

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003565.D
 Acq On : 20 Nov 2020 14:20
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:49:54 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	164980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	245691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	220926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108021	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	80411	46.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.88%
35) Dibromofluoromethane	7.72	113	77386	47.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.84%
50) Toluene-d8	10.18	98	292930	46.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.28%
62) 4-Bromofluorobenzene	12.48	95	95962	48.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	10013	20.594	ug/l	86
3) Chloromethane	2.12	50	22770	19.895	ug/l	97
4) Vinyl Chloride	2.26	62	30021	20.276	ug/l	99
5) Bromomethane	2.66	94	25442	20.543	ug/l	96
6) Chloroethane	2.80	64	21124	20.344	ug/l	96
7) Trichlorofluoromethane	3.13	101	24505	18.762	ug/l	95
8) Diethyl Ether	3.53	74	19257	20.327	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	29780	19.864	ug/l	100
10) Methyl Iodide	4.10	142	51029	20.045	ug/l	99
11) Tert butyl alcohol	5.02	59	13119	101.326	ug/l #	100
12) 1,1-Dichloroethene	3.87	96	32989	20.308	ug/l	96
13) Acrolein	3.74	56	17489	107.002	ug/l	100
14) Allyl chloride	4.48	41	54010	19.834	ug/l	97
15) Acrylonitrile	5.18	53	45401	101.863	ug/l	98
16) Acetone	3.97	43	50050	87.505	ug/l	93
17) Carbon Disulfide	4.20	76	92859	19.858	ug/l	97
18) Methyl Acetate	4.49	43	24436	19.639	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	47275	19.607	ug/l	97
20) Methylene Chloride	4.72	84	45591	22.018	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	35814	19.719	ug/l	94
22) Diisopropyl ether	6.13	45	95151	20.385	ug/l	96
23) Vinyl Acetate	6.07	43	377579	104.071	ug/l	99
24) 1,1-Dichloroethane	6.02	63	63660	20.491	ug/l	97
25) 2-Butanone	7.00	43	70062	94.400	ug/l	98
26) 2,2-Dichloropropane	6.99	77	40274	19.824	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	40250	20.441	ug/l	99
28) Bromochloromethane	7.34	49	28329	18.628	ug/l	98
29) Tetrahydrofuran	7.36	42	38501	99.023	ug/l	99
30) Chloroform	7.51	83	63228	20.394	ug/l	94
31) Cyclohexane	7.78	56	48966	19.772	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	47720	19.919	ug/l	97
36) 1,1-Dichloropropene	7.92	75	50292	20.792	ug/l	97
37) Ethyl Acetate	7.08	43	30383	20.845	ug/l	98
38) Carbon Tetrachloride	7.90	117	46129	20.587	ug/l	97

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:49:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	47456	19.306	ug/l	97
40) Benzene	8.16	78	144895	20.208	ug/l	99
41) Methacrylonitrile	7.32	41	15018	17.427	ug/l	94
42) 1,2-Dichloroethane	8.24	62	42703	20.935	ug/l	99
43) Isopropyl Acetate	8.28	43	54498	20.362	ug/l	97
44) Trichloroethene	8.94	130	40158	20.554	ug/l	97
45) 1,2-Dichloropropane	9.22	63	36316	20.432	ug/l	100
46) Dibromomethane	9.30	93	20538	20.290	ug/l	100
47) Bromodichloromethane	9.50	83	48286	20.084	ug/l	99
48) Methyl methacrylate	9.29	41	25609	19.989	ug/l	95
49) 1,4-Dioxane	9.32	88	5219	450.005	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	126850	98.890	ug/l	98
52) Toluene	10.24	92	89639	20.418	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	51117	20.314	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	58288	20.352	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	28846	20.092	ug/l	88
56) Ethyl methacrylate	10.51	69	35609	20.410	ug/l	99
57) 1,3-Dichloropropane	10.79	76	51325	21.122	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	94877	105.965	ug/l	99
59) 2-Hexanone	10.83	43	102203	96.652	ug/l	100
60) Dibromochloromethane	10.99	129	35418	20.403	ug/l	100
61) 1,2-Dibromoethane	11.09	107	28309	20.462	ug/l	96
64) Tetrachloroethene	10.72	164	32575	19.740	ug/l	92
65) Chlorobenzene	11.52	112	97698	20.440	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	27949	20.378	ug/l	98
67) Ethyl Benzene	11.59	91	159848	20.409	ug/l	99
68) m/p-Xylenes	11.70	106	124762	41.599	ug/l	99
69) o-Xylene	12.03	106	49495	20.632	ug/l	99
70) Styrene	12.04	104	98597	20.392	ug/l	99
71) Bromoform	12.20	173	21957	19.824	ug/l #	99
73) Isopropylbenzene	12.33	105	110534	20.543	ug/l	98
74) N-amyl acetate	12.14	43	42802	20.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	31177	20.823	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	42399	40.486	ug/l #	100
77) Bromobenzene	12.61	156	41025	20.723	ug/l	98
78) n-propylbenzene	12.67	91	153754	20.340	ug/l	99
79) 2-Chlorotoluene	12.75	91	89703	20.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	83446	20.634	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	13046	19.804	ug/l	99
82) 4-Chlorotoluene	12.85	91	108759	20.344	ug/l	99
83) tert-Butylbenzene	13.07	119	81848	19.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	89575	20.803	ug/l	100
85) sec-Butylbenzene	13.25	105	95321	20.572	ug/l	98
86) p-Isopropyltoluene	13.36	119	87995	21.165	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	74572	20.694	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	73646	19.943	ug/l	97
89) n-Butylbenzene	13.69	91	89434	20.104	ug/l	98
90) Hexachloroethane	13.95	117	22514	20.480	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	58414	20.308	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	4162	21.342	ug/l	97

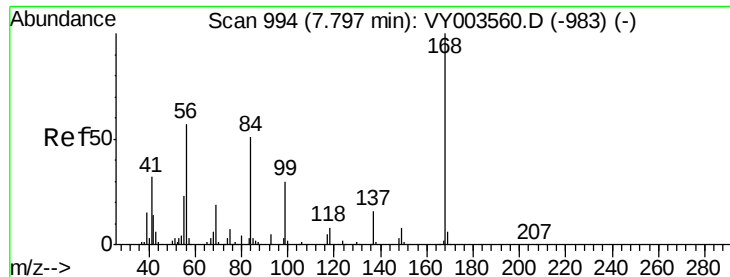
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
Data File : VY003565.D
Acq On : 20 Nov 2020 14:20
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	32574	20.193	ug/l	99
94) Hexachlorobutadiene	15.11	225	18418	18.751	ug/l	98
95) Naphthalene	15.23	128	55323	20.097	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	24254	20.453	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

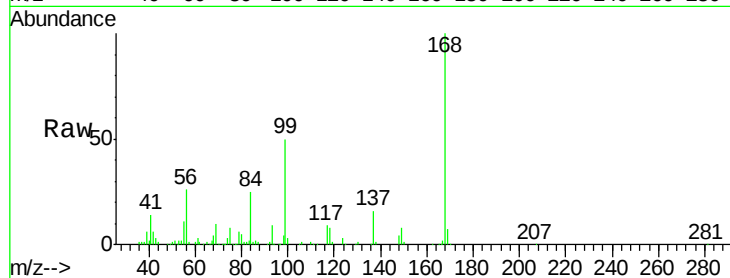
ClientSampleId :

Tot Ion:168 Resp: 164980

Ion Ratio Lower Upper

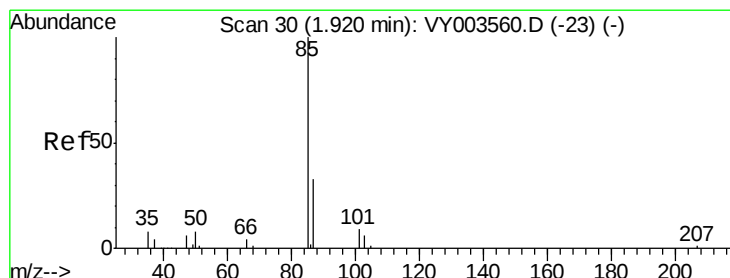
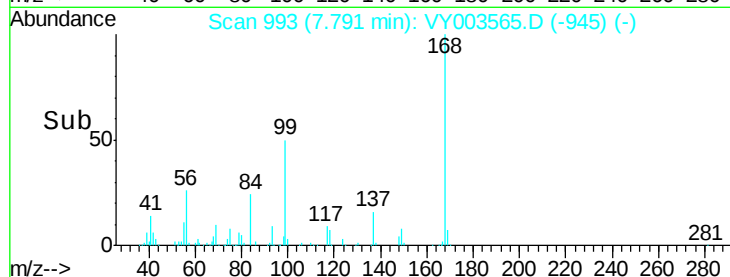
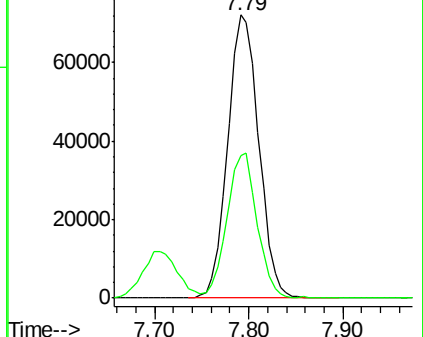
168 100

99 50.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003565.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003565.D (-945) (-)



#2

Dichlorodifluoromethane

Concen: 20.594 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY003565.D

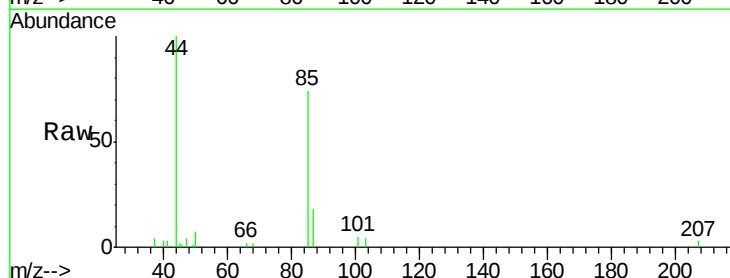
Acq: 20 Nov 2020 14:20

Tgt Ion: 85 Resp: 10013

Ion Ratio Lower Upper

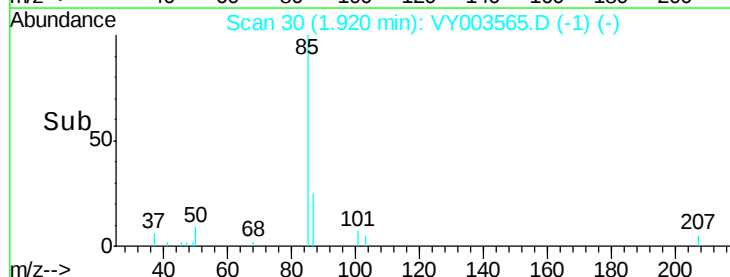
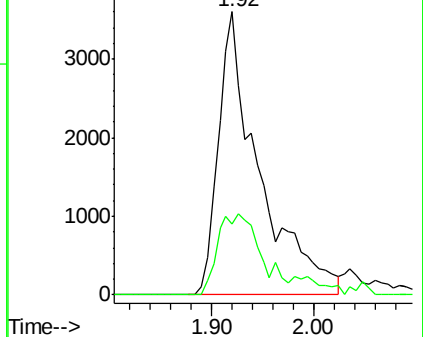
85 100

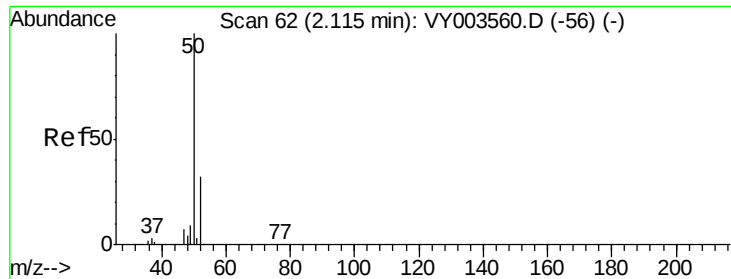
87 24.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003565.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003565.D (-1) (-)





#3

Chloromethane

Concen: 19.895 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

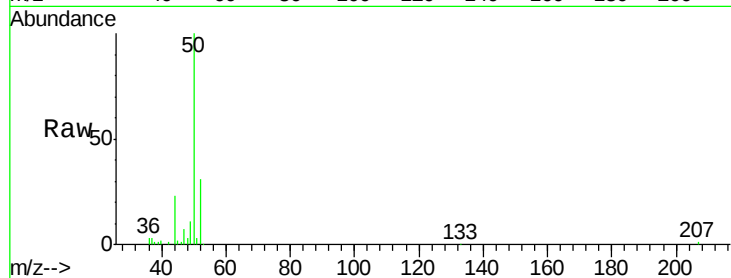
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 22770

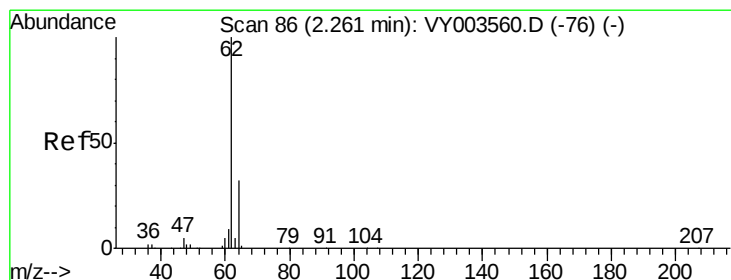
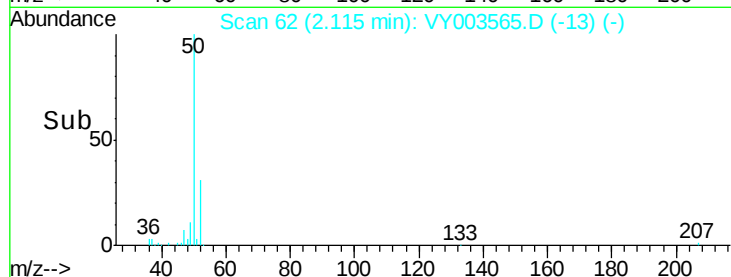
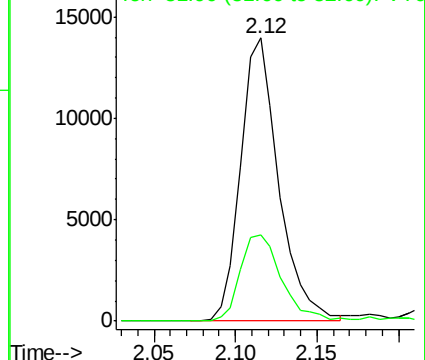
Ion Ratio Lower Upper

50 100

52 30.6 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: 20.276 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003565.D

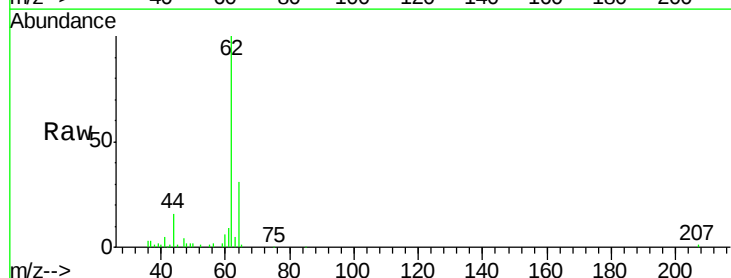
Acq: 20 Nov 2020 14:20

Tgt Ion: 62 Resp: 30021

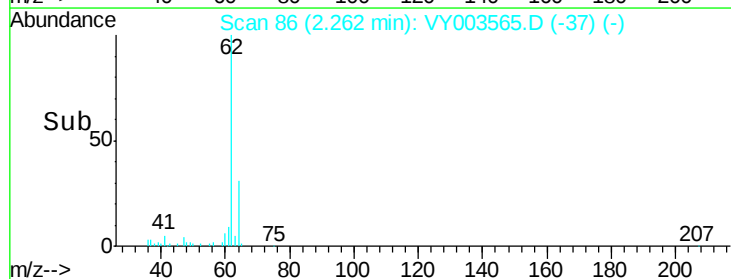
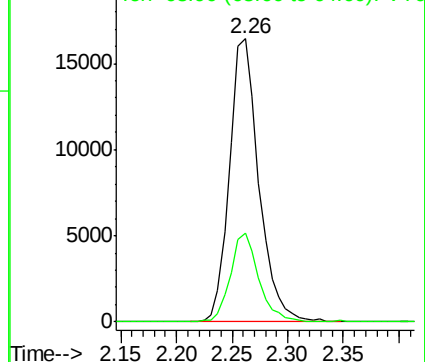
Ion Ratio Lower Upper

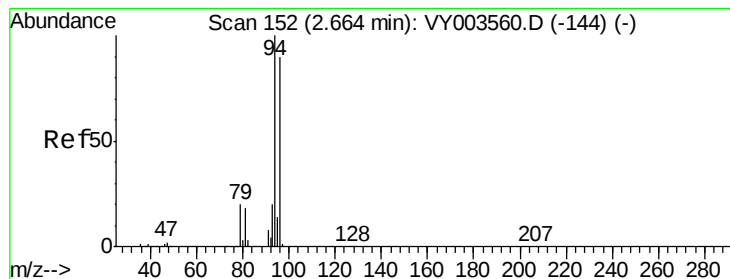
62 100

64 31.4 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: 20.543 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

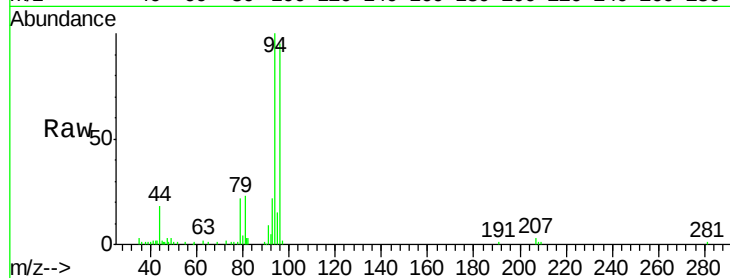
ClientSampleId :

Tot Ion: 94 Resp: 25442

Ion Ratio Lower Upper

94 100

96 94.0 71.9 107.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

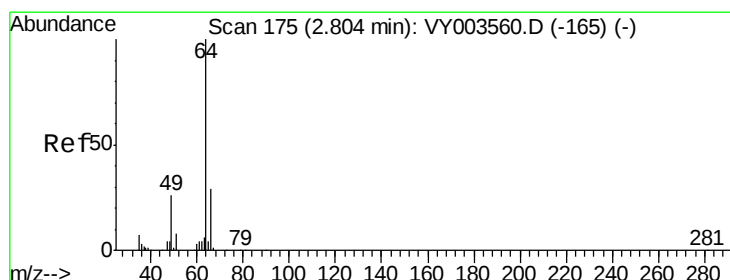
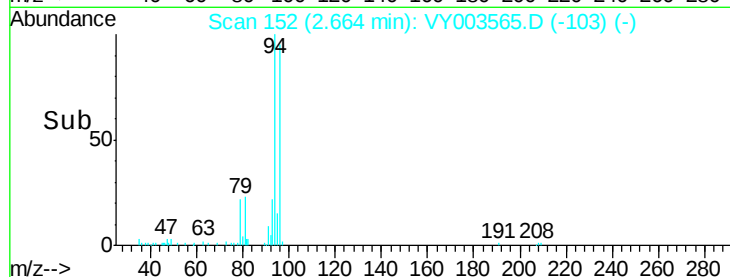
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.344 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003565.D

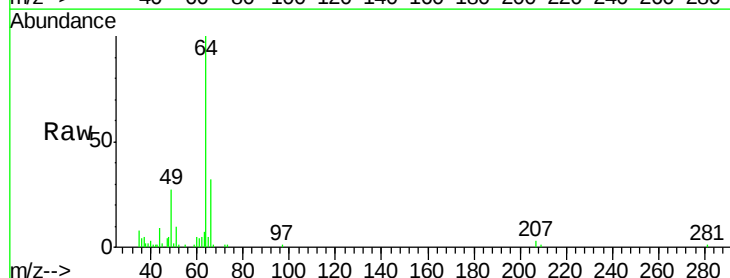
Acq: 20 Nov 2020 14:20

Tgt Ion: 64 Resp: 21124

Ion Ratio Lower Upper

64 100

66 31.6 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

10000

8000

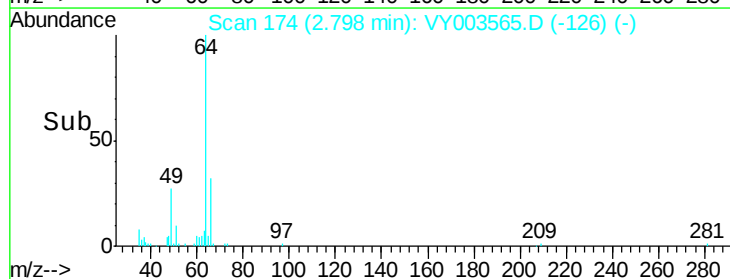
6000

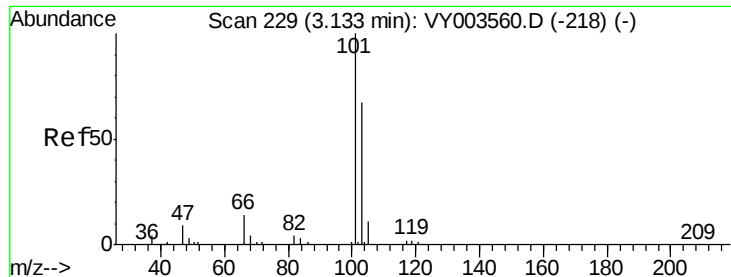
4000

2000

0

Time-->



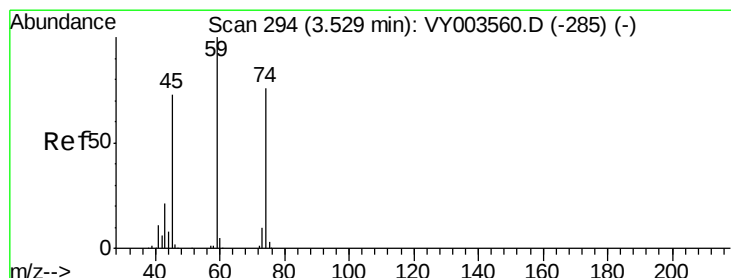
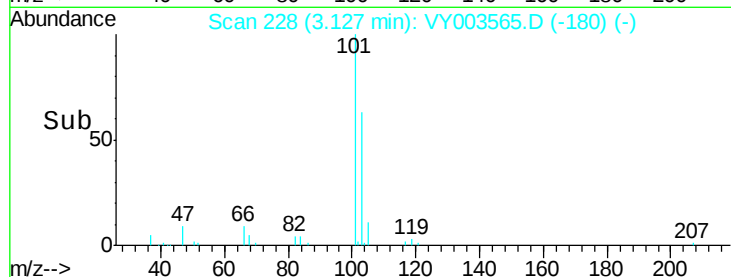
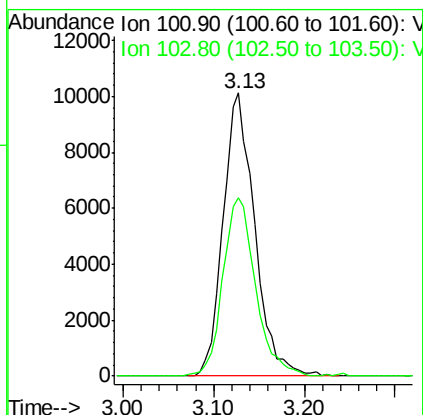
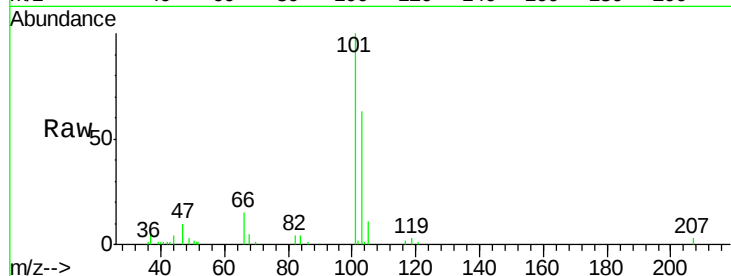


#7

Trichlorofluoromethane
 Concen: 18.762 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampled :

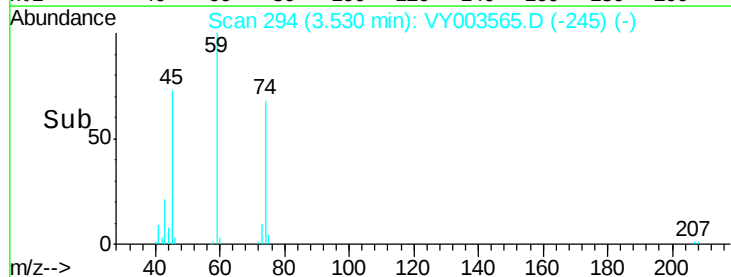
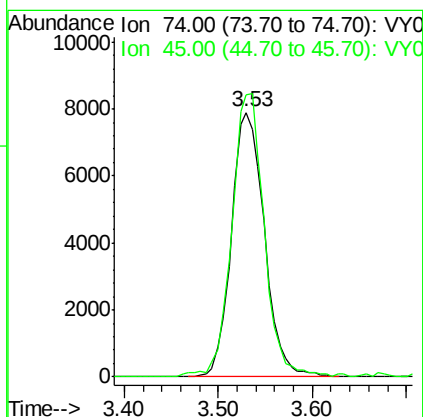
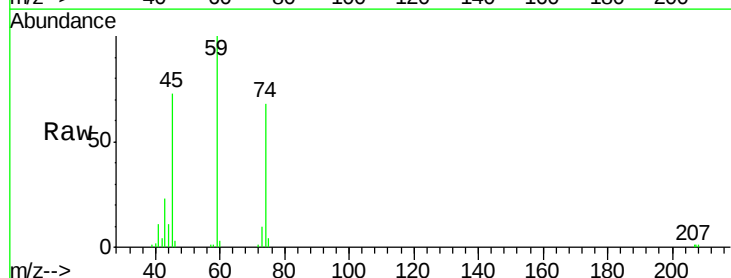
Tot Ion:101 Resp: 24505
 Ion Ratio Lower Upper
 101 100
 103 62.2 53.3 79.9

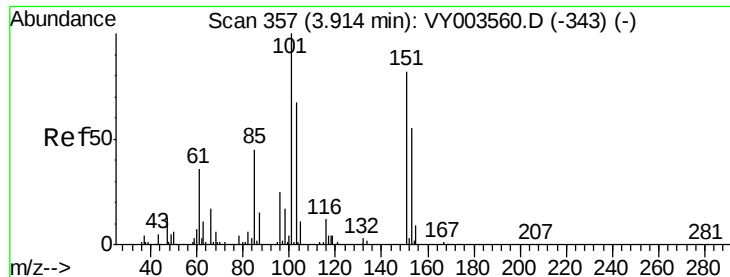


#8

Diethyl Ether
 Concen: 20.327 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion: 74 Resp: 19257
 Ion Ratio Lower Upper
 74 100
 45 105.1 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.864 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

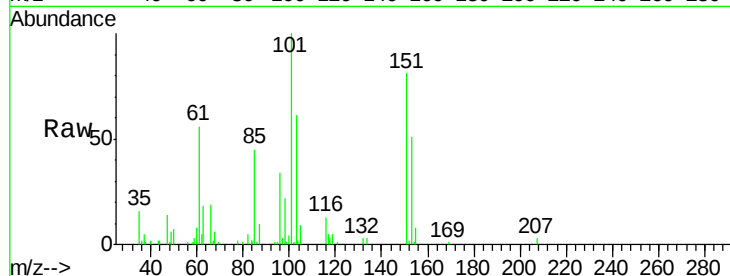
Tot Ion:101 Resp: 29780

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

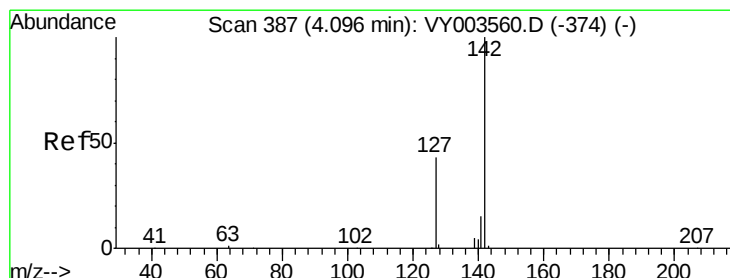
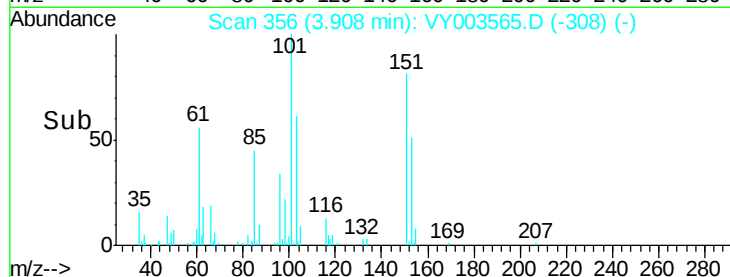
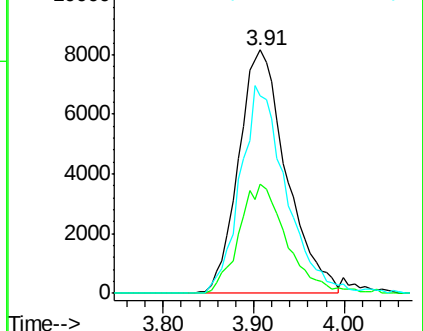
151 81.5 65.4 98.0



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: 20.045 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

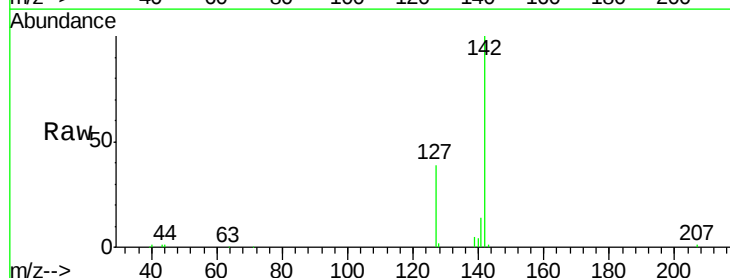
Tgt Ion:142 Resp: 51029

Ion Ratio Lower Upper

142 100

127 41.4 34.2 51.2

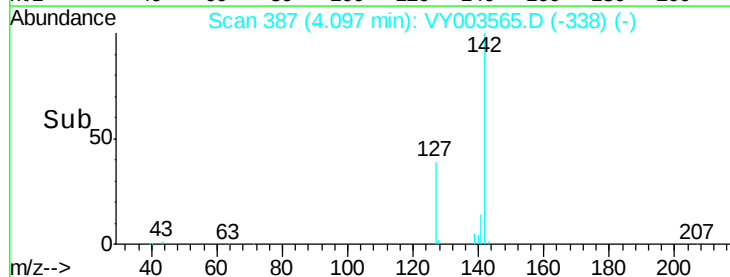
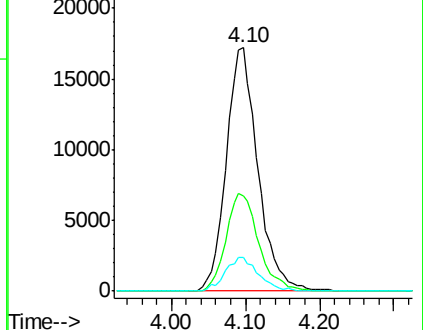
141 14.4 11.5 17.3

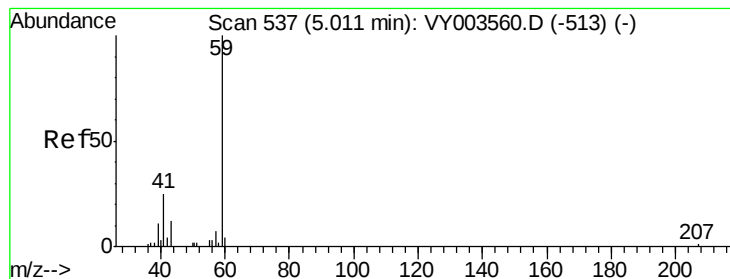


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



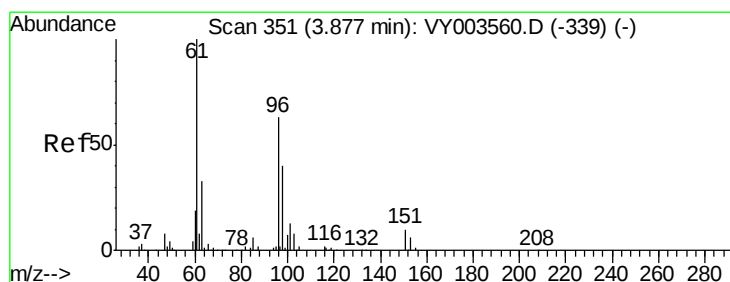
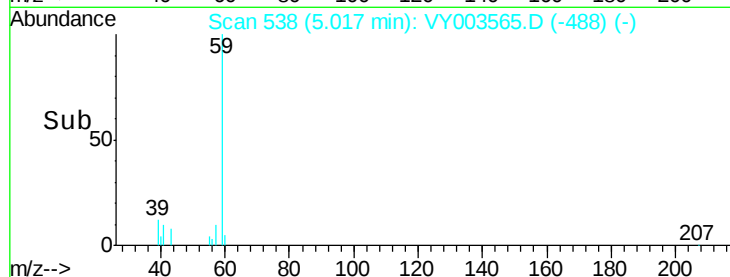
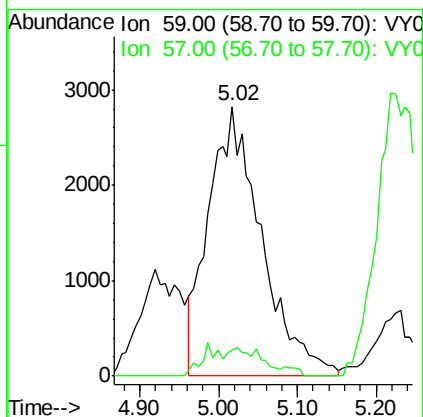
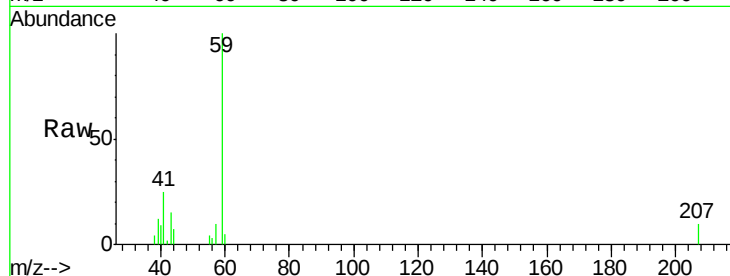


#11

Tert butyl alcohol
Concen: 101.326 ug/l
RT: 5.02 min Scan# 538
Delta R.T. 0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :

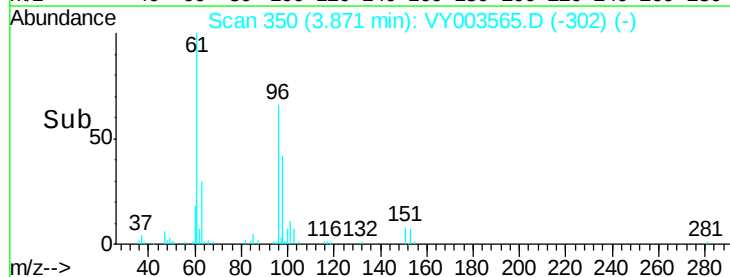
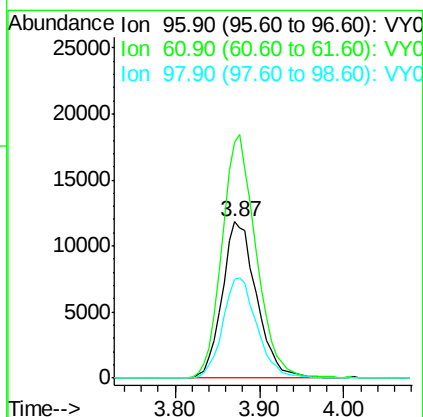
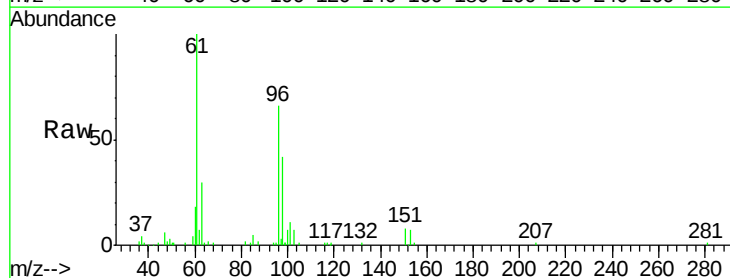
Tot Ion: 59 Resp: 13119
Ion Ratio Lower Upper
59 100
57 4.9 0.0 0.0#

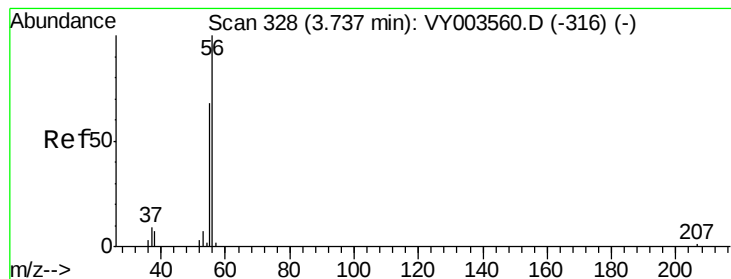


#12

1,1-Dichloroethene
Concen: 20.308 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 96 Resp: 32989
Ion Ratio Lower Upper
96 100
61 151.2 127.3 190.9
98 63.3 50.6 76.0





#13

Acrolein

Concen: 107.002 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

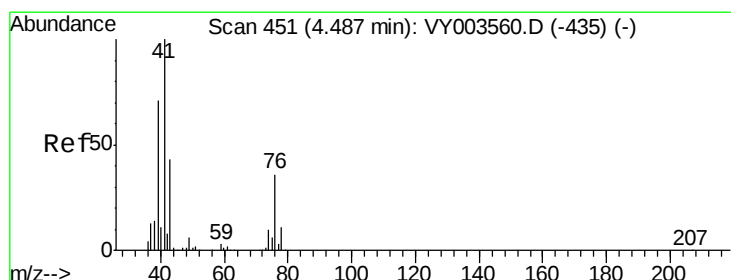
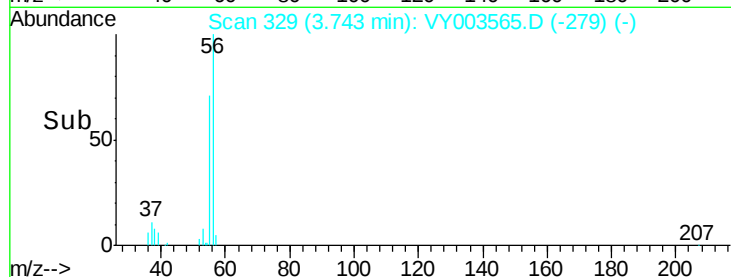
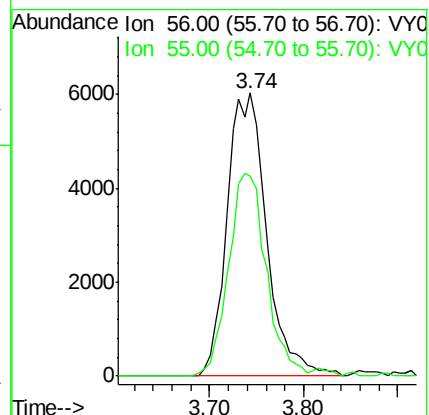
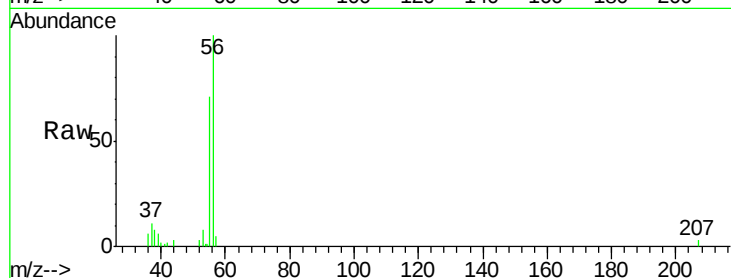
ClientSampleId :

Tot Ion: 56 Resp: 17489

Ion Ratio Lower Upper

56 100

55 68.3 54.6 81.8



#14

Allyl chloride

Concen: 19.834 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

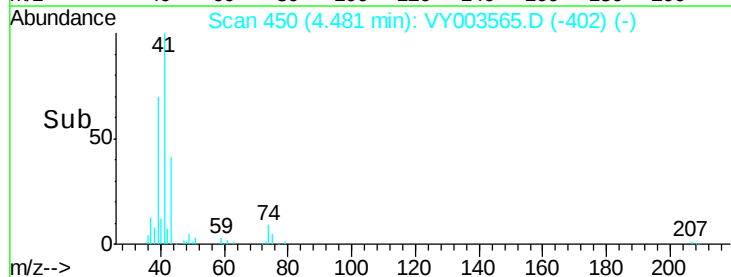
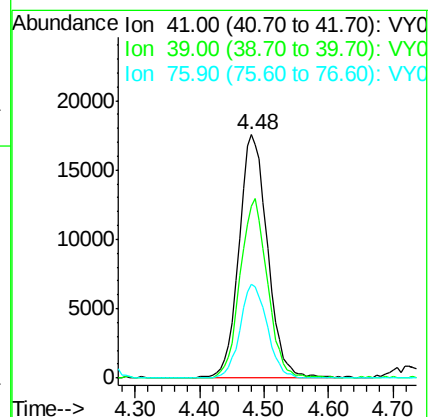
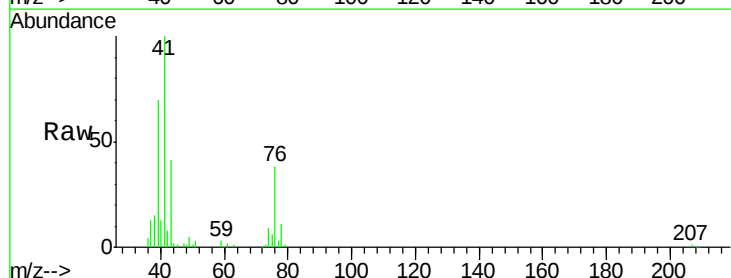
Tgt Ion: 41 Resp: 54010

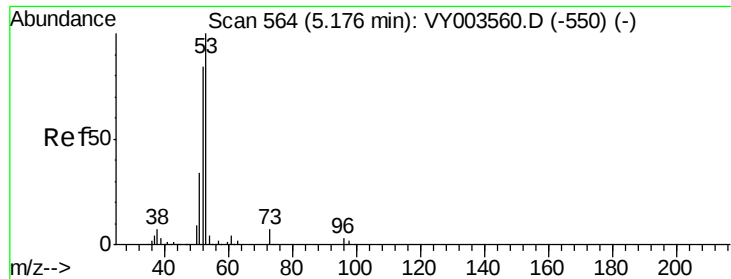
Ion Ratio Lower Upper

41 100

39 70.6 54.2 81.2

76 36.4 28.9 43.3





#15

Acrylonitrile

Concen: 101.863 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

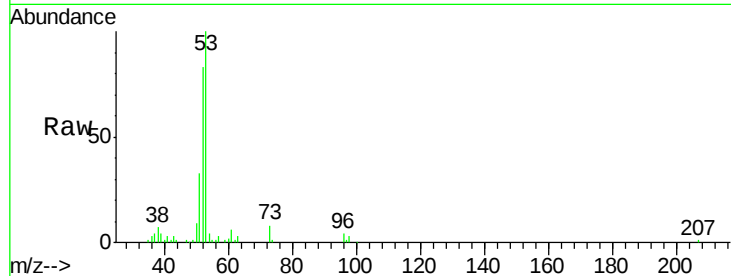
Tot Ion: 53 Resp: 45401

Ion Ratio Lower Upper

53 100

52 81.2 66.4 99.6

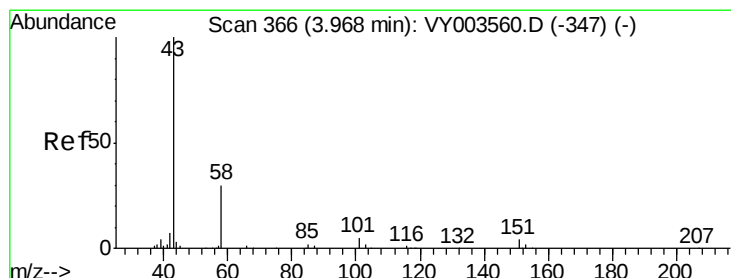
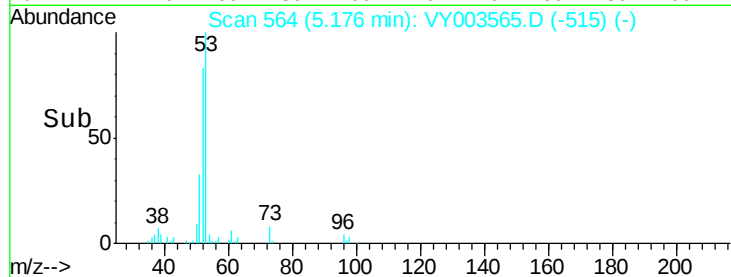
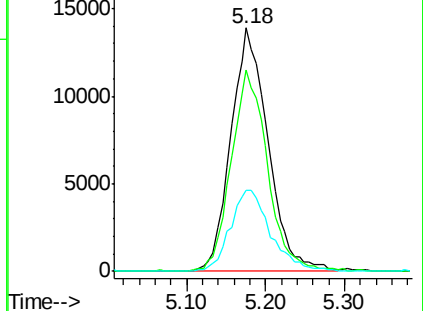
51 36.4 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY003565.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY003565.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY003565.D (-515) (-)



#16

Acetone

Concen: 87.505 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY003565.D

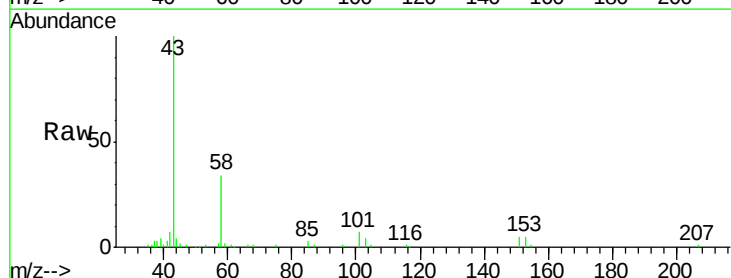
Acq: 20 Nov 2020 14:20

Tgt Ion: 43 Resp: 50050

Ion Ratio Lower Upper

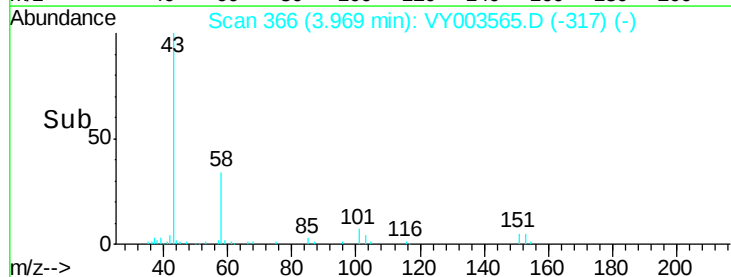
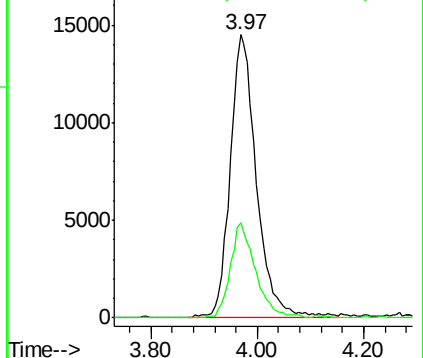
43 100

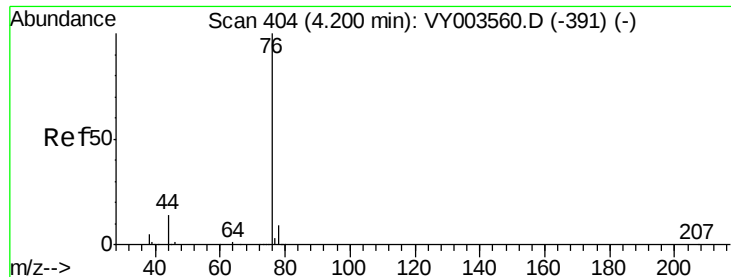
58 33.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY003565.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY003565.D (-317) (-)





#17

Carbon Disulfide

Concen: 19.858 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

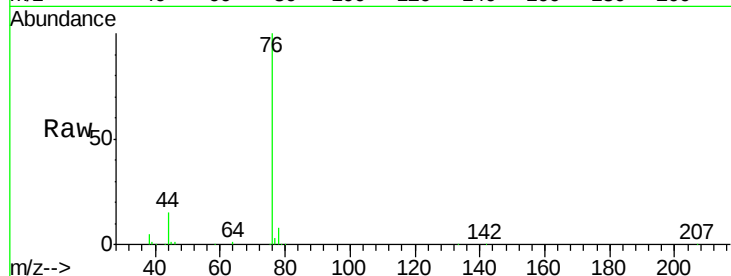
ClientSampleId :

Tot Ion: 76 Resp: 92859

Ion Ratio Lower Upper

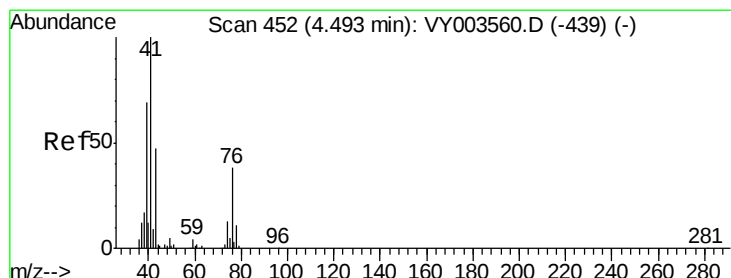
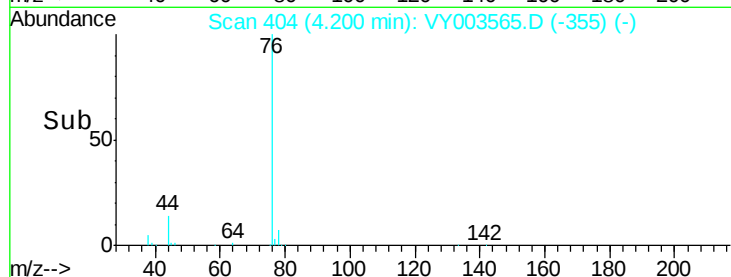
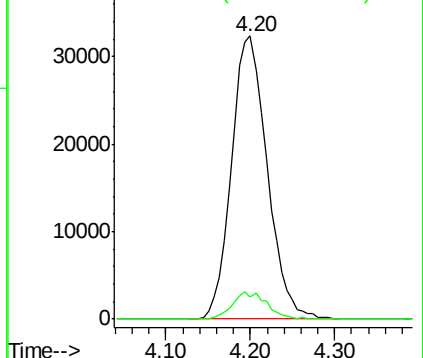
76 100

78 8.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.639 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003565.D

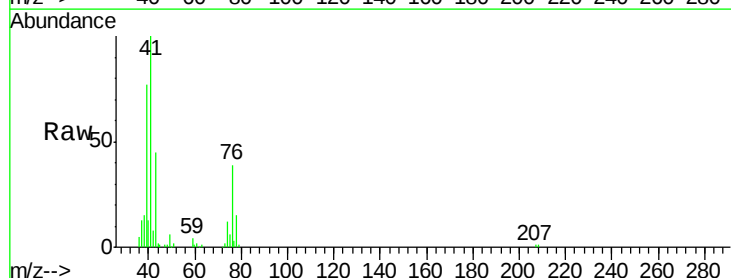
Acq: 20 Nov 2020 14:20

Tgt Ion: 43 Resp: 24436

Ion Ratio Lower Upper

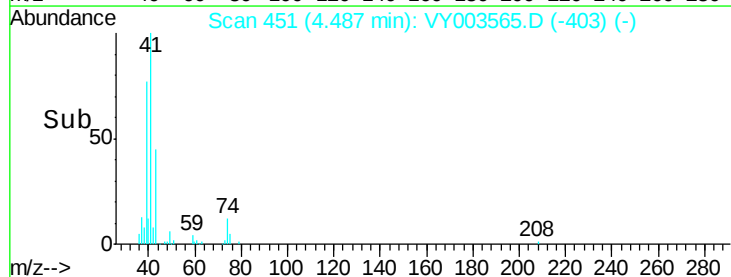
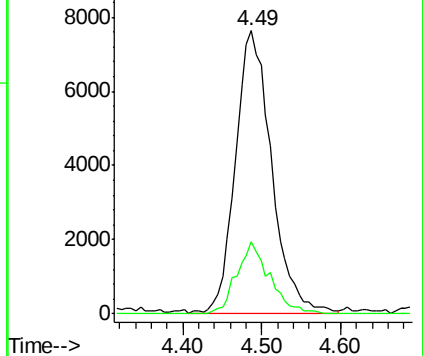
43 100

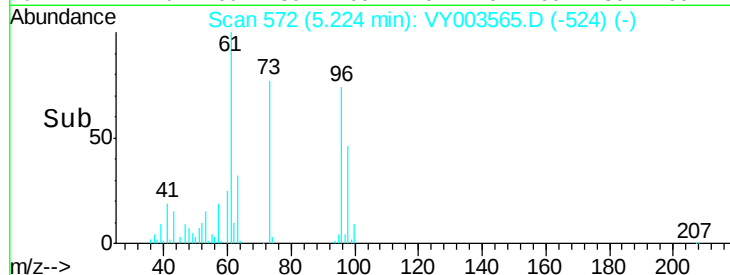
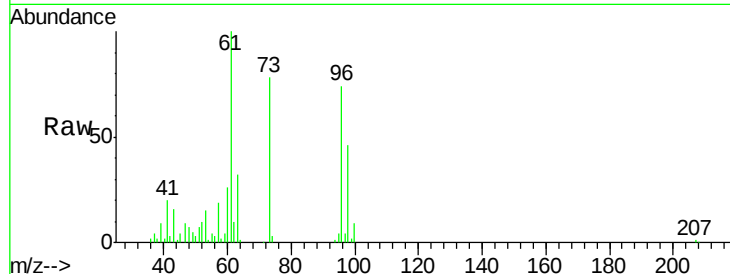
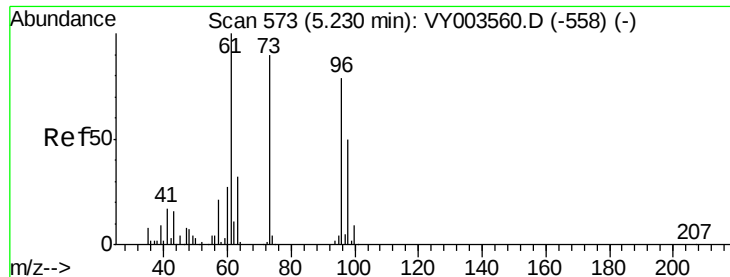
74 23.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

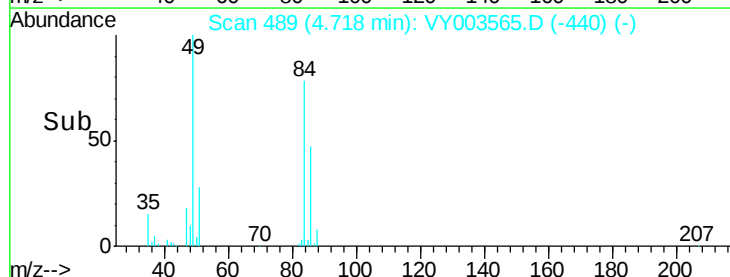
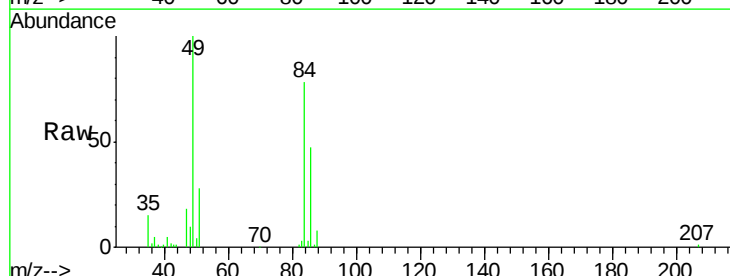
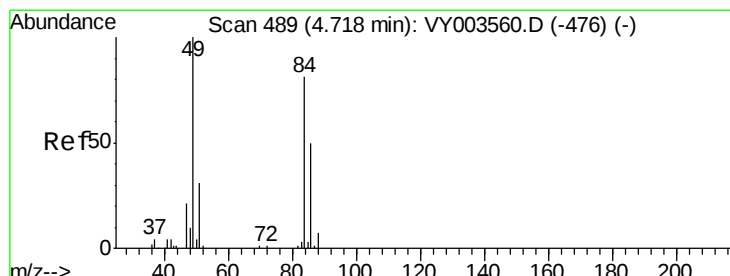
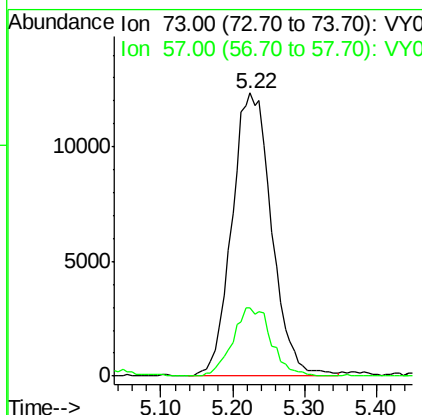
Ion 74.00 (73.70 to 74.70): VY0





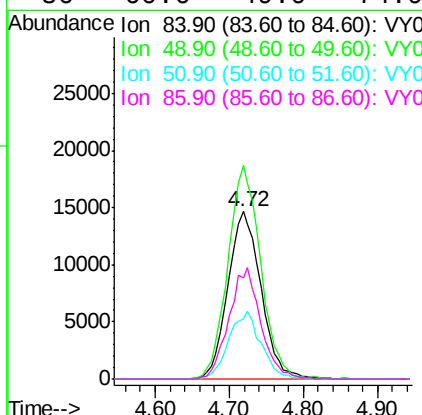
#19
Methvl tert-butvl Ether
Concen: 19.607 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

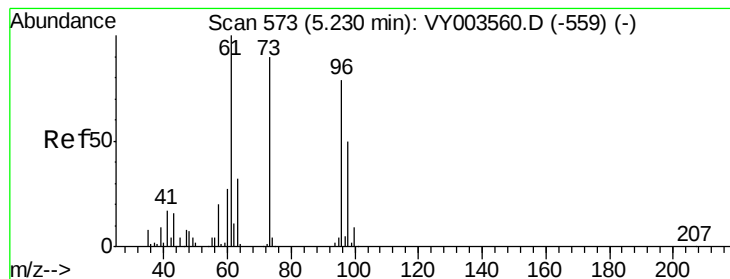
Tot Ion: 73 Resp: 47275
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.2



#20
Methylene Chloride
Concen: 22.018 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 84 Resp: 45591
Ion Ratio Lower Upper
84 100
49 127.7 99.0 148.6
51 35.7 30.5 45.7
86 60.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.719 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

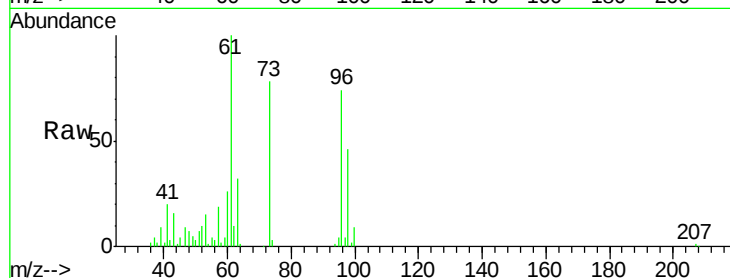
Tot Ion: 96 Resp: 35814

Ion Ratio Lower Upper

96 100

61 135.8 101.0 151.4

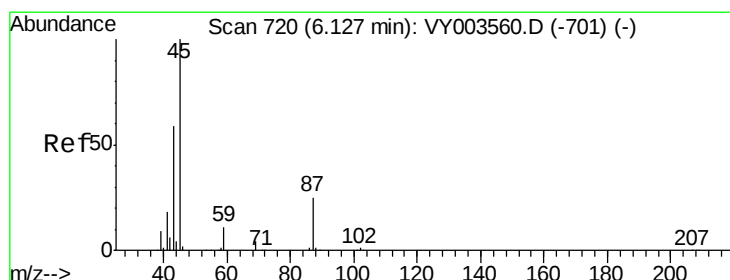
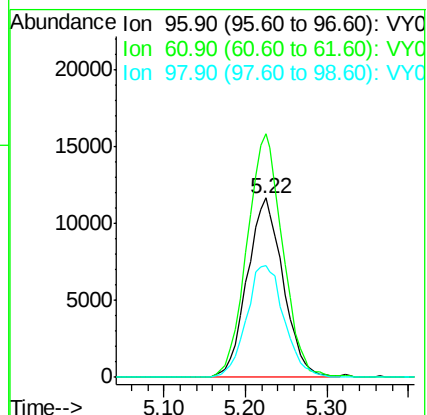
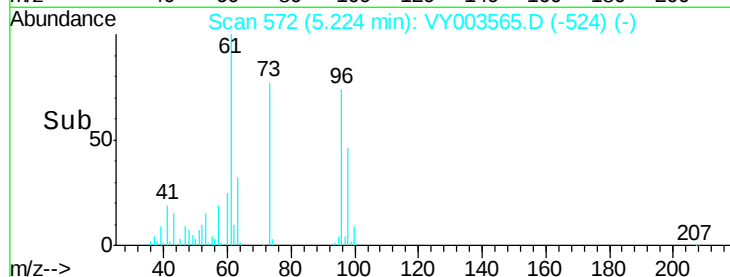
98 62.6 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.385 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion: 45 Resp: 95151

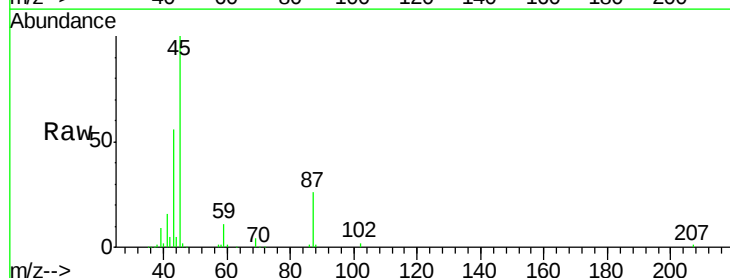
Ion Ratio Lower Upper

45 100

43 55.1 48.1 72.1

87 25.8 20.3 30.5

59 11.0 9.1 13.7

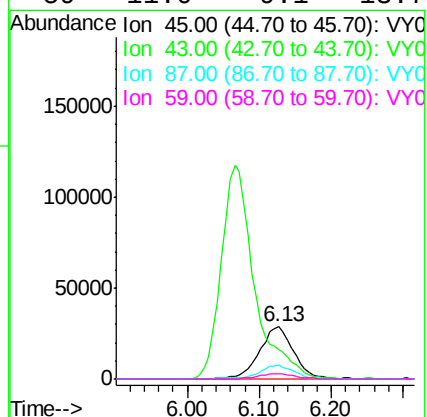
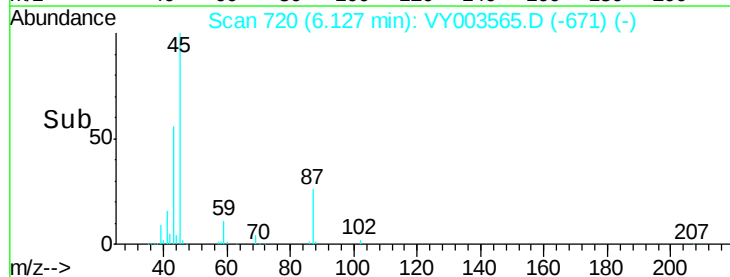


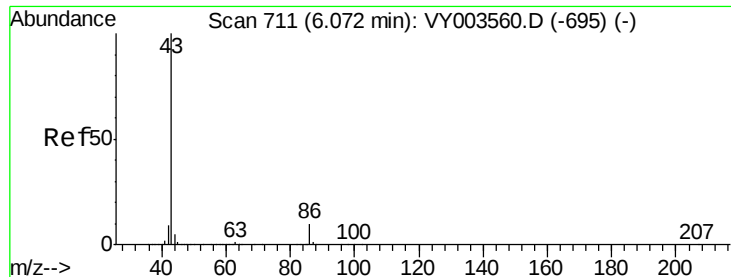
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 104.071 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

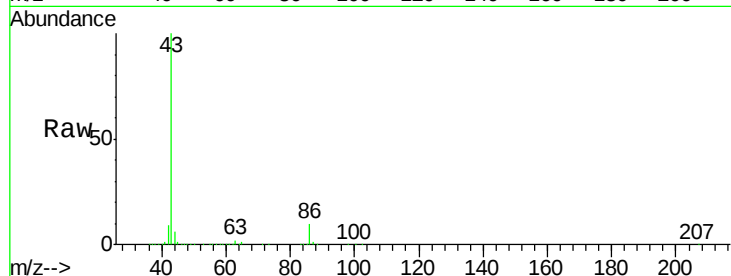
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 377579

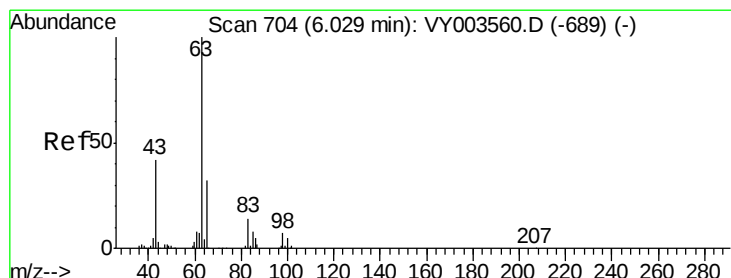
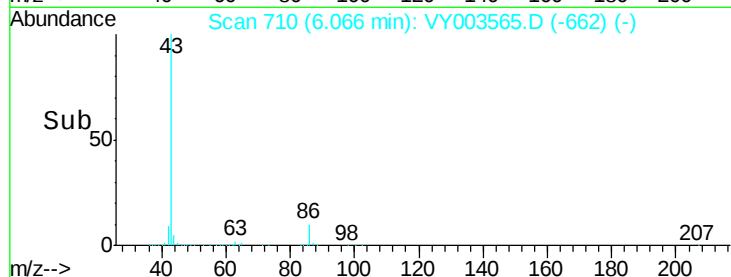
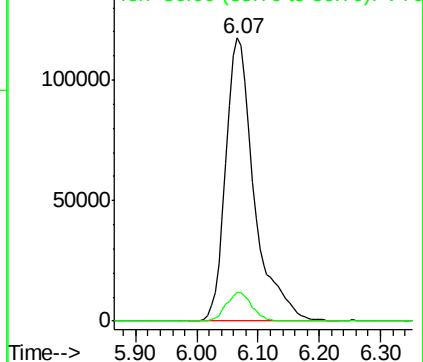
Ion Ratio Lower Upper

43 100

86 10.3 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: 20.491 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

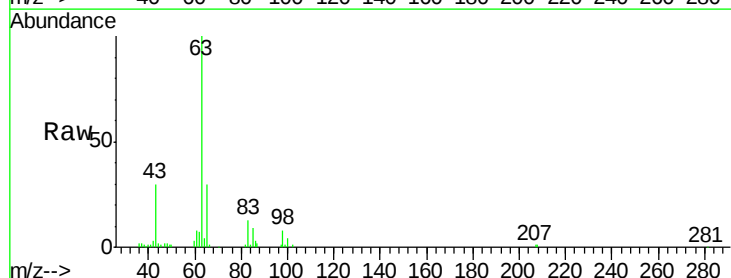
Tgt Ion: 63 Resp: 63660

Ion Ratio Lower Upper

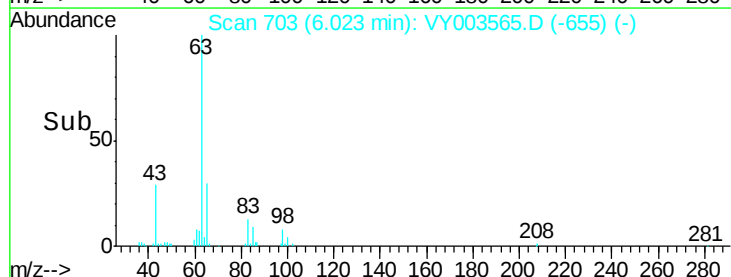
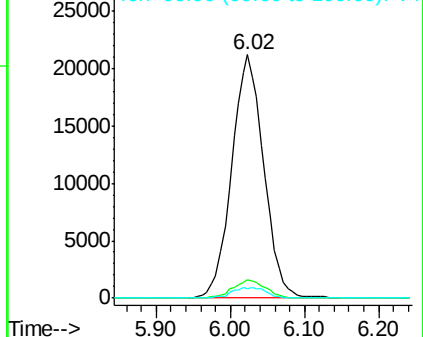
63 100

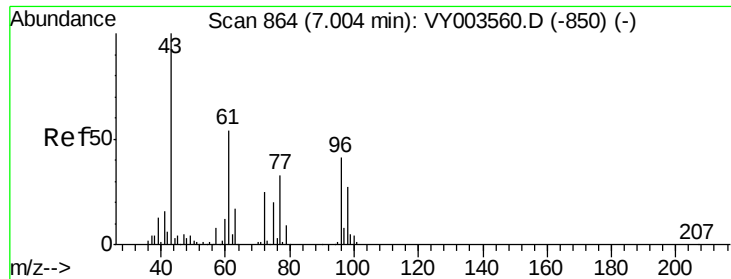
98 7.6 3.4 10.2

100 4.0 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

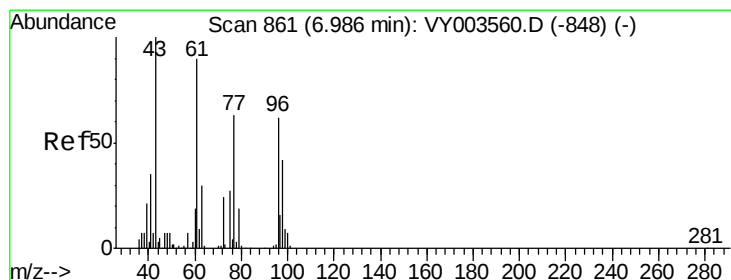
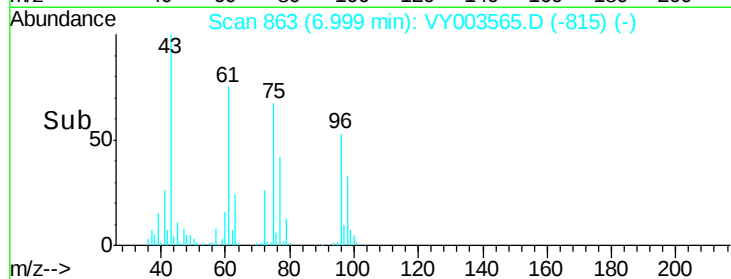
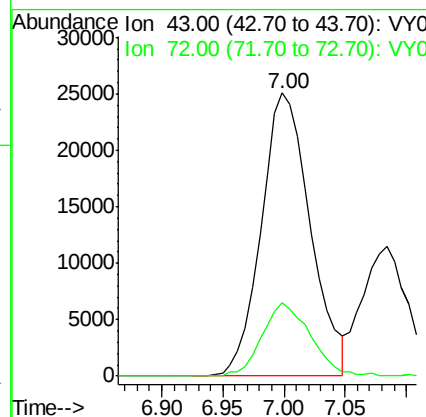
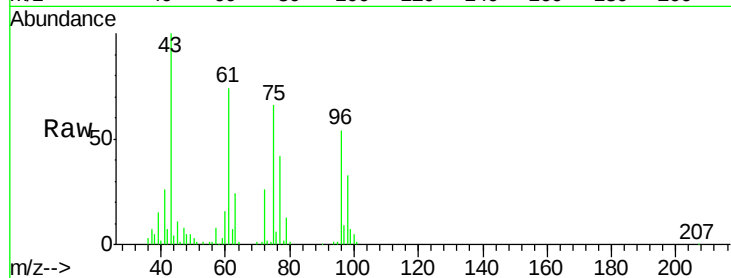




#25
2-Butanone
Concen: 94.400 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

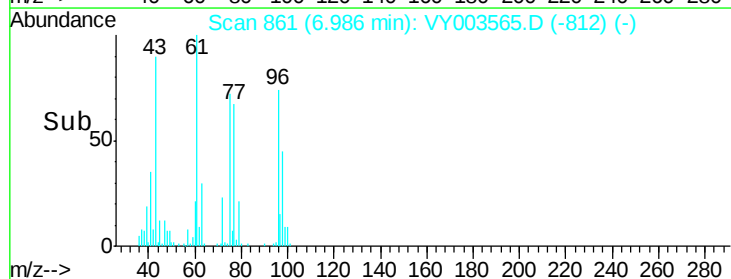
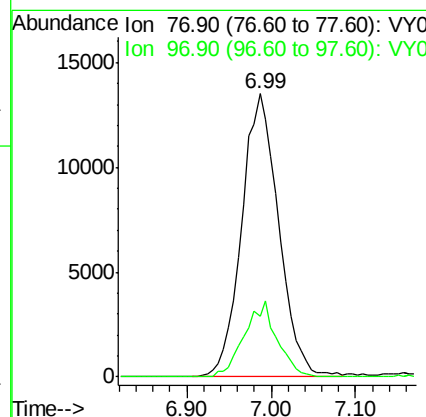
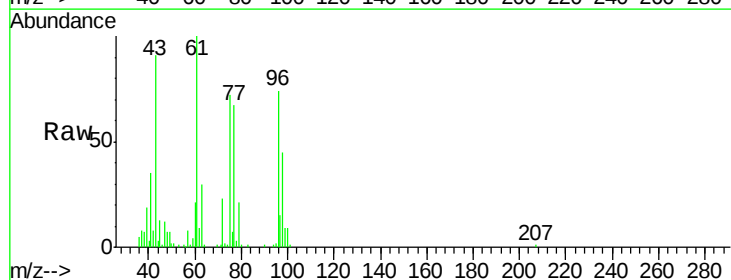
Instrument :
MSVOA_Y
ClientSampled :

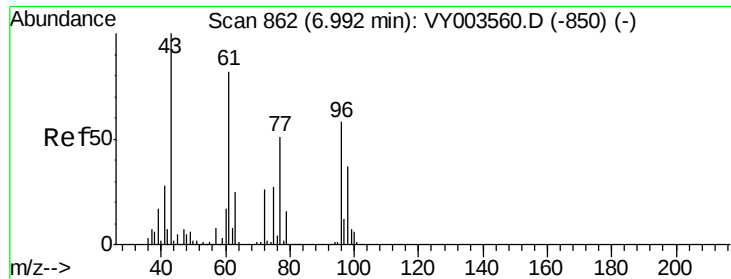
Tot Ion: 43 Resp: 70062
Ion Ratio Lower Upper
43 100
72 26.0 19.8 29.8



#26
2,2-Dichloropropane
Concen: 19.824 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 77 Resp: 40274
Ion Ratio Lower Upper
77 100
97 23.6 12.2 36.6



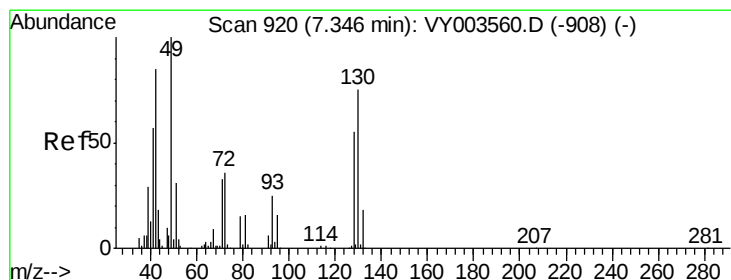
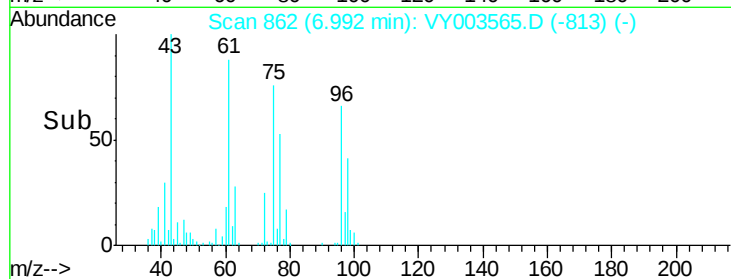
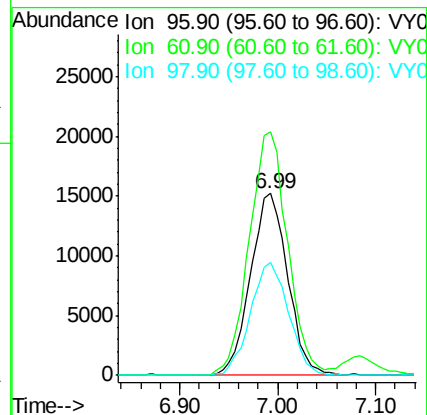
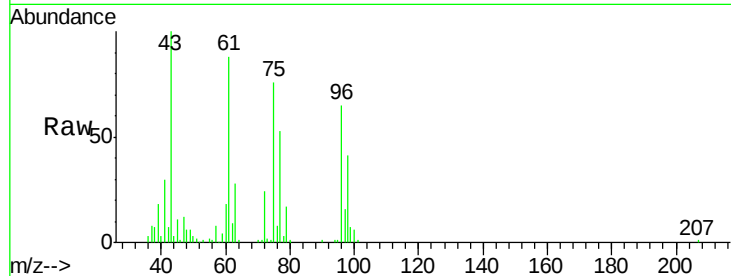


#27

cis-1,2-Dichloroethene
Concen: 20.441 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampled :

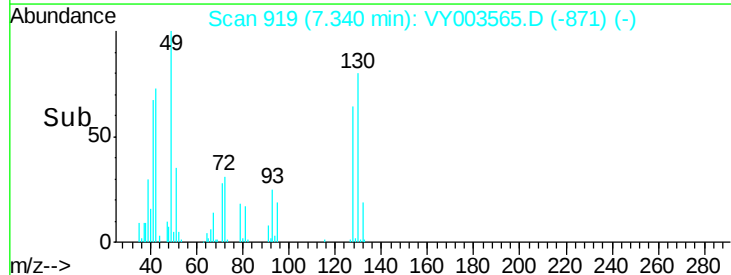
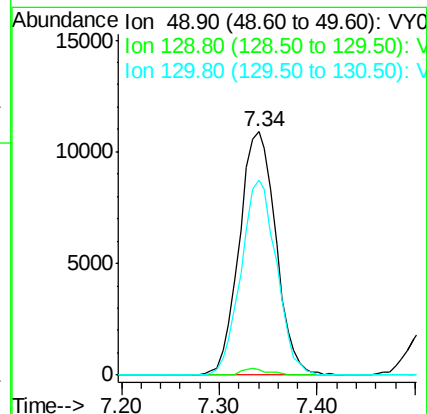
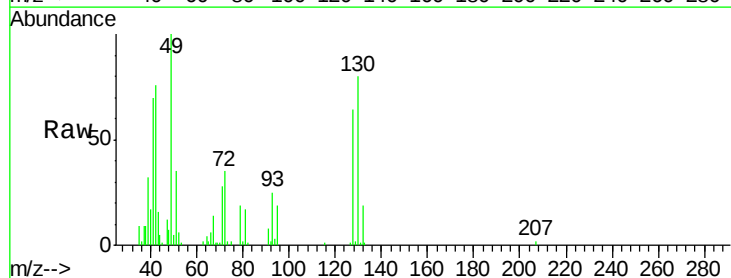
Tot Ion: 96 Resp: 40250
Ion Ratio Lower Upper
96 100
61 137.3 0.0 274.6
98 63.5 0.0 130.6

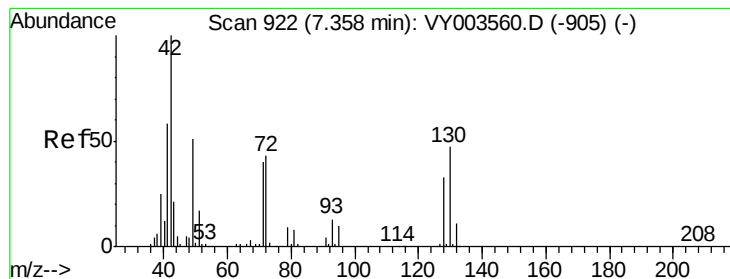


#28

Bromochloromethane
Concen: 18.628 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 49 Resp: 28329
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 77.7 61.0 91.6





#29

Tetrahydrofuran

Concen: 99.023 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :

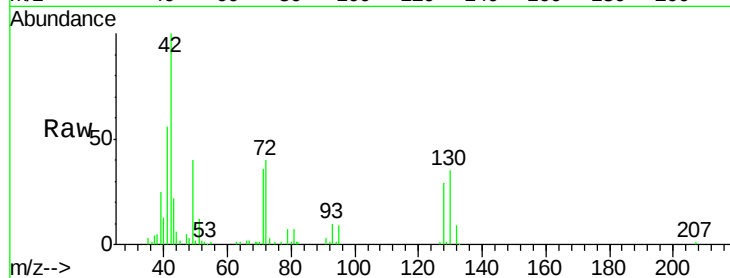
Tot Ion: 42 Resp: 38501

Ion Ratio Lower Upper

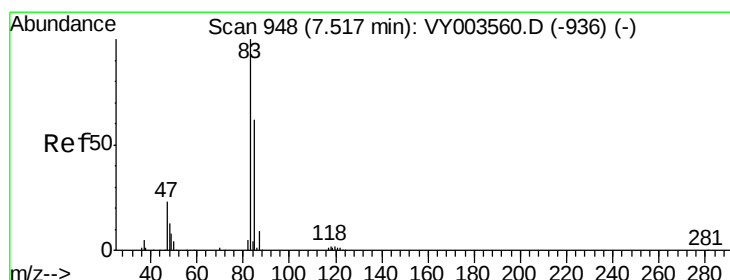
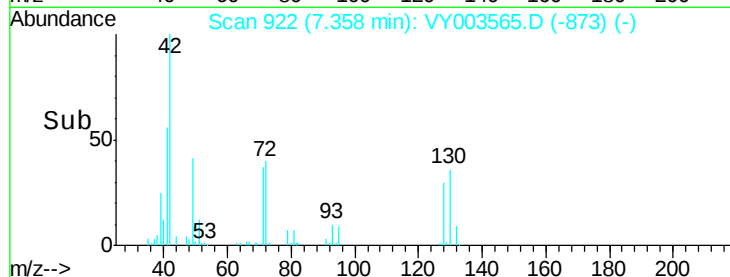
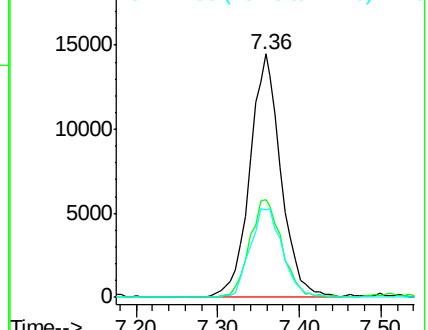
42 100

72 41.7 32.6 49.0

71 38.3 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: 20.394 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003565.D

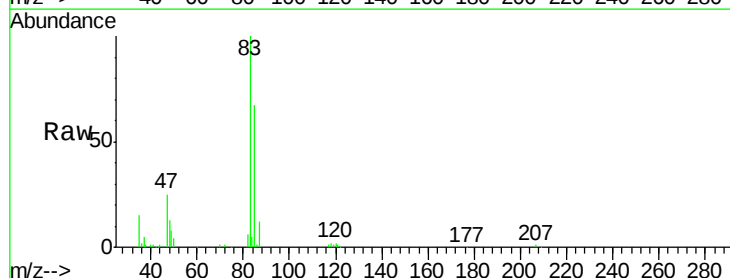
Acq: 20 Nov 2020 14:20

Tgt Ion: 83 Resp: 63228

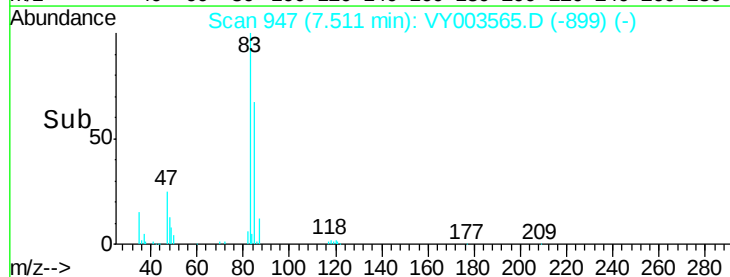
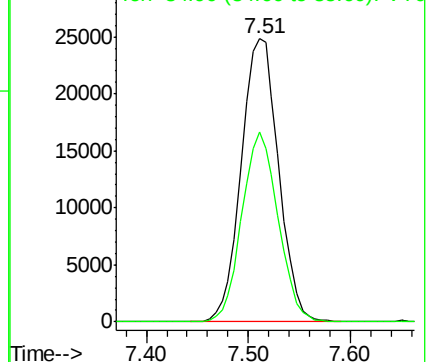
Ion Ratio Lower Upper

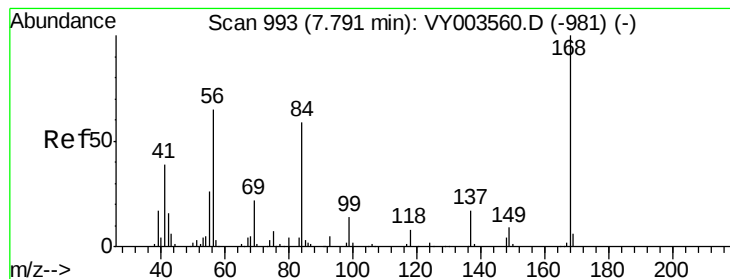
83 100

85 67.0 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: 19.772 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampled :

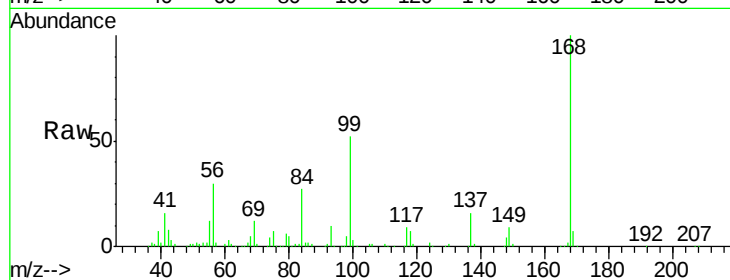
Tot Ion: 56 Resp: 48966

Ion Ratio Lower Upper

56 100

69 38.9 27.0 40.6

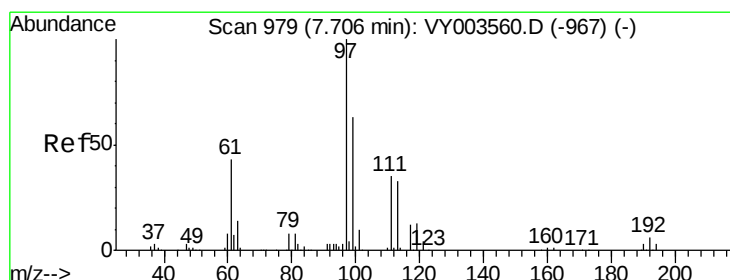
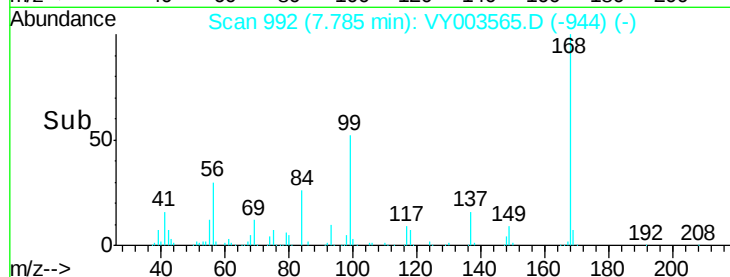
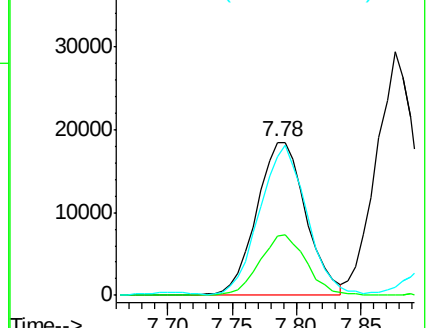
84 89.5 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VY003565.D (-944) (-)

Ion 69.00 (68.70 to 69.70): VY003565.D (-944) (-)

Ion 84.00 (83.70 to 84.70): VY003565.D (-944) (-)



#32

1,1,1-Trichloroethane

Concen: 19.919 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

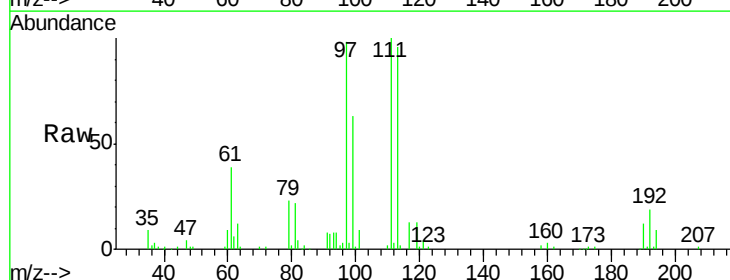
Tgt Ion: 97 Resp: 47720

Ion Ratio Lower Upper

97 100

99 65.1 50.2 75.2

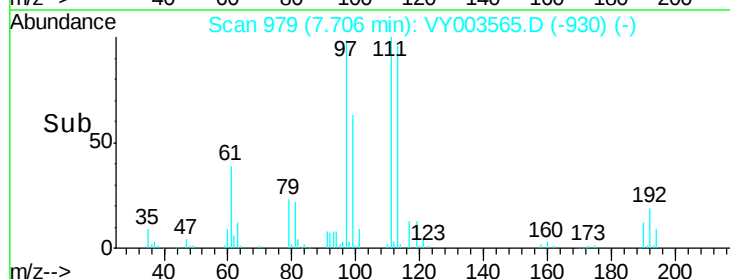
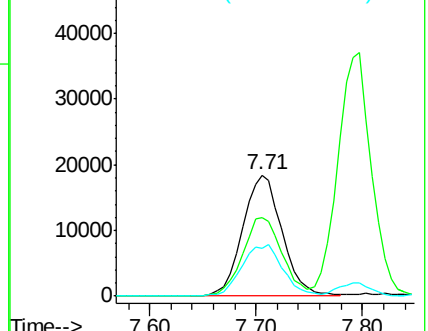
61 44.3 34.1 51.1

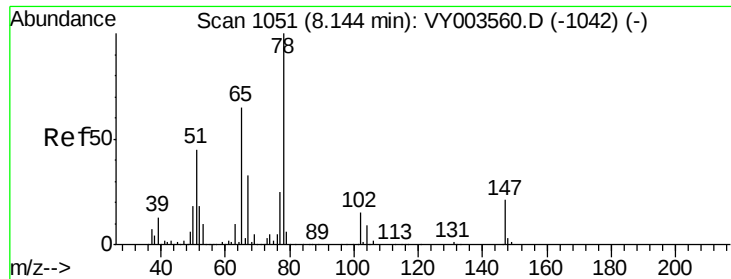


Abundance Ion 96.90 (96.60 to 97.60): VY003565.D (-930) (-)

Ion 98.90 (98.60 to 99.60): VY003565.D (-930) (-)

Ion 60.90 (60.60 to 61.60): VY003565.D (-930) (-)





#33

1,2-Dichloroethane-d4

Concen: 46.941 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

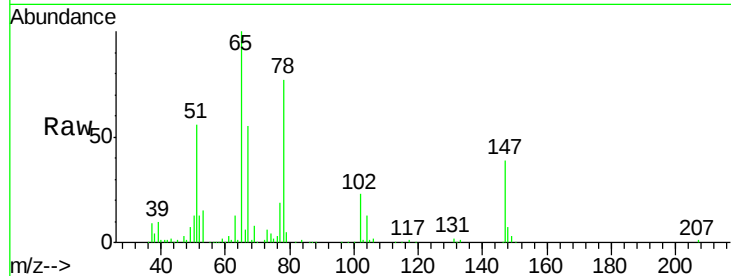
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 65 Resp: 80411

Ion Ratio Lower Upper

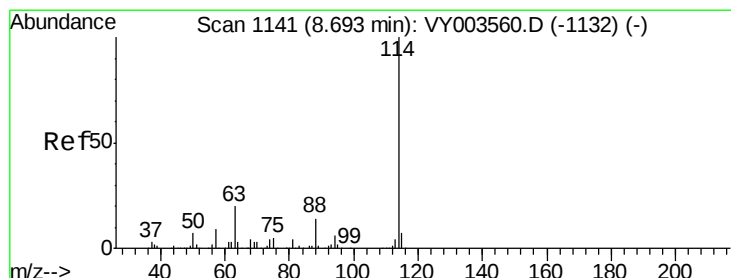
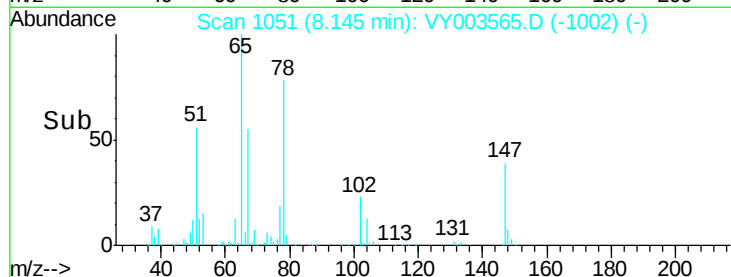
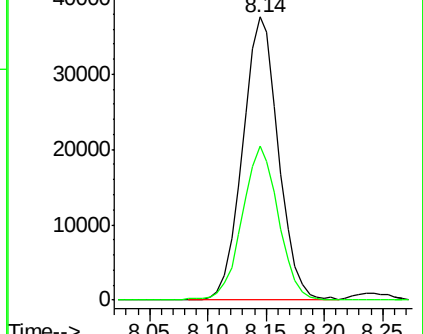
65 100

67 55.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

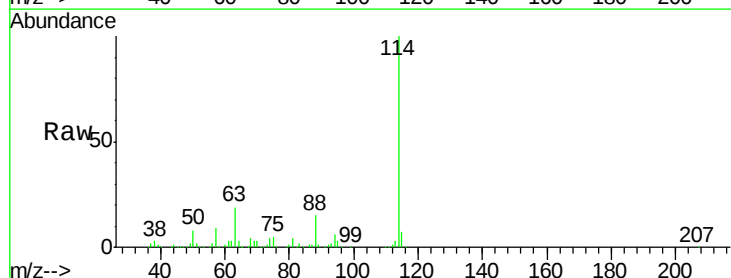
Tgt Ion: 114 Resp: 245691

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

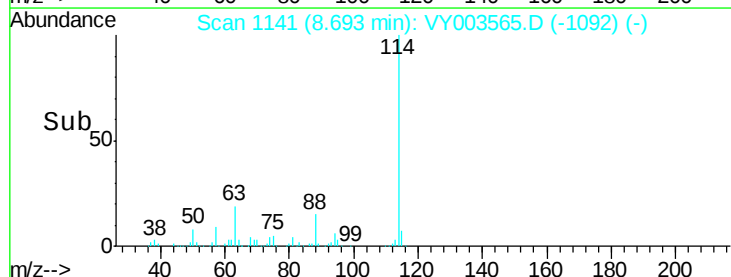
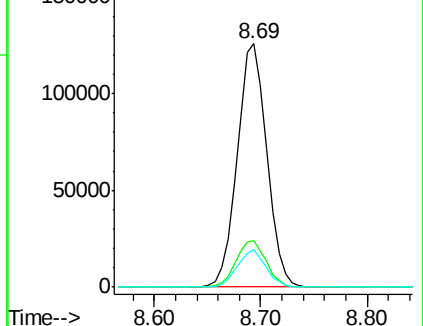
88 15.3 0.0 29.0

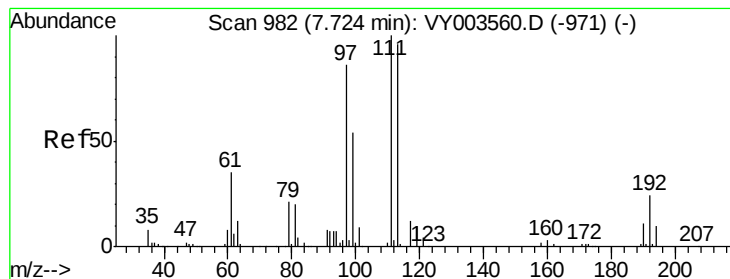


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 47.917 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :

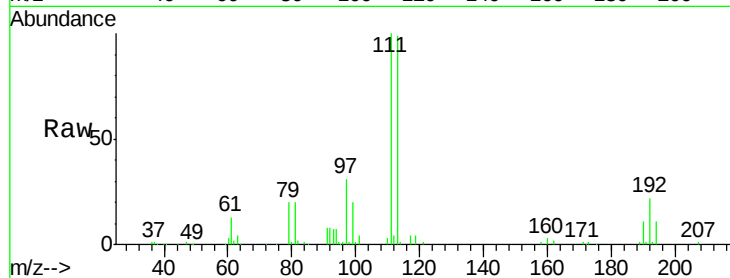
Tot Ion:113 Resp: 77386

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	22.1	18.1	27.1

113 100

111 101.5 81.4 122.0

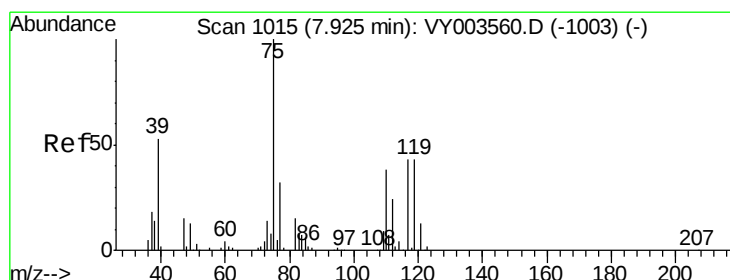
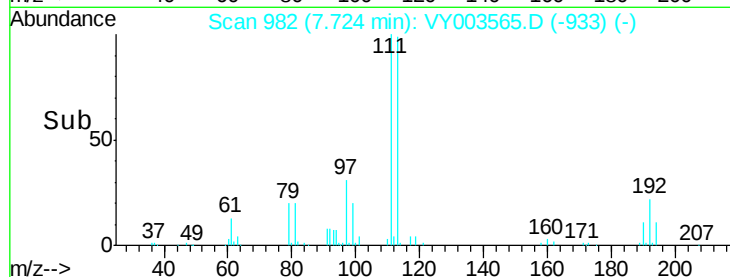
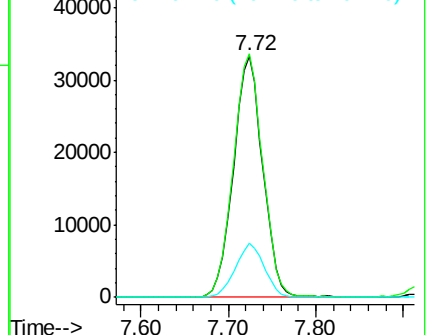
192 22.1 18.1 27.1



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: 20.792 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

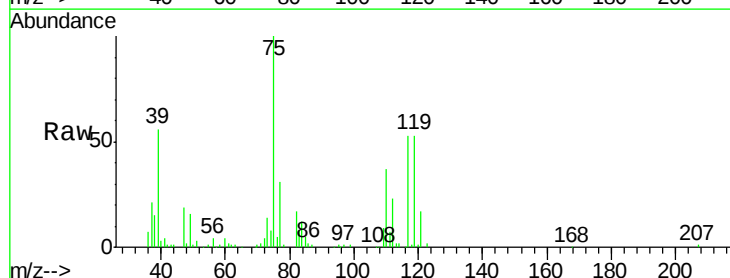
Tgt Ion: 75 Resp: 50292

Ion	Ratio	Lower	Upper
75	100		
110	35.1	18.7	56.1
77	30.9	25.4	38.2

75 100

110 35.1 18.7 56.1

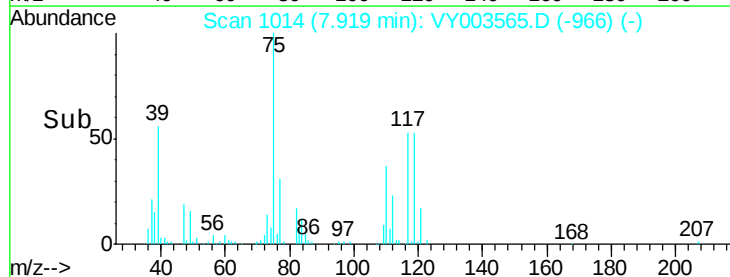
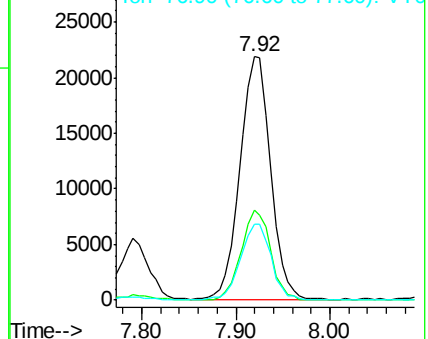
77 30.9 25.4 38.2

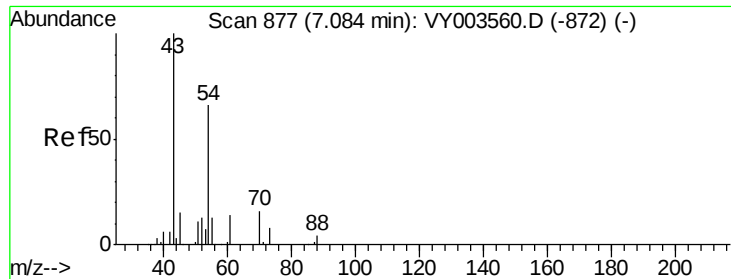


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

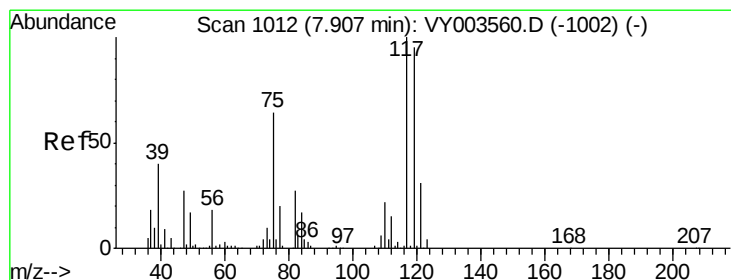
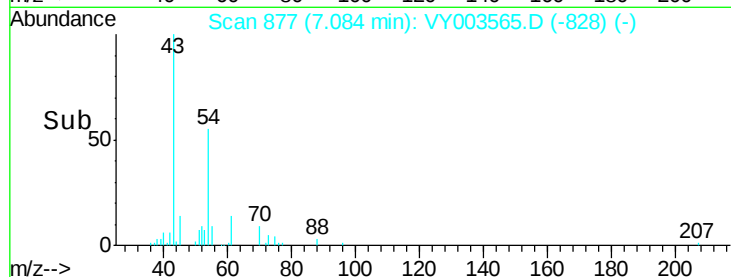
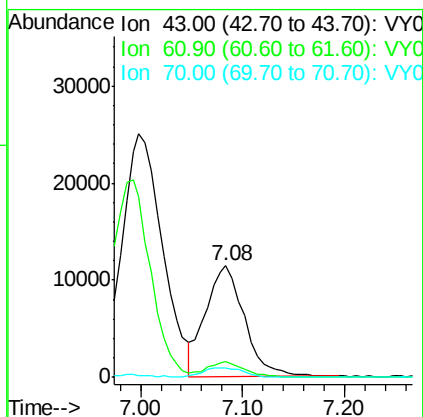
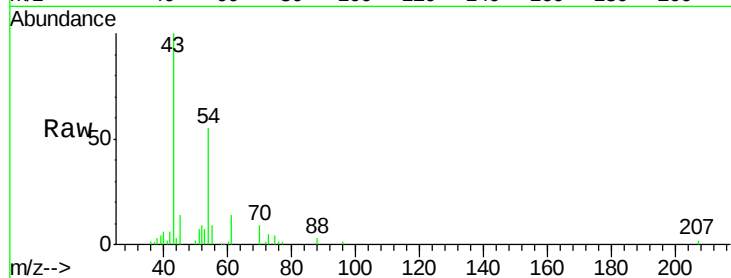




#37
Ethyl Acetate
Concen: 20.845 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

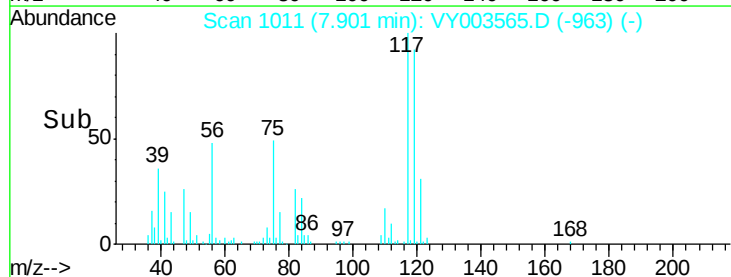
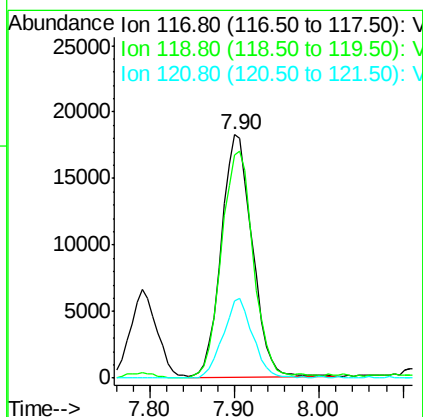
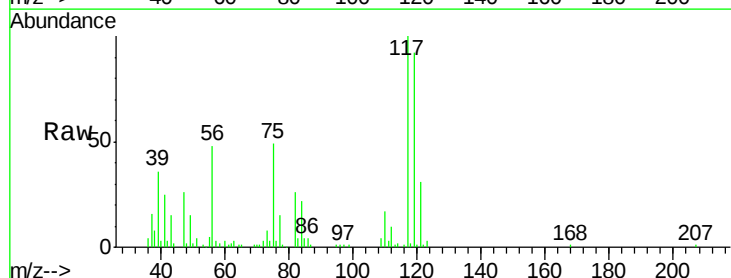
Instrument :
MSVOA_Y
ClientSampleId :

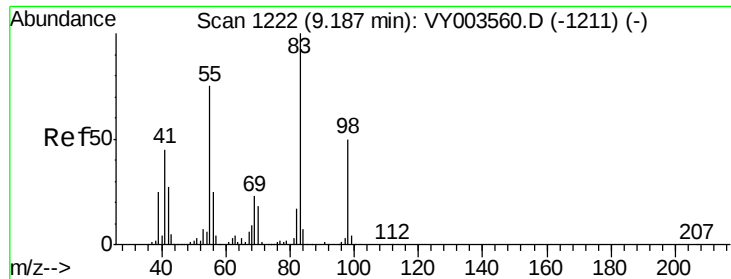
Tot Ion: 43 Resp: 30383
Ion Ratio Lower Upper
43 100
61 14.1 10.3 15.5
70 9.3 7.5 11.3



#38
Carbon Tetrachloride
Concen: 20.587 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 117 Resp: 46129
Ion Ratio Lower Upper
117 100
119 92.0 76.3 114.5
121 31.6 25.1 37.7

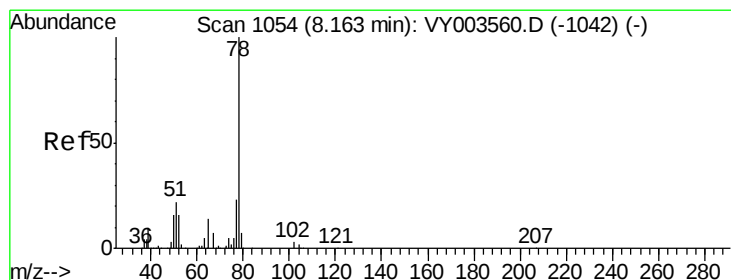
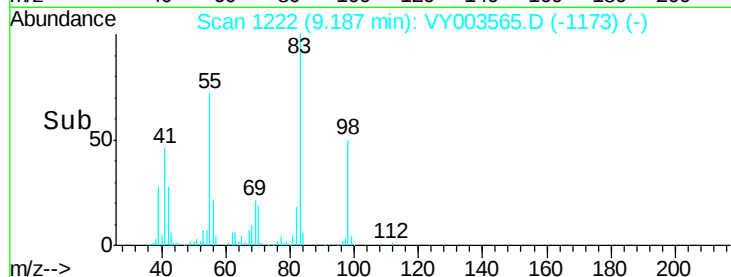
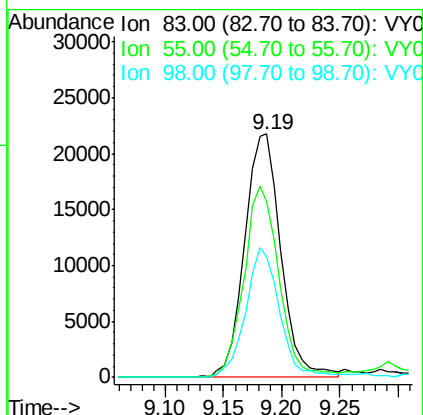
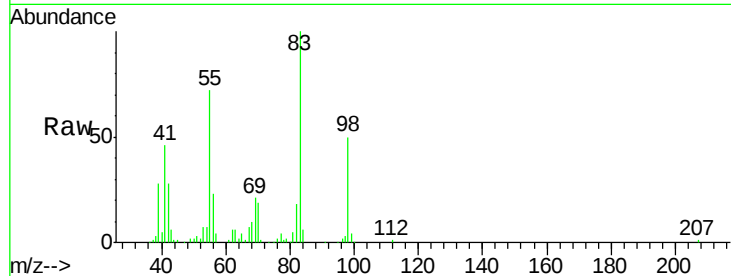




#39
Methvlcvclohexane
Concen: 19.306 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

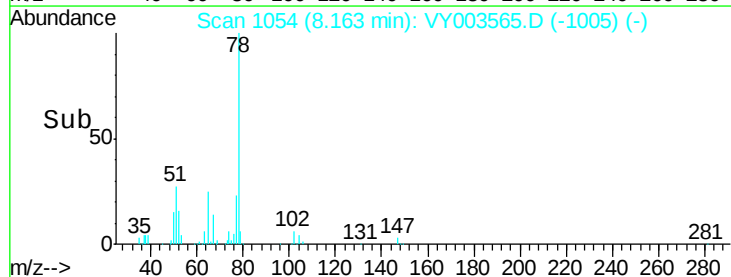
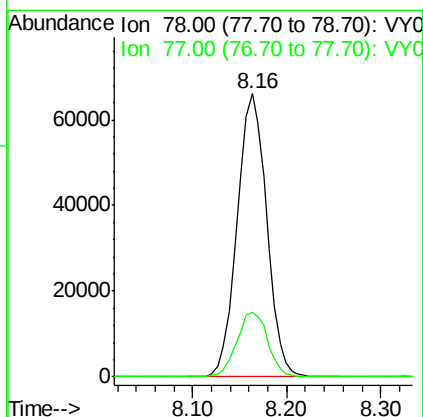
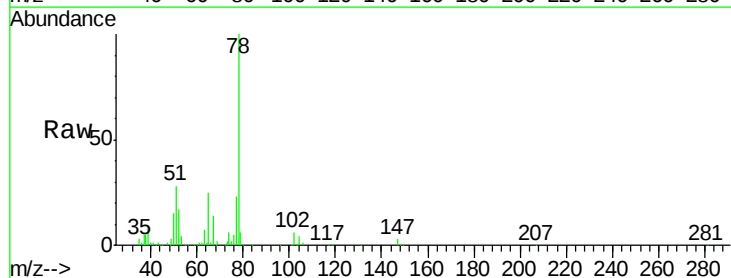
Instrument :
MSVOA_Y
ClientSampleId :

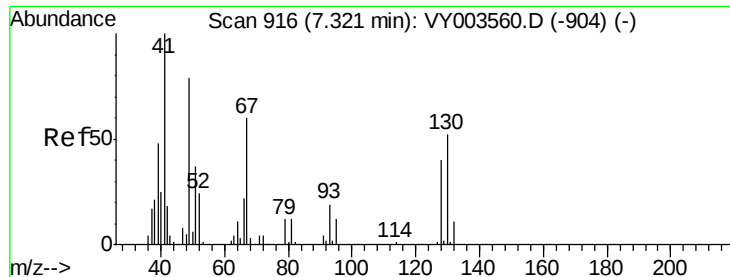
Tot Ion: 83 Resp: 47456
Ion Ratio Lower Upper
83 100
55 72.1 60.2 90.4
98 49.7 40.3 60.5



#40
Benzene
Concen: 20.208 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 78 Resp: 144895
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0

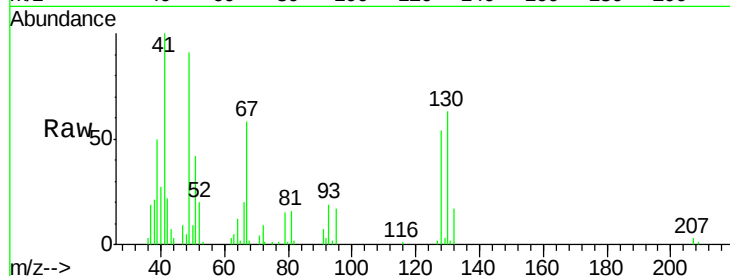




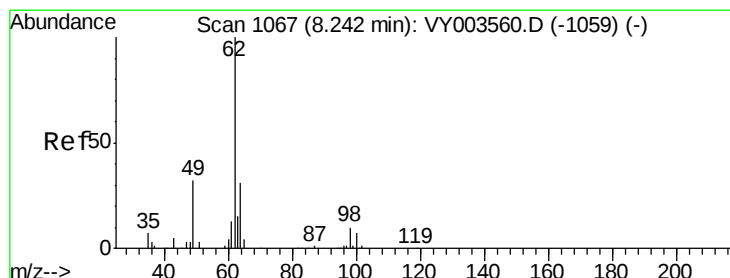
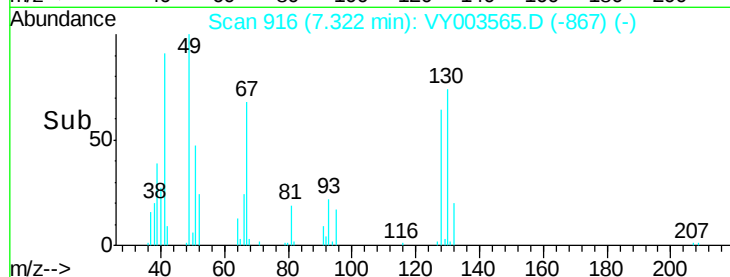
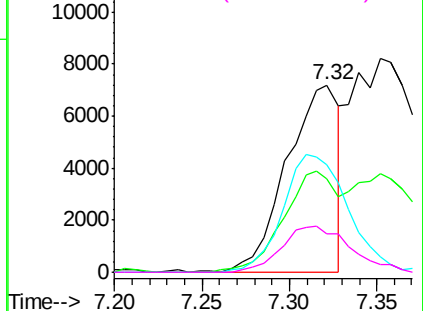
#41
Methacrylonitrile
Concen: 17.427 ug/l
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 15018
Ion Ratio Lower Upper
41 100
39 54.4 41.4 62.0
67 78.9 57.2 85.8
52 32.2 23.6 35.4

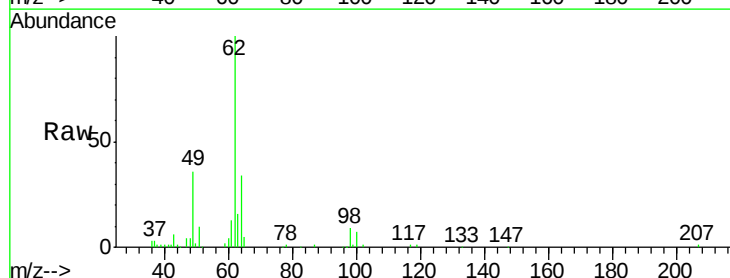


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

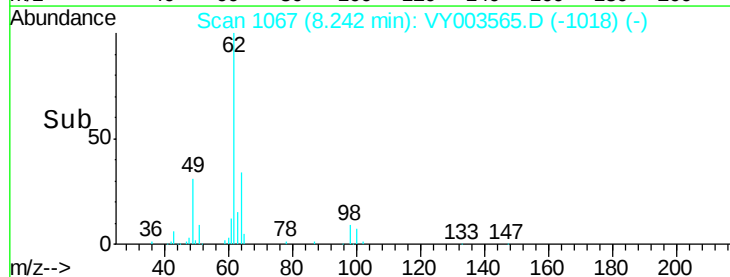
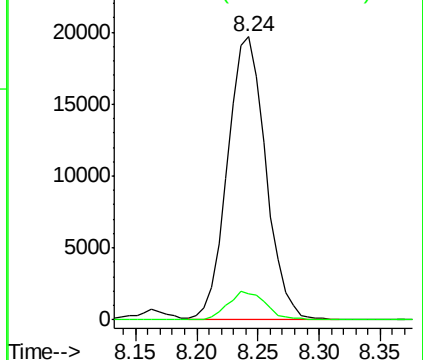


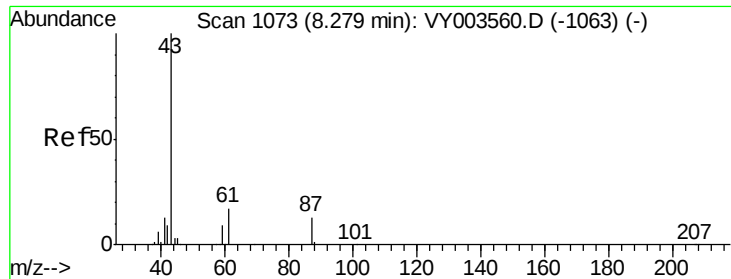
#42
1,2-Dichloroethane
Concen: 20.935 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 62 Resp: 42703
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4



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

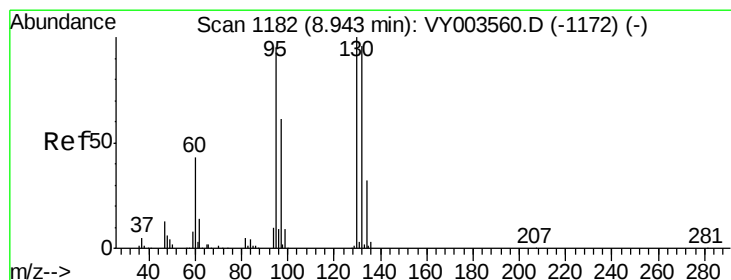
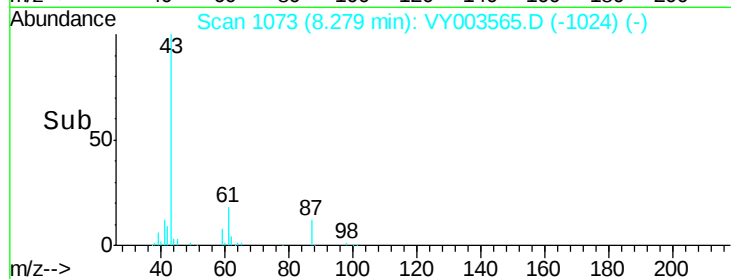
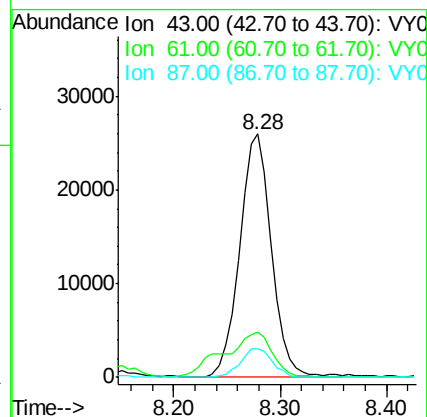
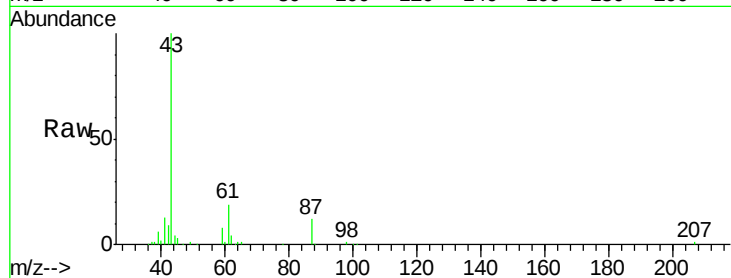




#43
Isopropyl Acetate
Concen: 20.362 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

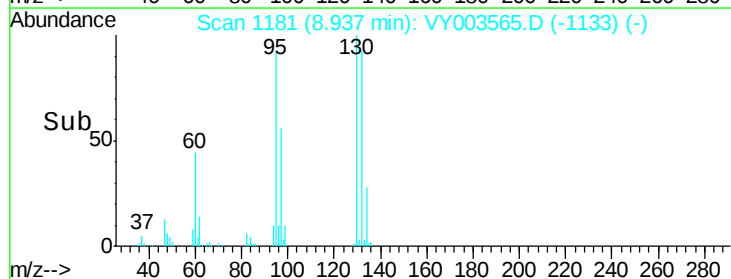
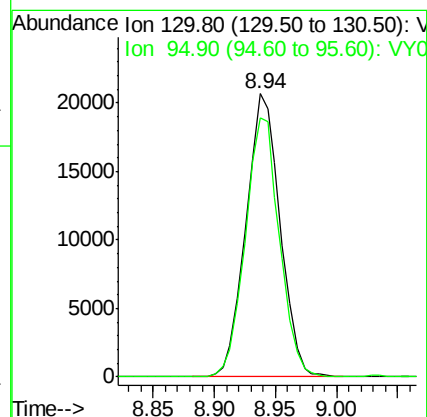
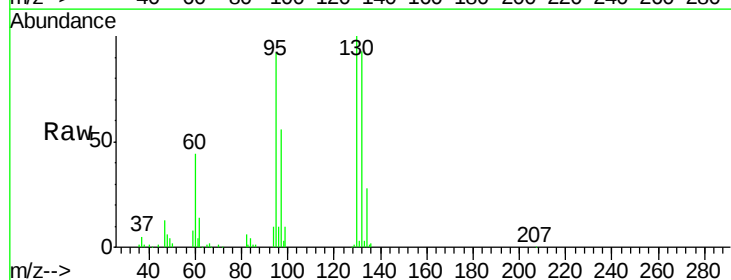
Instrument :
MSVOA_Y
ClientSampleId :

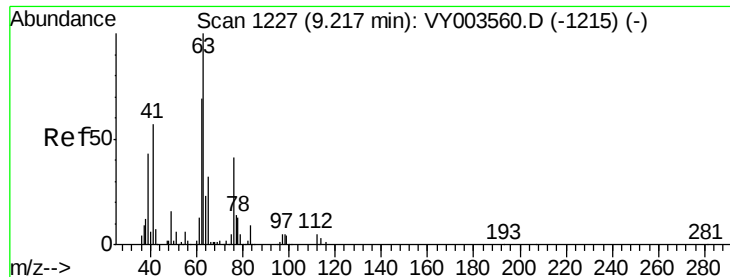
Tot Ion	43	Resp	54498
Ion Ratio	Lower	Upper	
43	100		
61	28.2	21.4	32.0
87	12.2	10.7	16.1



#44
Trichloroethene
Concen: 20.554 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	130	Resp	40158
Ion Ratio	Lower	Upper	
130	100		
95	91.7	0.0	189.2

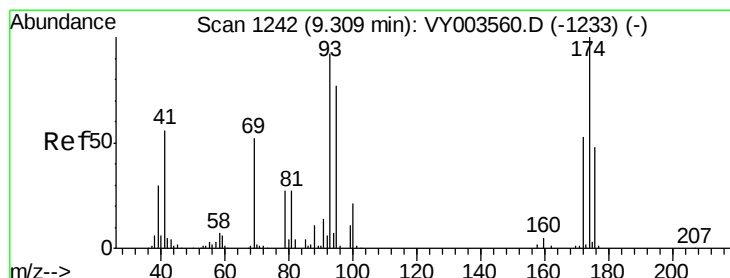
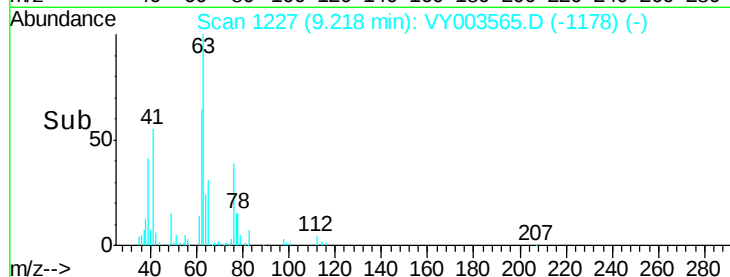
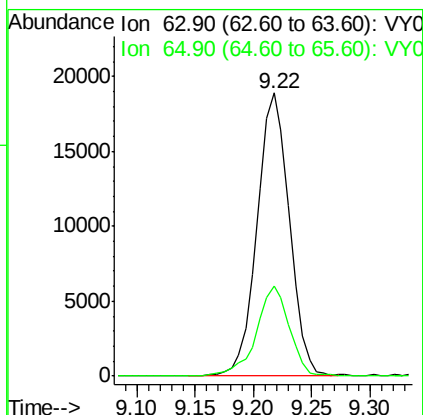
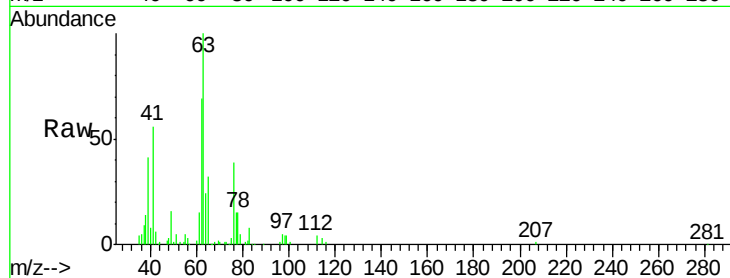




#45
 1,2-Dichloropropane
 Concen: 20.432 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

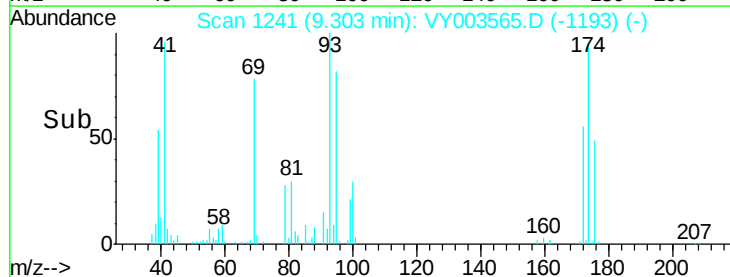
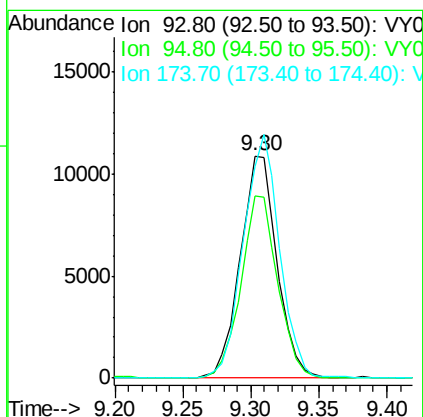
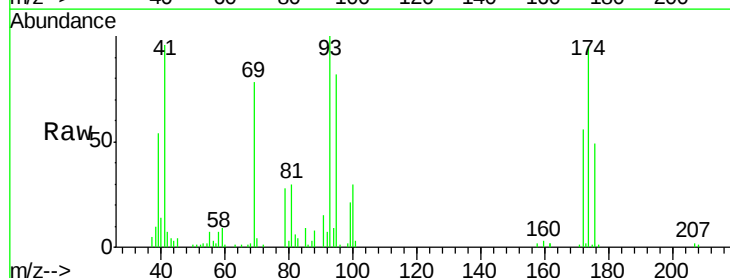
Instrument :
 MSVOA_Y
 ClientSampleId :

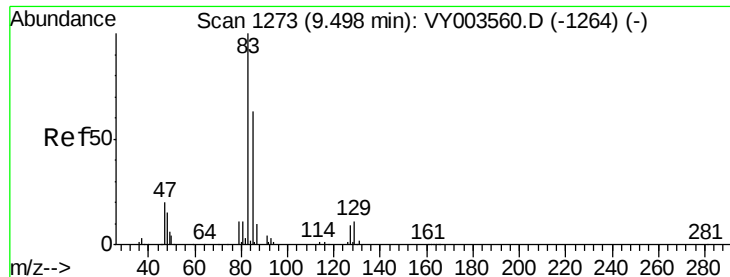
Tot Ion: 63 Resp: 36316
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.7 38.5



#46
 Dibromomethane
 Concen: 20.290 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion: 93 Resp: 20538
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.9 98.9
 174 109.1 86.8 130.2





#47

Bromodichloromethane

Concen: 20.084 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

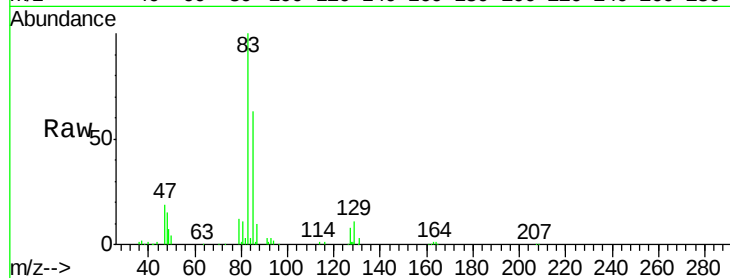
Tot Ion: 83 Resp: 48286

Ion Ratio Lower Upper

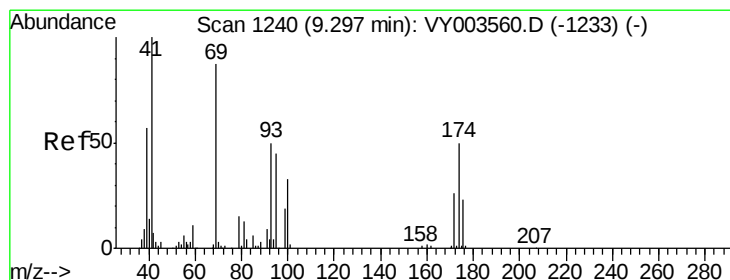
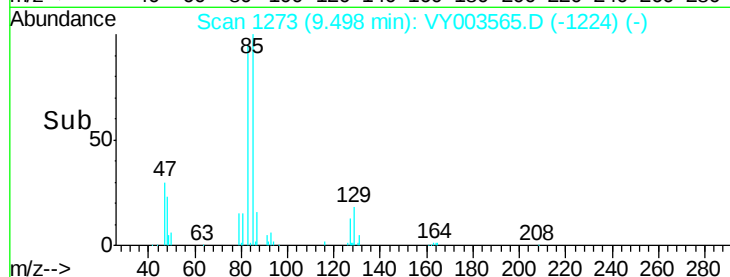
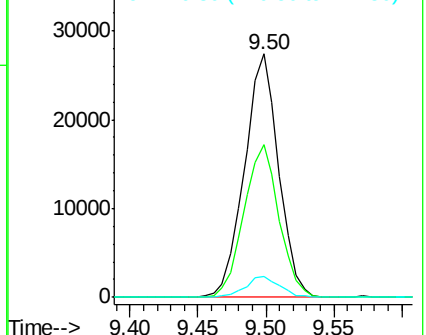
83 100

85 62.5 50.7 76.1

127 8.4 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): VY0



#48

Methyl methacrylate

Concen: 19.989 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

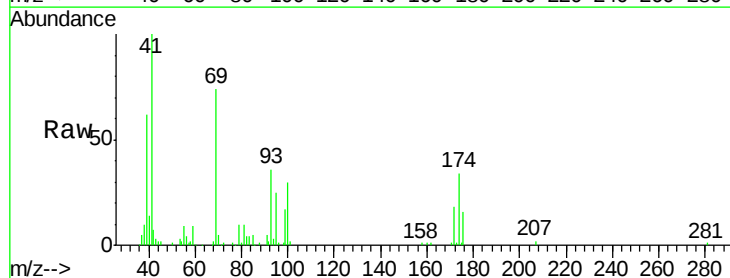
Tgt Ion: 41 Resp: 25609

Ion Ratio Lower Upper

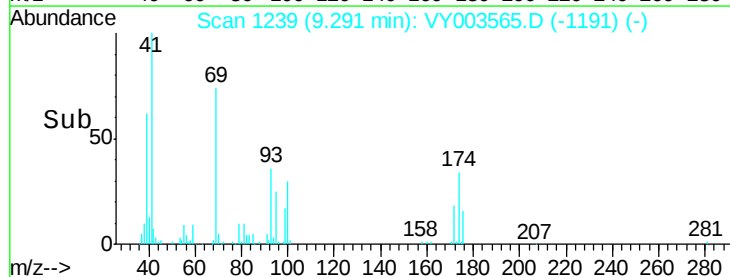
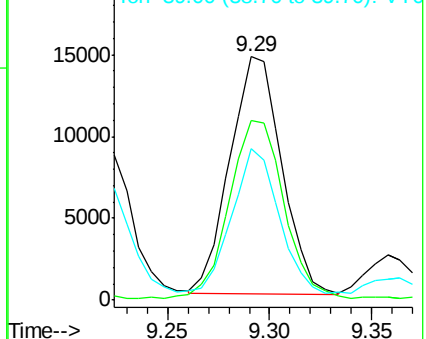
41 100

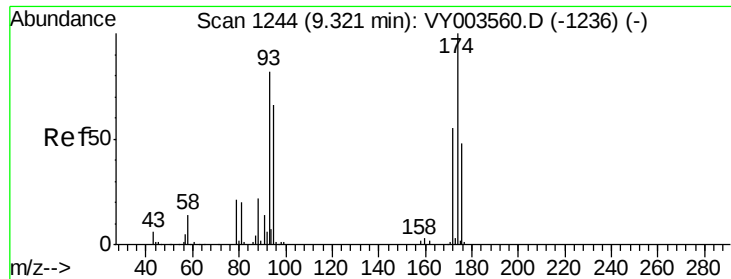
69 79.2 68.6 102.8

39 63.3 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

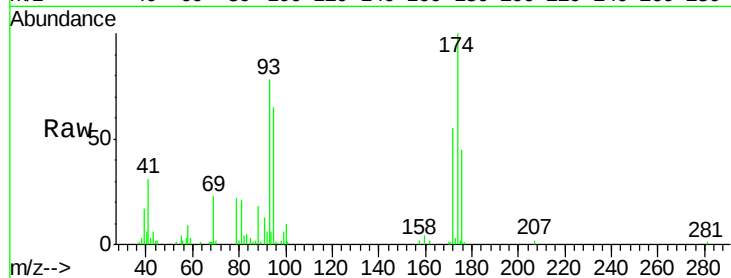




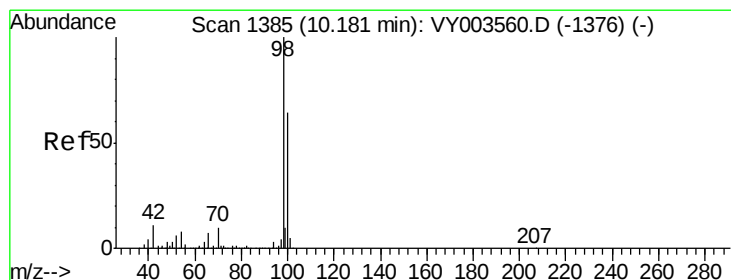
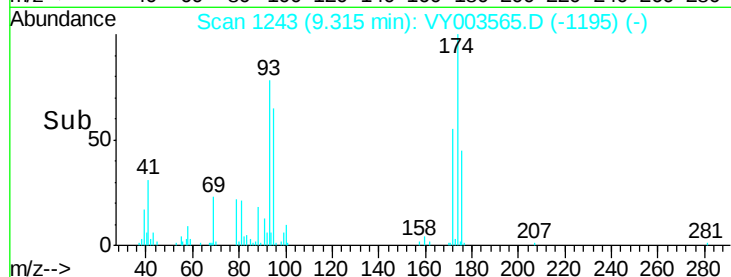
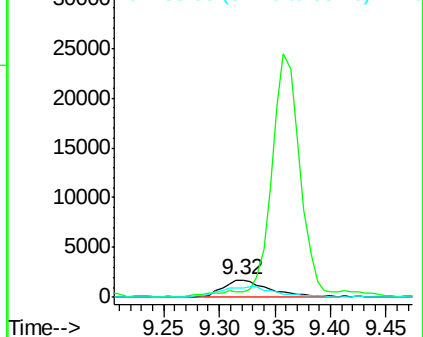
#49
1,4-Dioxane
Concen: 450.005 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 5219
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.5 50.9 76.3

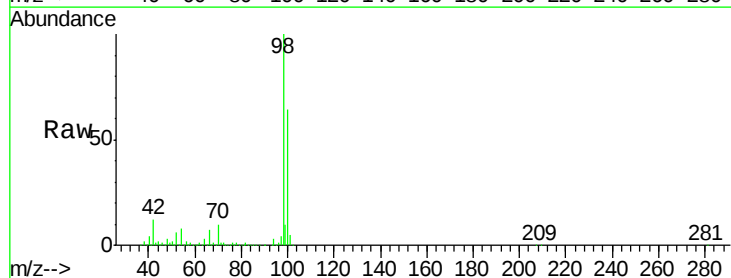


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

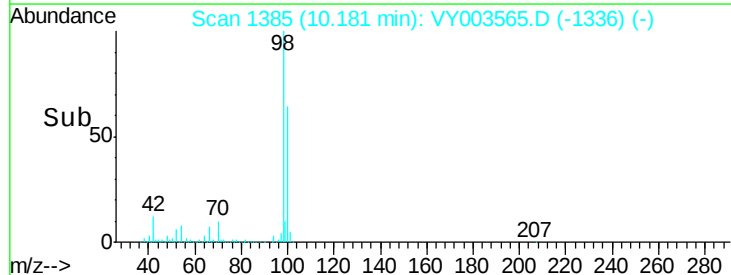
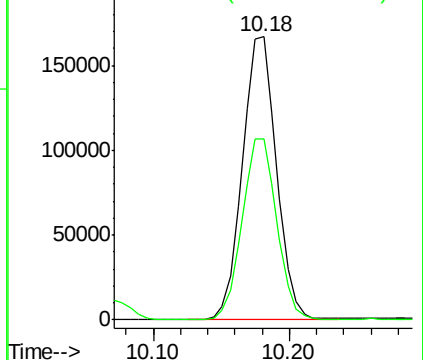


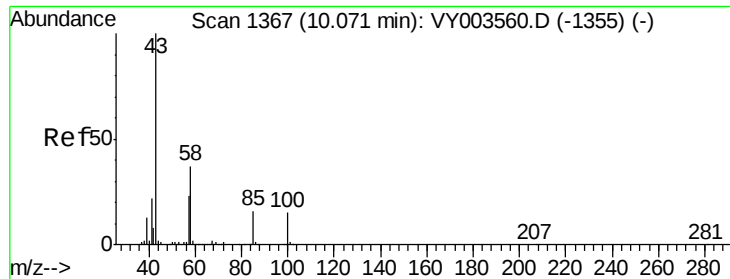
#50
Toluene-d8
Concen: 46.645 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 98 Resp: 292930
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.2



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

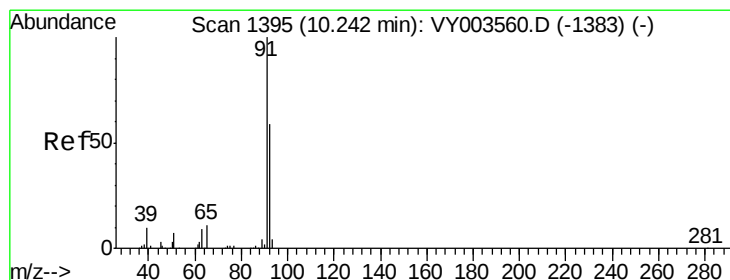
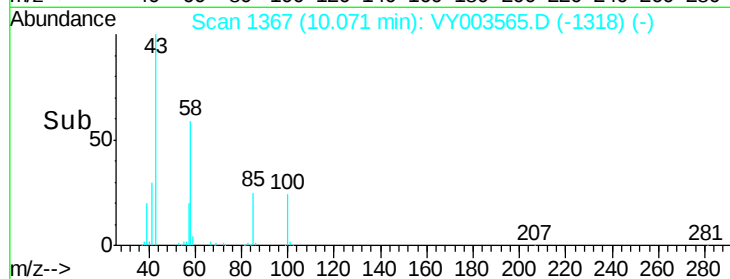
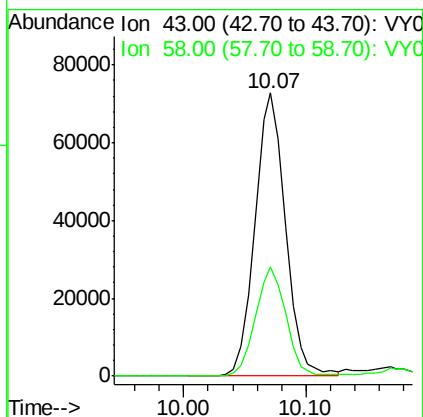
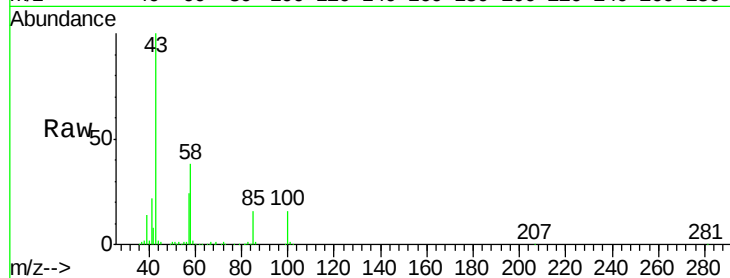




#51
4-Methyl-2-Pentanone
Concen: 98.890 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

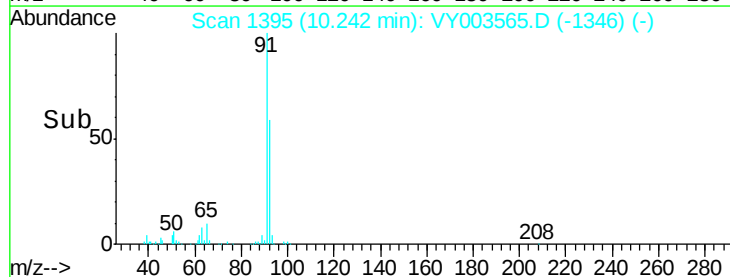
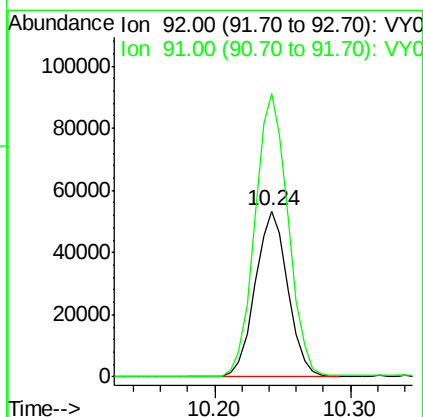
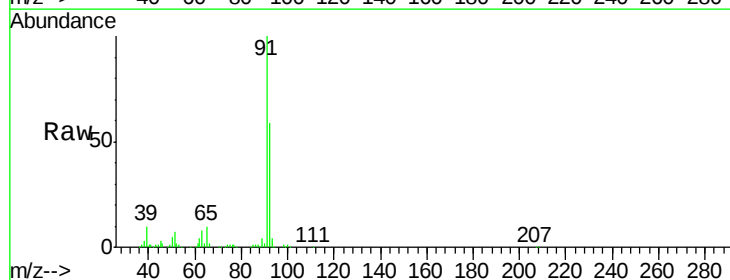
Instrument :
MSVOA_Y
ClientSampleId :

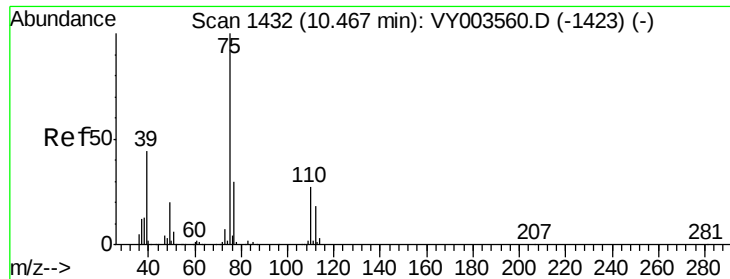
Tot Ion: 43 Resp: 126850
Ion Ratio Lower Upper
43 100
58 38.3 29.8 44.8



#52
Toluene
Concen: 20.418 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 92 Resp: 89639
Ion Ratio Lower Upper
92 100
91 173.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.314 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

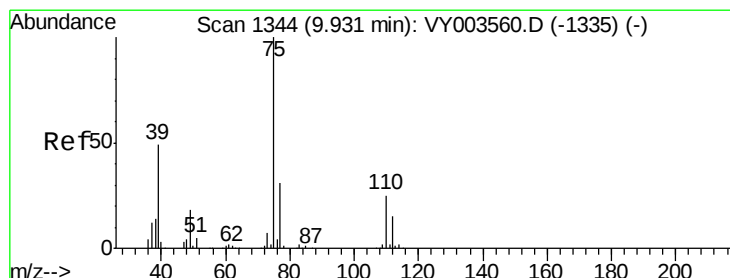
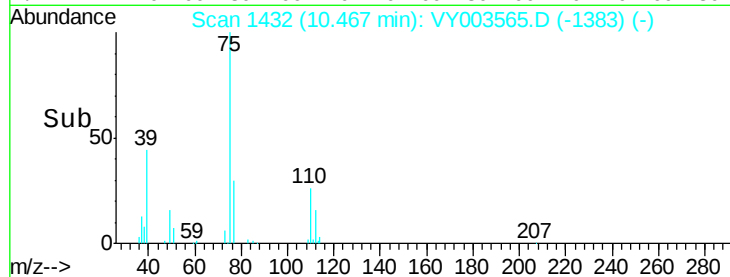
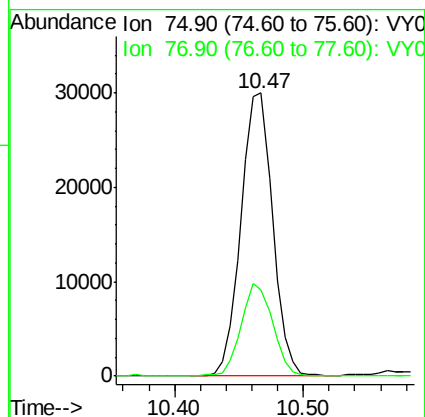
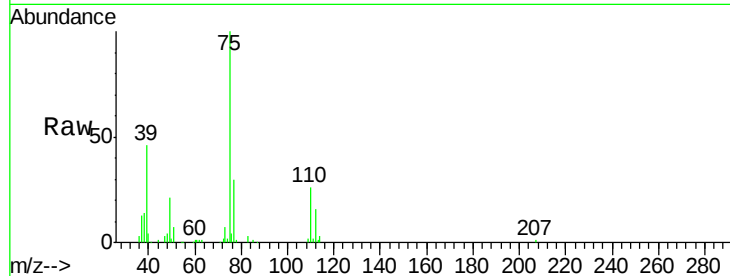
ClientSampleId :

Tot Ion: 75 Resp: 51117

Ion Ratio Lower Upper

75 100

77 30.3 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 20.352 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

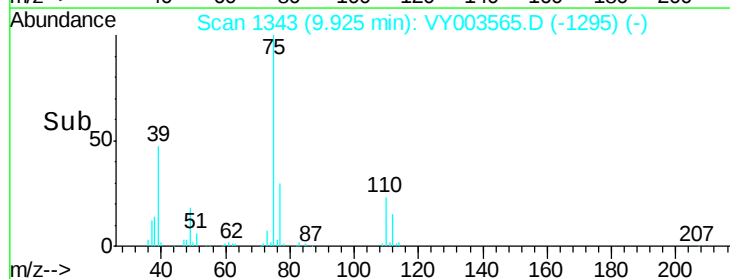
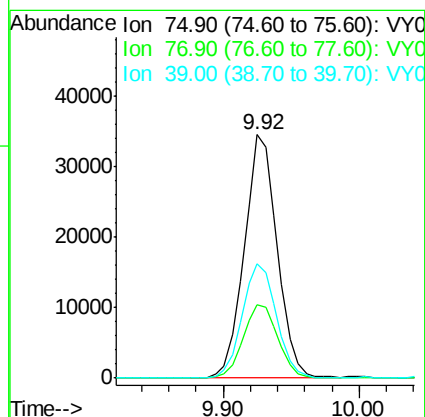
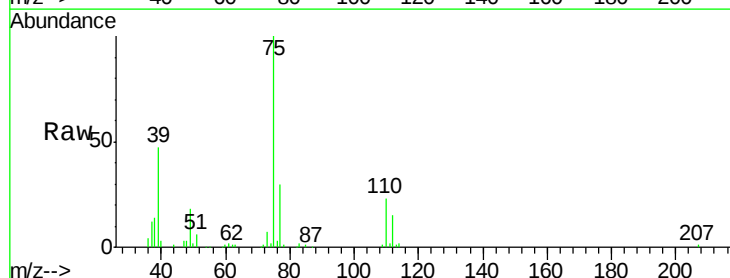
Tgt Ion: 75 Resp: 58288

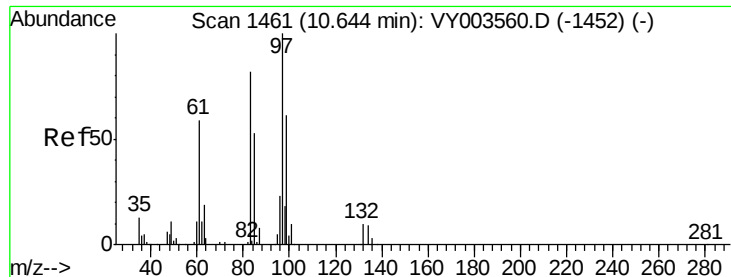
Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8

39 46.9 38.9 58.3





#55

1,1,2-Trichloroethane

Concen: 20.092 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 28846

Ion	Ratio	Lower	Upper
97	100		
83	96.5	65.2	97.8
85	56.6	42.4	63.6
99	68.7	48.5	72.7

Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

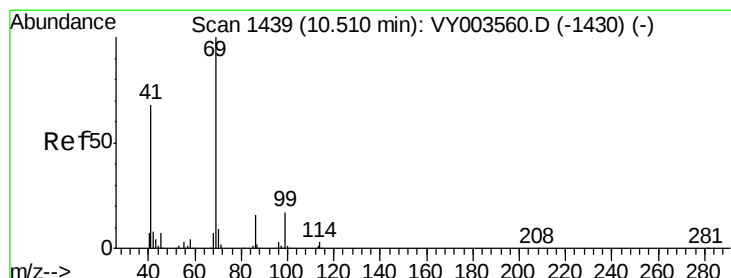
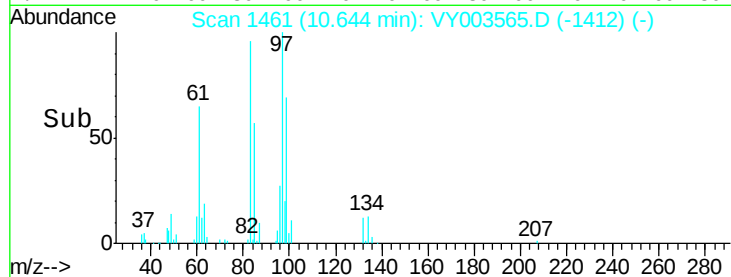
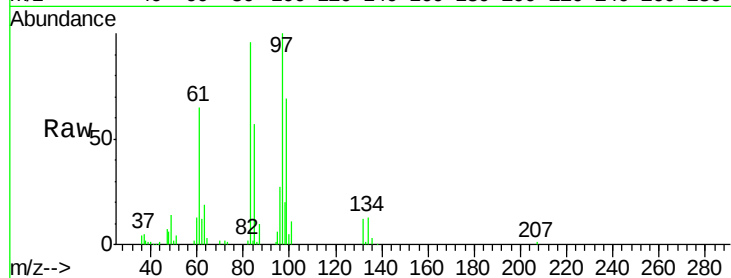
Ion 98.90 (98.60 to 99.60): VY0

Time-->

10.64

10.65

10.70



#56

Ethyl methacrylate

Concen: 20.410 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion: 69 Resp: 35609

Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.4	83.0
39	36.8	30.2	45.2

Abundance

Ion 69.00 (68.70 to 69.70): VY0

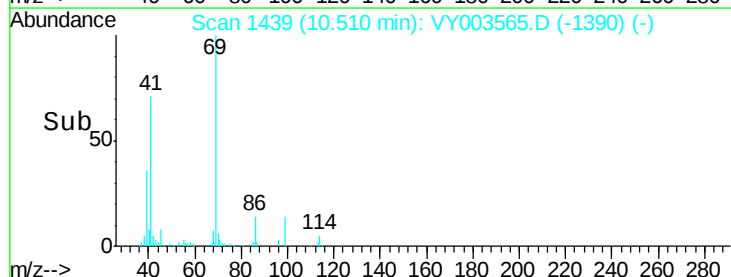
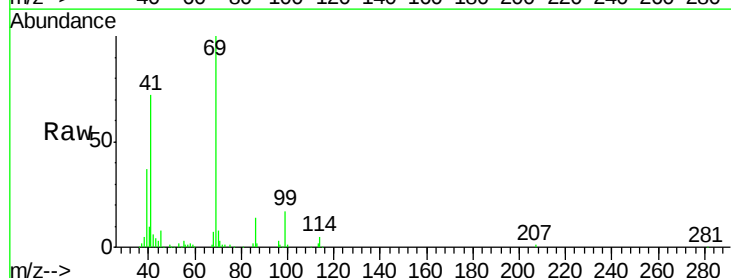
Ion 41.00 (40.70 to 41.70): VY0

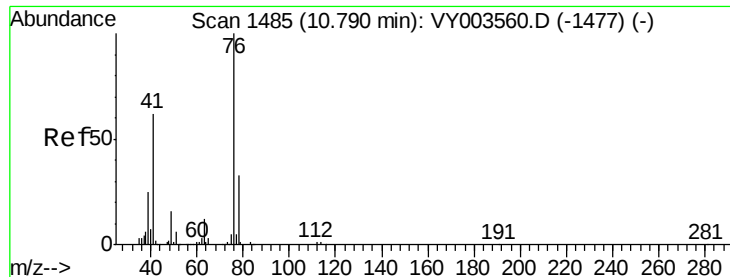
Ion 39.00 (38.70 to 39.70): VY0

Time-->

10.51

10.55





#57

1,3-Dichloropropane

Concen: 21.122 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

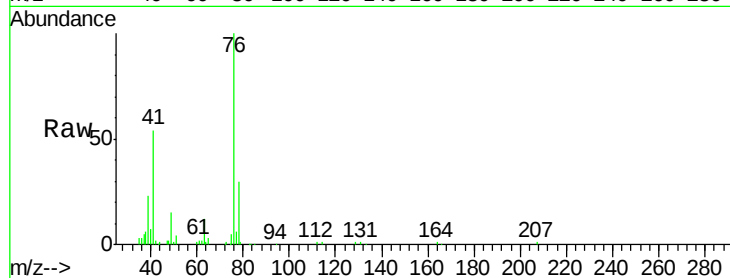
ClientSampleId :

Tot Ion: 76 Resp: 51325

Ion Ratio Lower Upper

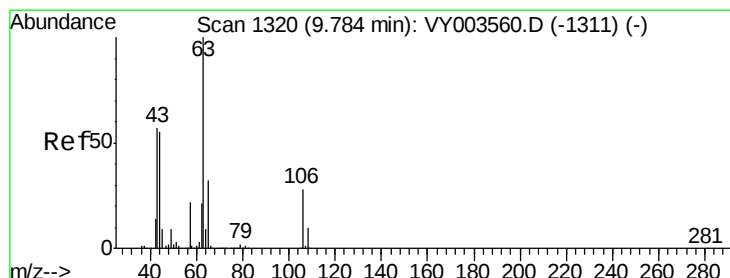
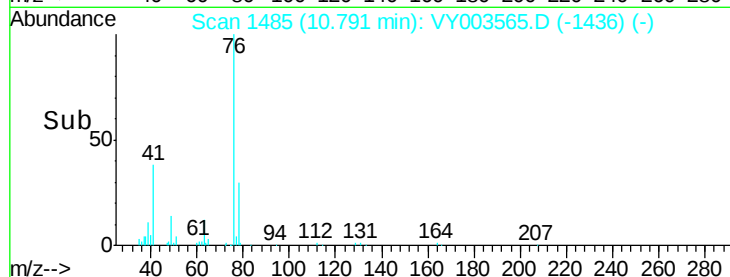
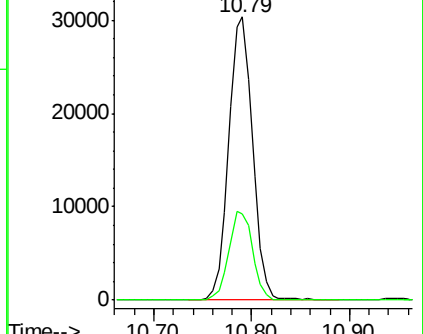
76 100

78 31.3 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: 105.965 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003565.D

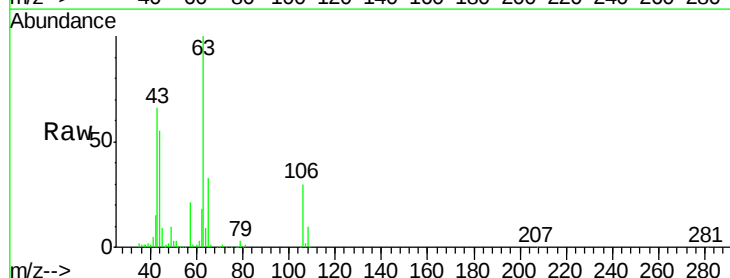
Acq: 20 Nov 2020 14:20

Tgt Ion: 63 Resp: 94877

Ion Ratio Lower Upper

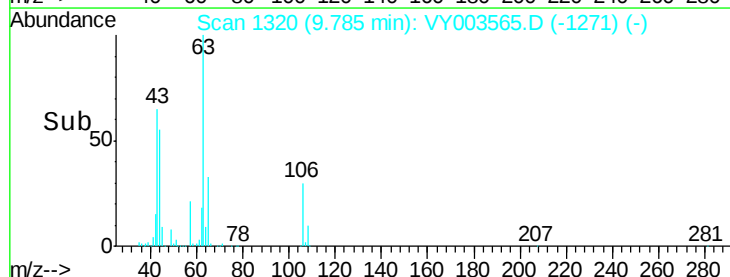
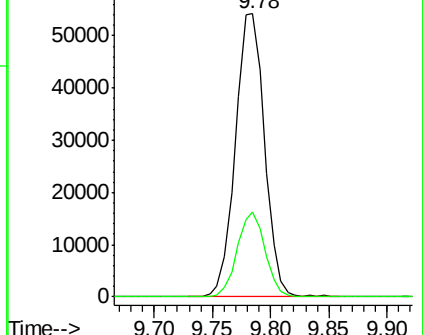
63 100

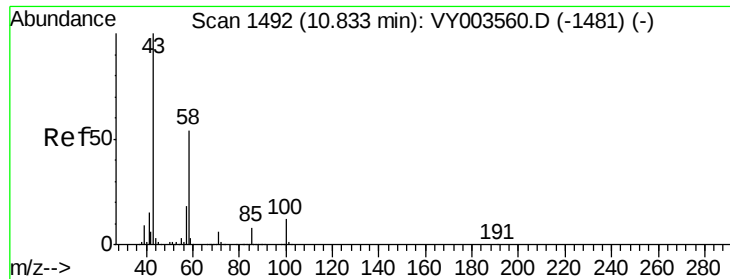
106 28.6 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

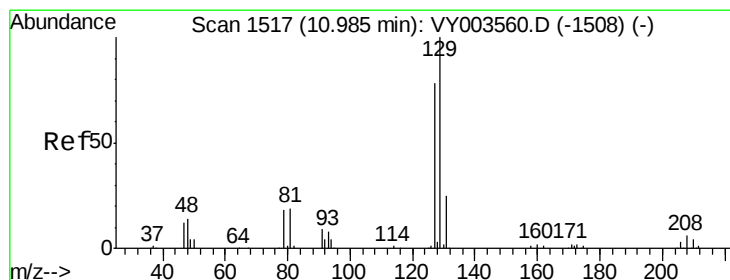
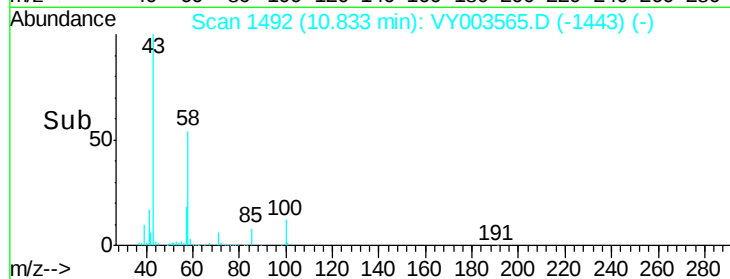
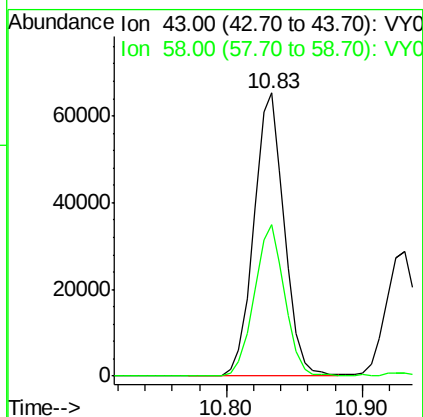
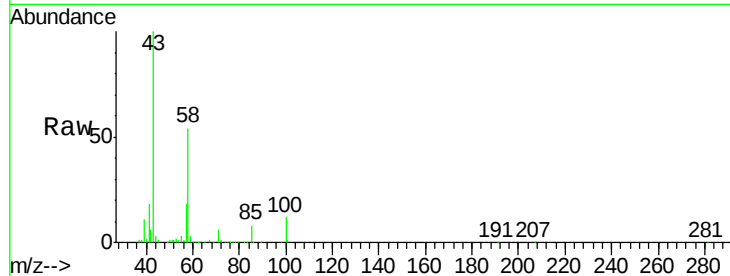




#59
2-Hexanone
Concen: 96.652 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

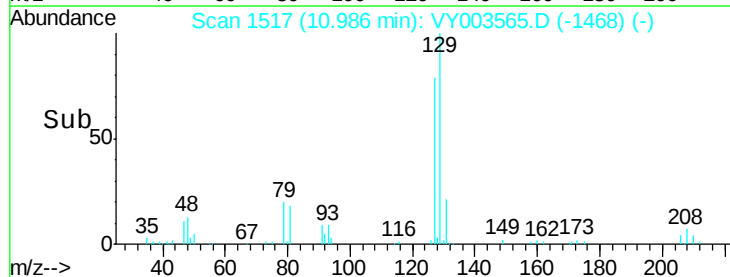
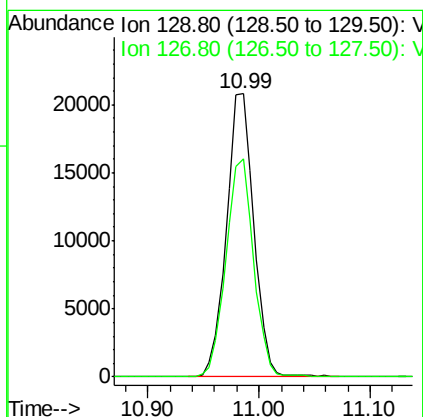
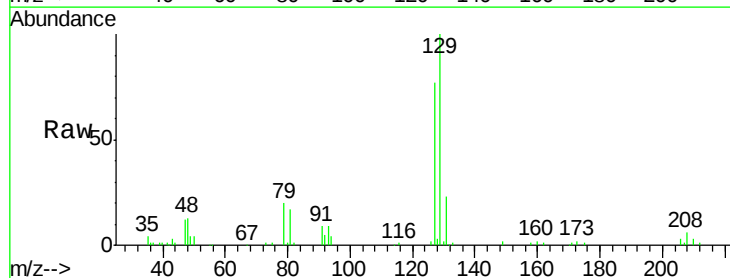
Instrument :
MSVOA_Y
ClientSampleId :

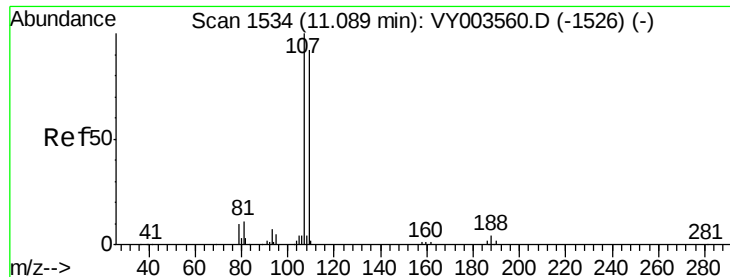
Tot Ion: 43 Resp: 102203
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1



#60
Dibromochloromethane
Concen: 20.403 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 129 Resp: 35418
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.462 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

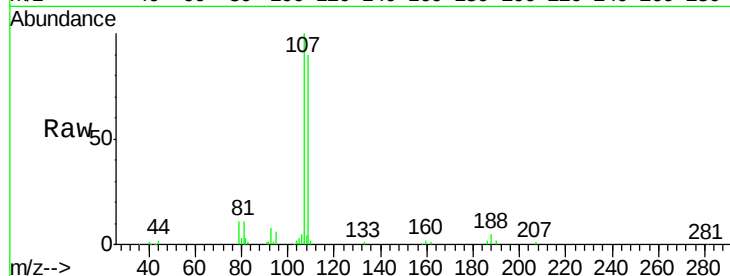
ClientSampleId :

Tot Ion:107 Resp: 28309

Ion Ratio Lower Upper

107 100

109 90.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

20000

15000

10000

5000

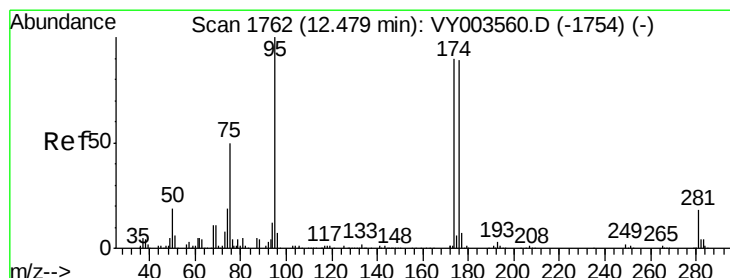
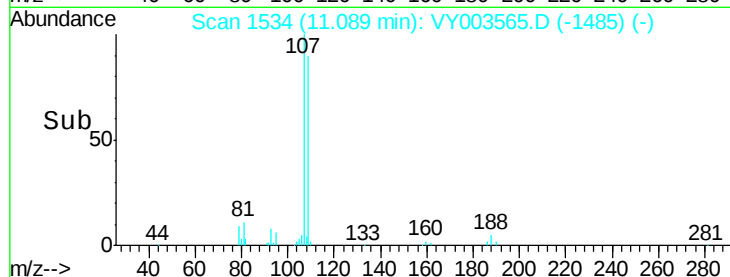
0

Time-->

11.00

11.10

11.20



#62

4-Bromofluorobenzene

Concen: 48.150 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

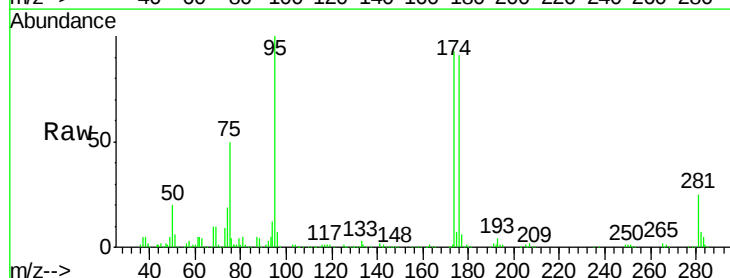
Tgt Ion: 95 Resp: 95962

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.0

176 89.8 0.0 180.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

80000

60000

40000

20000

0

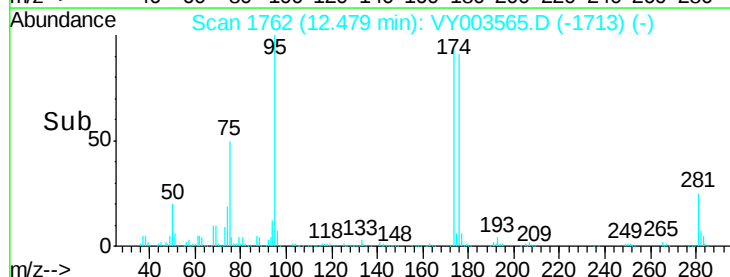
Time-->

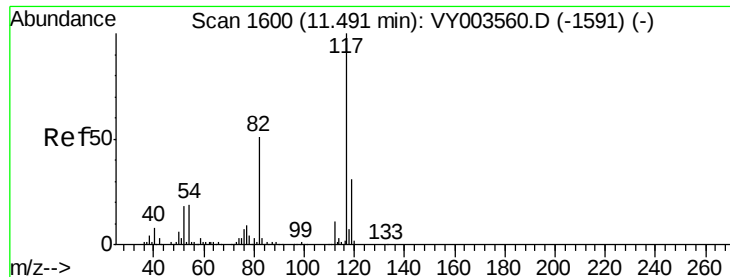
12.40

12.45

12.50

12.55

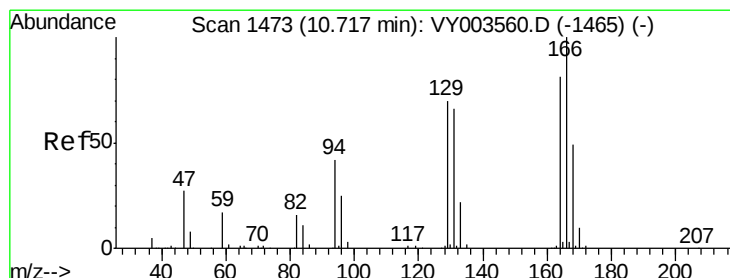
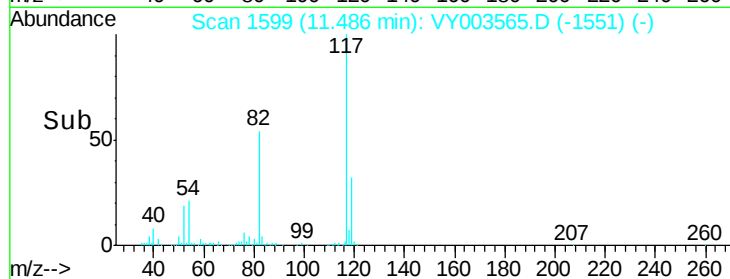
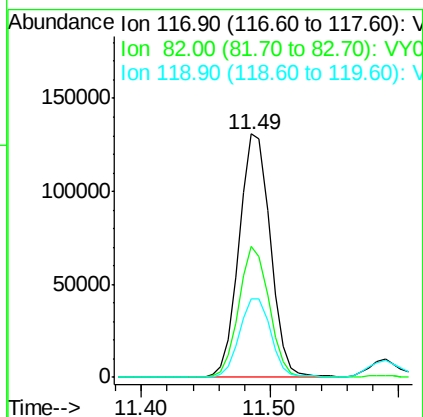
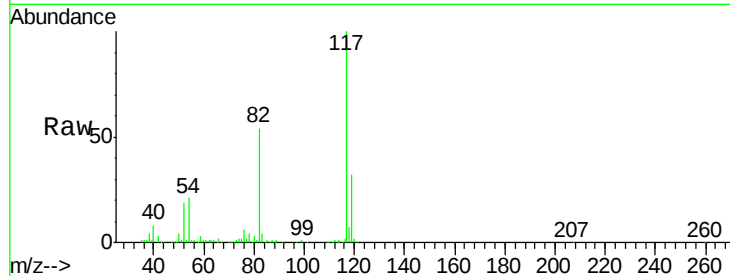




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

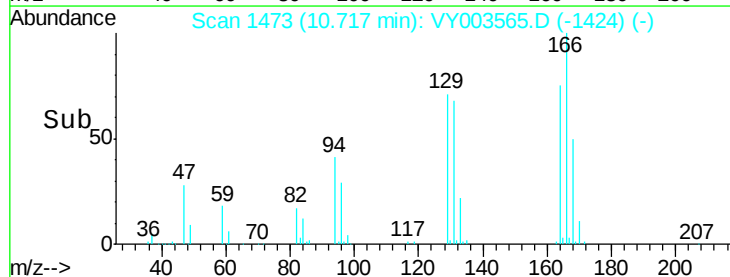
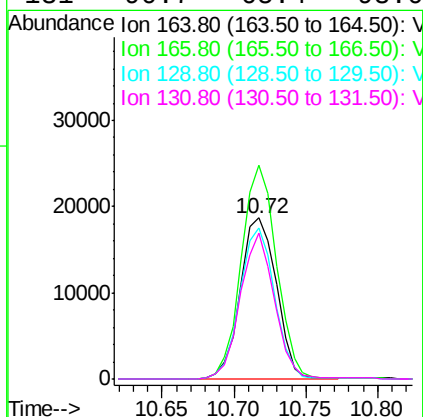
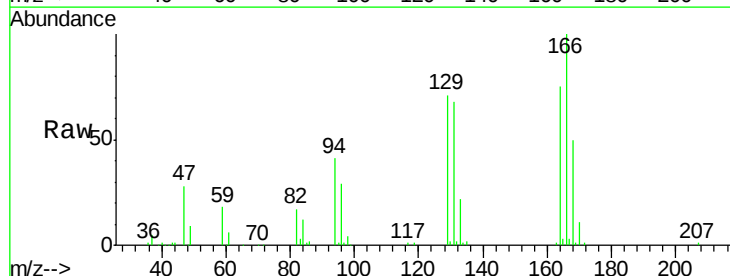
Instrument :
MSVOA_Y
ClientSampleId :

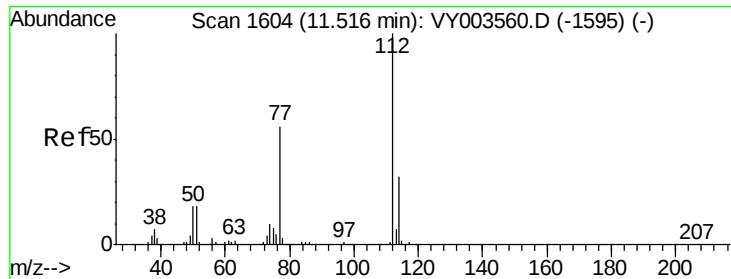
Tot Ion:117 Resp: 220926
Ion Ratio Lower Upper
117 100
82 53.9 41.0 61.6
119 32.2 25.0 37.6



#64
Tetrachloroethene
Concen: 19.740 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion:164 Resp: 32575
Ion Ratio Lower Upper
164 100
166 132.5 99.0 148.4
129 93.5 69.1 103.7
131 90.7 65.4 98.0

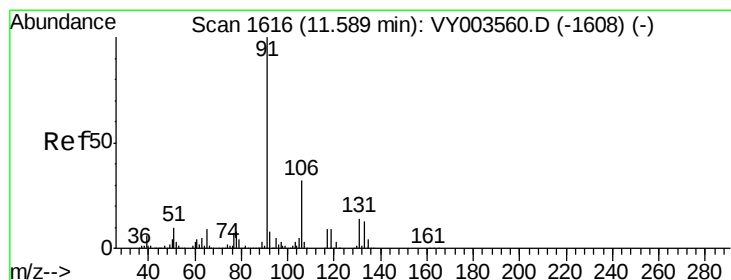
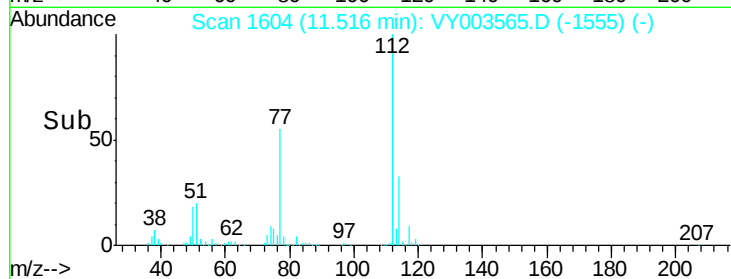
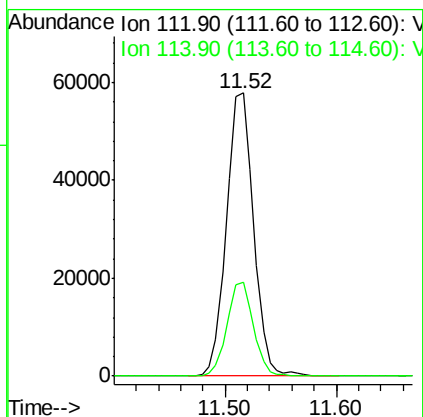
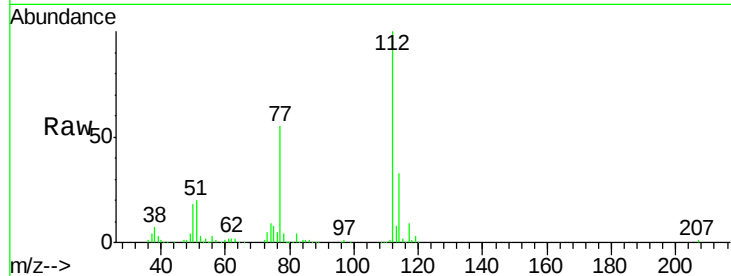




#65
Chlorobenzene
Concen: 20.440 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

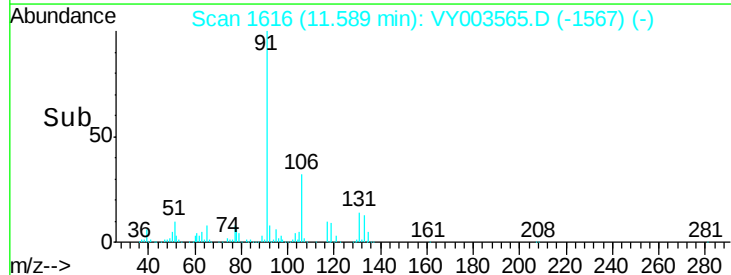
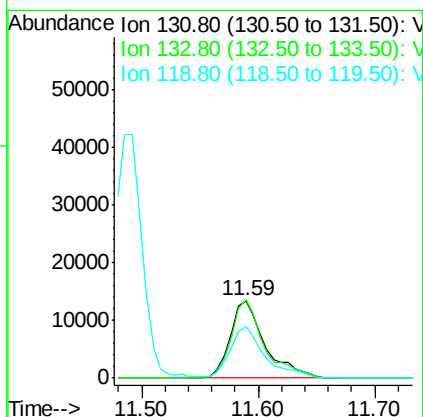
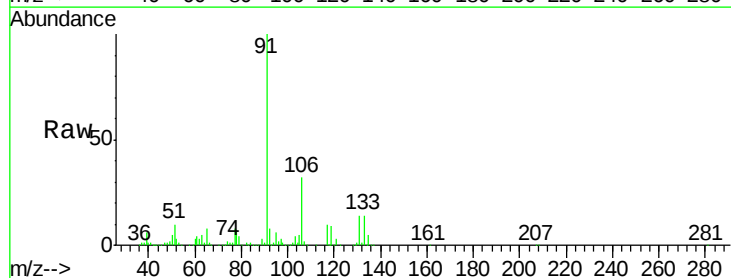
Instrument :
MSVOA_Y
ClientSampleId :

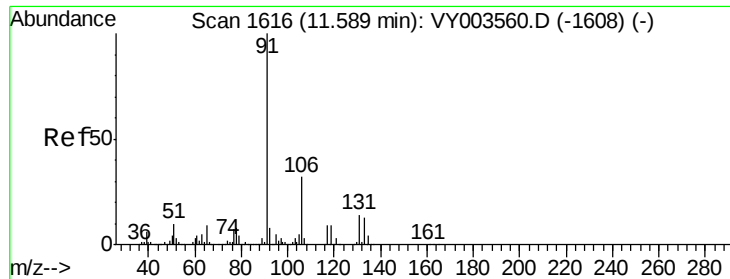
Tot Ion:112 Resp: 97698
Ion Ratio Lower Upper
112 100
114 33.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.378 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion:131 Resp: 27949
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 66.7 32.6 97.7

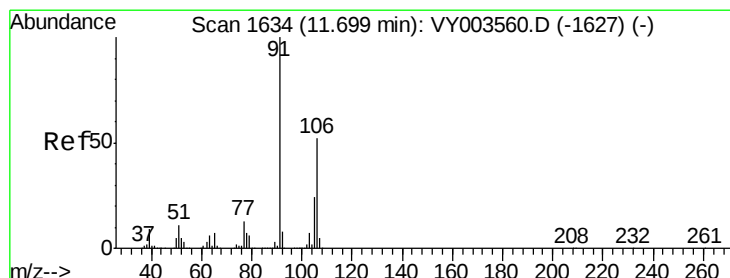
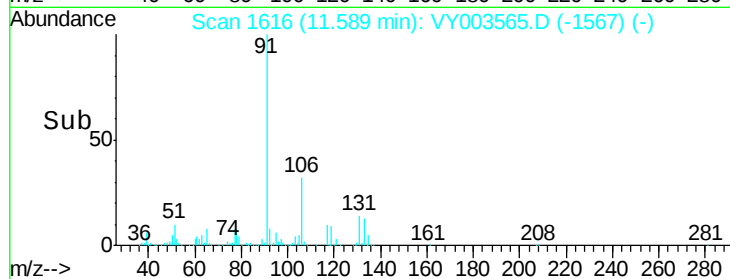
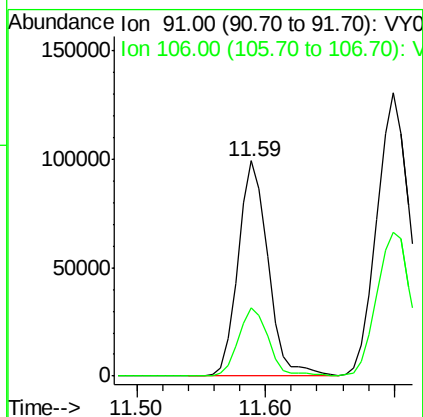
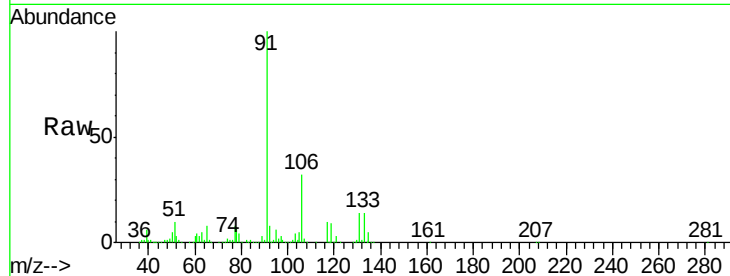




#67
Ethyl Benzene
Concen: 20.409 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

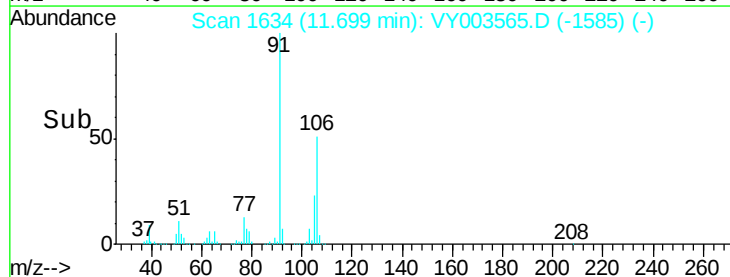
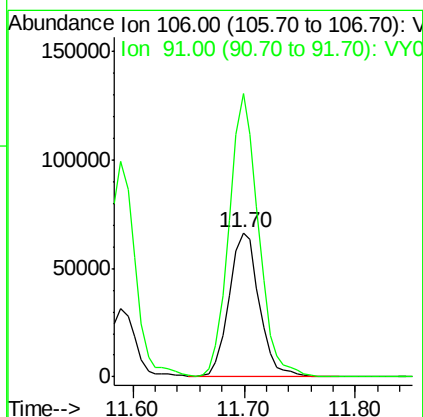
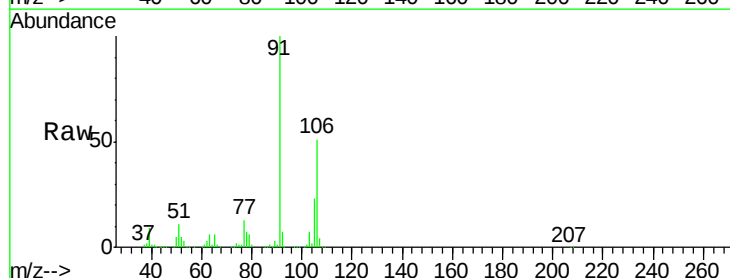
Instrument :
MSVOA_Y
ClientSampleId :

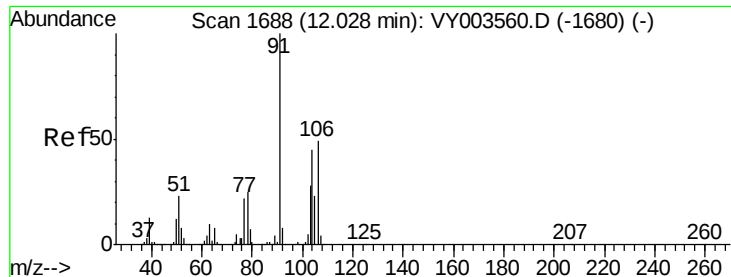
Tot Ion: 91 Resp: 159848
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4



#68
m/p-Xylenes
Concen: 41.599 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 106 Resp: 124762
Ion Ratio Lower Upper
106 100
91 190.9 154.2 231.4

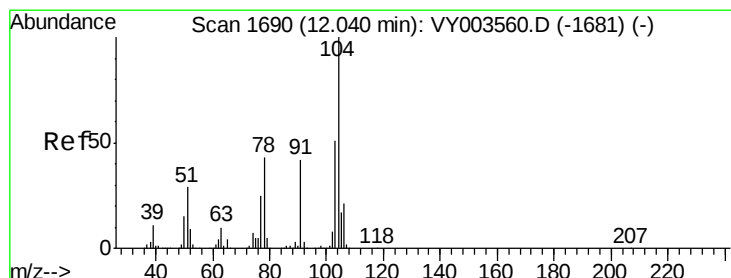
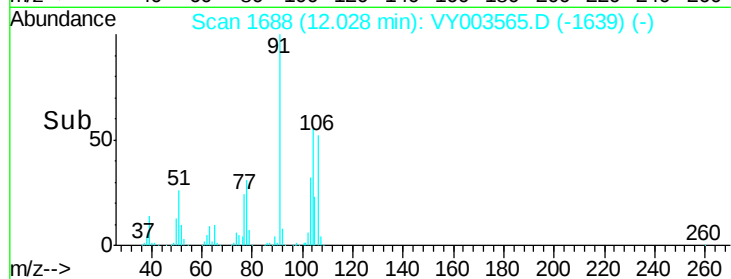
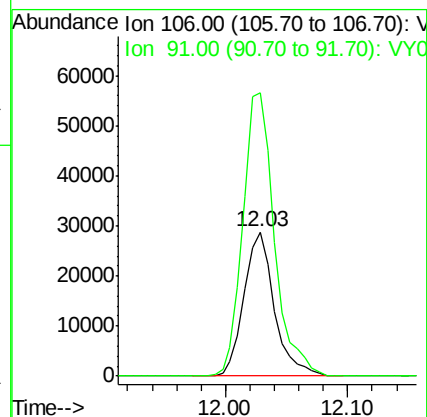
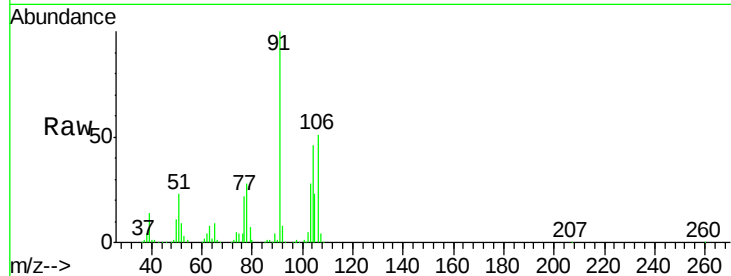




#69
o-Xylene
Concen: 20.632 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

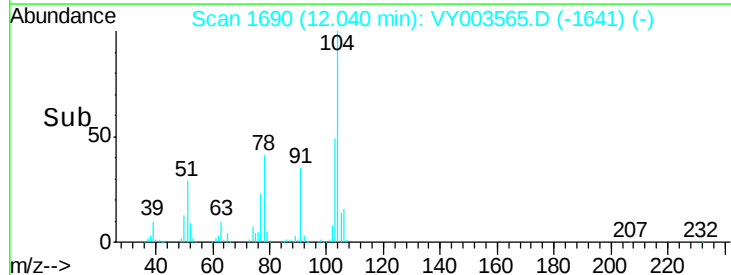
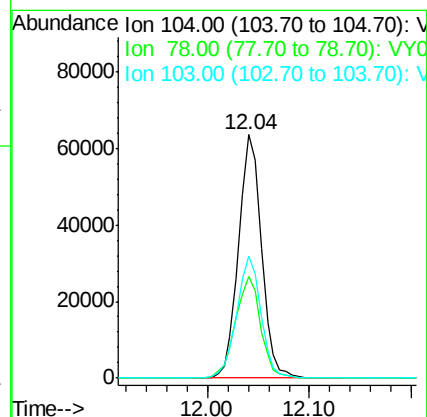
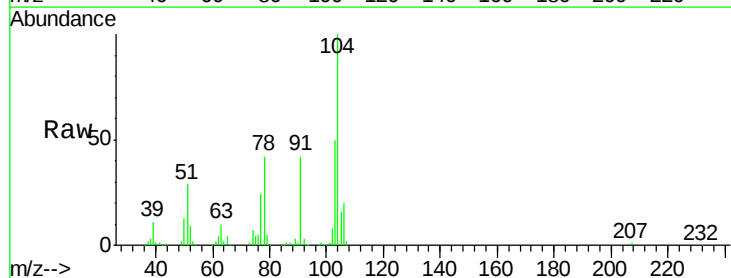
Instrument :
MSVOA_Y
ClientSampleId :

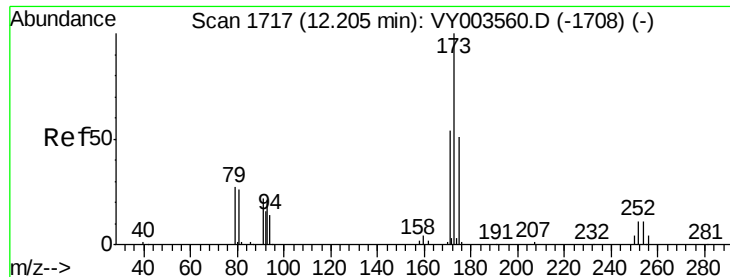
Tot Ion:106 Resp: 49495
Ion Ratio Lower Upper
106 100
91 204.5 103.1 309.1



#70
Styrene
Concen: 20.392 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion:104 Resp: 98597
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 52.9 43.6 65.4

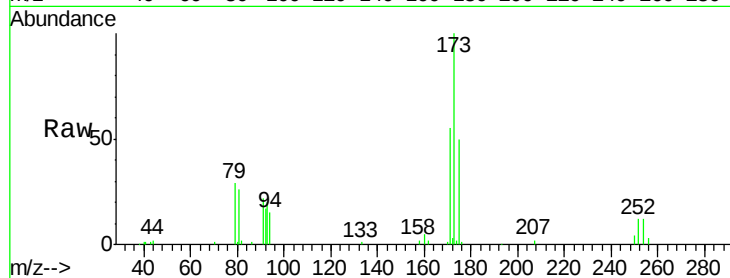




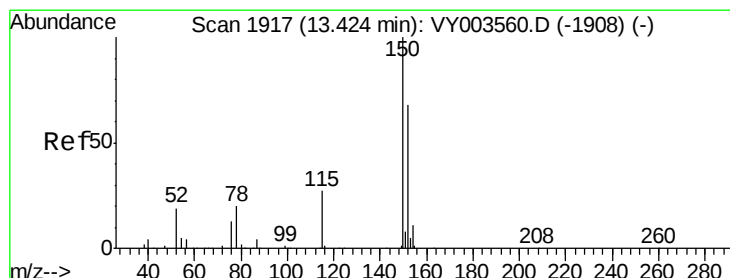
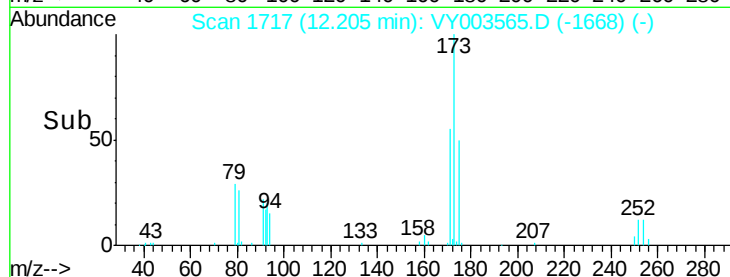
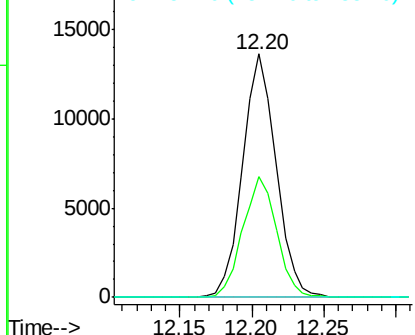
#71
Bromoform
Concen: 19.824 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 21957
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.6
254 0.0 0.1 0.1#

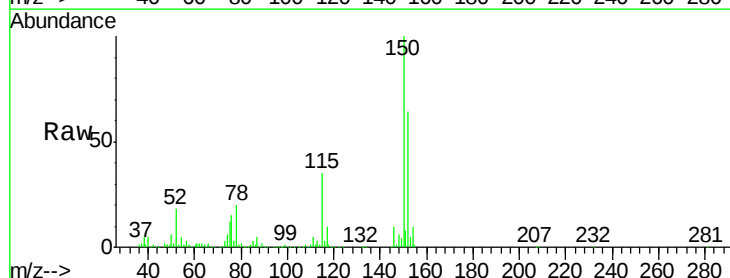


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

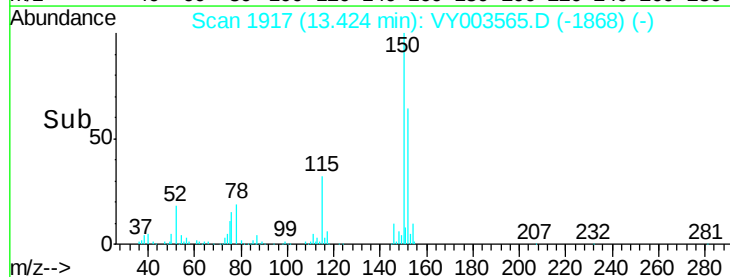
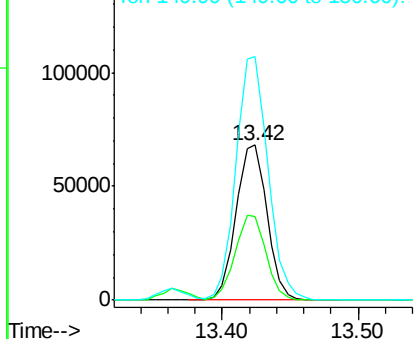


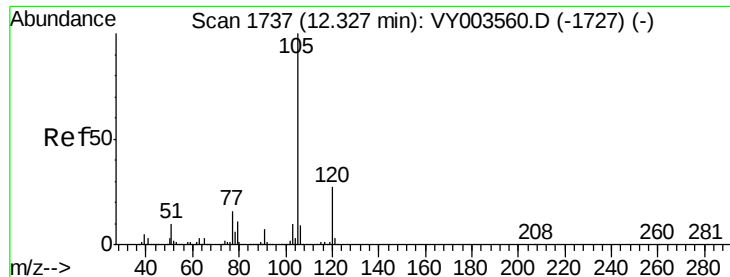
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion:152 Resp: 108021
Ion Ratio Lower Upper
152 100
115 54.6 27.4 82.0
150 163.0 0.0 349.6



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





#73

Isopropylbenzene

Concen: 20.543 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

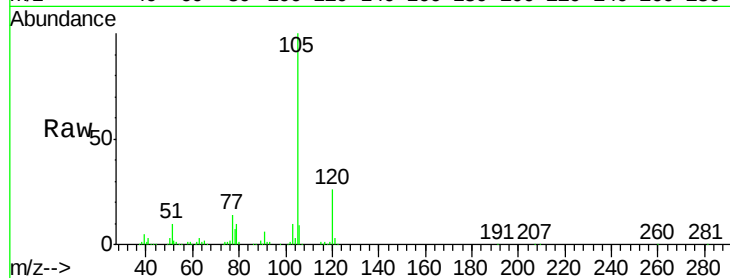
ClientSampleId :

Tot Ion:105 Resp: 110534

Ion Ratio Lower Upper

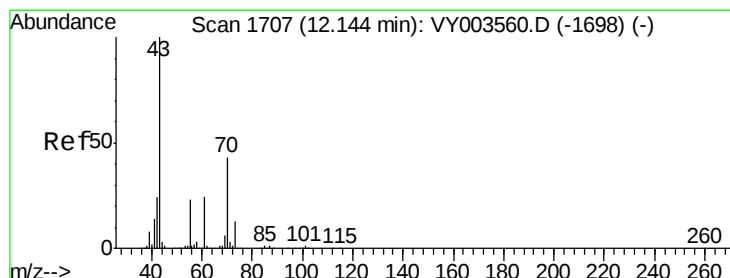
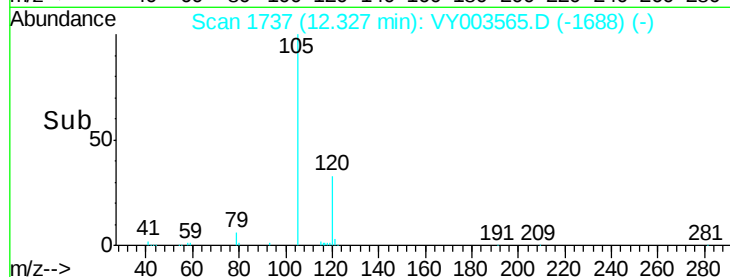
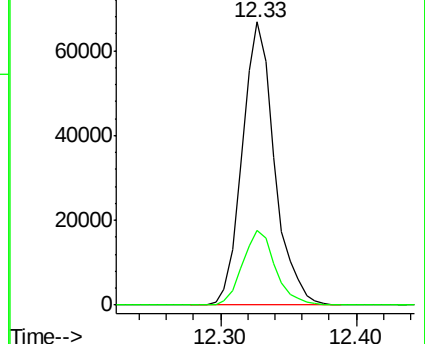
105 100

120 26.7 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: 20.086 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion: 43 Resp: 42802

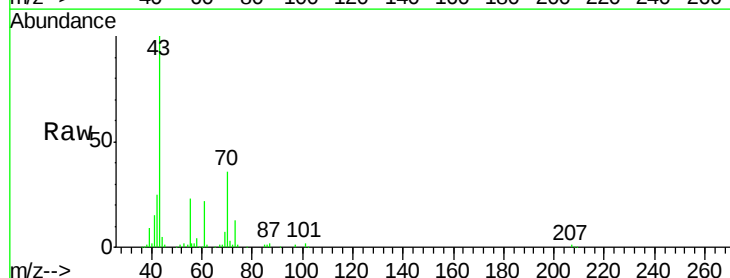
Ion Ratio Lower Upper

43 100

70 39.8 32.2 48.4

55 23.8 18.6 28.0

61 22.0 18.6 28.0

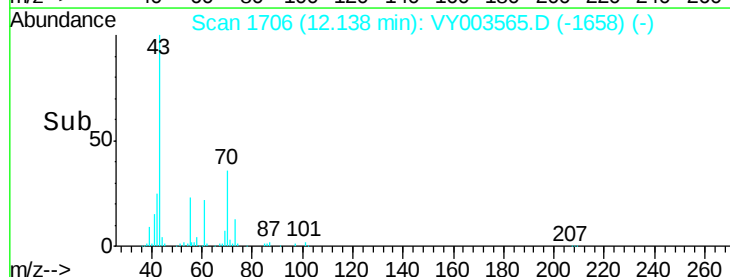
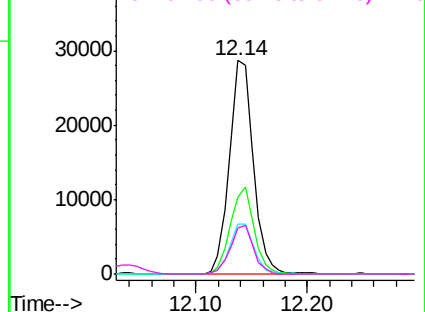


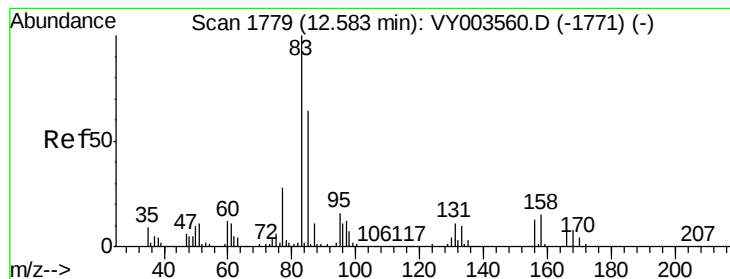
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 20.823 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

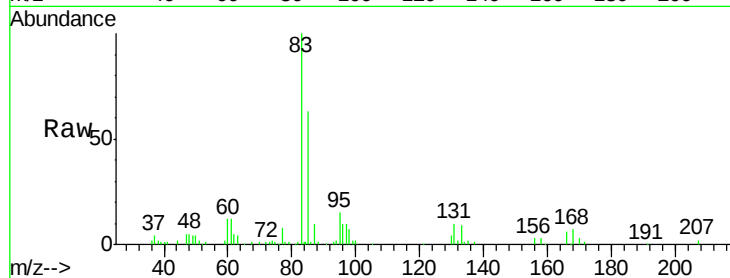
Tot Ion: 83 Resp: 31177

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

85 63.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

12.58

25000

20000

15000

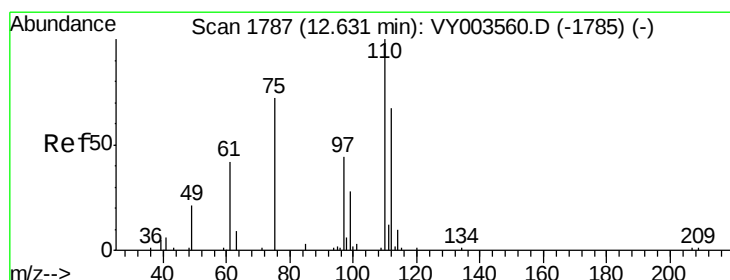
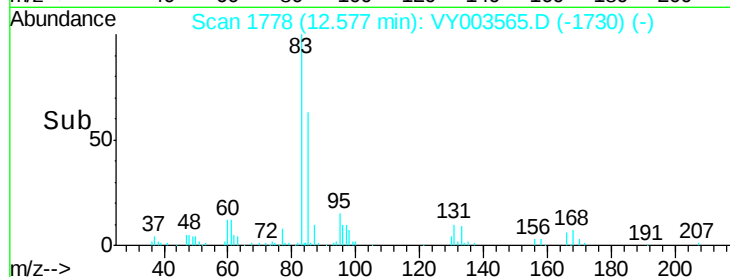
10000

5000

0

Time-->

12.50 12.60 12.70



#76

1,2,3-Trichloropropane

Concen: 40.486 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003565.D

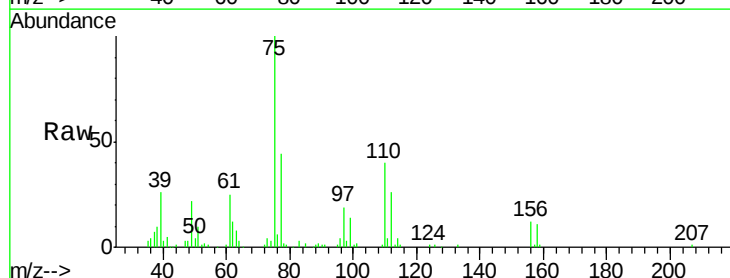
Acq: 20 Nov 2020 14:20

Tgt Ion: 75 Resp: 42399

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

40000

30000

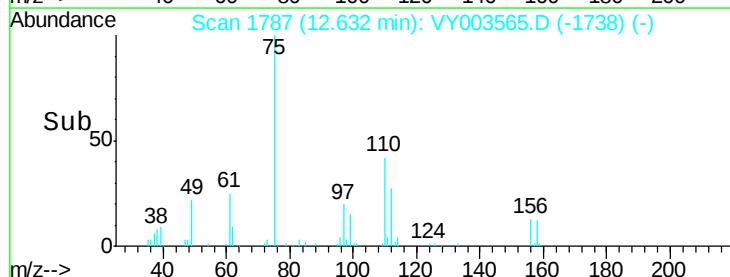
20000

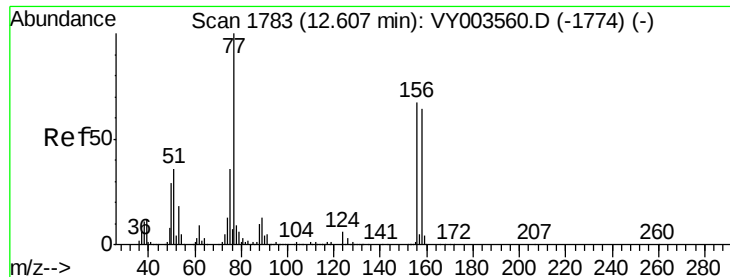
10000

0

Time-->

12.50 12.60 12.70





#77

Bromobenzene

Concen: 20.723 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

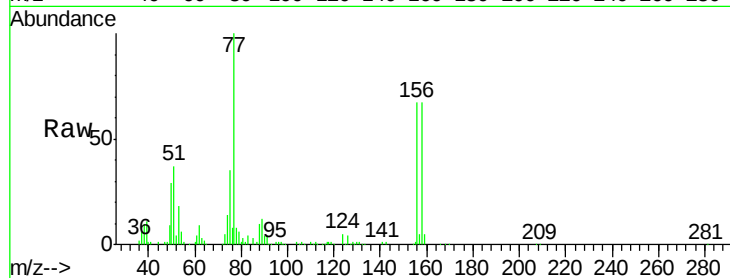
Tot Ion:156 Resp: 41025

Ion Ratio Lower Upper

156 100

77 169.8 85.7 257.1

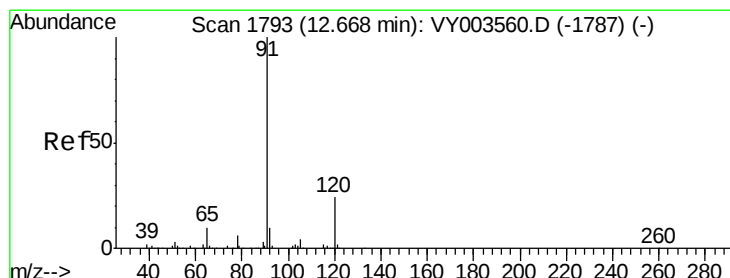
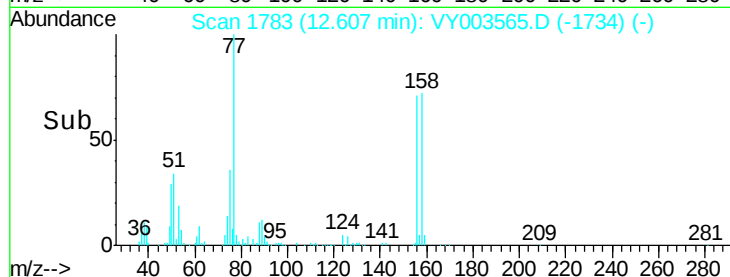
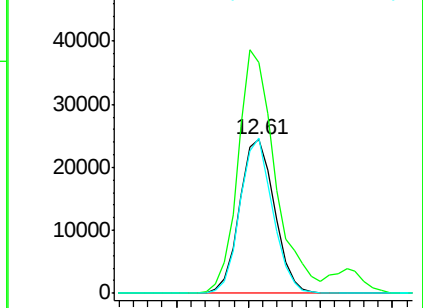
158 94.6 48.8 146.4



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: 20.340 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003565.D

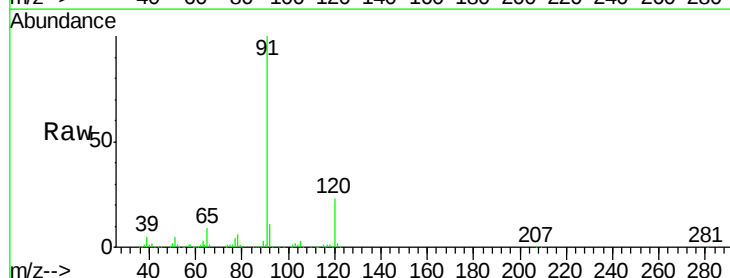
Acq: 20 Nov 2020 14:20

Tgt Ion: 91 Resp: 153754

Ion Ratio Lower Upper

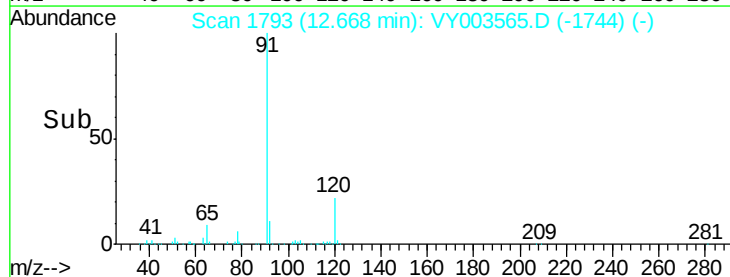
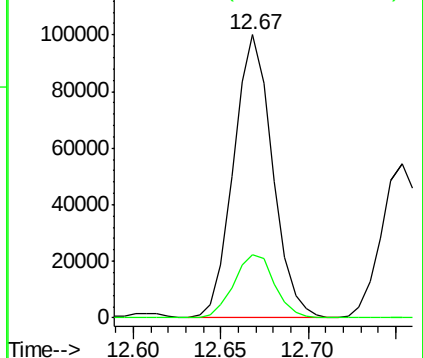
91 100

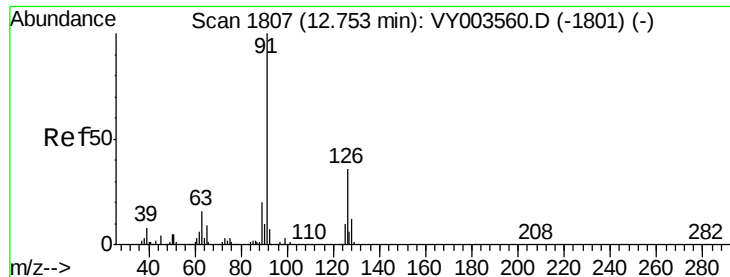
120 23.7 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.558 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

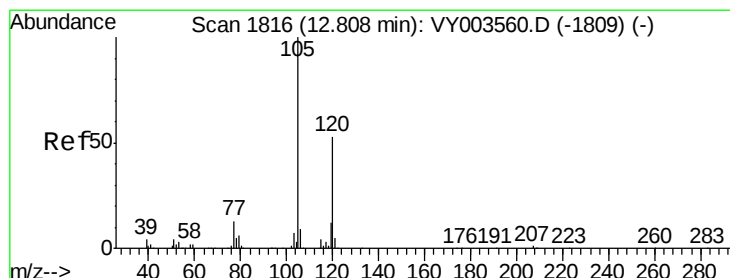
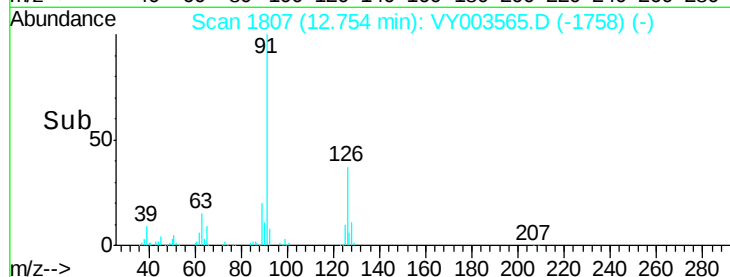
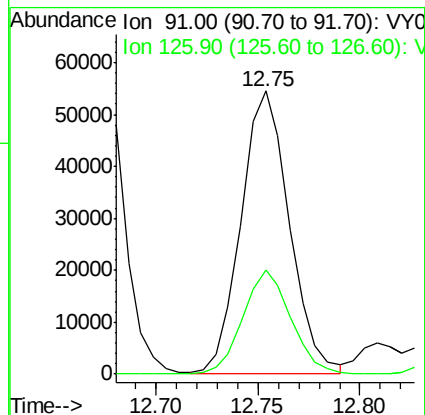
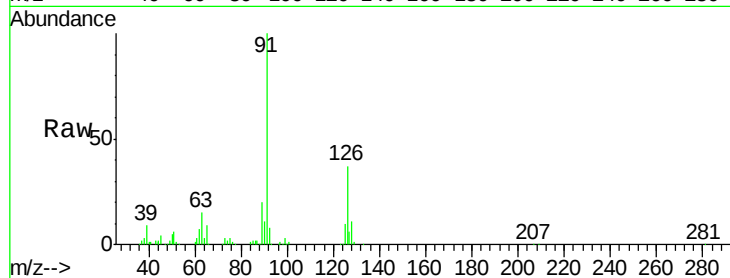
ClientSampleId :

Tot Ion: 91 Resp: 89703

Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.3



#80

1,3,5-Trimethylbenzene

Concen: 20.634 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003565.D

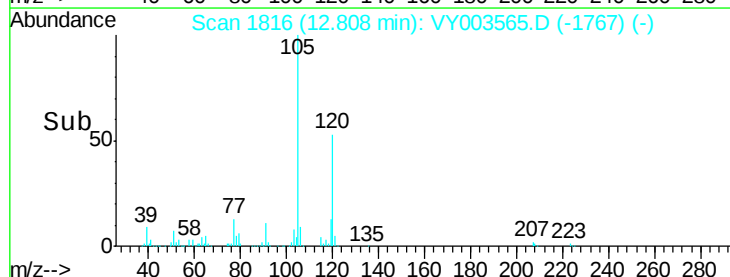
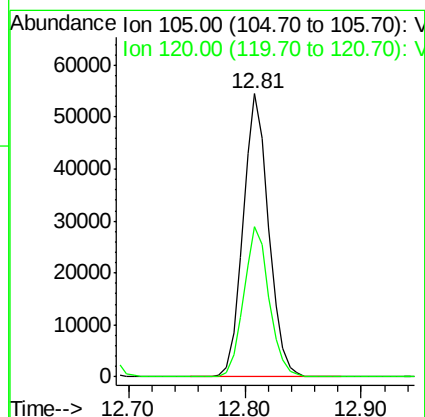
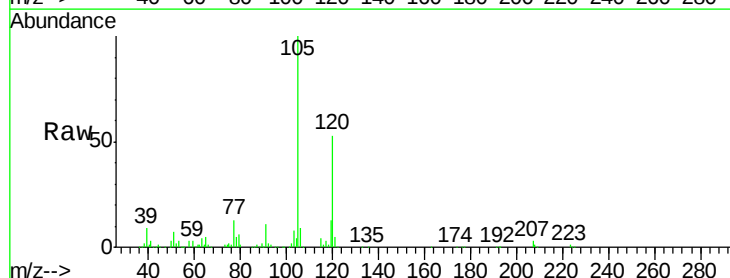
Acq: 20 Nov 2020 14:20

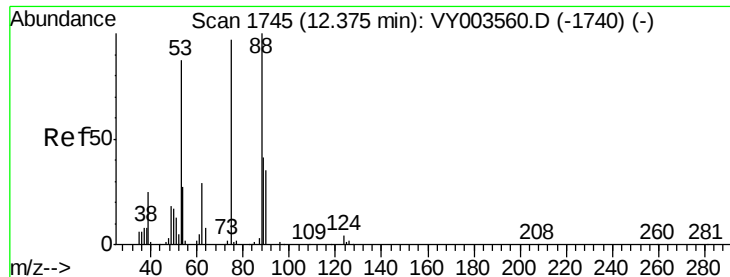
Tgt Ion: 105 Resp: 83446

Ion Ratio Lower Upper

105 100

120 52.6 26.3 78.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.804 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

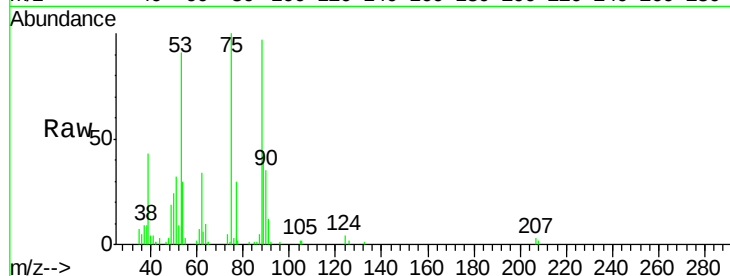
Tot Ion: 75 Resp: 13046

Ion Ratio Lower Upper

75 100

53 90.6 71.4 107.2

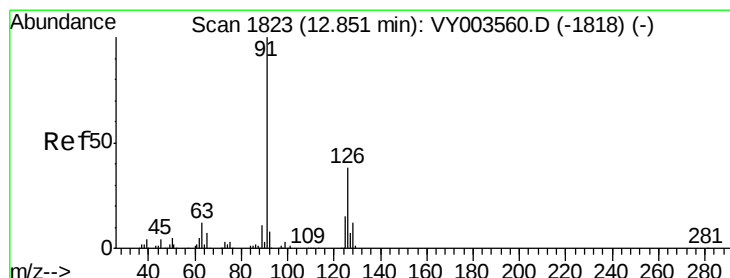
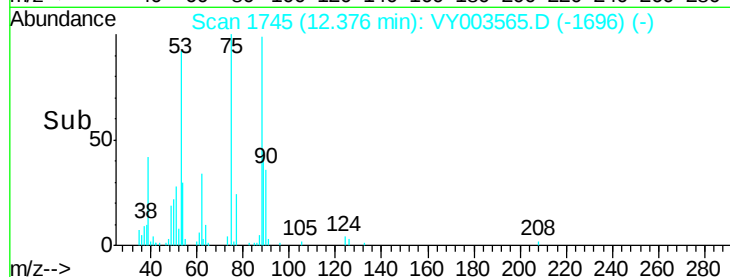
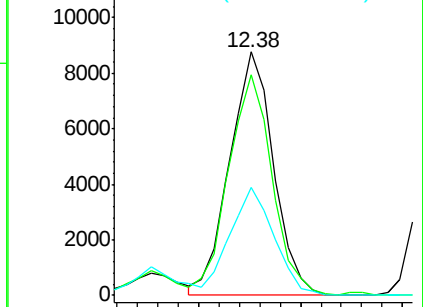
89 44.5 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VY003565.D (-1696) (-)

Ion 53.00 (52.70 to 53.70): VY003565.D (-1696) (-)

Ion 88.90 (88.60 to 89.60): VY003565.D (-1696) (-)



#82

4-Chlorotoluene

Concen: 20.344 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003565.D

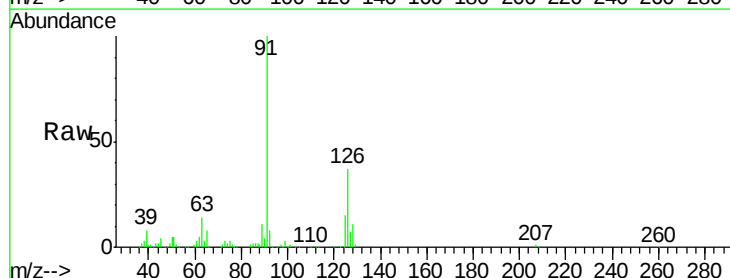
Acq: 20 Nov 2020 14:20

Tgt Ion: 91 Resp: 108759

Ion Ratio Lower Upper

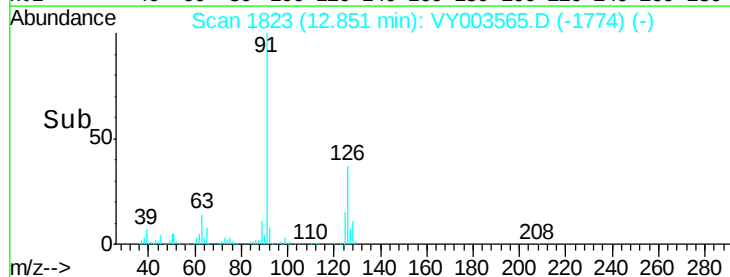
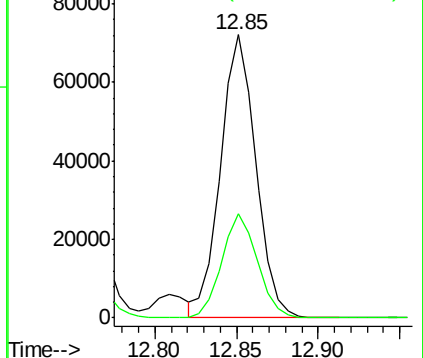
91 100

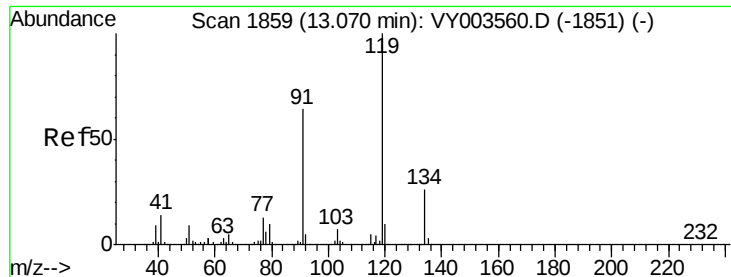
126 37.0 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VY003565.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VY003565.D (-1774) (-)





#83

tert-Butylbenzene

Concen: 19.994 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

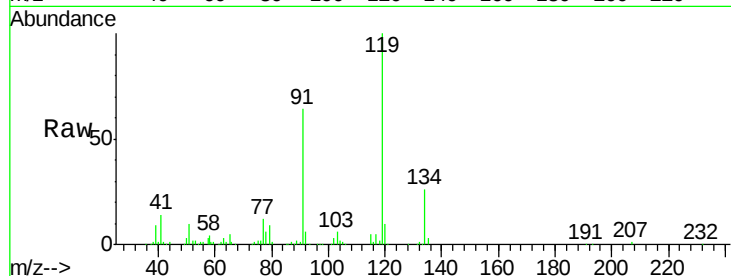
Tot Ion:119 Resp: 81848

Ion Ratio Lower Upper

119 100

91 64.6 31.8 95.3

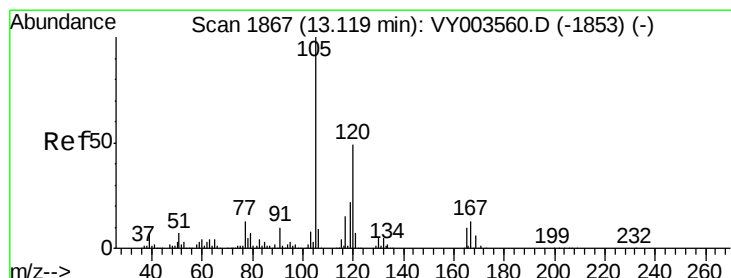
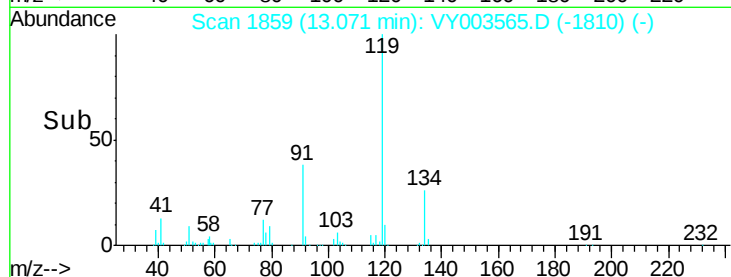
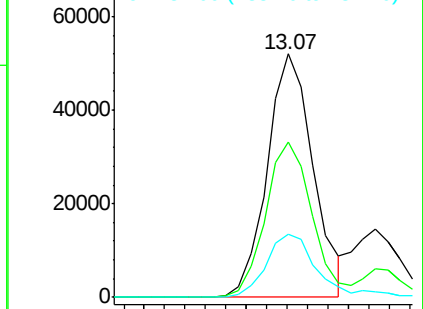
134 29.0 14.1 42.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.803 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003565.D

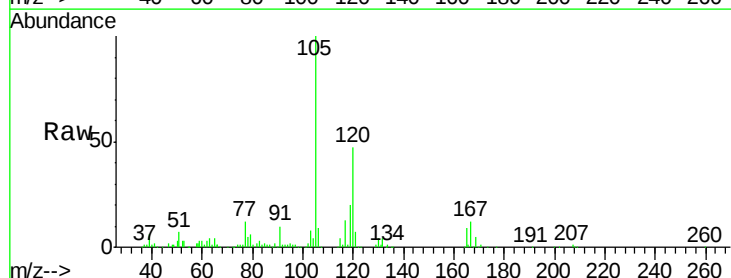
Acq: 20 Nov 2020 14:20

Tgt Ion:105 Resp: 89575

Ion Ratio Lower Upper

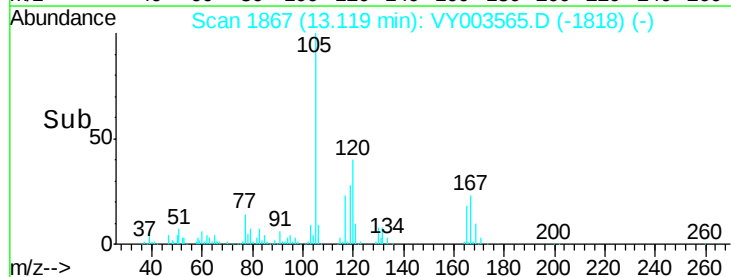
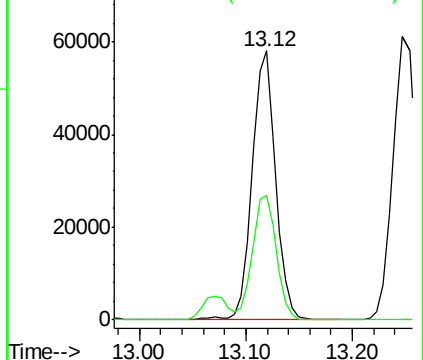
105 100

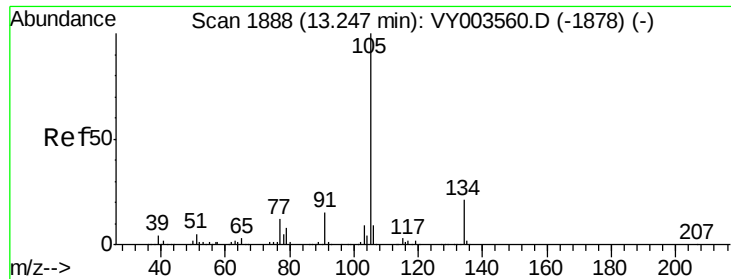
120 47.3 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

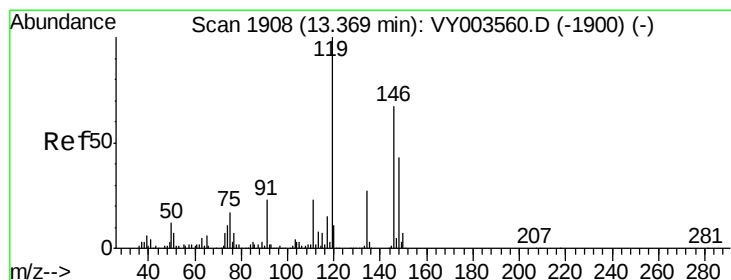
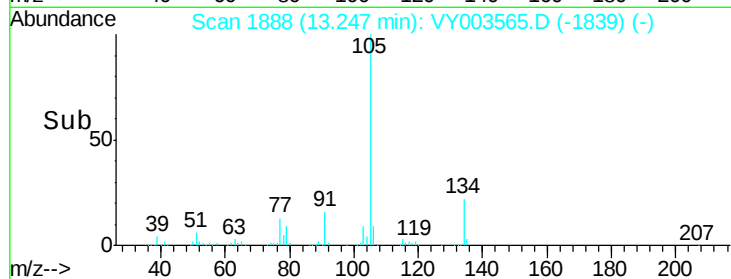
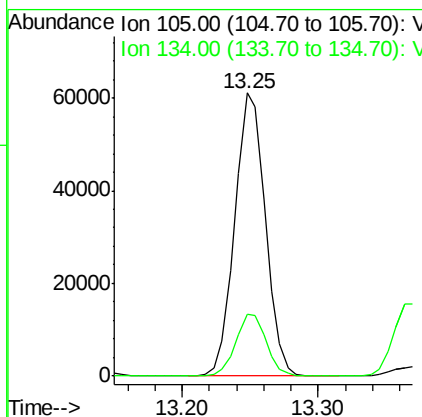
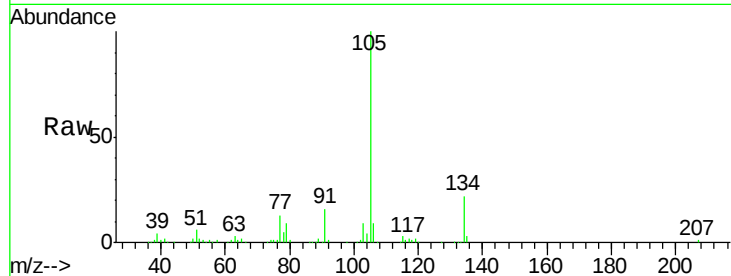




#85
 sec-Butylbenzene
 Concen: 20.572 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

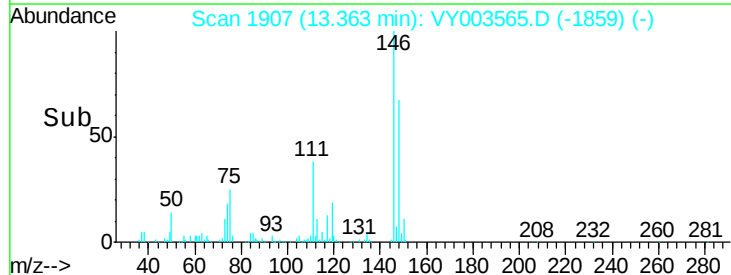
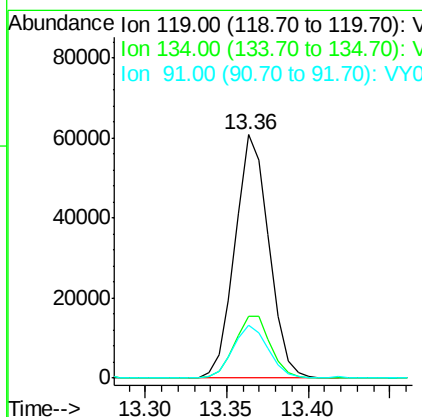
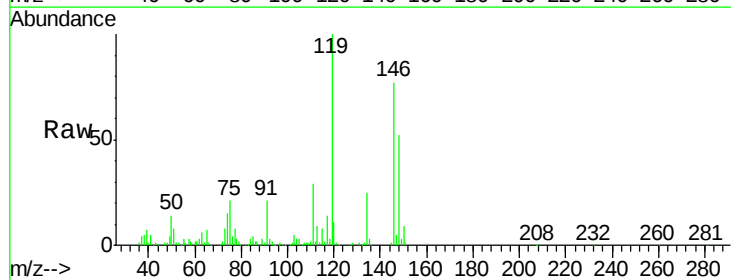
Instrument :
 MSVOA_Y
 ClientSampleId :

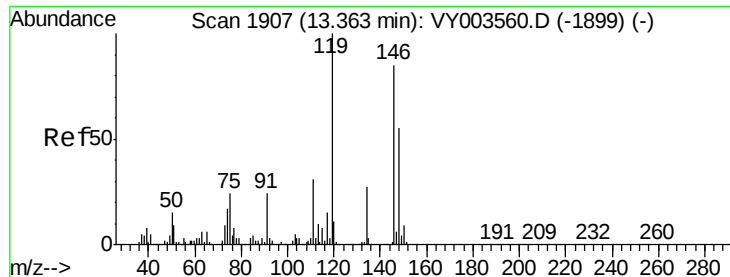
Tot Ion:105 Resp: 95321
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 21.165 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion:119 Resp: 87995
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.8 41.4
 91 22.3 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 20.694 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

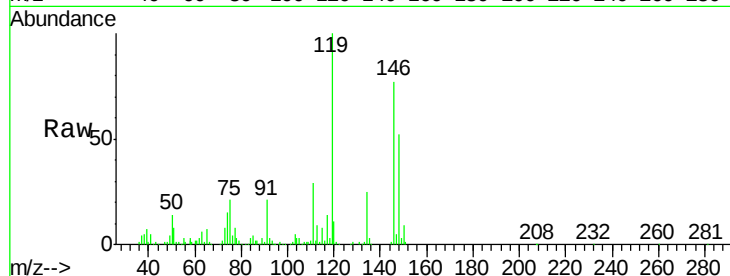
Tot Ion:146 Resp: 74572

Ion Ratio Lower Upper

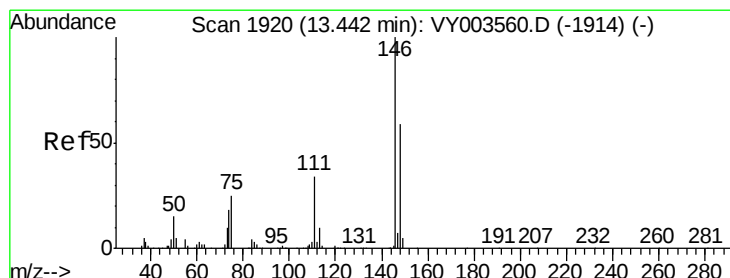
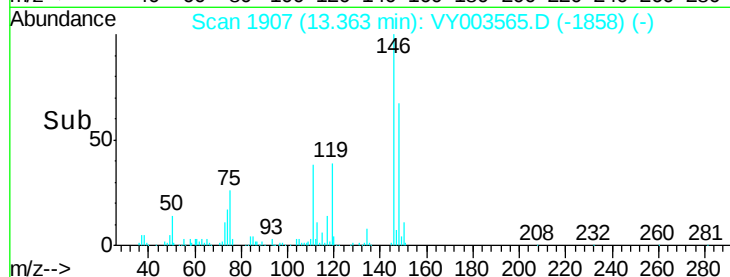
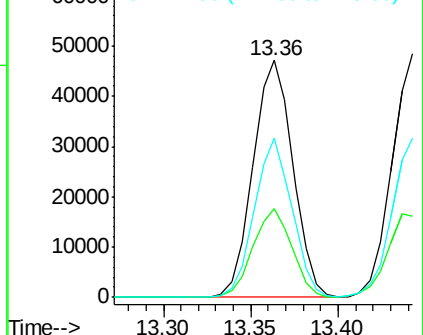
146 100

111 36.5 18.3 54.9

148 63.2 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



#88

1,4-Dichlorobenzene

Concen: 19.943 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

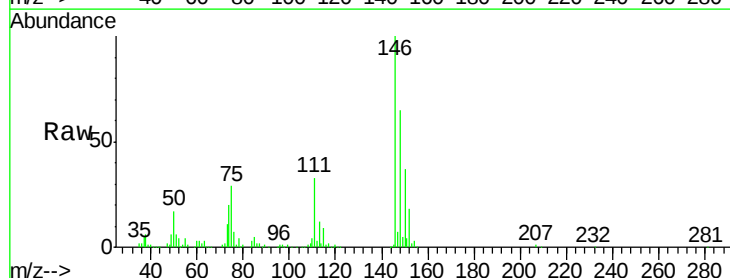
Tgt Ion:146 Resp: 73646

Ion Ratio Lower Upper

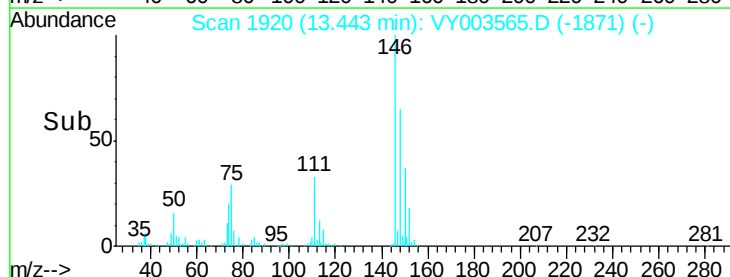
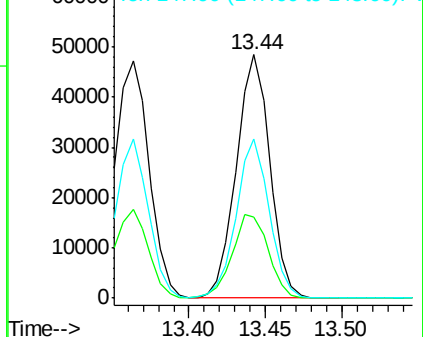
146 100

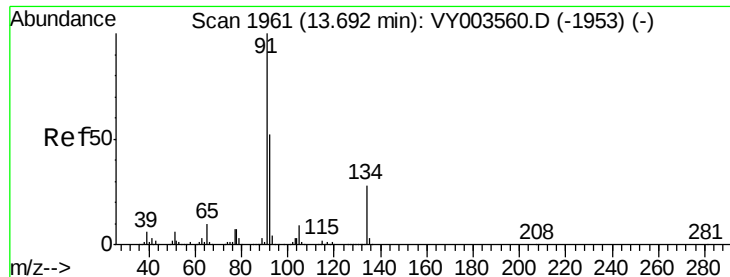
111 36.8 17.8 53.4

148 64.4 31.1 93.2



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





#89

n-Butylbenzene

Concen: 20.104 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

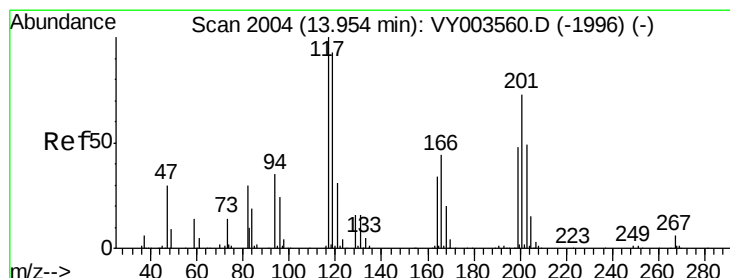
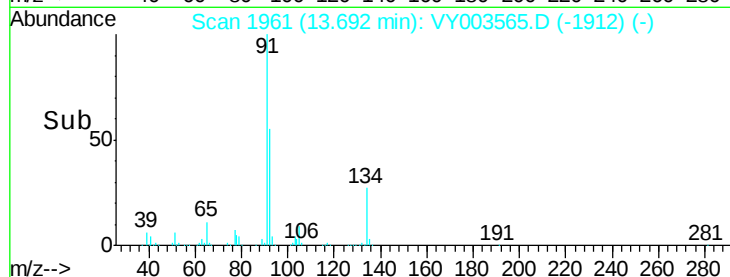
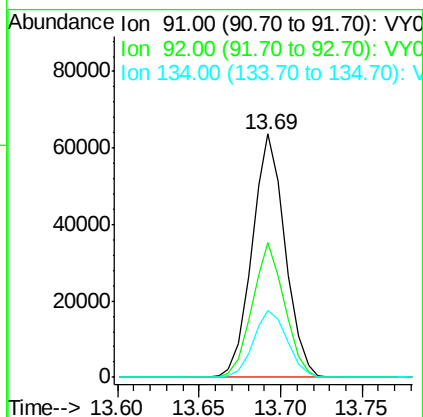
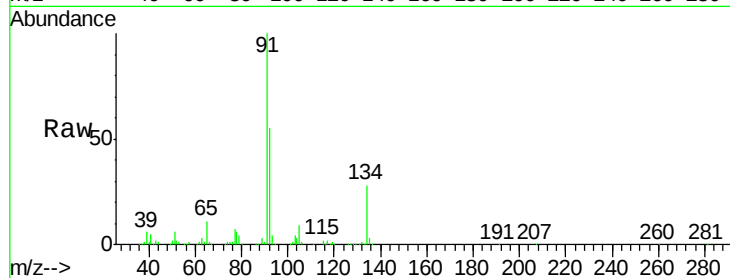
Tot Ion: 91 Resp: 89434

Ion Ratio Lower Upper

91 100

92 54.1 26.4 79.0

134 28.1 13.9 41.7



#90

Hexachloroethane

Concen: 20.480 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY003565.D

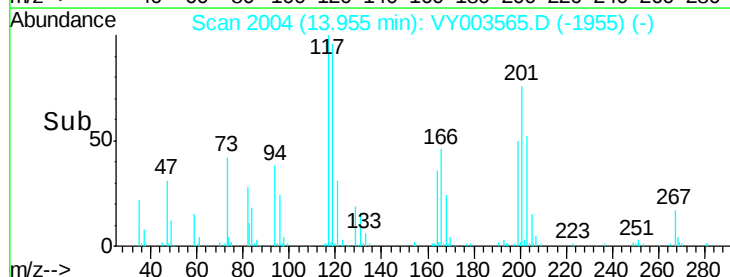
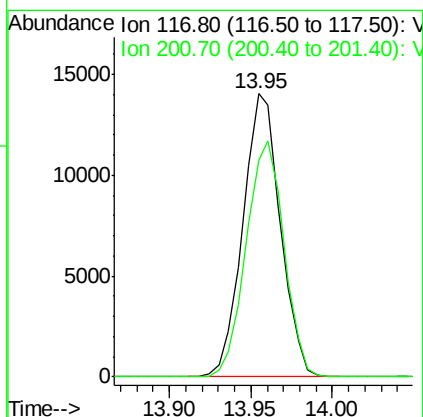
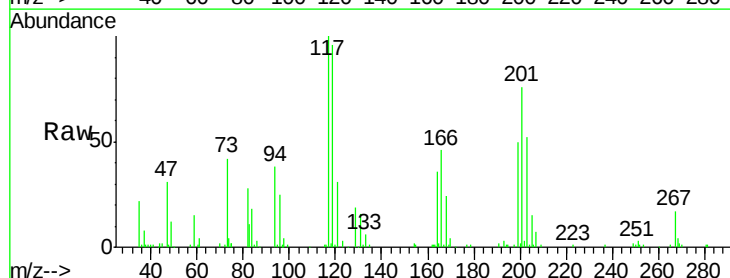
Acq: 20 Nov 2020 14:20

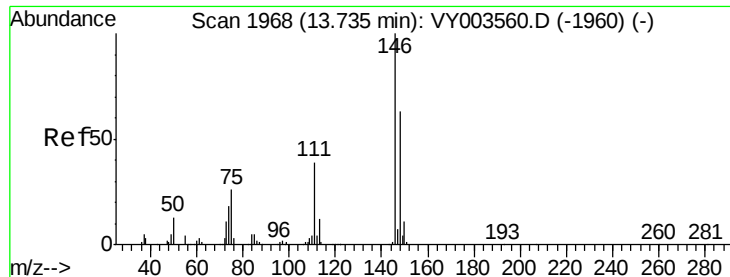
Tgt Ion: 117 Resp: 22514

Ion Ratio Lower Upper

117 100

201 83.5 41.3 123.9





#91

1,2-Dichlorobenzene

Concen: 20.308 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

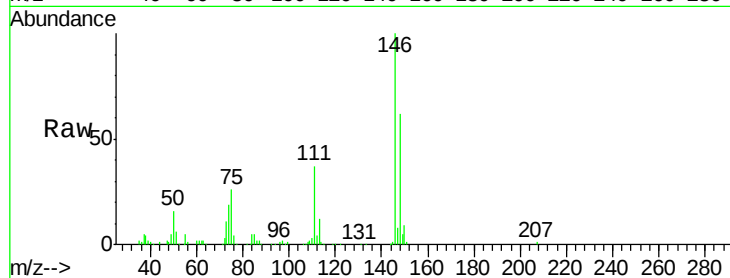
Tot Ion:146 Resp: 58414

Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.5

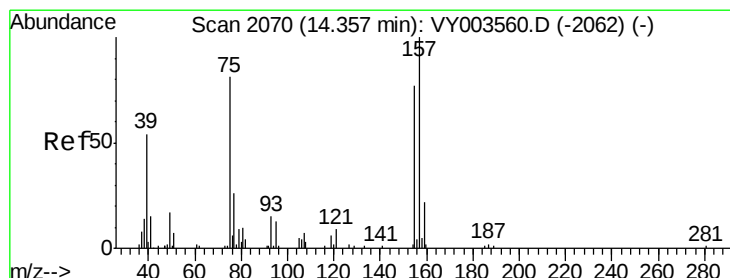
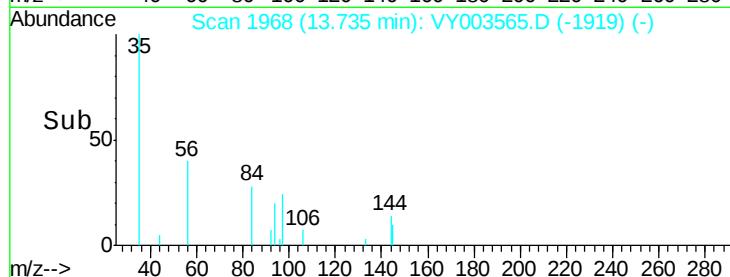
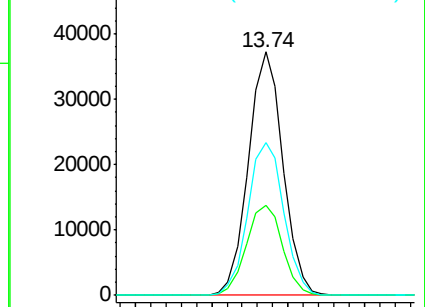
148 65.4 31.9 95.7



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: 21.342 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

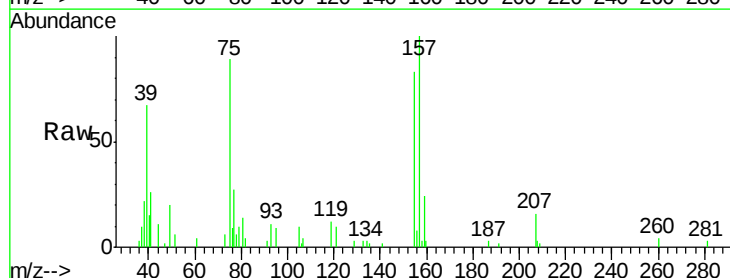
Tgt Ion: 75 Resp: 4162

Ion Ratio Lower Upper

75 100

155 91.8 45.4 136.2

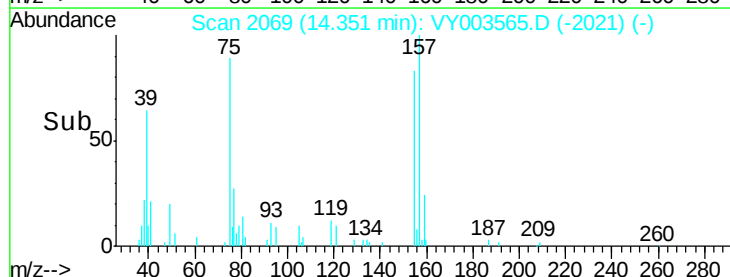
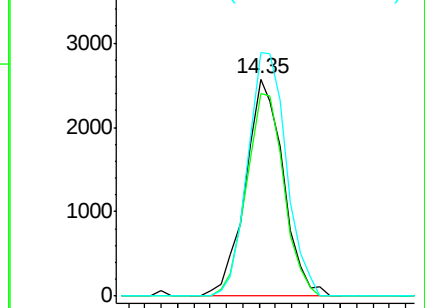
157 114.2 59.7 179.1

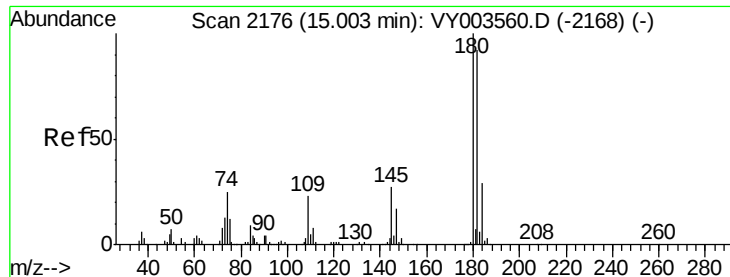


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

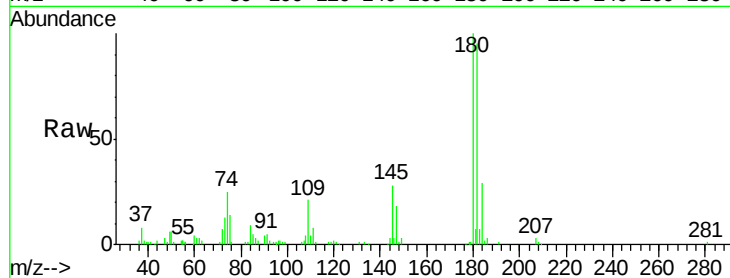




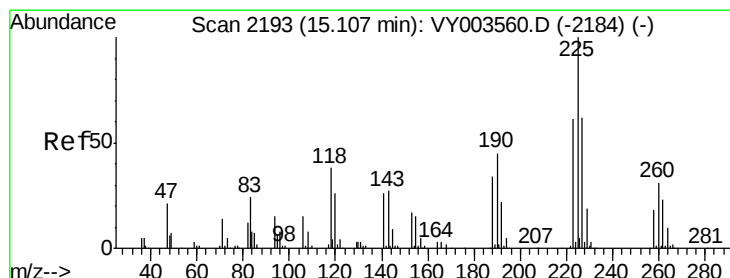
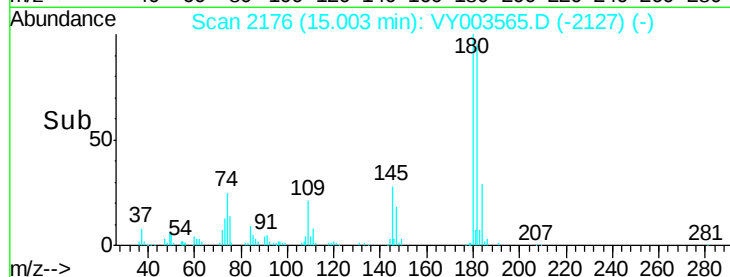
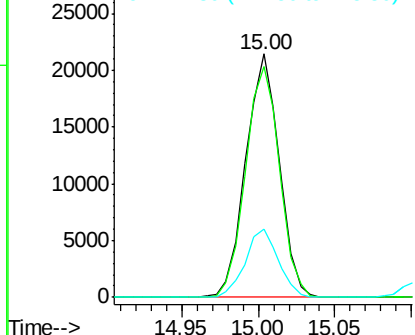
#93
 1,2,4-Trichlorobenzene
 Concen: 20.193 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 32574
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.4 142.3
 145 27.7 14.1 42.4

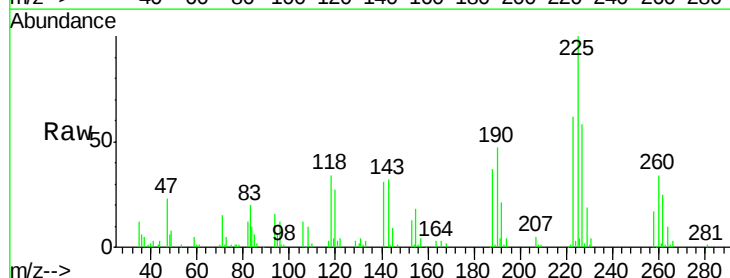


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

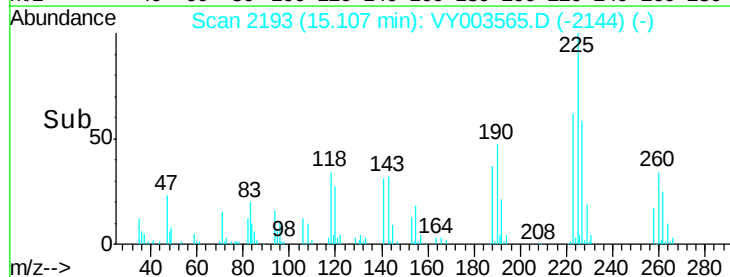
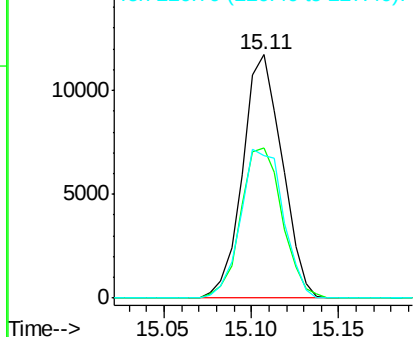


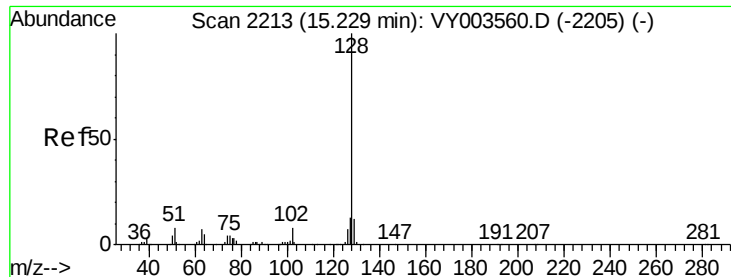
#94
 Hexachlorobutadiene
 Concen: 18.751 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion:225 Resp: 18418
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.0 96.0
 227 65.8 31.6 94.7



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

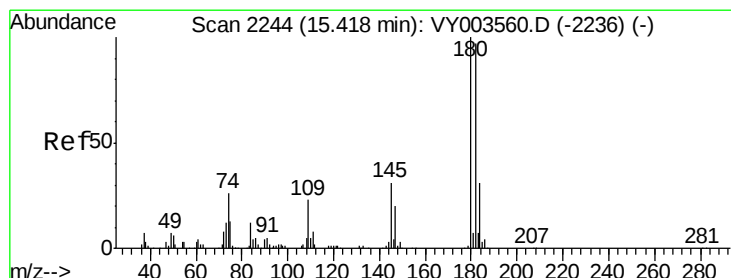
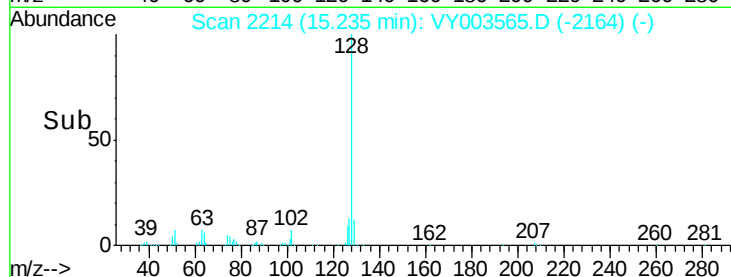
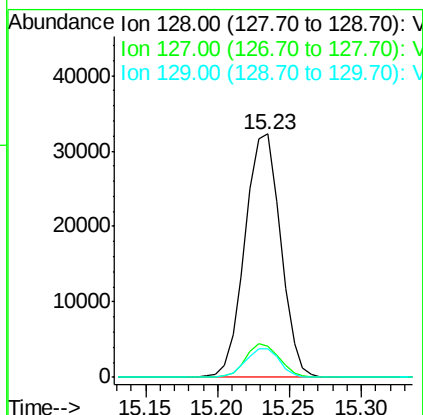
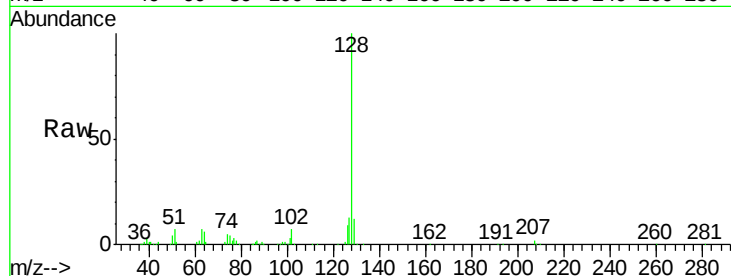




#95
Naphthalene
Concen: 20.097 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 55323
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 20.453 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion:180 Resp: 24254
Ion Ratio Lower Upper
180 100
182 92.7 47.4 142.2
145 29.7 15.5 46.5

