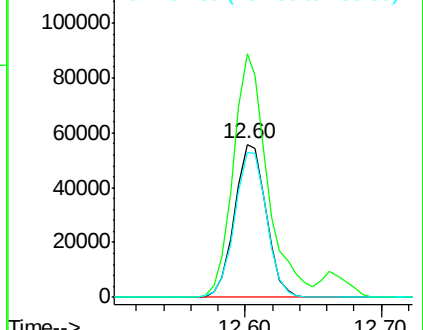
158 95.9 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.445 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003581.D

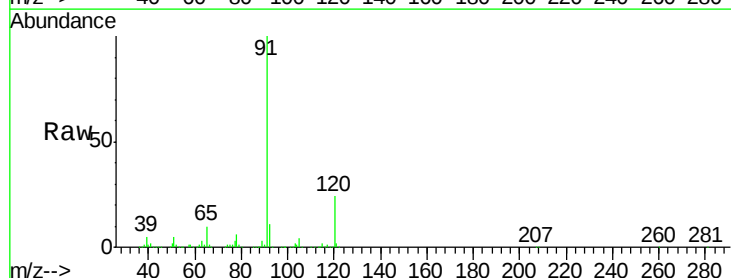
Acq: 20 Nov 2020 20:15

Tgt Ion: 91 Resp: 357267

Ion Ratio Lower Upper

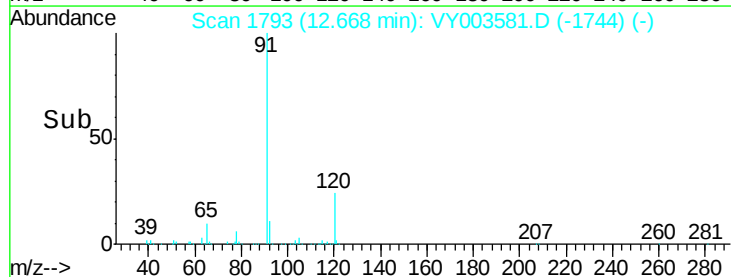
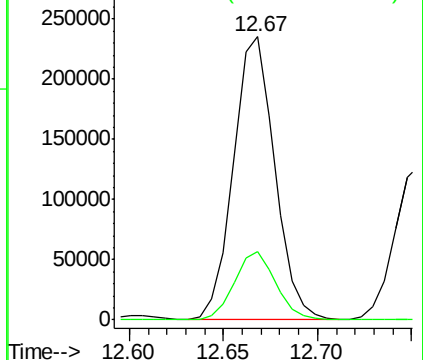
91 100

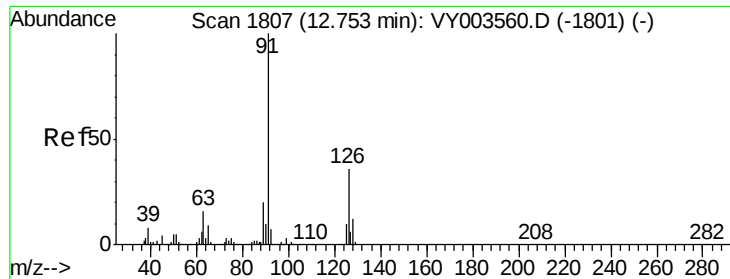
120 24.1 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

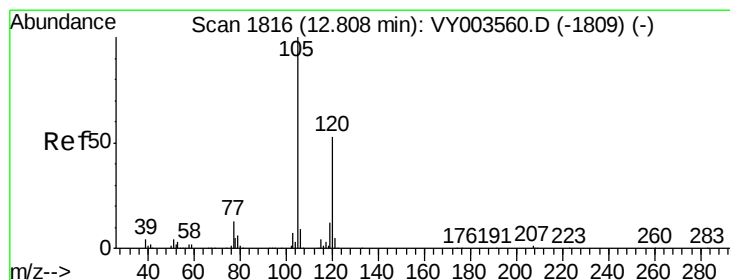
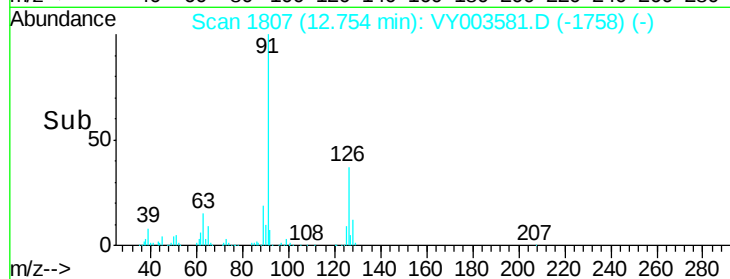
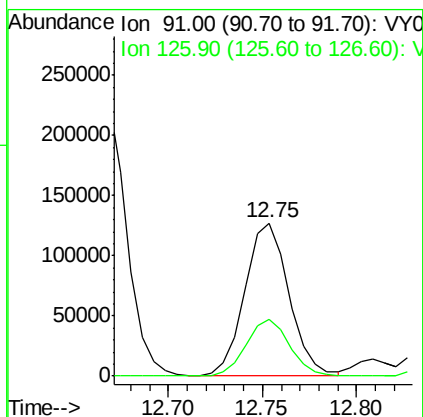
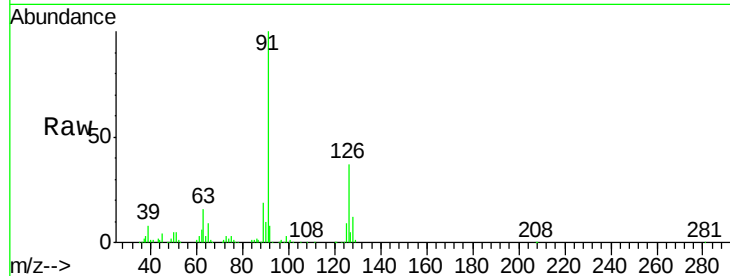




#79
2-Chlorotoluene
Concen: 50.652 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

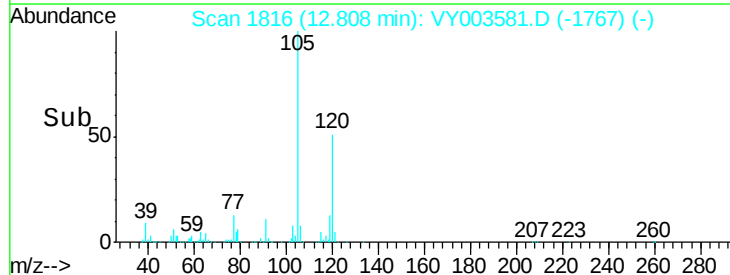
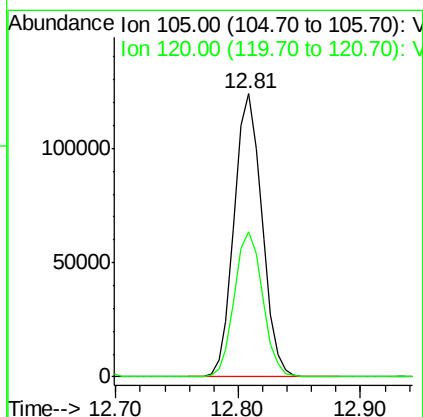
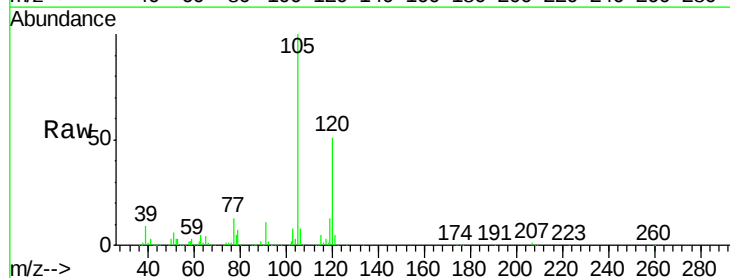
Instrument :
MSVOA_Y
ClientSampleId :

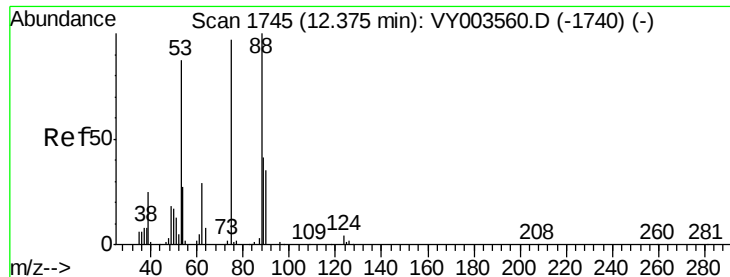
Tot Ion: 91 Resp: 207067
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.3



#80
1,3,5-Trimethylbenzene
Concen: 51.518 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion: 105 Resp: 195199
Ion Ratio Lower Upper
105 100
120 51.7 26.3 78.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.906 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

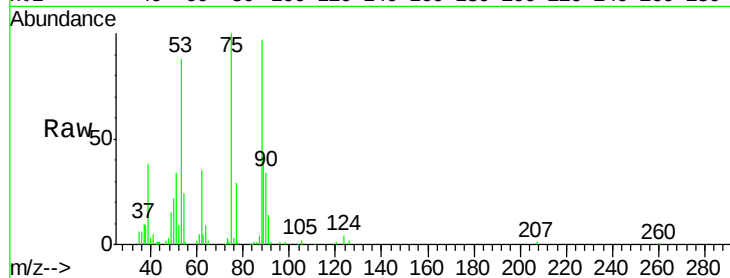
Tot Ion: 75 Resp: 28951

Ion Ratio Lower Upper

75 100

53 87.4 71.4 107.2

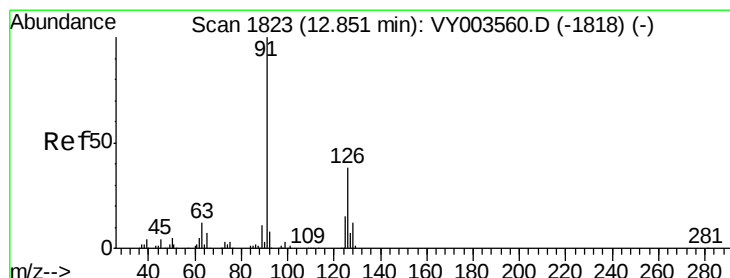
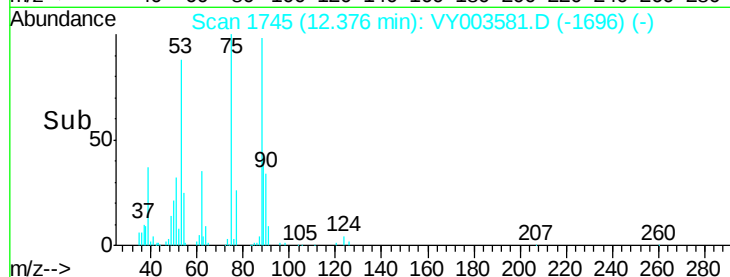
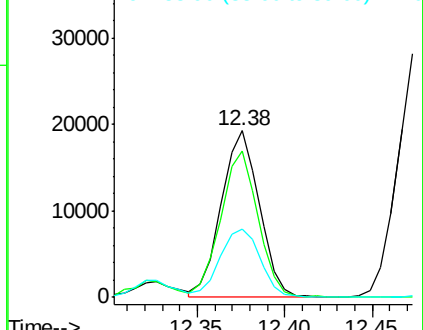
89 44.3 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.548 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003581.D

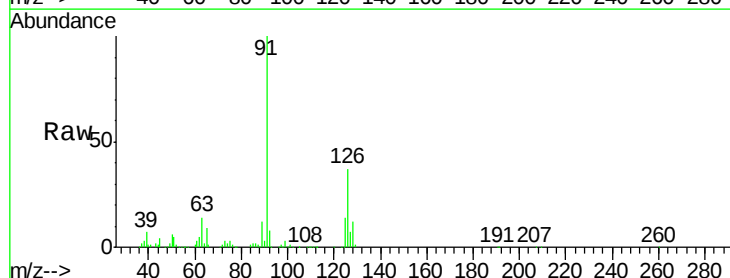
Acq: 20 Nov 2020 20:15

Tgt Ion: 91 Resp: 243160

Ion Ratio Lower Upper

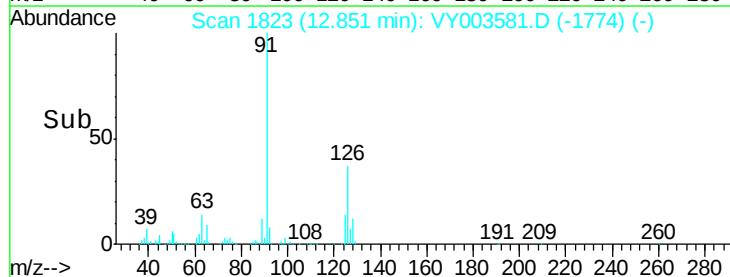
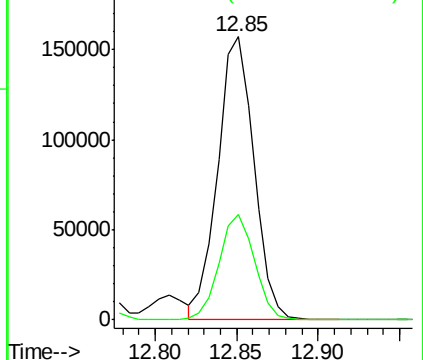
91 100

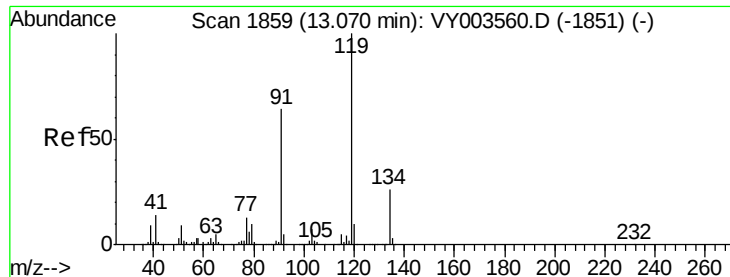
126 36.5 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

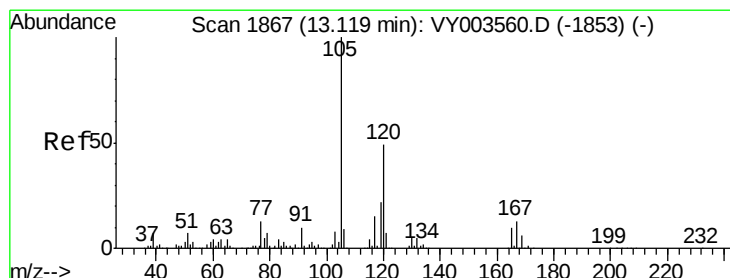
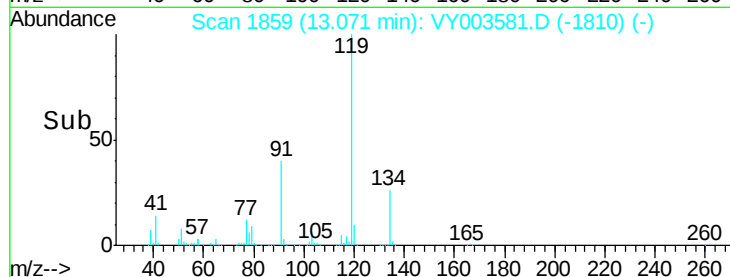
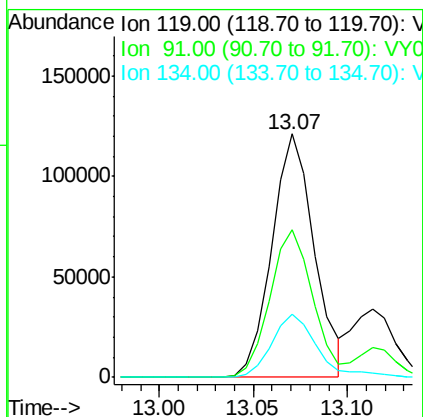
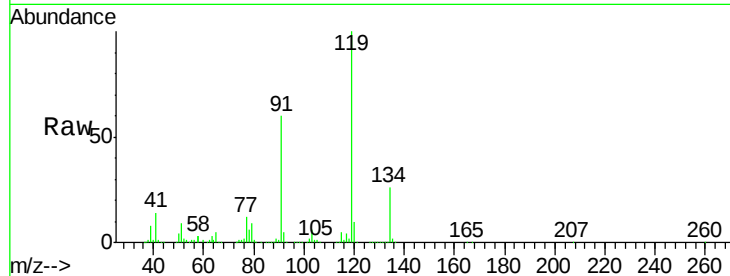




#83
tert-Butylbenzene
Concen: 49.237 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

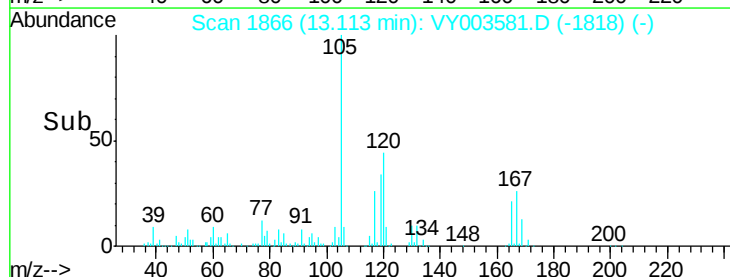
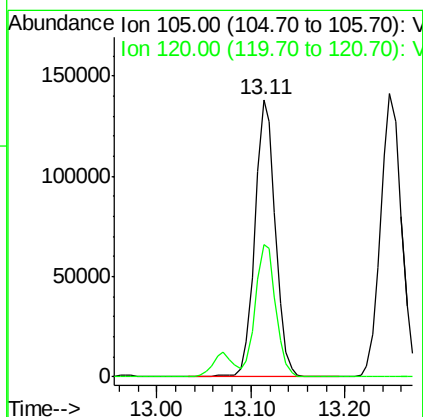
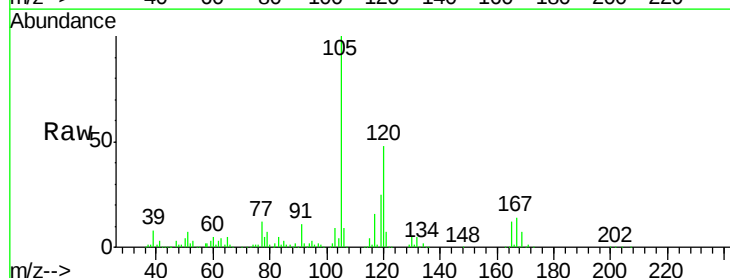
Instrument :
MSVOA_Y
ClientSampleId :

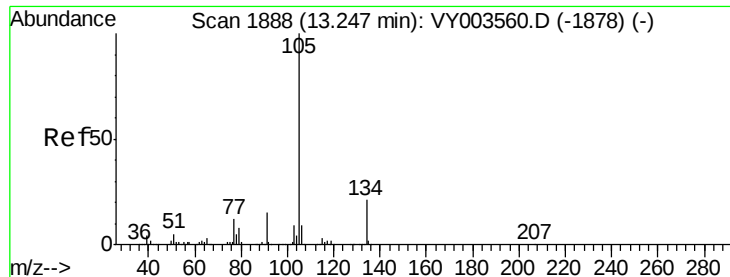
Tot Ion:119 Resp: 188836
Ion Ratio Lower Upper
119 100
91 62.0 31.8 95.3
134 28.0 14.1 42.2



#84
1,2,4-Trimethylbenzene
Concen: 52.491 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion:105 Resp: 211765
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.4

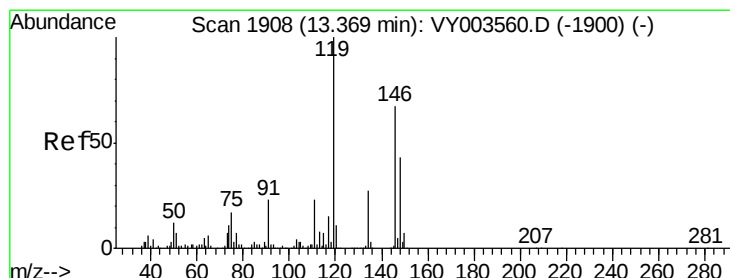
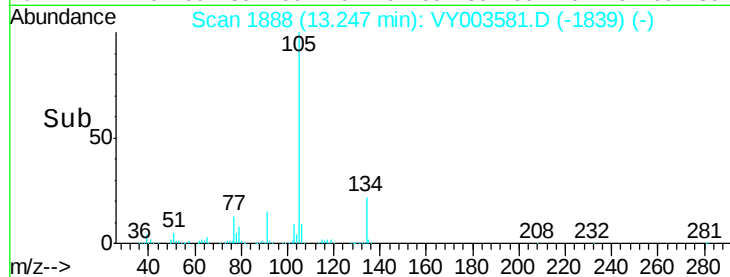
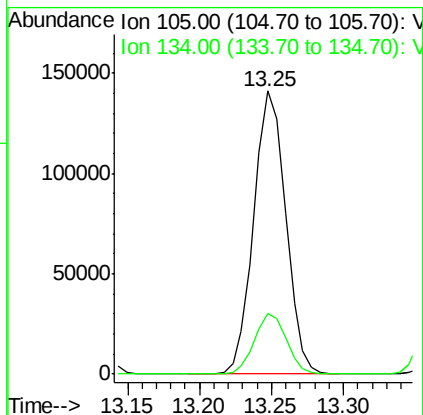
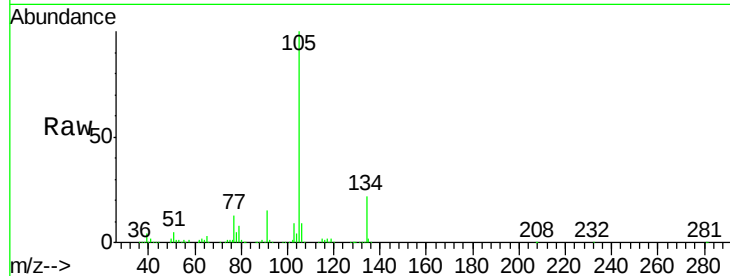




#85
 sec-Butylbenzene
 Concen: 49.926 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

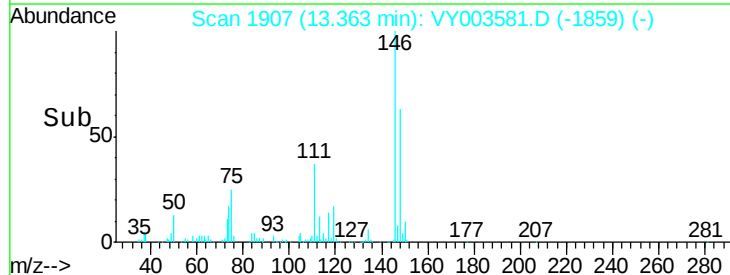
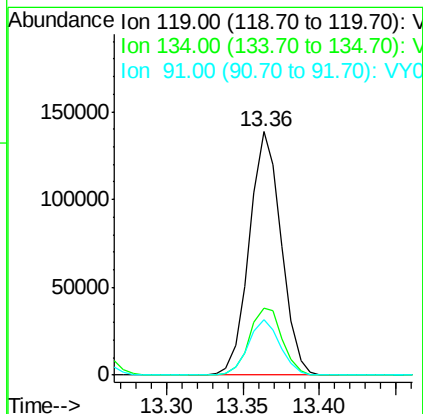
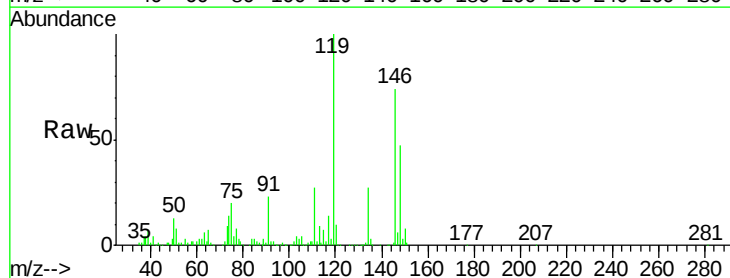
Instrument :
 MSVOA_Y
 ClientSampleId :

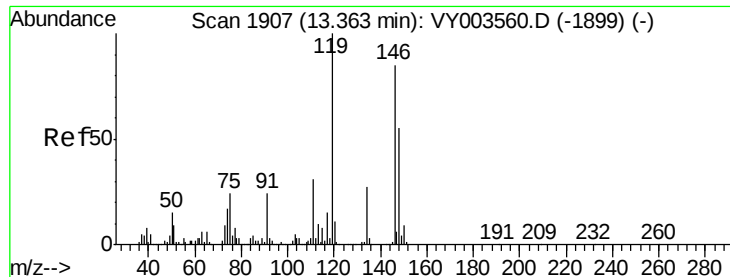
Tot Ion:105 Resp: 216739
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 51.324 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion:119 Resp: 199916
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.8 41.4
 91 22.7 11.4 34.2

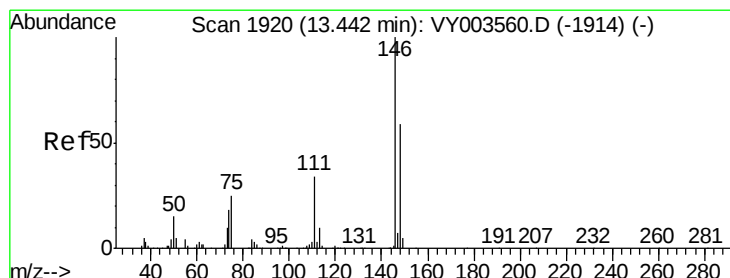
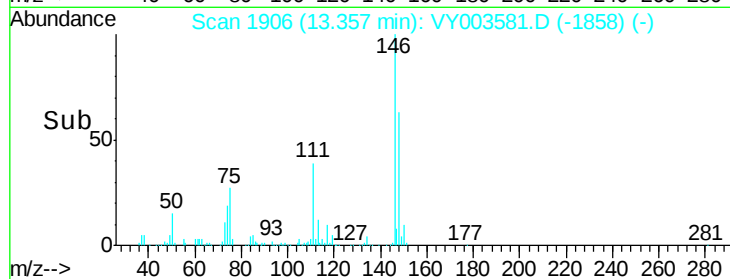
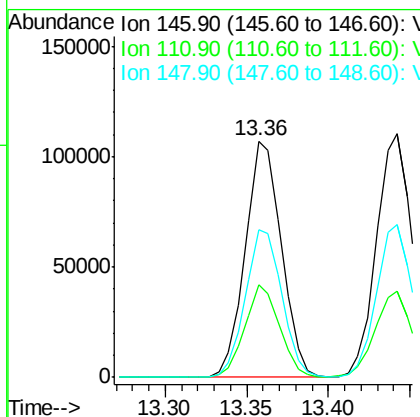
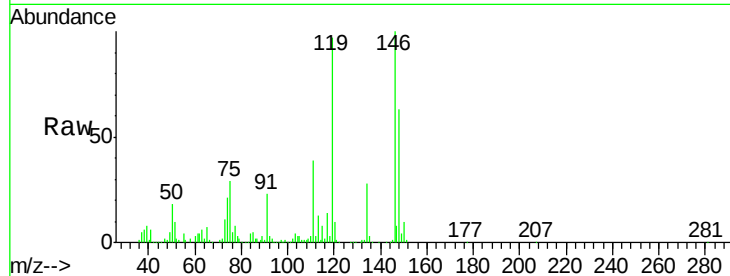




#87
 1,3-Dichlorobenzene
 Concen: 49.028 ug/l
 RT: 13.36 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

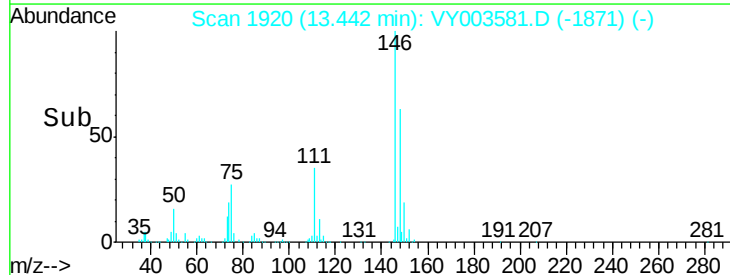
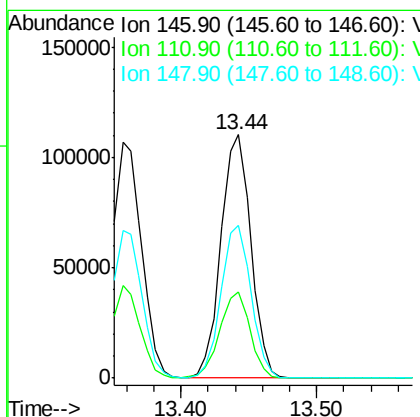
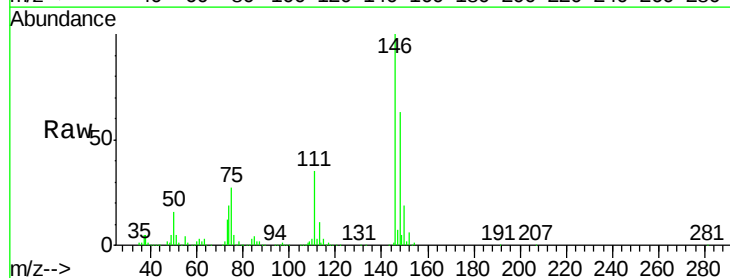
Instrument :
 MSVOA_Y
 ClientSampled :

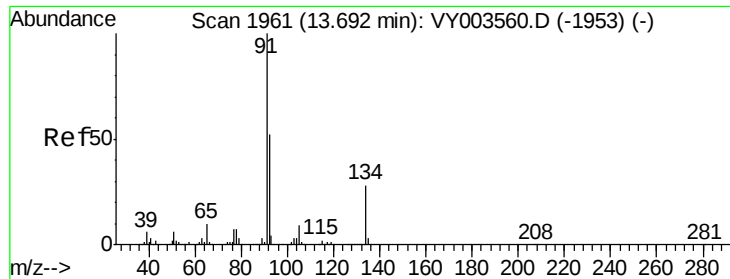
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.3	54.9
148	63.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.728 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.4
148	63.2	31.1	93.2

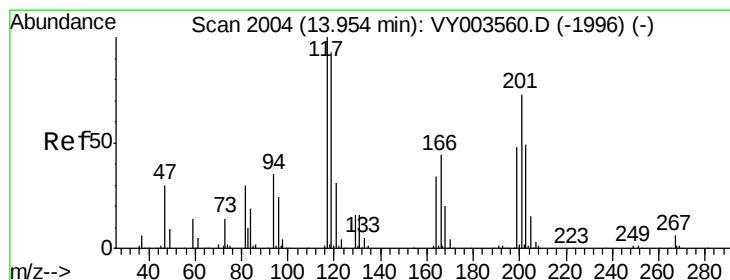
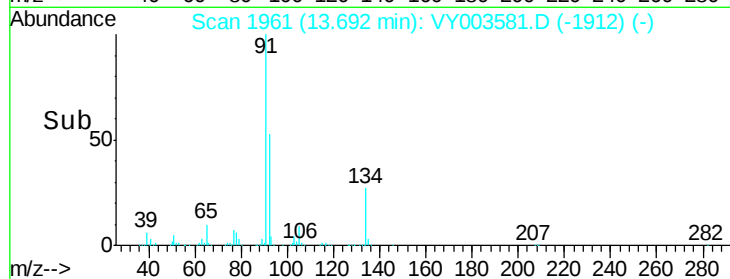
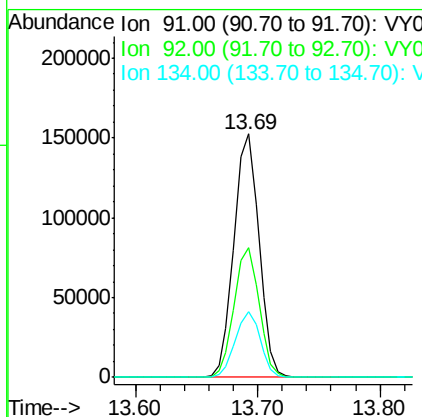
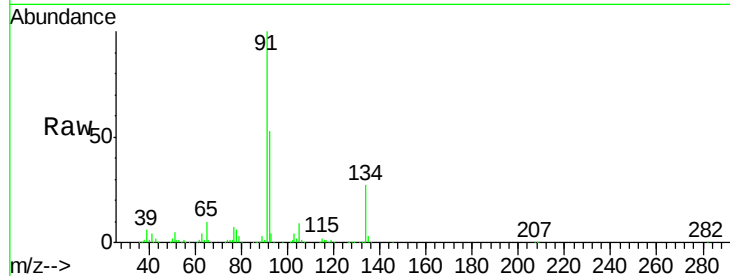




#89
n-Butylbenzene
Concen: 51.774 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

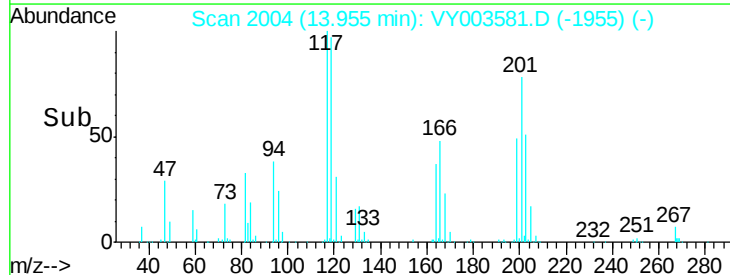
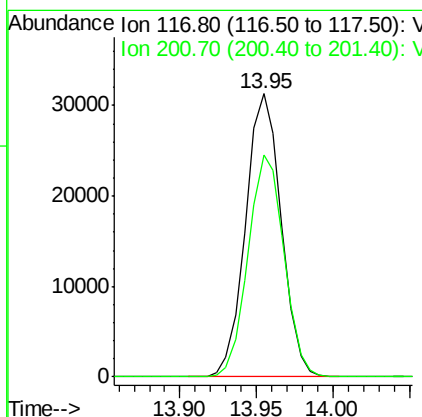
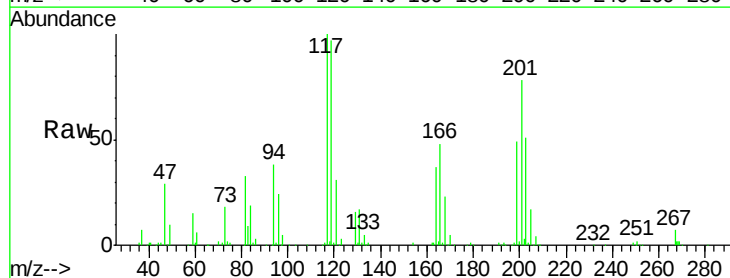
Instrument :
MSVOA_Y
ClientSampleId :

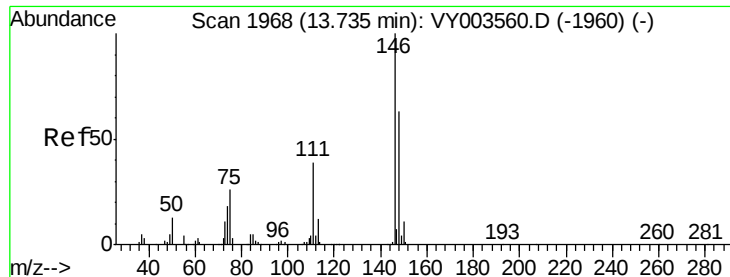
Tot Ion: 91 Resp: 215792
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.0
134 27.0 13.9 41.7



#90
Hexachloroethane
Concen: 49.199 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY003581.D
Acq: 20 Nov 2020 20:15

Tgt Ion: 117 Resp: 50673
Ion Ratio Lower Upper
117 100
201 78.9 41.3 123.9





#91

1,2-Dichlorobenzene

Concen: 51.408 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampled :

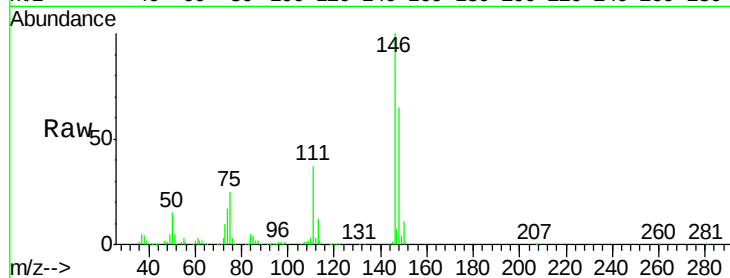
Tot Ion:146 Resp: 138537

Ion Ratio Lower Upper

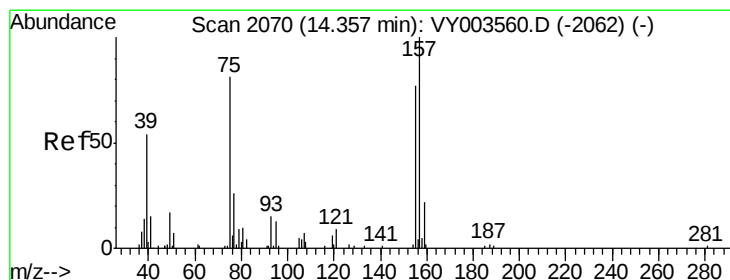
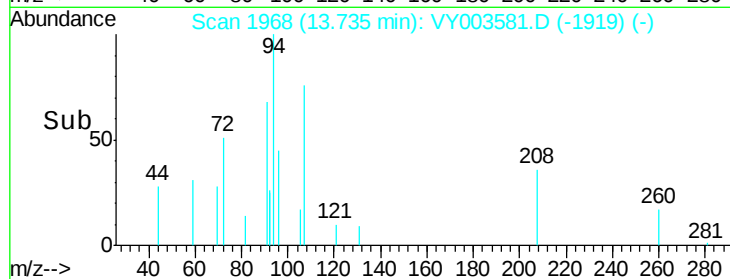
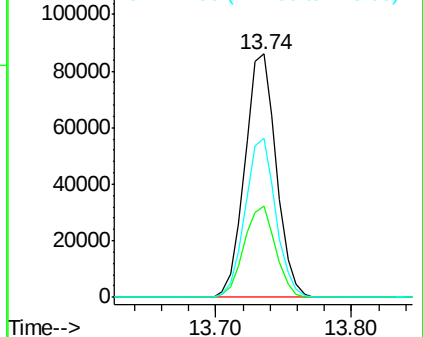
146 100

111 37.8 18.9 56.5

148 63.6 31.9 95.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.587 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

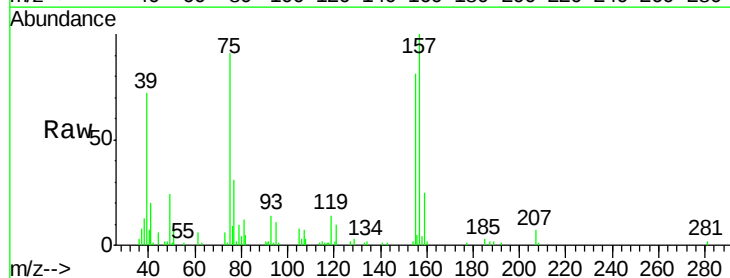
Tgt Ion: 75 Resp: 9791

Ion Ratio Lower Upper

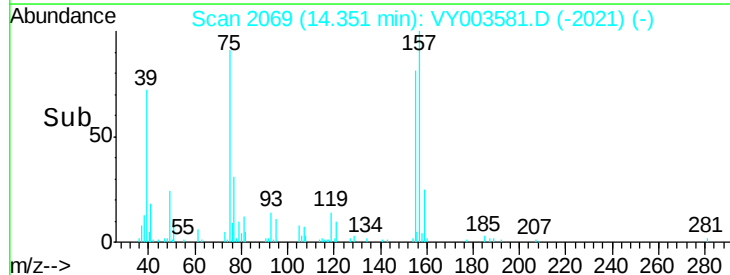
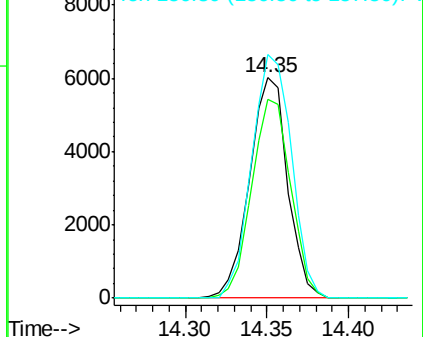
75 100

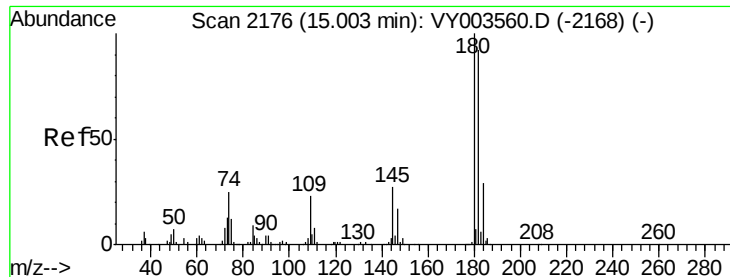
155 92.3 45.4 136.2

157 115.3 59.7 179.1



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

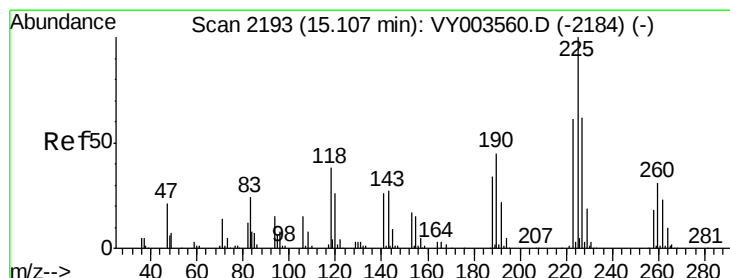
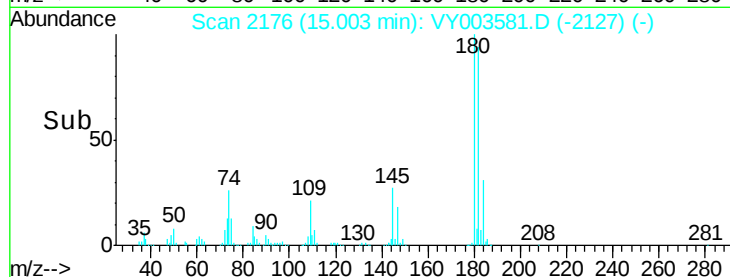
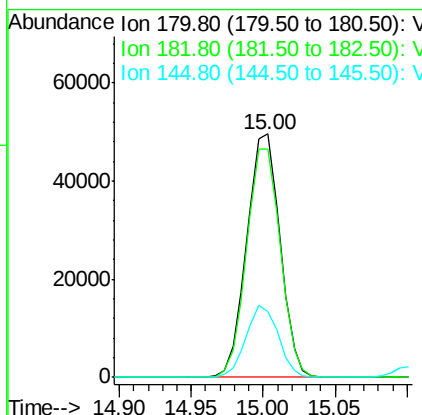
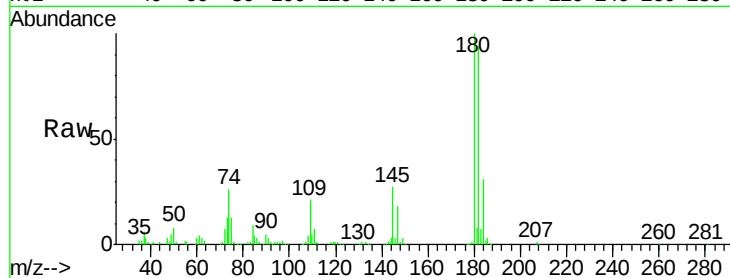




#93
 1,2,4-Trichlorobenzene
 Concen: 52.546 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

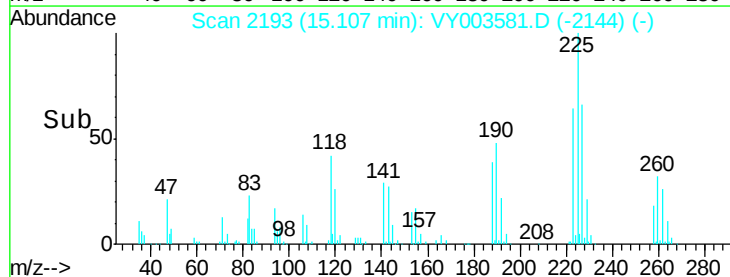
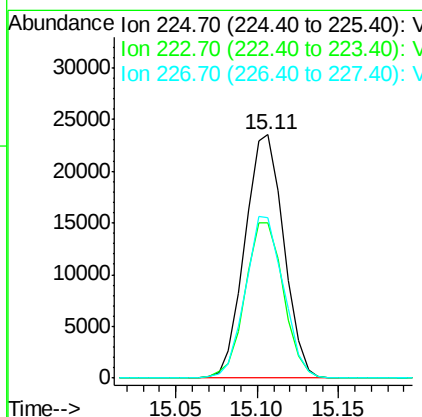
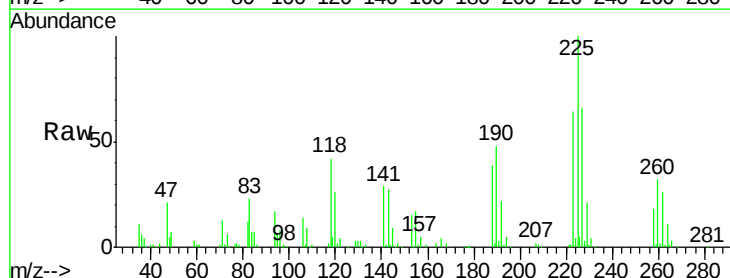
Instrument :
 MSVOA_Y
 ClientSampleId :

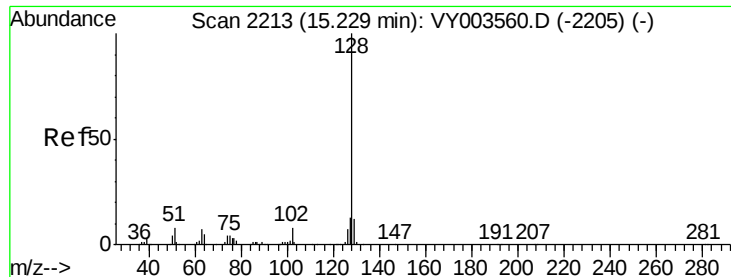
Tot Ion:180 Resp: 79416
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.4 142.3
 145 28.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.154 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003581.D
 Acq: 20 Nov 2020 20:15

Tgt Ion:225 Resp: 38907
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.0 96.0
 227 65.2 31.6 94.7





#95

Naphthalene

Concen: 55.911 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

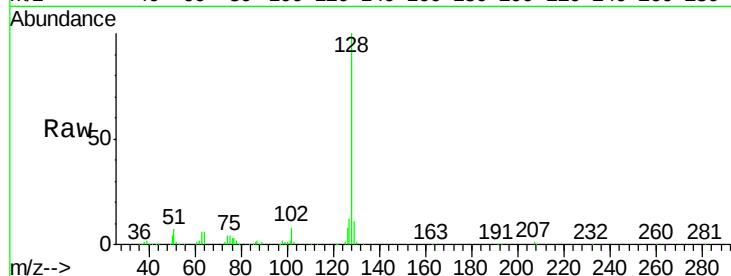
Tot Ion:128 Resp: 144198

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

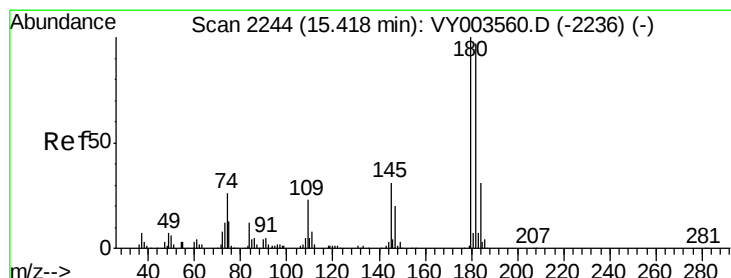
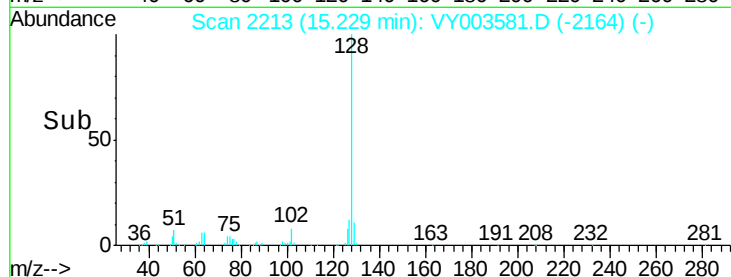
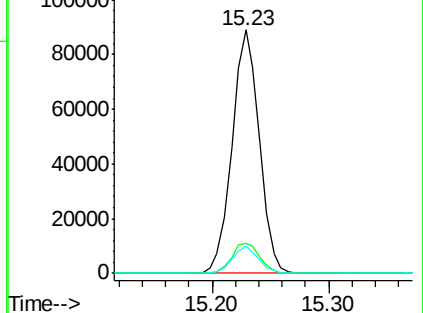
129 10.9 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.667 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY003581.D

Acq: 20 Nov 2020 20:15

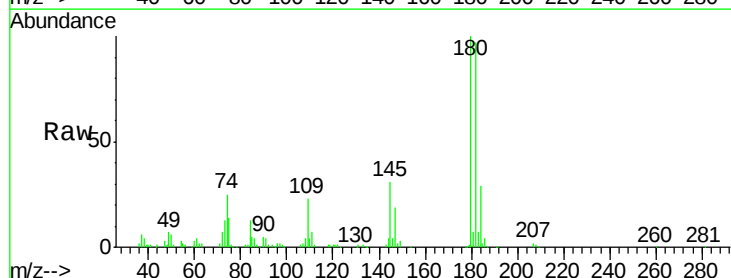
Tgt Ion:180 Resp: 60736

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.2

145 28.7 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

