

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003407.D
 Acq On : 03 Aug 2020 11:16
 Operator : SY/MD
 Sample : VY0803SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Quant Time: Aug 04 01:29:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	475884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	706649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	644352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	347294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	234427	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.72	113	216782	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.18	98	841466	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.48	95	287019	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	87296	22.402	ug/l	98
3) Chloromethane	2.12	50	113260	21.222	ug/l	100
4) Vinyl Chloride	2.26	62	114977	21.461	ug/l	97
5) Bromomethane	2.64	94	93626	23.657	ug/l	97
6) Chloroethane	2.79	64	72323	21.521	ug/l	96
7) Trichlorofluoromethane	3.13	101	154324	21.332	ug/l	97
8) Diethyl Ether	3.54	74	53829	21.368	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	92898	21.498	ug/l	100
10) Methyl Iodide	4.10	142	84694	16.883	ug/l	97
11) Tert butyl alcohol	4.96	59	54558	118.803	ug/l	99
12) 1,1-Dichloroethene	3.88	96	90957	21.698	ug/l	97
13) Acrolein	3.73	56	50300	105.622	ug/l	100
14) Allyl chloride	4.48	41	147633	21.027	ug/l	99
15) Acrylonitrile	5.17	53	136419	109.146	ug/l	99
16) Acetone	3.95	43	115742	103.529	ug/l	96
17) Carbon Disulfide	4.20	76	291187	21.308	ug/l	98
18) Methyl Acetate	4.48	43	63627	21.572	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	242678	20.942	ug/l	98
20) Methylene Chloride	4.72	84	127373	16.804	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	98983	20.888	ug/l	97
22) Diisopropyl ether	6.13	45	314619	21.329	ug/l	98
23) Vinyl Acetate	6.07	43	1040995	107.723	ug/l	97
24) 1,1-Dichloroethane	6.02	63	172887	20.915	ug/l	98
25) 2-Butanone	6.99	43	179840	105.559	ug/l	99
26) 2,2-Dichloropropane	6.98	77	159770	21.661	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	110940	21.305	ug/l	98
28) Bromochloromethane	7.34	49	72504	22.548	ug/l	99
29) Tetrahydrofuran	7.35	42	122659	110.348	ug/l	100
30) Chloroform	7.51	83	171090	20.867	ug/l	96
31) Cyclohexane	7.78	56	164647	20.528	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	157283	21.025	ug/l	100
36) 1,1-Dichloropropene	7.92	75	136400	20.398	ug/l	98
37) Ethyl Acetate	7.08	43	83148	21.867	ug/l	100
38) Carbon Tetrachloride	7.90	117	143478	20.851	ug/l	97

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Quant Time: Aug 04 01:29:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	170991	20.957	ug/l	99
40) Benzene	8.16	78	388952	20.963	ug/l	98
41) Methacrylonitrile	7.35	41	113776	52.195	ug/l #	48
42) 1,2-Dichloroethane	8.24	62	118313	20.937	ug/l	100
43) Isopropyl Acetate	8.27	43	151550	21.117	ug/l	98
44) Trichloroethene	8.94	130	108381	20.311	ug/l	99
45) 1,2-Dichloropropane	9.22	63	101715	20.934	ug/l	98
46) Dibromomethane	9.31	93	57660	21.151	ug/l	98
47) Bromodichloromethane	9.50	83	138617	21.102	ug/l	99
48) Methyl methacrylate	9.29	41	69856	21.564	ug/l	98
49) 1,4-Dioxane	9.30	88	14587	413.427	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	401029	106.628	ug/l	100
52) Toluene	10.24	92	237772	20.433	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	145669	20.893	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	164346	20.800	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	80347	21.013	ug/l	95
56) Ethyl methacrylate	10.51	69	110463	20.867	ug/l	98
57) 1,3-Dichloropropane	10.79	76	140589	21.156	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	272759	111.241	ug/l	99
59) 2-Hexanone	10.83	43	280021	106.833	ug/l	100
60) Dibromochloromethane	10.98	129	99913	20.807	ug/l	97
61) 1,2-Dibromoethane	11.09	107	76270	20.589	ug/l	99
64) Tetrachloroethene	10.72	164	112046	20.800	ug/l	97
65) Chlorobenzene	11.52	112	261358	20.670	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	103876	21.121	ug/l	98
67) Ethyl Benzene	11.59	91	474559	20.815	ug/l	100
68) m/p-Xylenes	11.70	106	359088	41.778	ug/l	100
69) o-Xylene	12.03	106	167796	20.854	ug/l	97
70) Styrene	12.04	104	288145	20.930	ug/l	99
71) Bromoform	12.20	173	66451	20.792	ug/l	98
73) Isopropylbenzene	12.33	105	457966	20.403	ug/l	99
74) N-amyl acetate	12.14	43	139086	21.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	92309	20.762	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	127737	40.943	ug/l #	100
77) Bromobenzene	12.61	156	118723	20.817	ug/l	99
78) n-propylbenzene	12.67	91	554517	20.642	ug/l	100
79) 2-Chlorotoluene	12.75	91	308464	20.695	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	397601	21.098	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	35308	21.403	ug/l	97
82) 4-Chlorotoluene	12.85	91	321584	20.763	ug/l	100
83) tert-Butylbenzene	13.07	119	346202	21.160	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	390356	20.609	ug/l	99
85) sec-Butylbenzene	13.25	105	477940	21.001	ug/l	99
86) p-Isopropyltoluene	13.37	119	440786	20.708	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	222418	20.417	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	223091	20.771	ug/l	98
89) n-Butylbenzene	13.69	91	418434	20.802	ug/l	99
90) Hexachloroethane	13.96	117	85833	21.050	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	199623	20.759	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15725	21.954	ug/l	95

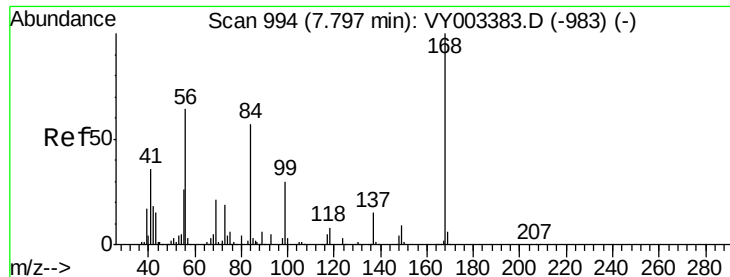
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
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Quant Time: Aug 04 01:29:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	142739	20.946	ug/l	99
94) Hexachlorobutadiene	15.11	225	96724	21.432	ug/l	98
95) Naphthalene	15.23	128	239140	20.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113882	20.656	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: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

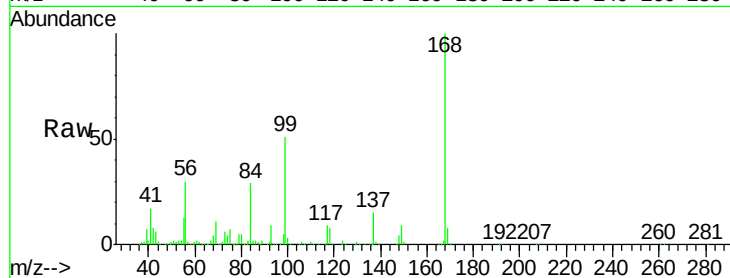
VY0803SBS01

Tot Ion:168 Resp: 475884

Ion Ratio Lower Upper

168 100

99 50.9 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.79

250000

200000

150000

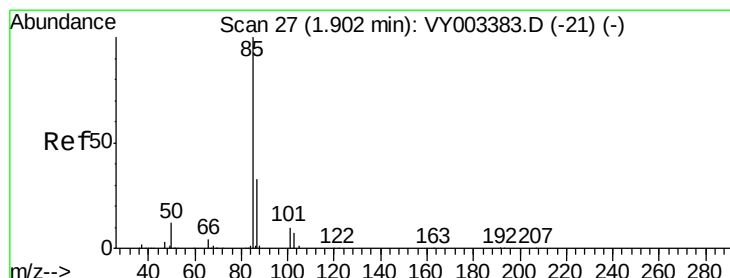
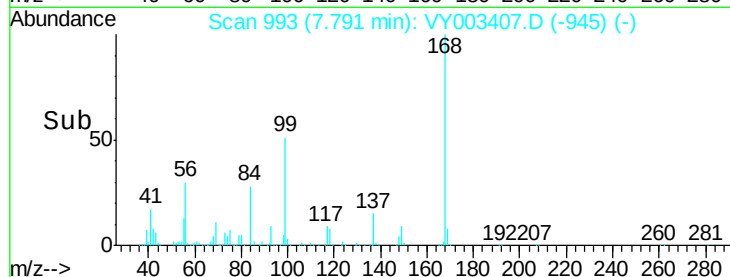
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.402 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003407.D

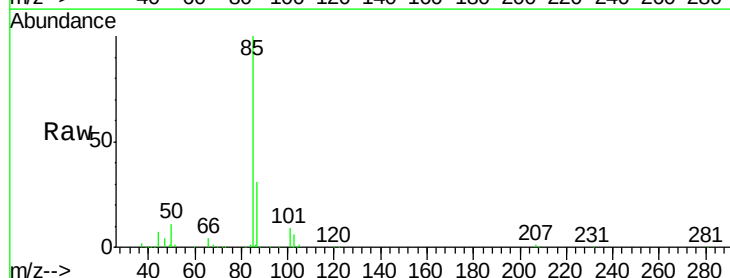
Acq: 03 Aug 2020 11:16

Tgt Ion: 85 Resp: 87296

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003383.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003383.D (-21) (-)

1.90

60000

50000

40000

30000

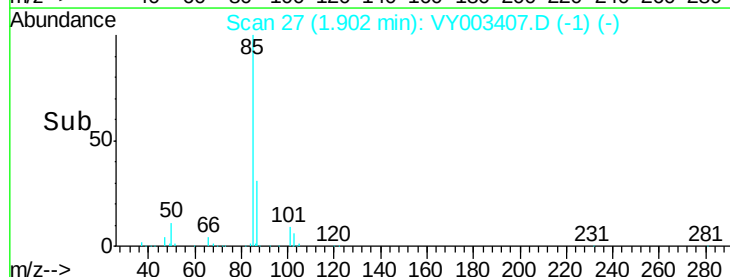
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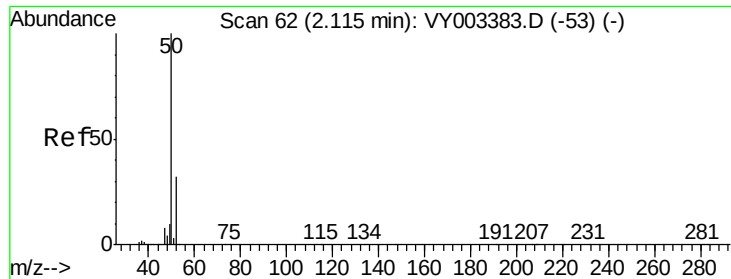
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.222 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

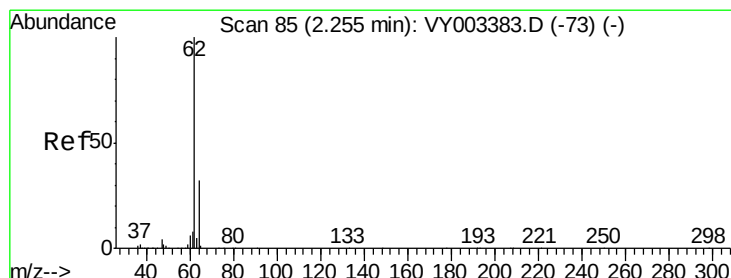
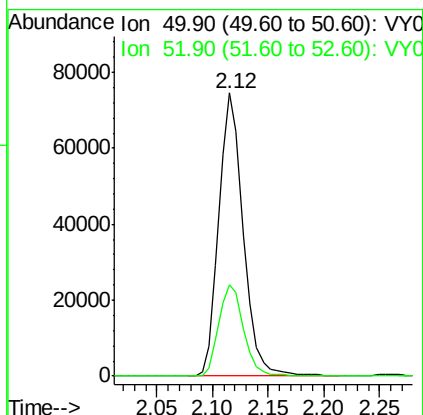
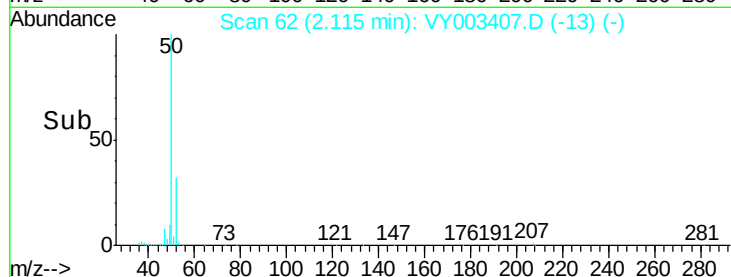
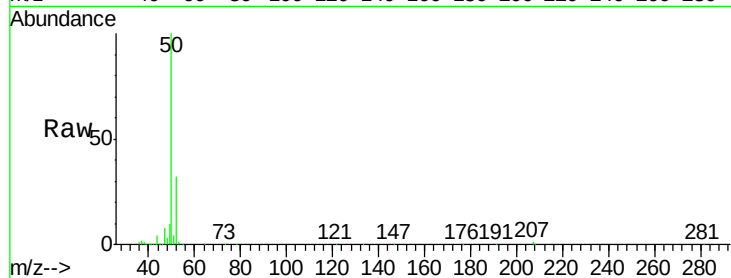
VY0803SBS01

Tot Ion: 50 Resp: 113260

Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9



#4

Vinyl Chloride

Concen: 21.461 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003407.D

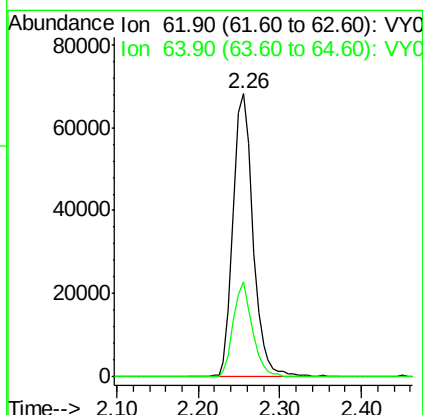
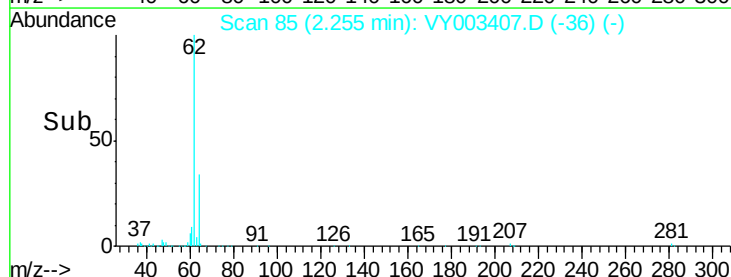
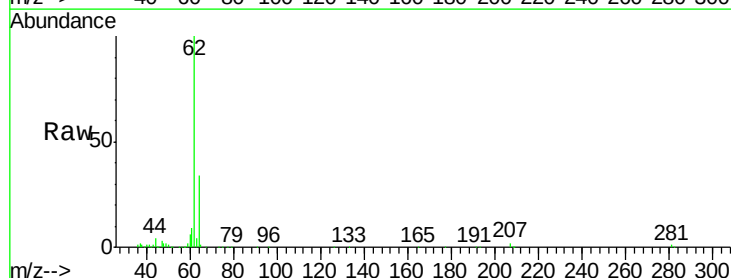
Acq: 03 Aug 2020 11:16

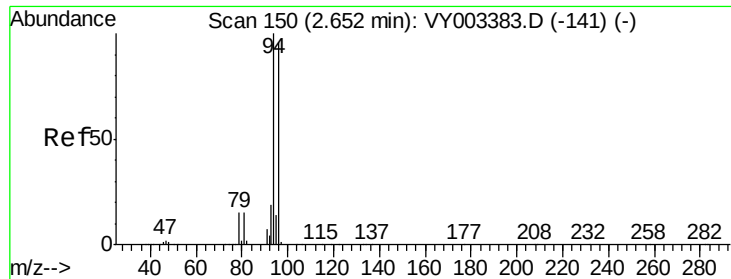
Tgt Ion: 62 Resp: 114977

Ion Ratio Lower Upper

62 100

64 33.5 25.7 38.5





#5

Bromomethane

Concen: 23.657 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

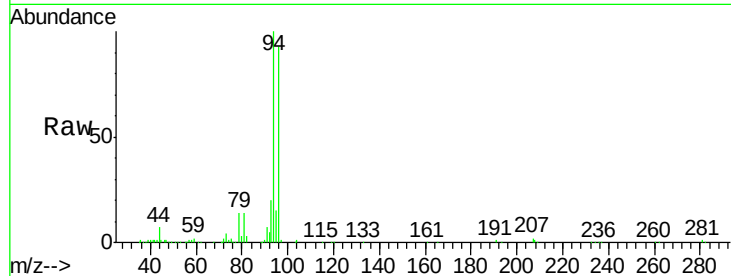
VY0803SBS01

Tot Ion: 94 Resp: 93626

Ion Ratio Lower Upper

94 100

96 92.7 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

40000

30000

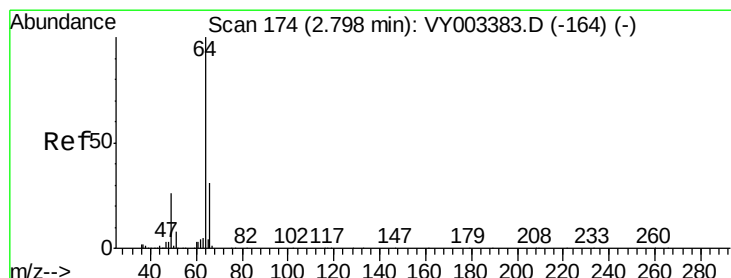
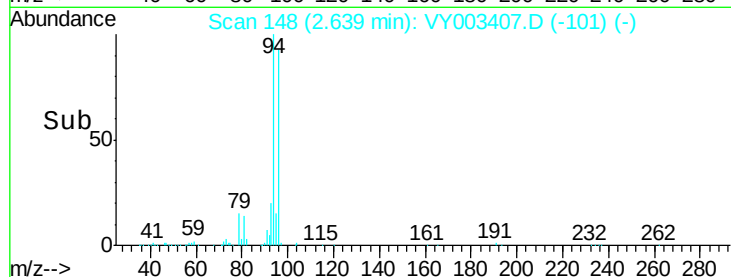
20000

10000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 21.521 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003407.D

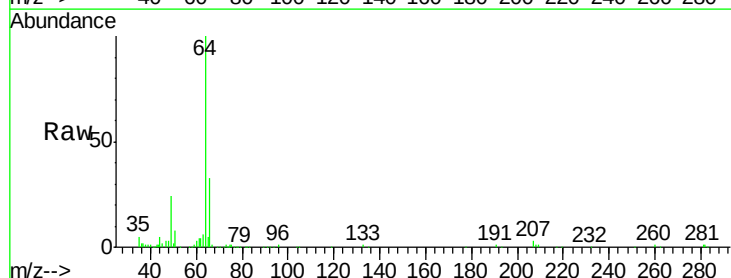
Acq: 03 Aug 2020 11:16

Tgt Ion: 64 Resp: 72323

Ion Ratio Lower Upper

64 100

66 33.0 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

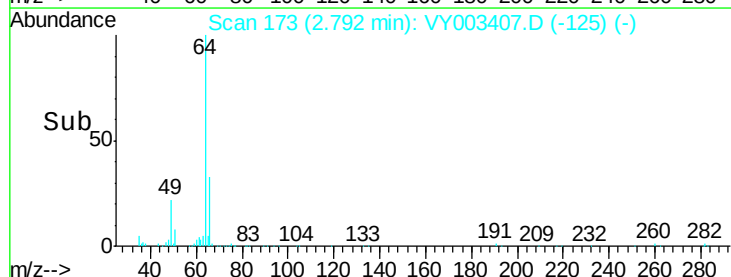
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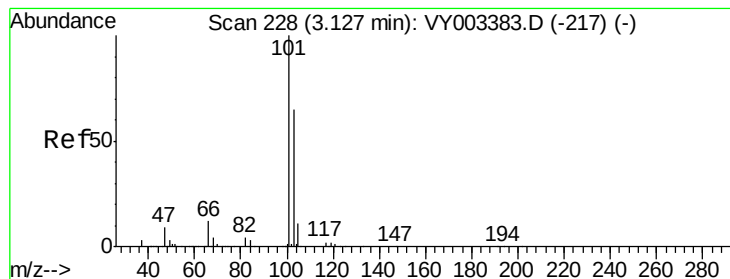
10000

0

2.70 2.80 2.90

Time-->



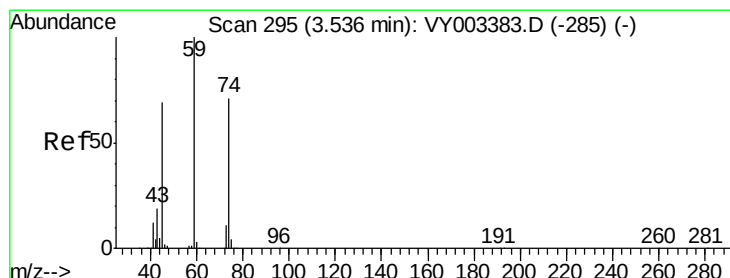
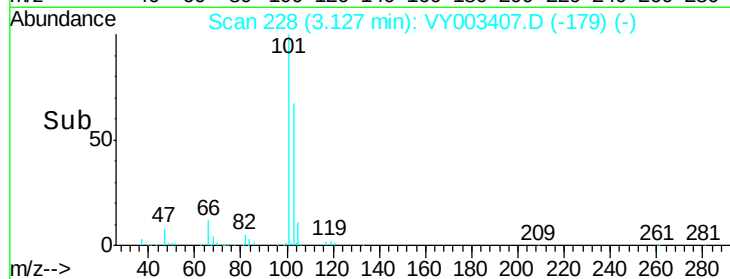
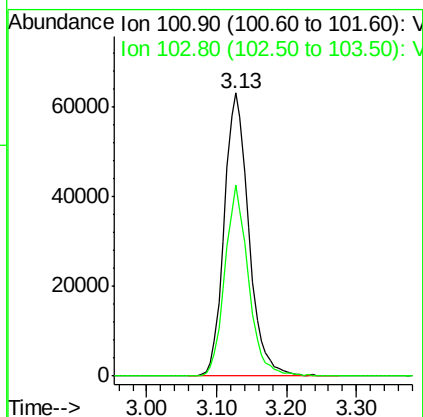
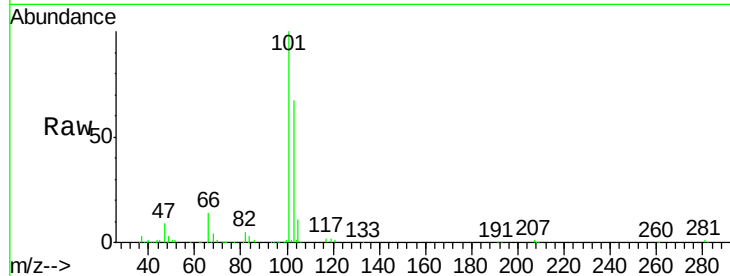


#7

Trichlorofluoromethane
Concen: 21.332 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

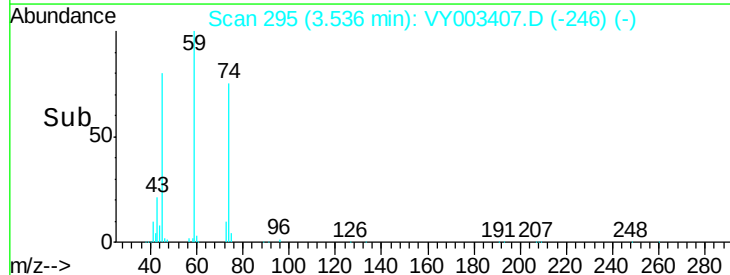
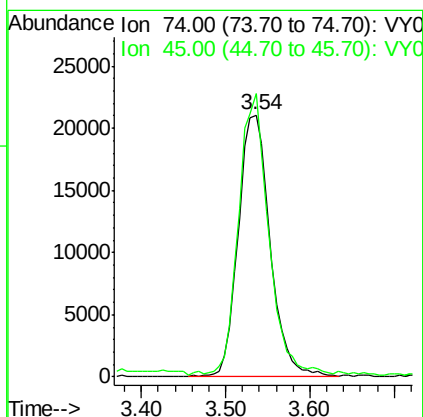
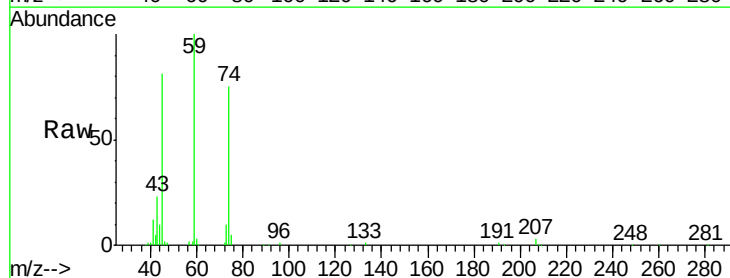
Tot Ion:101 Resp: 154324
Ion Ratio Lower Upper
101 100
103 67.4 51.8 77.6

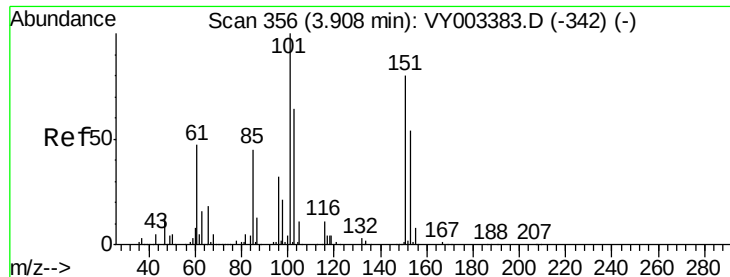


#8

Diethyl Ether
Concen: 21.368 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion: 74 Resp: 53829
Ion Ratio Lower Upper
74 100
45 98.5 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.498 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

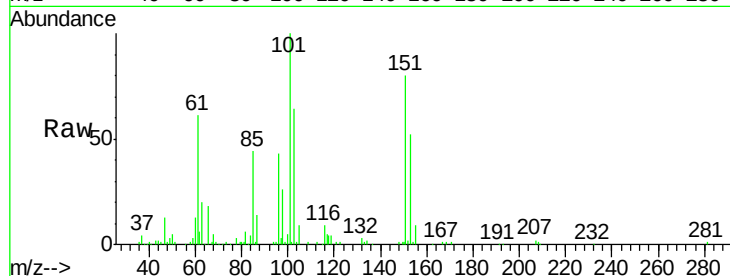
Tot Ion:101 Resp: 92898

Ion Ratio Lower Upper

101 100

85 44.2 35.7 53.5

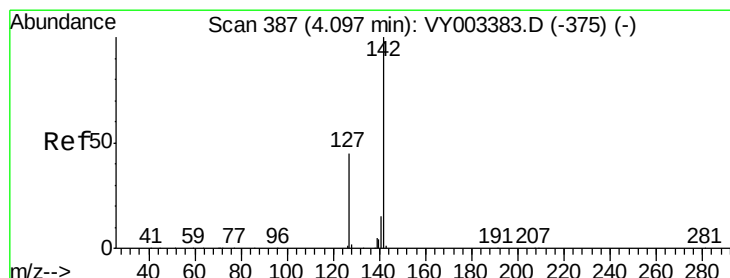
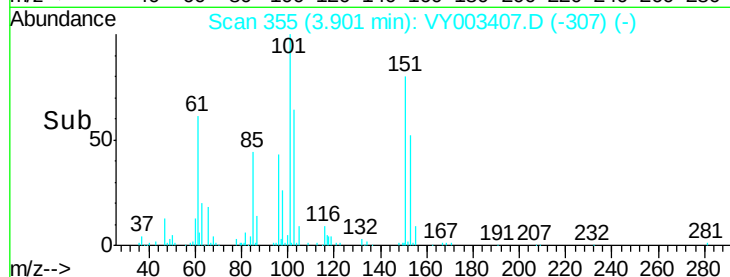
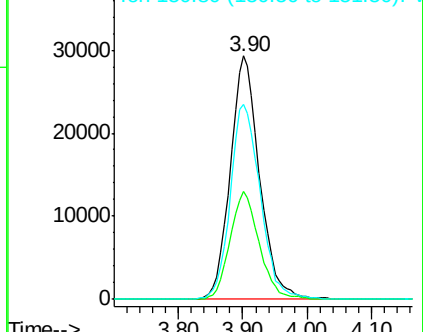
151 82.1 65.7 98.5



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: 16.883 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

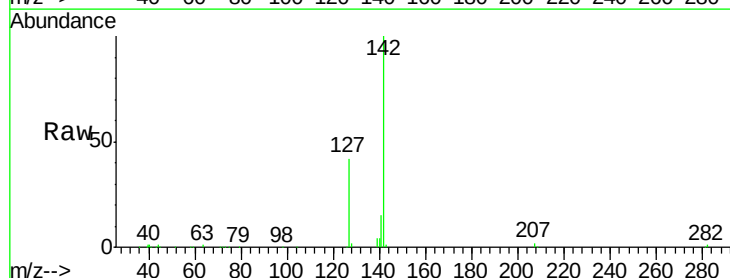
Tgt Ion:142 Resp: 84694

Ion Ratio Lower Upper

142 100

127 41.4 34.6 52.0

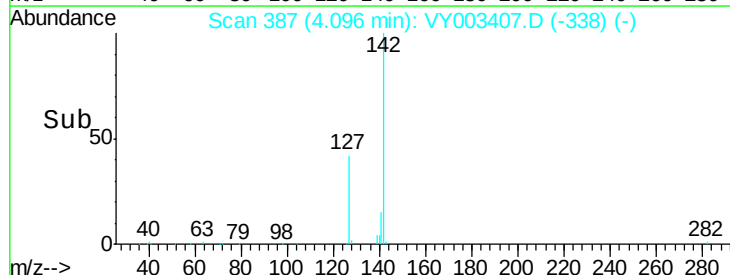
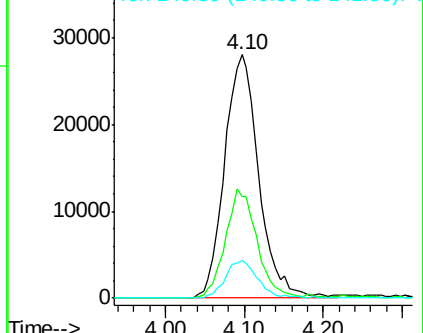
141 14.8 11.4 17.0

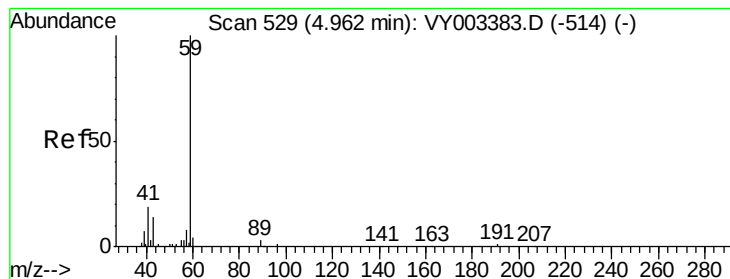


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



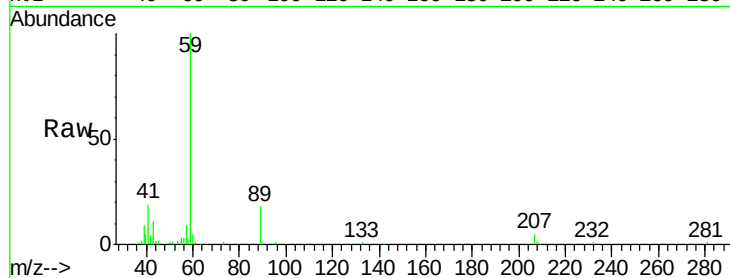


#11

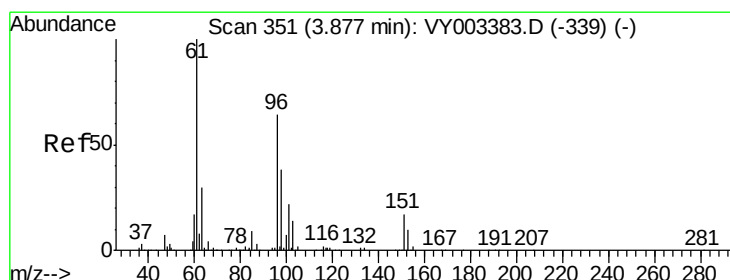
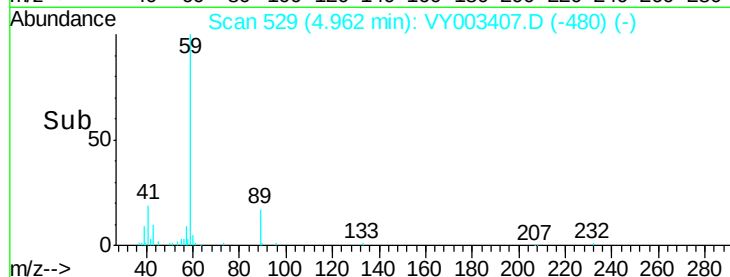
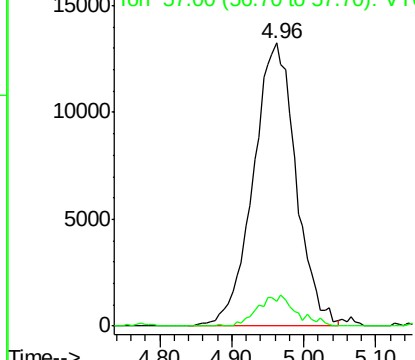
Tert butyl alcohol
 Concen: 118.803 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion: 59 Resp: 54558
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.0 12.0



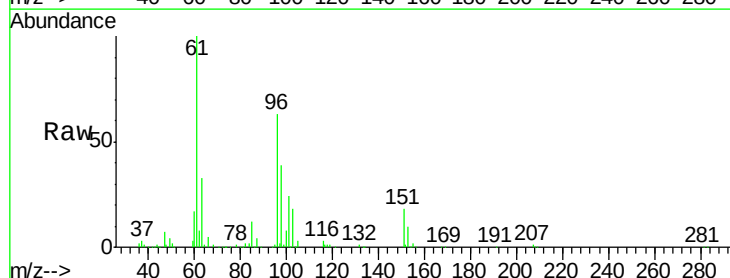
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



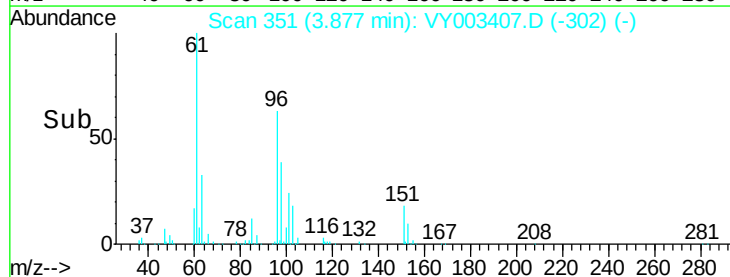
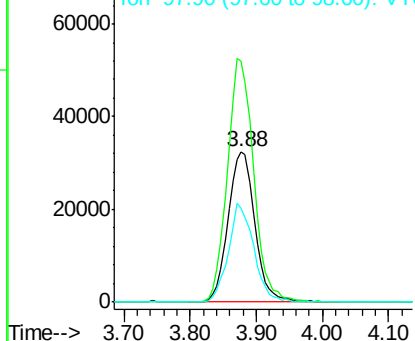
#12

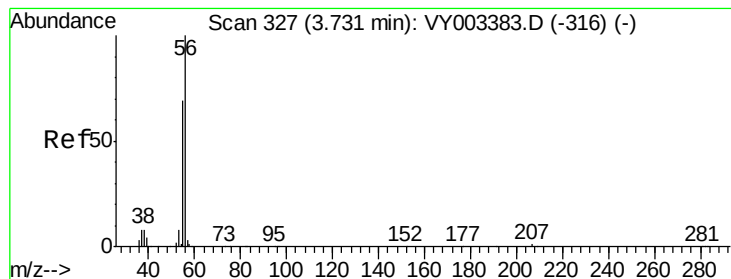
1,1-Dichloroethene
 Concen: 21.698 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion: 96 Resp: 90957
 Ion Ratio Lower Upper
 96 100
 61 159.8 124.7 187.1
 98 62.5 47.4 71.2



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





#13

Acrolein

Concen: 105.622 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

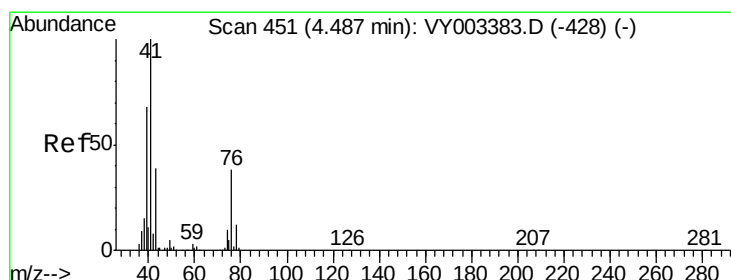
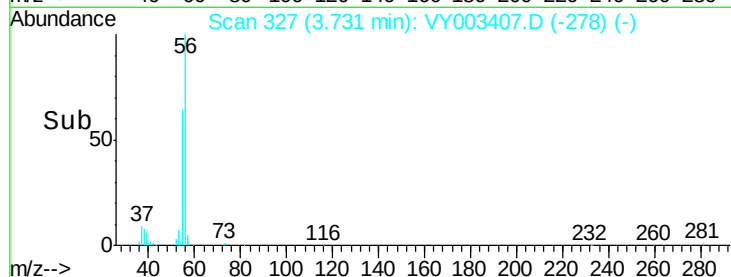
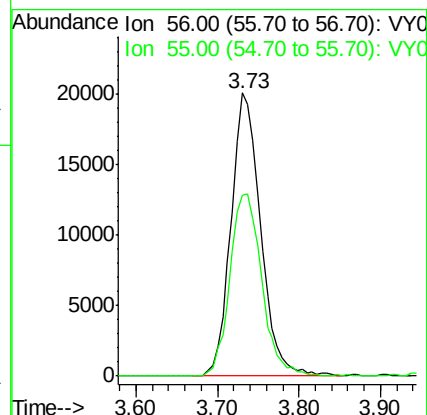
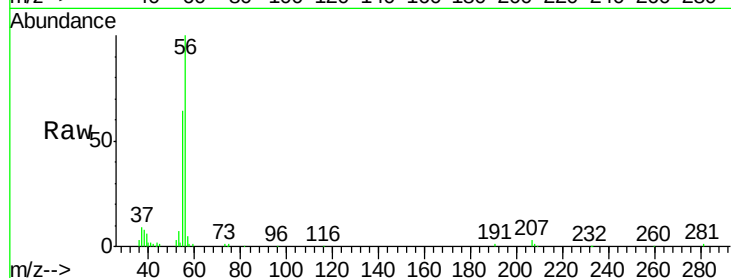
VY0803SBS01

Tot Ion: 56 Resp: 50300

Ion Ratio Lower Upper

56 100

55 69.2 55.5 83.3



#14

Allyl chloride

Concen: 21.027 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

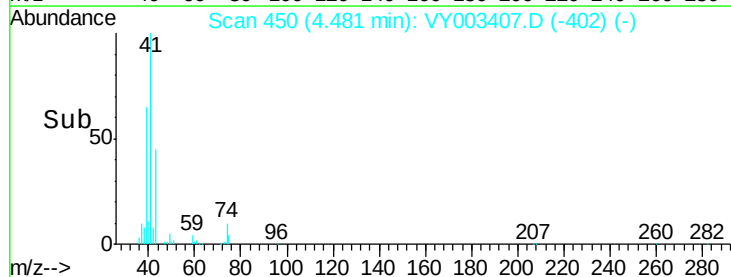
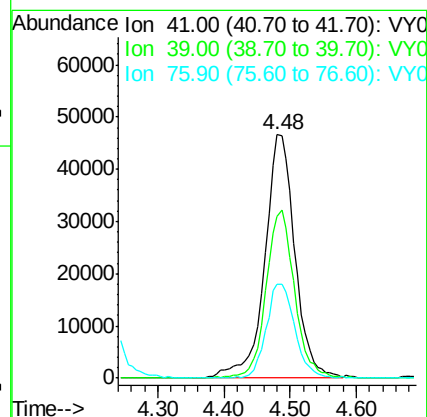
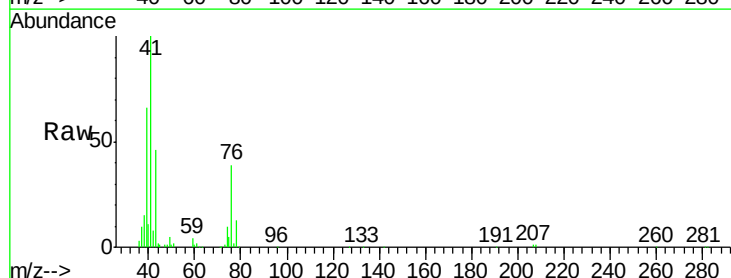
Tgt Ion: 41 Resp: 147633

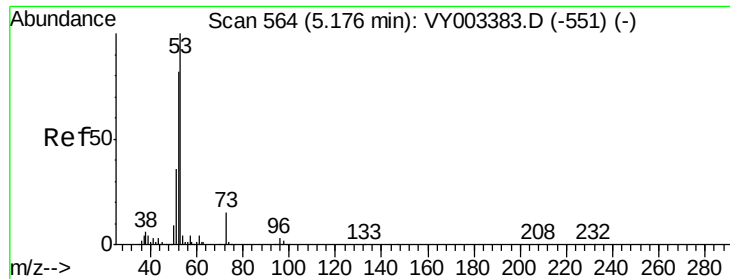
Ion Ratio Lower Upper

41 100

39 65.4 52.7 79.1

76 36.7 29.8 44.6





#15

Acrylonitrile

Concen: 109.146 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

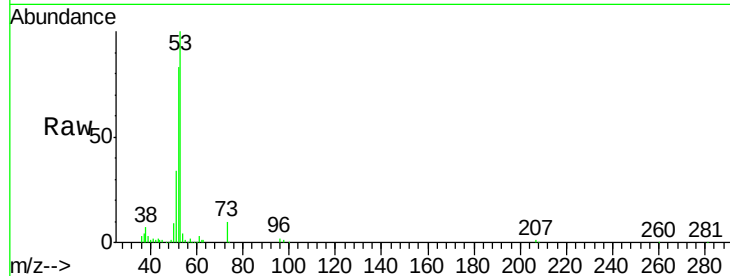
Tot Ion: 53 Resp: 136419

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.6

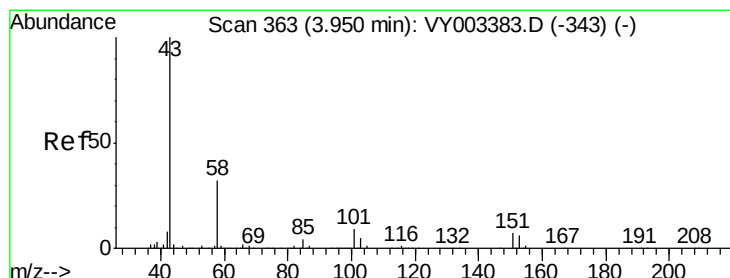
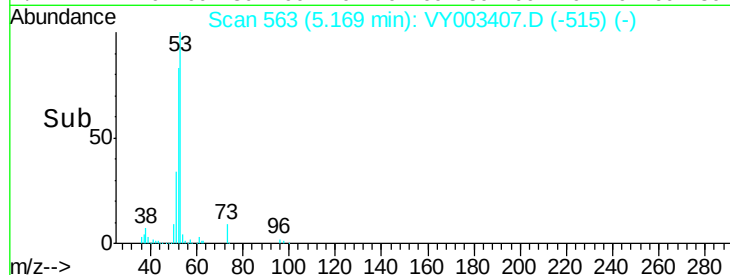
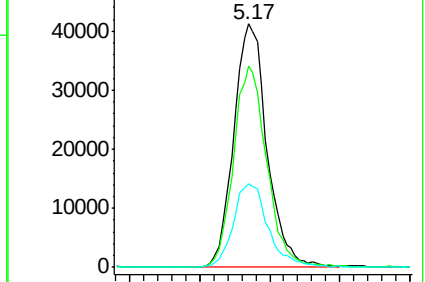
51 35.9 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 103.529 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003407.D

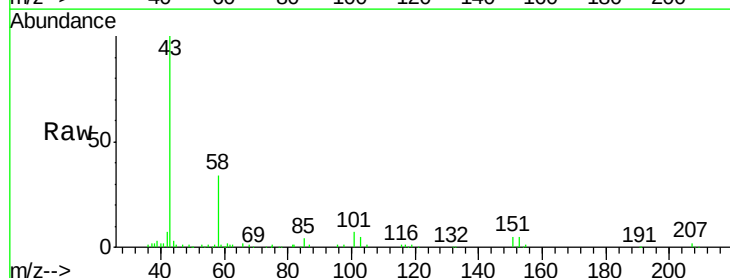
Acq: 03 Aug 2020 11:16

Tgt Ion: 43 Resp: 115742

Ion Ratio Lower Upper

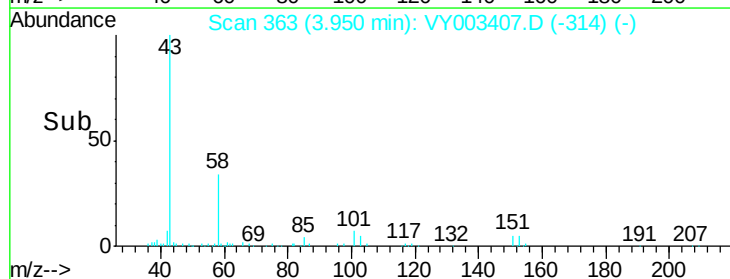
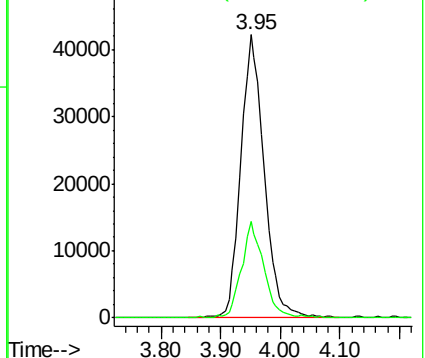
43 100

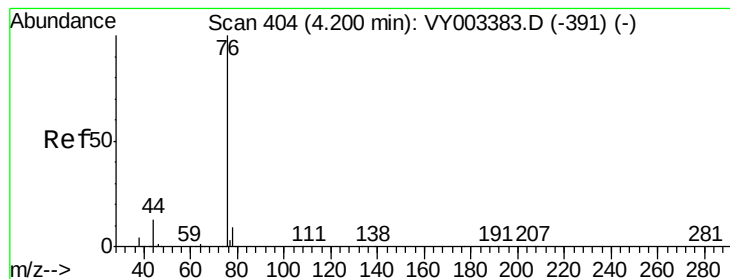
58 34.2 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.308 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

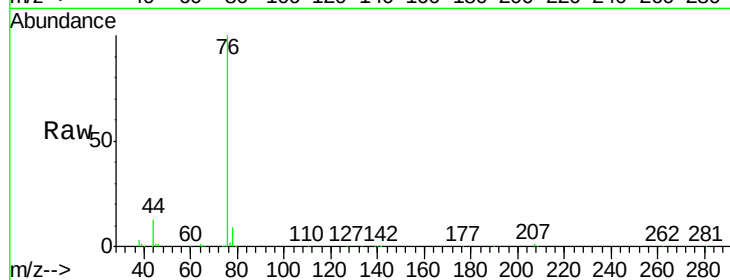
VY0803SBS01

Tot Ion: 76 Resp: 291187

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

120000

100000

80000

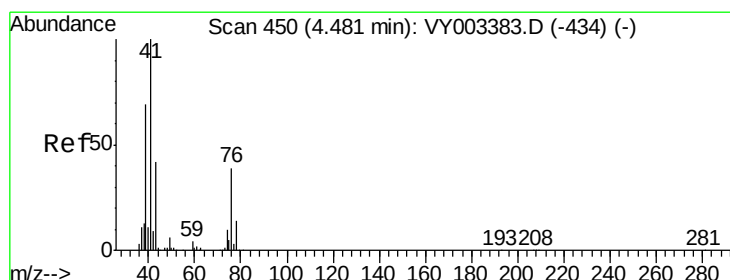
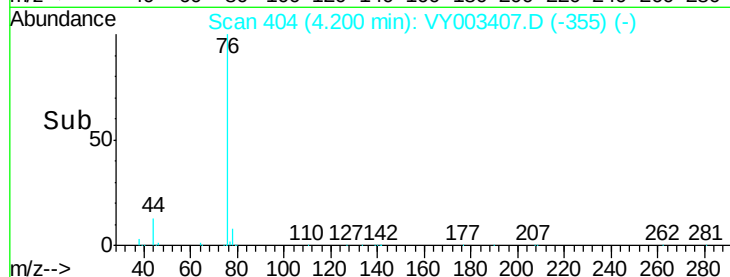
60000

40000

20000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 21.572 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003407.D

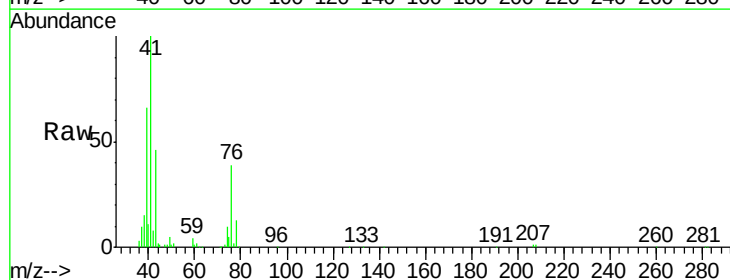
Acq: 03 Aug 2020 11:16

Tgt Ion: 43 Resp: 63627

Ion Ratio Lower Upper

43 100

74 23.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

25000

20000

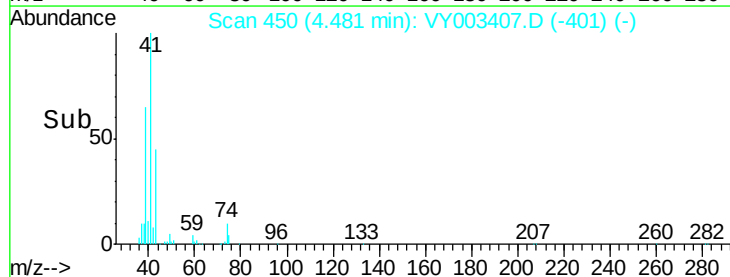
15000

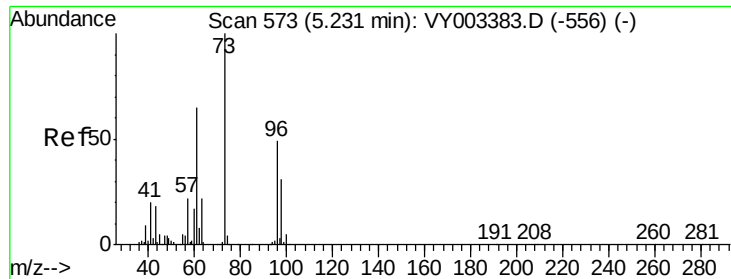
10000

5000

0

Time--> 4.40 4.50 4.60

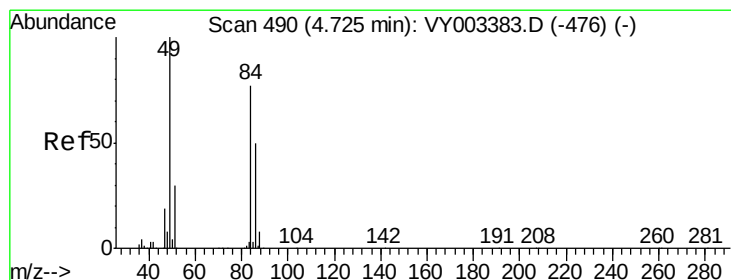
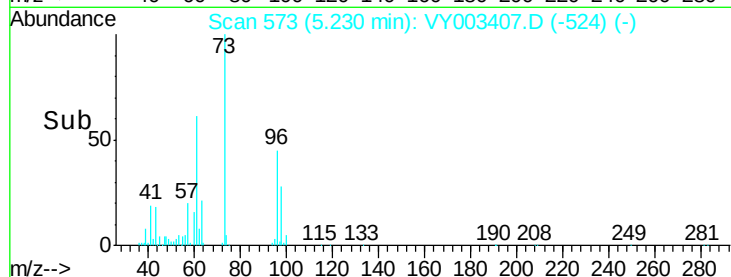
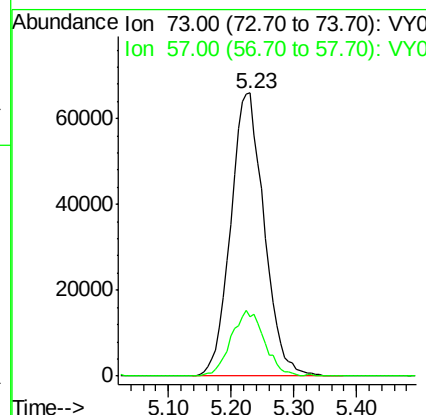
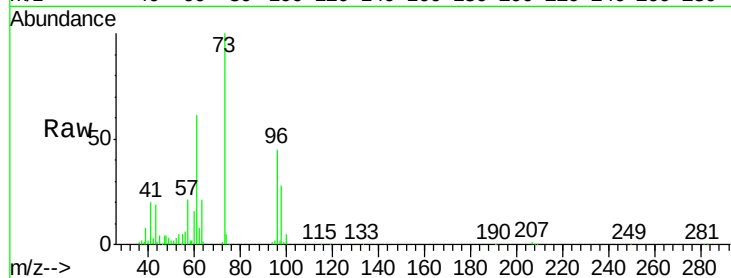




#19
Methyl tert-butyl Ether
Concen: 20.942 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

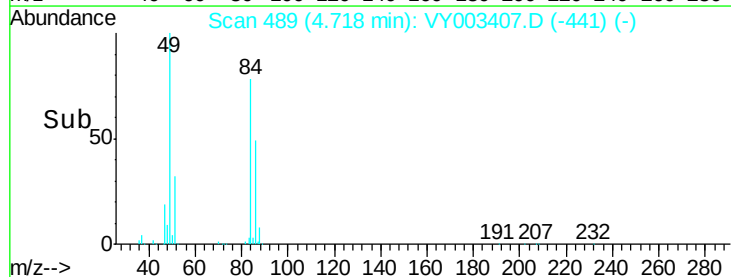
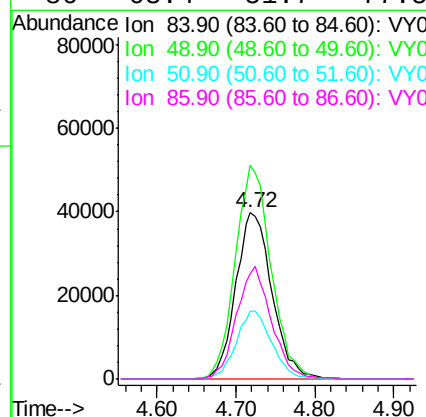
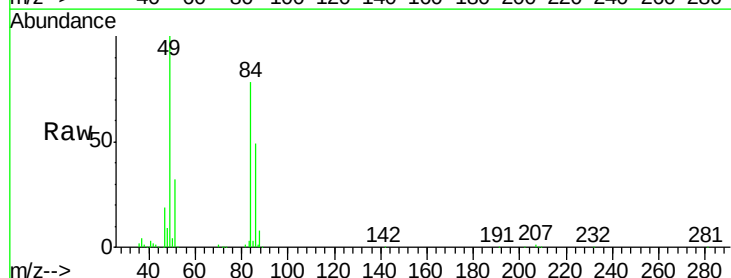
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

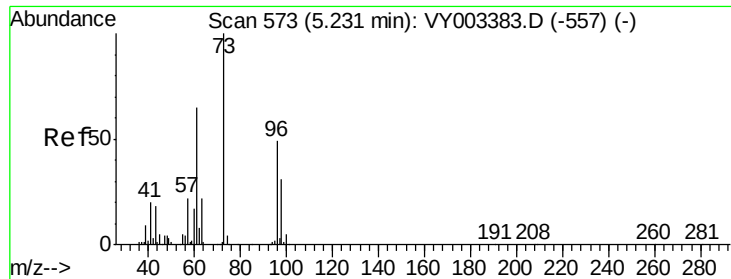
Tot Ion: 73 Resp: 242678
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8



#20
Methylene Chloride
Concen: 16.804 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion: 84 Resp: 127373
Ion Ratio Lower Upper
84 100
49 128.5 104.2 156.4
51 40.6 31.5 47.3
86 63.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.888 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

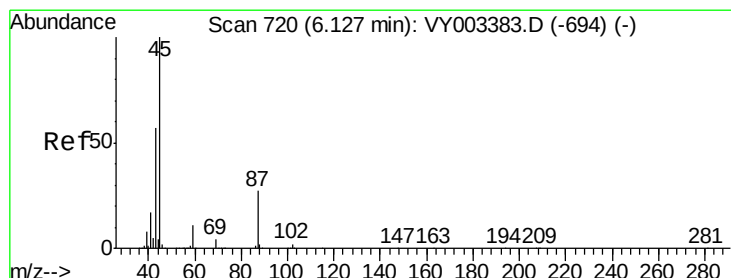
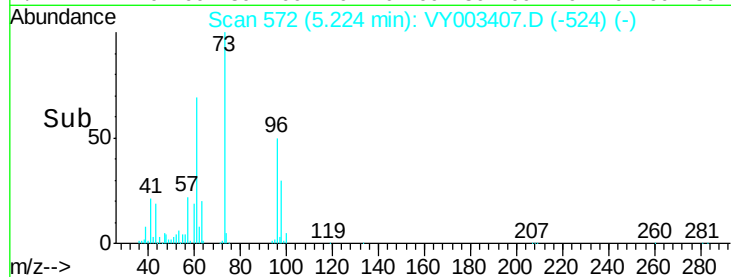
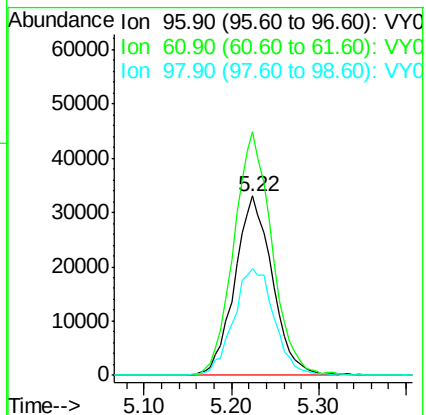
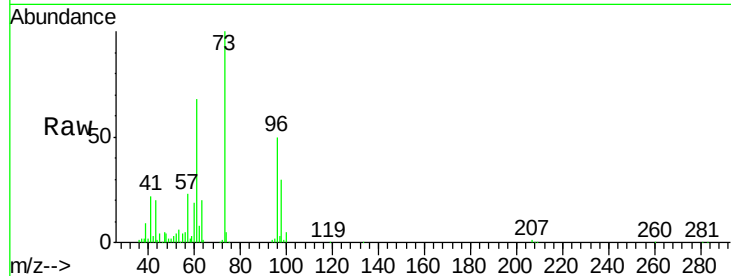
Tot Ion: 96 Resp: 98983

Ion Ratio Lower Upper

96 100

61 135.5 106.3 159.5

98 59.4 50.8 76.2



#22

Diisopropyl ether

Concen: 21.329 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Tgt Ion: 45 Resp: 314619

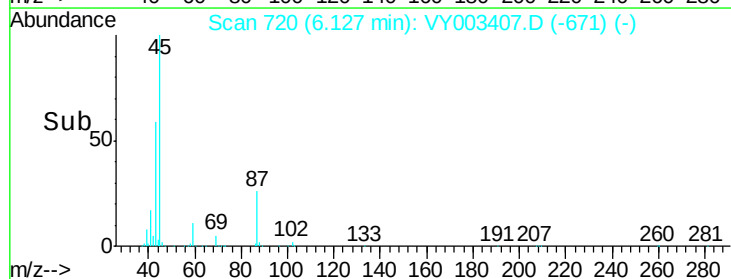
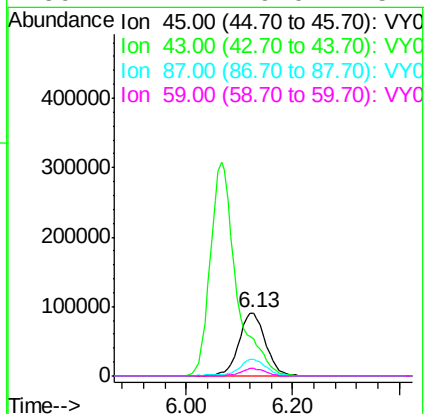
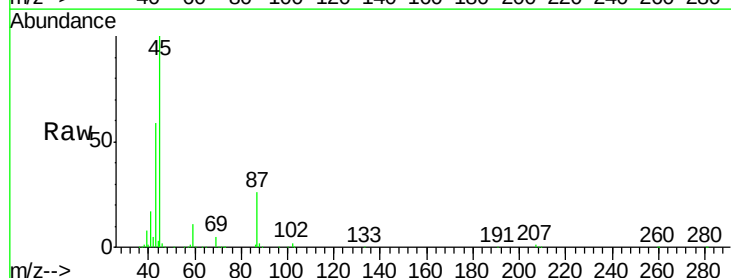
Ion Ratio Lower Upper

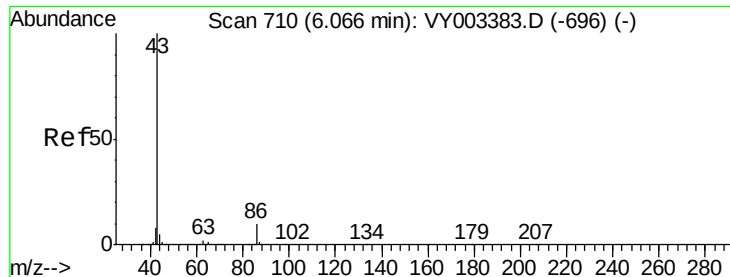
45 100

43 58.5 45.6 68.4

87 25.9 21.3 31.9

59 11.4 9.0 13.4





#23

Vinyl Acetate

Concen: 107.723 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

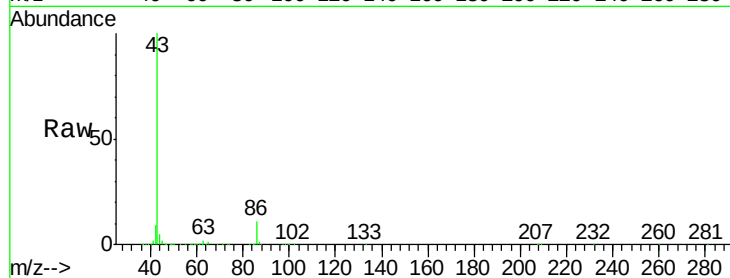
VY0803SBS01

Tot Ion: 43 Resp: 1040995

Ion Ratio Lower Upper

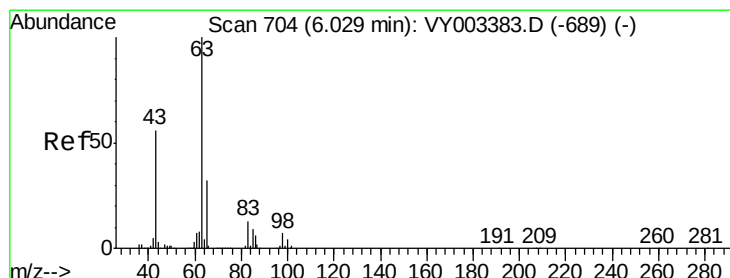
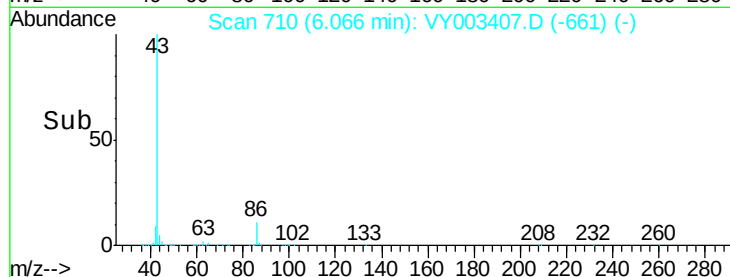
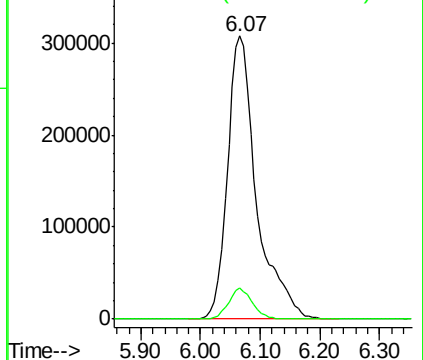
43 100

86 11.0 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: 20.915 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

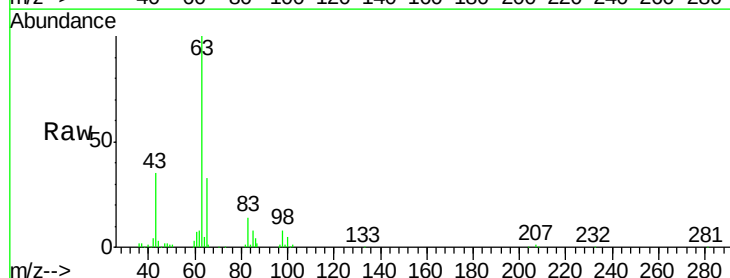
Tgt Ion: 63 Resp: 172887

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.6

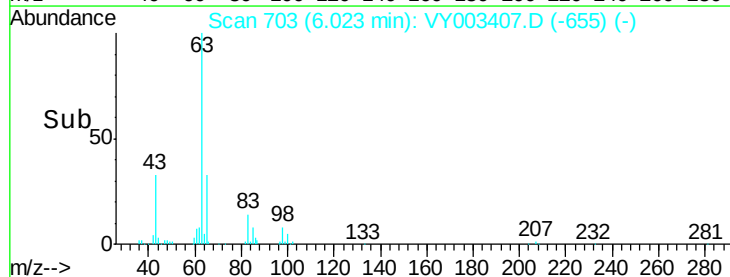
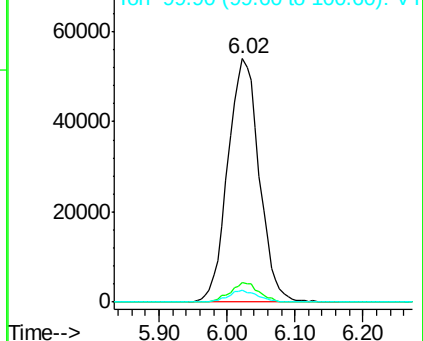
100 4.8 2.2 6.6

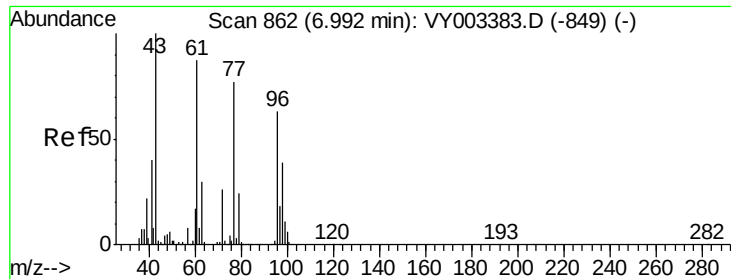


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

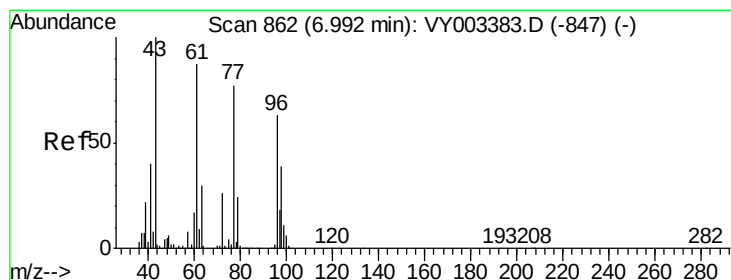
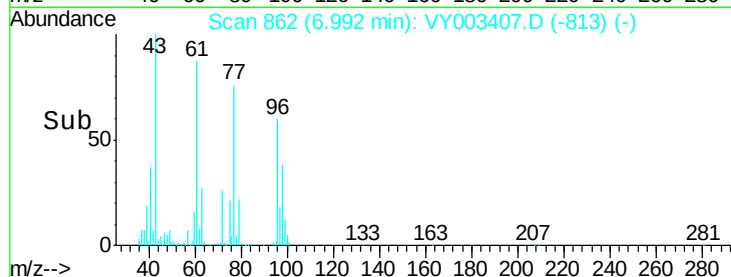
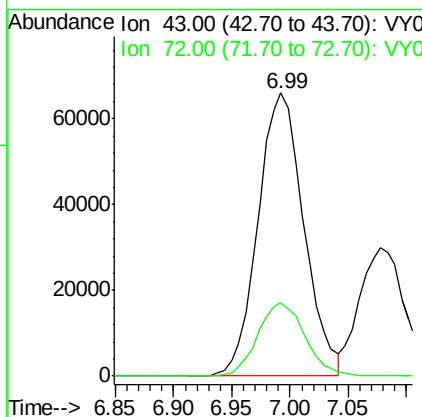
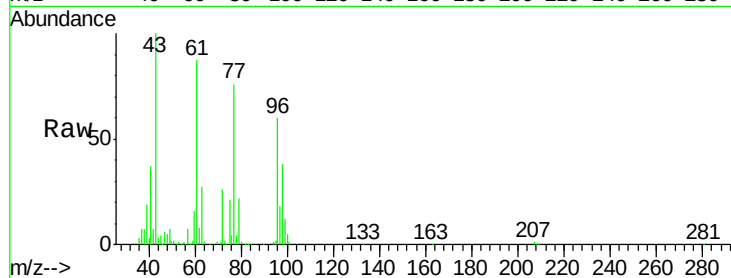




#25
 2-Butanone
 Concen: 105.559 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

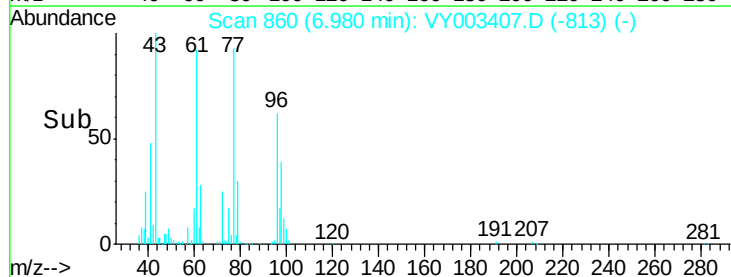
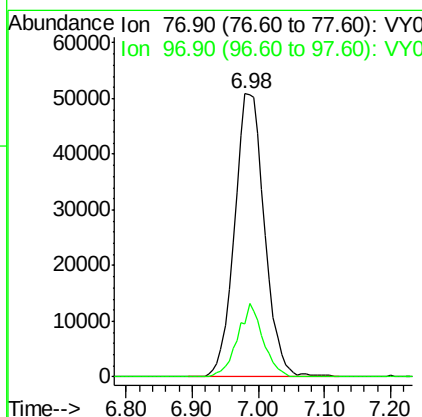
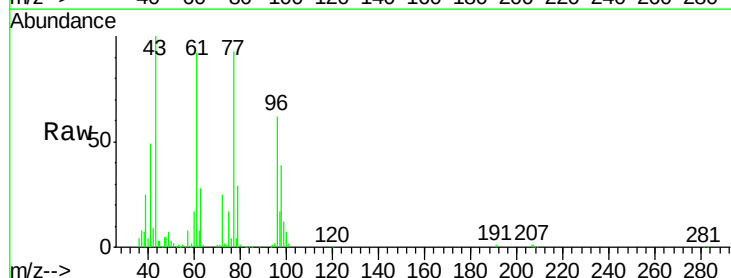
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

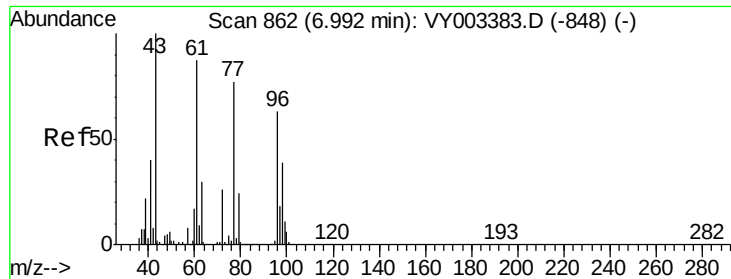
Tot Ion: 43 Resp: 179840
 Ion Ratio Lower Upper
 43 100
 72 26.0 21.1 31.7



#26
 2,2-Dichloropropane
 Concen: 21.661 ug/l
 RT: 6.98 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion: 77 Resp: 159770
 Ion Ratio Lower Upper
 77 100
 97 22.1 11.3 33.8



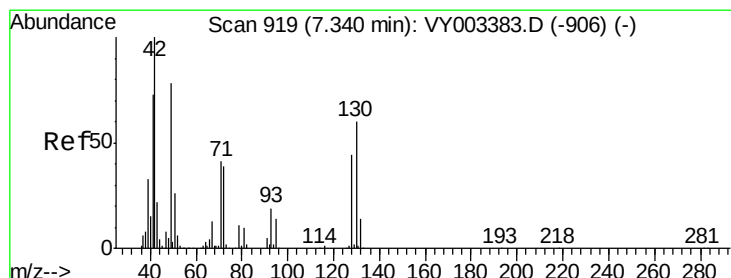
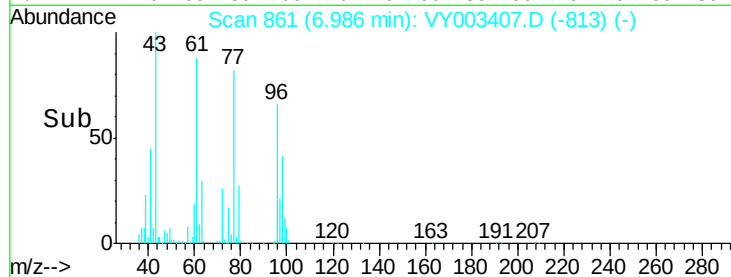
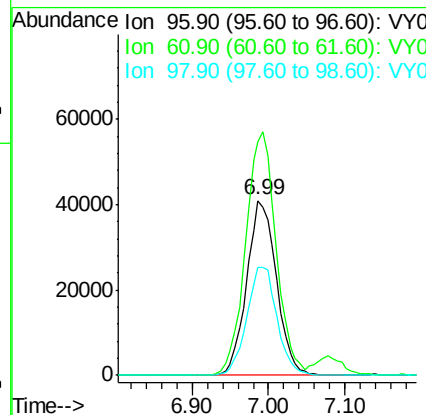
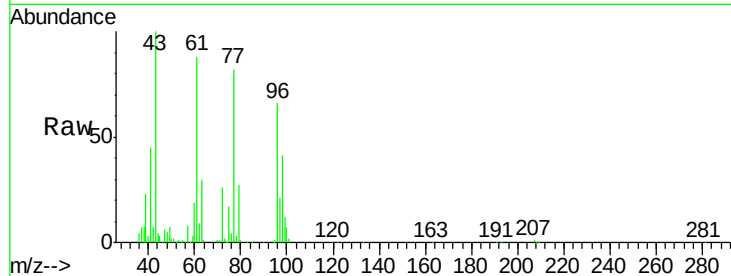


#27

cis-1,2-Dichloroethene
 Concen: 21.305 ug/l
 RT: 6.99 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

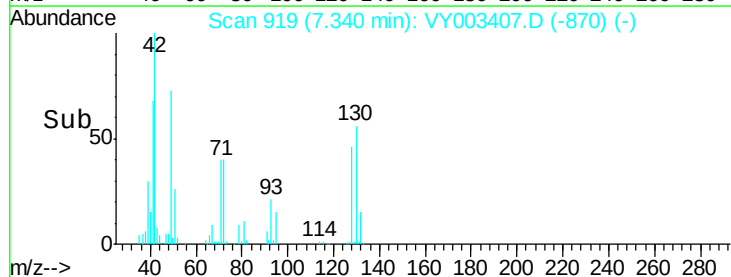
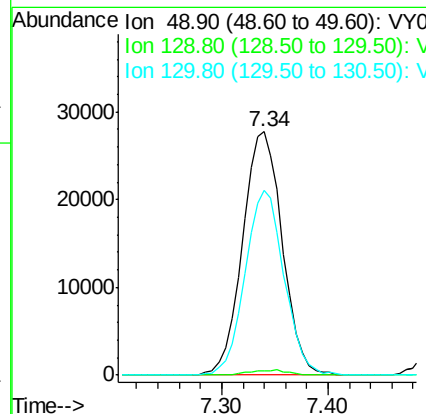
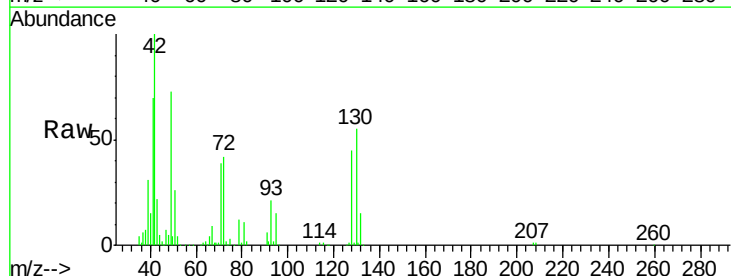
Tot Ion	96	Resp	110940
Ion Ratio	Lower	Upper	
96	100		
61	141.9	0.0	290.0
98	62.9	0.0	129.0

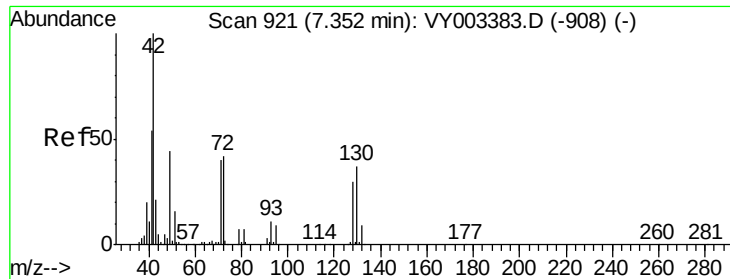


#28

Bromochloromethane
 Concen: 22.548 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion	49	Resp	72504
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.4
130	74.7	60.3	90.5





#29

Tetrahydrofuran

Concen: 110.348 ug/l

RT: 7.35 min Scan# 920

Delta R.T. -0.01 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

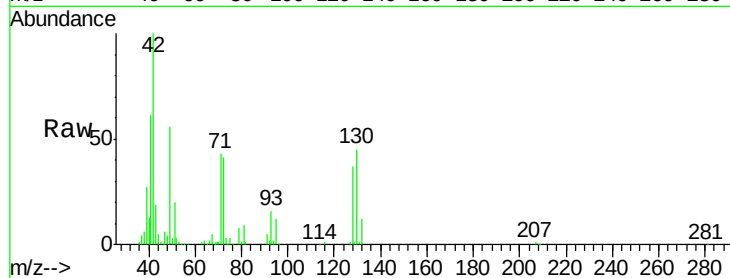
Tot Ion: 42 Resp: 122659

Ion Ratio Lower Upper

42 100

72 41.9 33.5 50.3

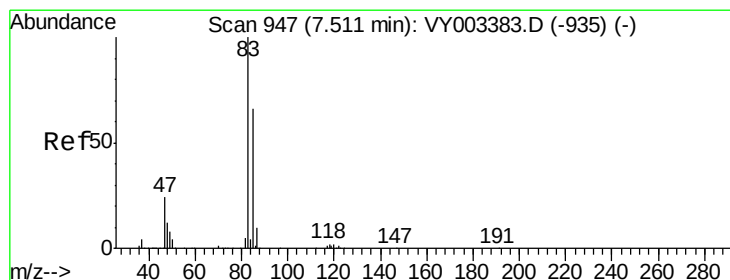
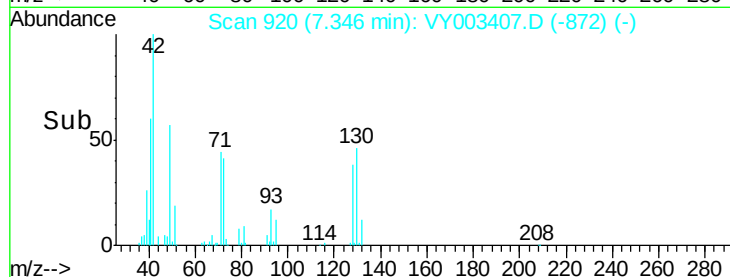
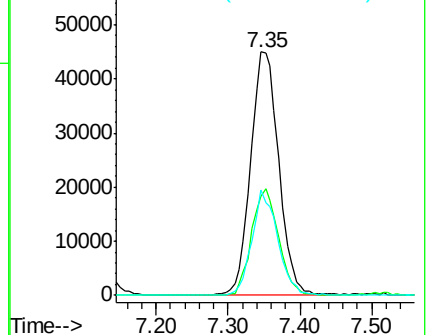
71 39.6 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 20.867 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.00 min

Lab File: VY003407.D

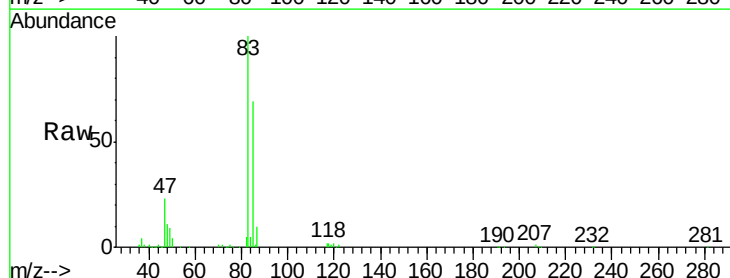
Acq: 03 Aug 2020 11:16

Tgt Ion: 83 Resp: 171090

Ion Ratio Lower Upper

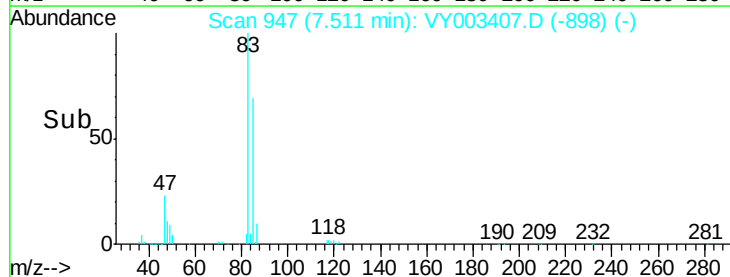
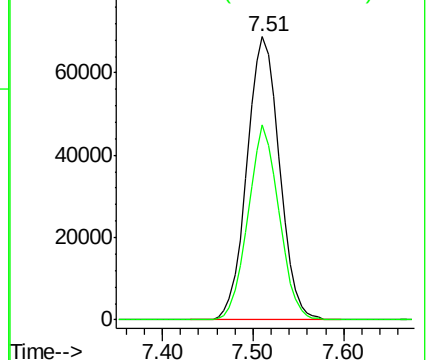
83 100

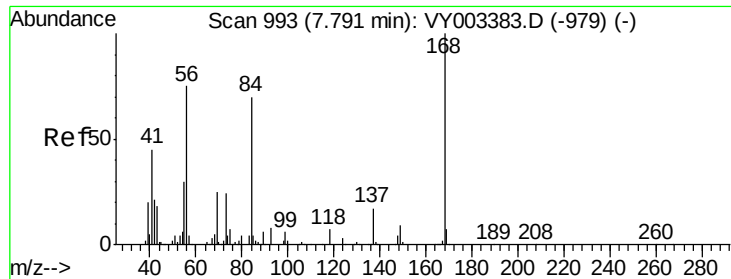
85 68.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

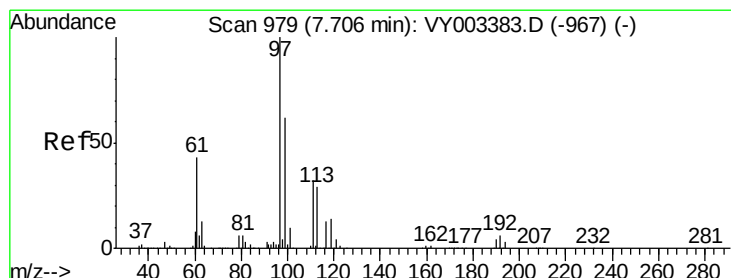
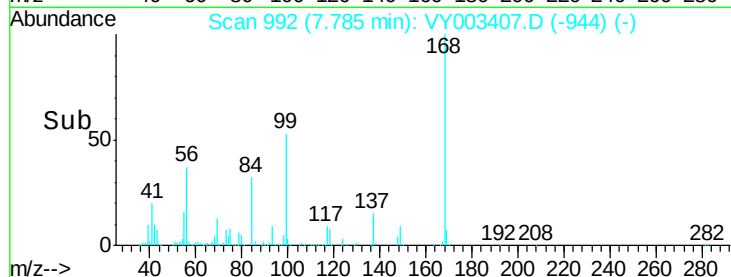
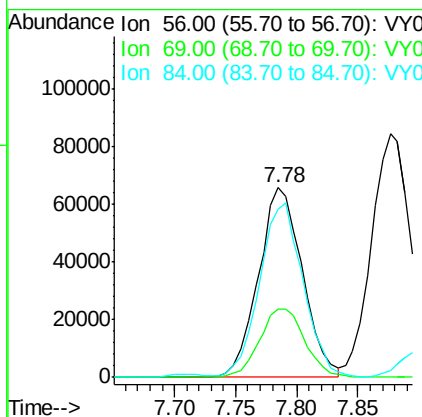
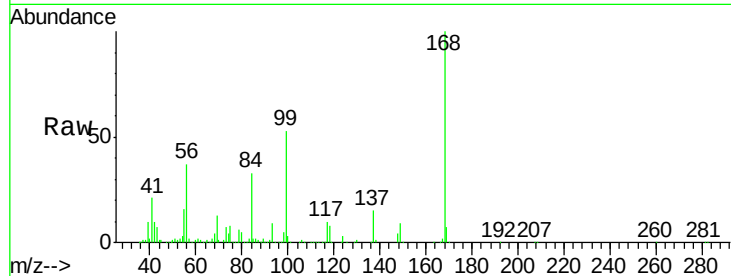




#31
Cyclohexane
Concen: 20.528 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

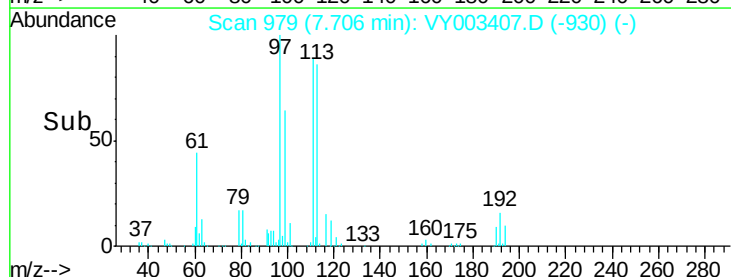
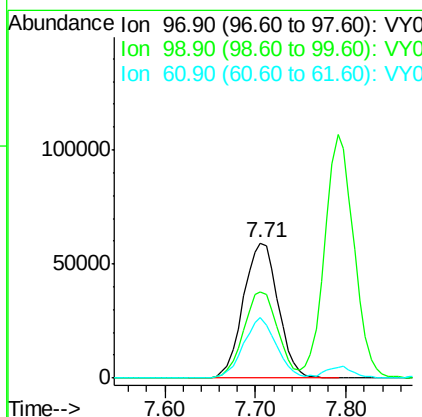
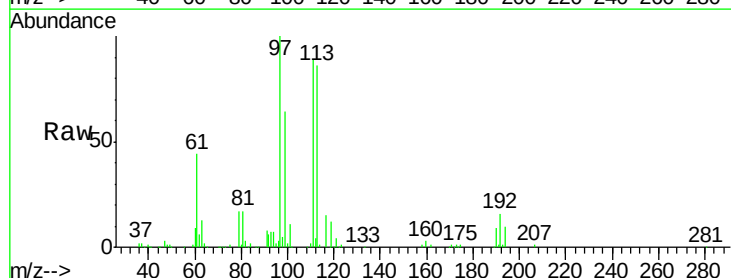
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

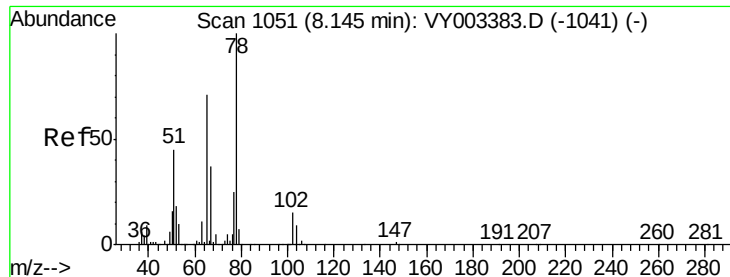
Tot Ion: 56 Resp: 164647
Ion Ratio Lower Upper
56 100
69 36.0 26.1 39.1
84 87.5 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 21.025 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion: 97 Resp: 157283
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 41.9 33.7 50.5

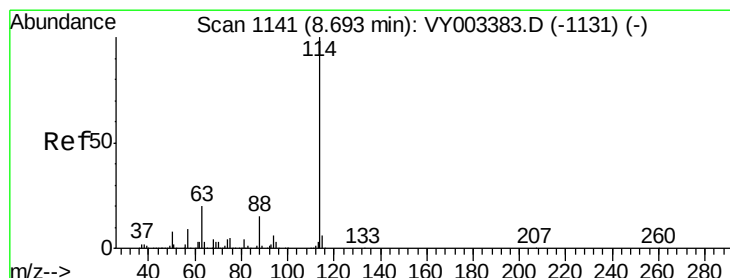
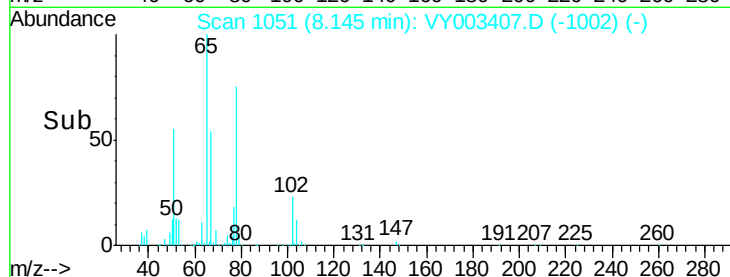
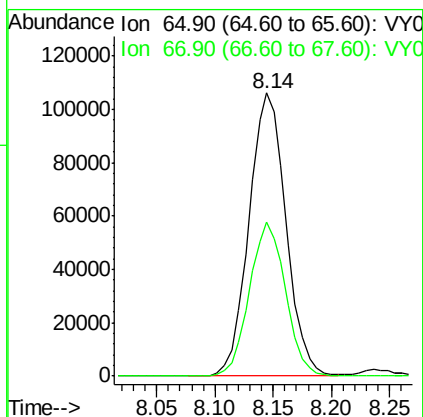
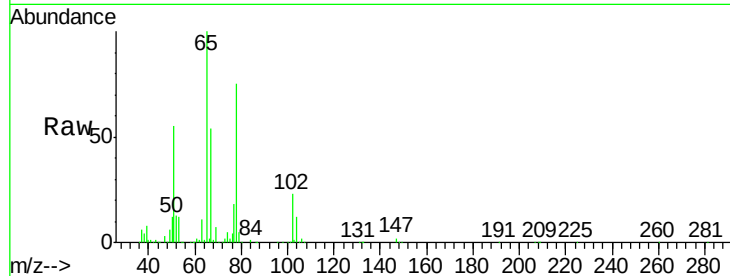




#33
 1,2-Dichloroethane-d4
 Concen: 51.810 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

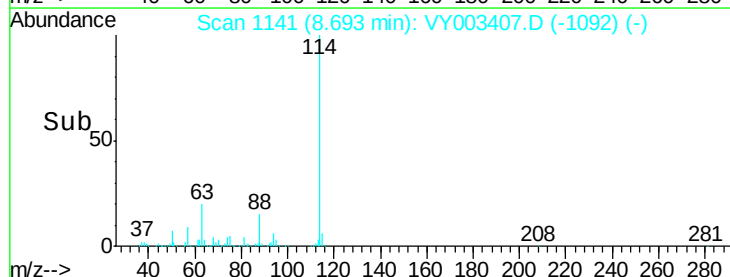
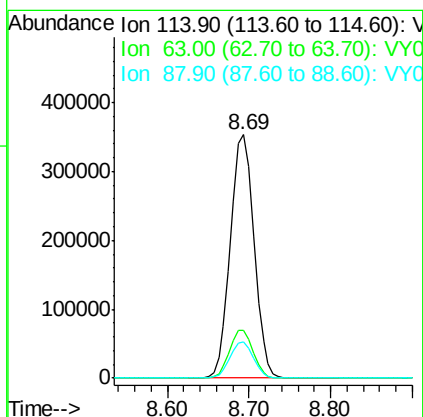
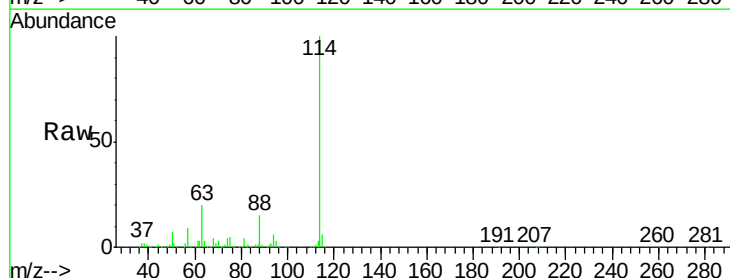
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

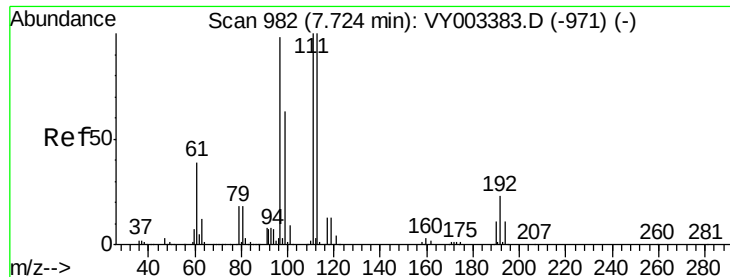
Tot Ion: 65 Resp: 234427
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion: 114 Resp: 706649
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 14.7 0.0 29.2

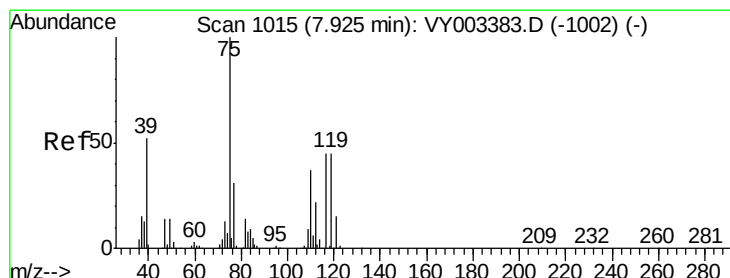
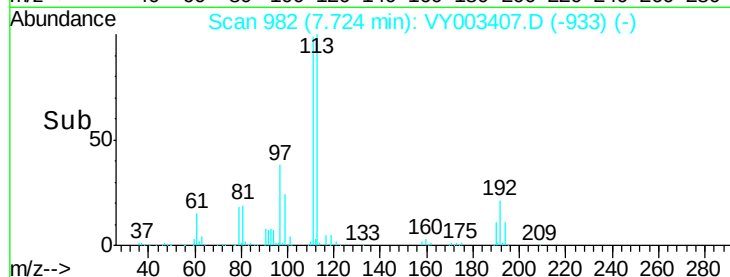
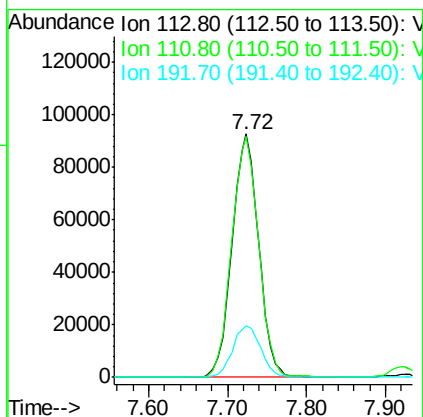
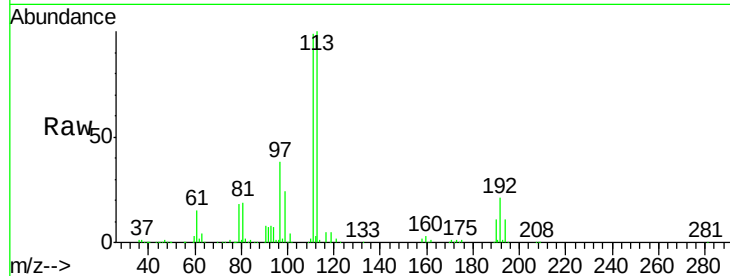




#35
 Dibromofluoromethane
 Concen: 52.079 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

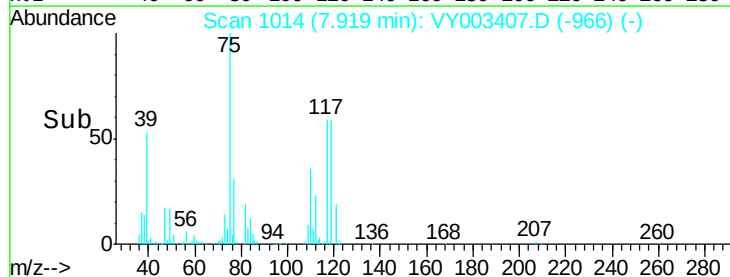
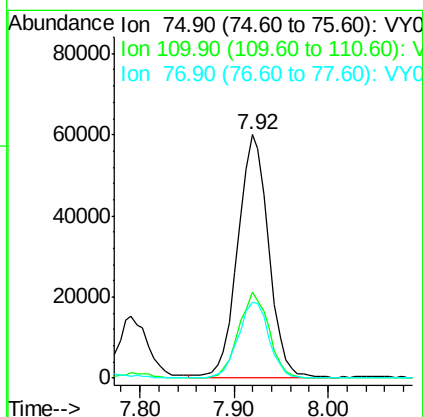
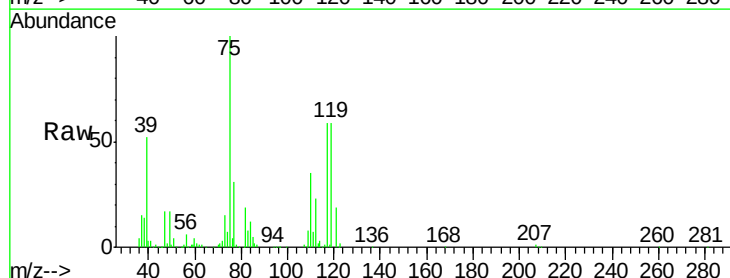
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

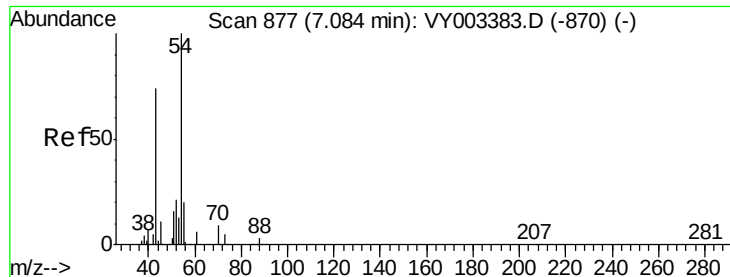
Tot Ion:113 Resp: 216782
 Ion Ratio Lower Upper
 113 100
 111 100.6 83.0 124.4
 192 22.3 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 20.398 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion: 75 Resp: 136400
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.8 53.5
 77 31.7 24.6 36.8

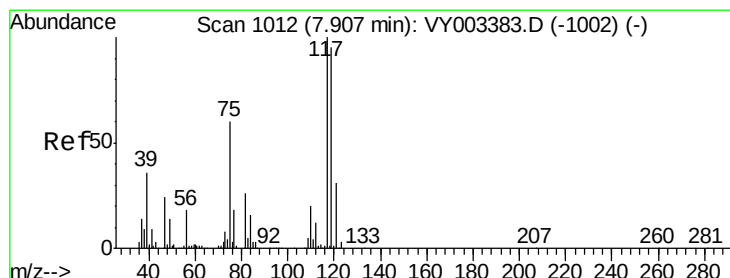
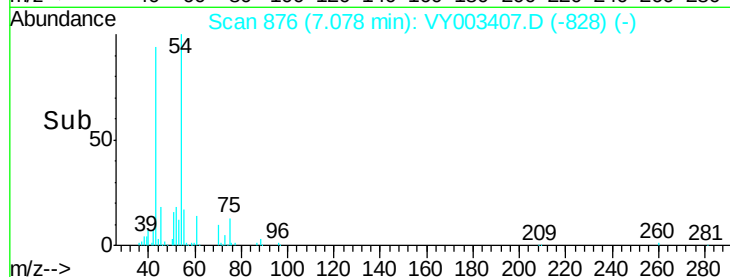
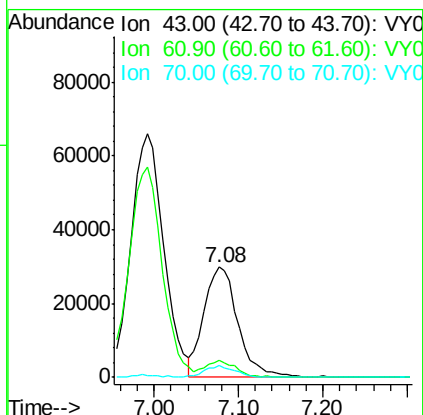
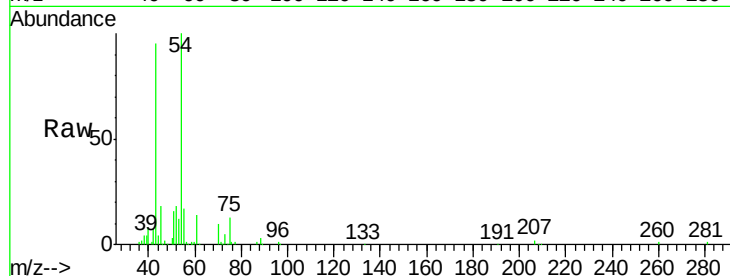




#37
Ethyl Acetate
Concen: 21.867 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

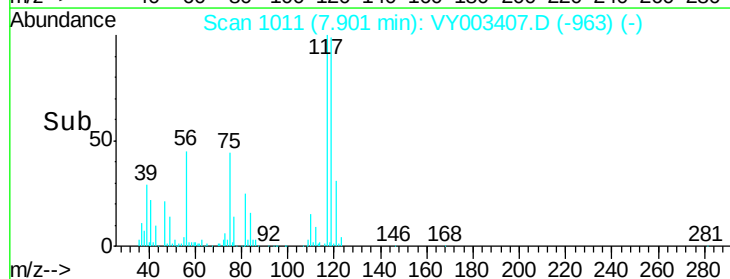
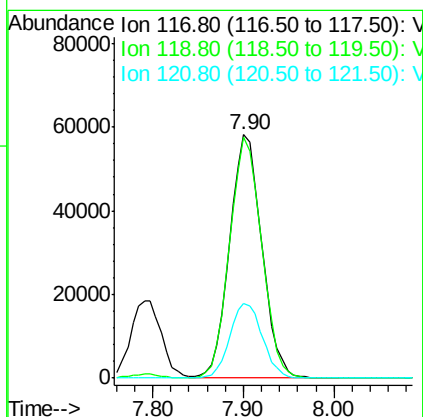
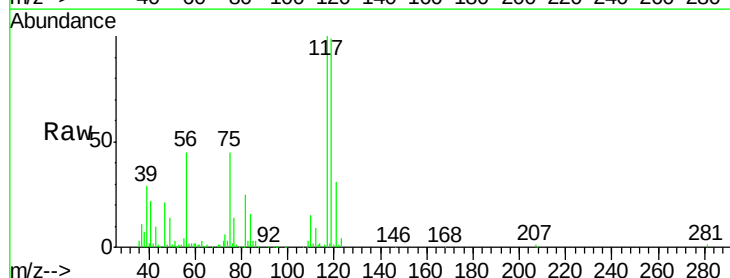
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

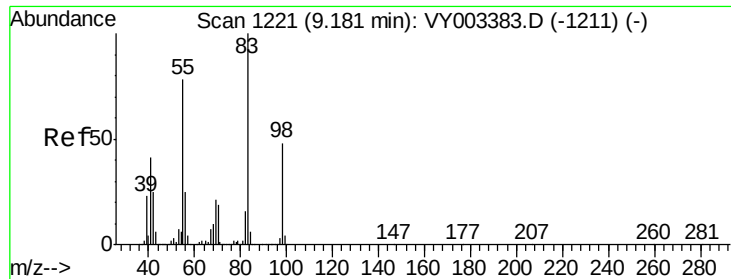
Tot Ion: 43 Resp: 83148
Ion Ratio Lower Upper
43 100
61 13.7 11.2 16.8
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.851 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion: 117 Resp: 143478
Ion Ratio Lower Upper
117 100
119 99.1 76.1 114.1
121 30.8 24.5 36.7

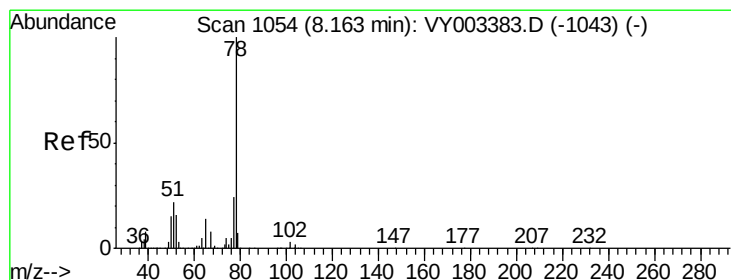
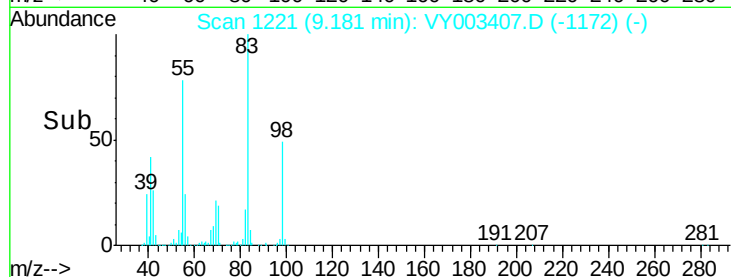
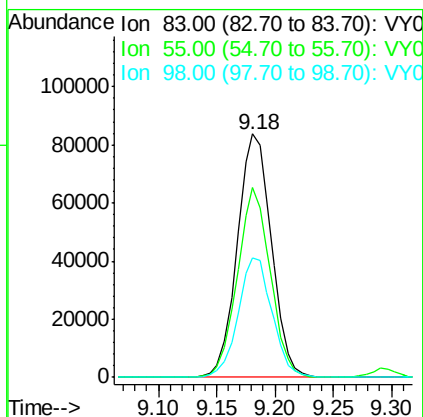
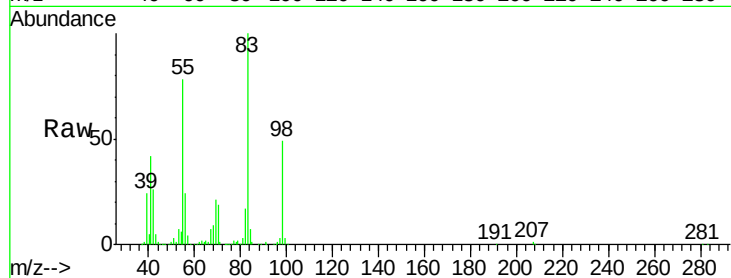




#39
Methylvlcyclohexane
Concen: 20.957 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

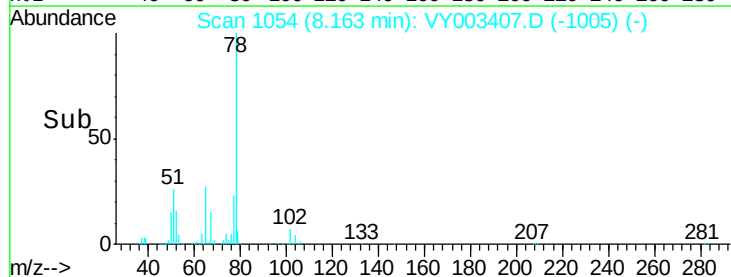
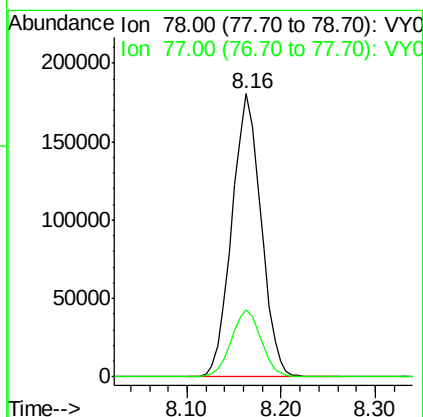
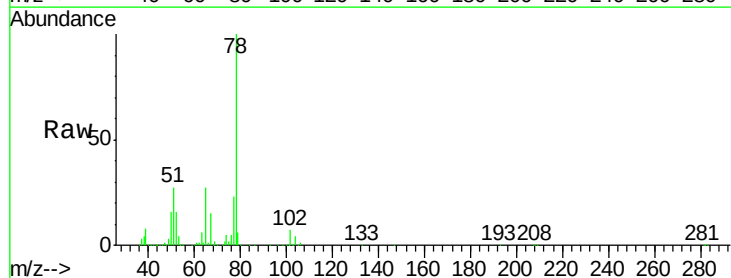
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

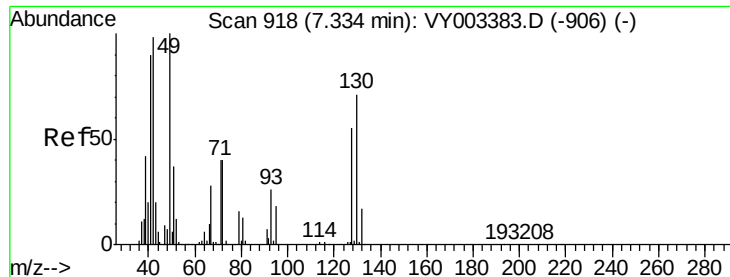
Tot Ion: 83 Resp: 170991
Ion Ratio Lower Upper
83 100
55 78.2 62.2 93.4
98 49.0 38.7 58.1



#40
Benzene
Concen: 20.963 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion: 78 Resp: 388952
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

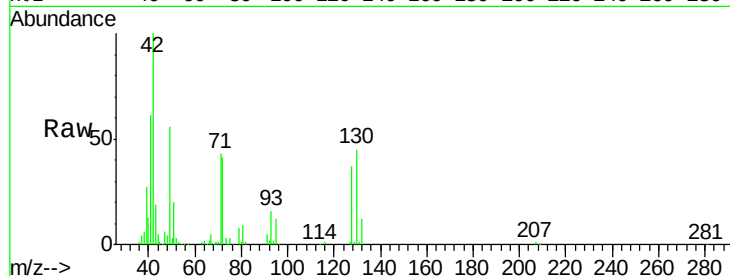




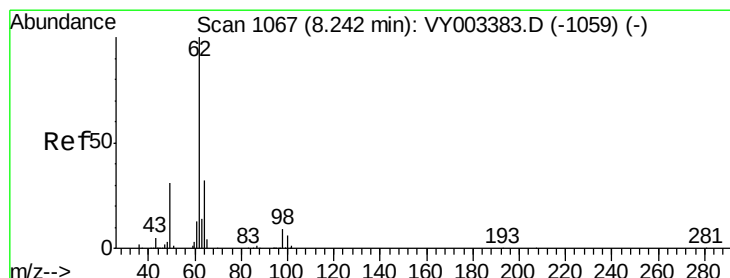
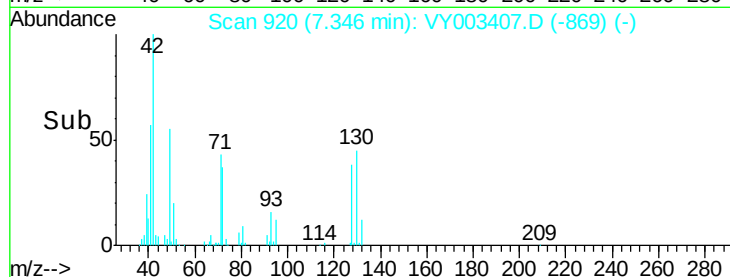
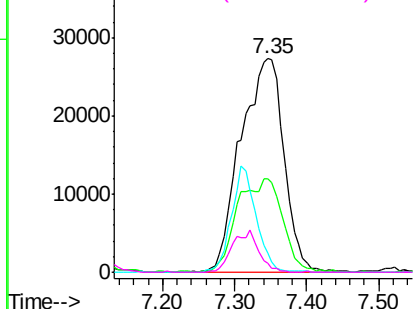
#41
Methacrylonitrile
Concen: 52.195 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion:	41	Resp:	113776
Ion	Ratio	Lower	Upper
41	100		
39	46.2	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

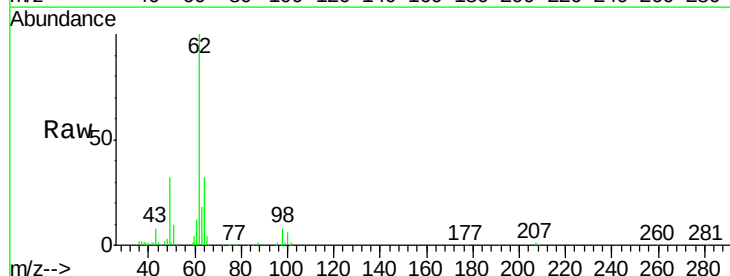


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

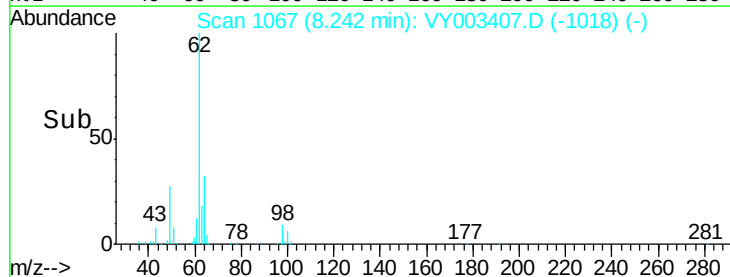
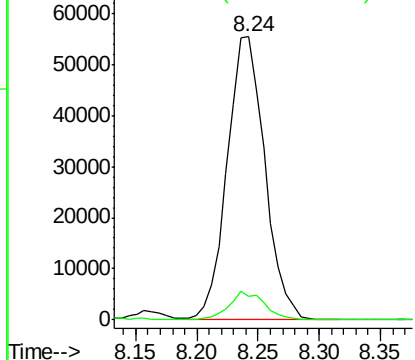


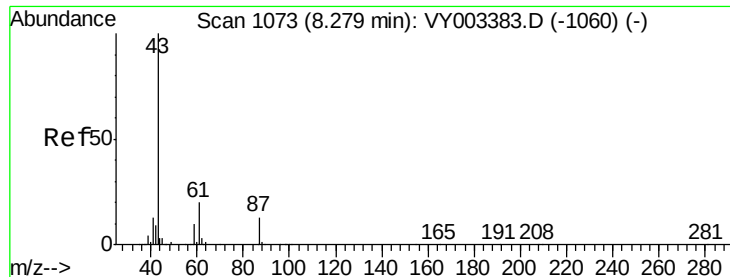
#42
1,2-Dichloroethane
Concen: 20.937 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion:	62	Resp:	118313
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 21.117 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

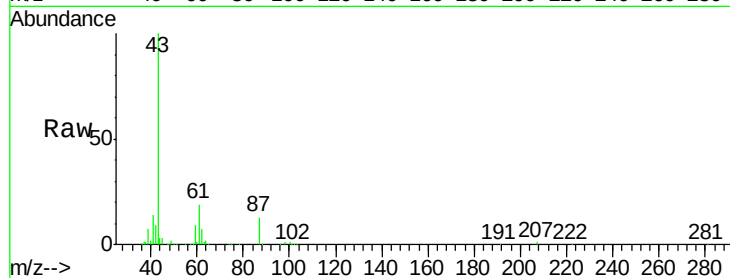
Tot Ion: 43 Resp: 151550

Ion Ratio Lower Upper

43 100

61 29.5 23.0 34.4

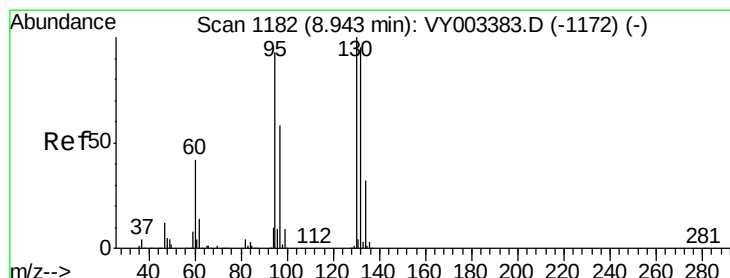
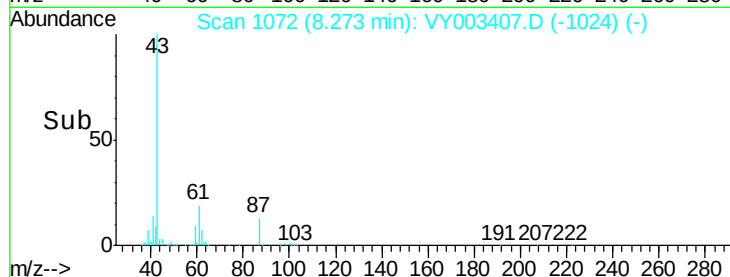
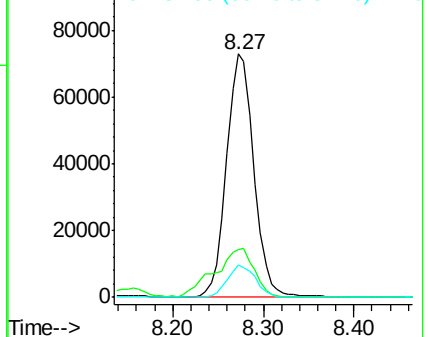
87 13.7 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.311 ug/l

RT: 8.94 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VY003407.D

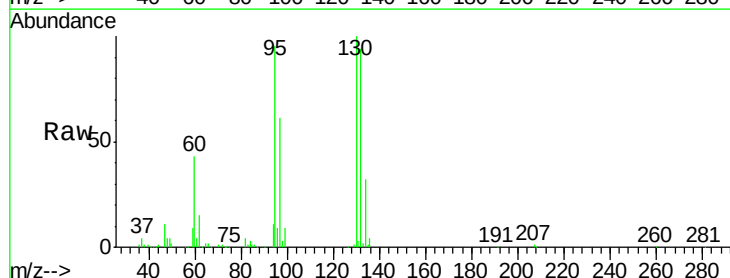
Acq: 03 Aug 2020 11:16

Tgt Ion:130 Resp: 108381

Ion Ratio Lower Upper

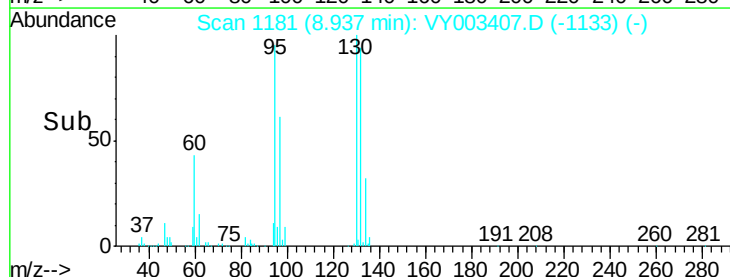
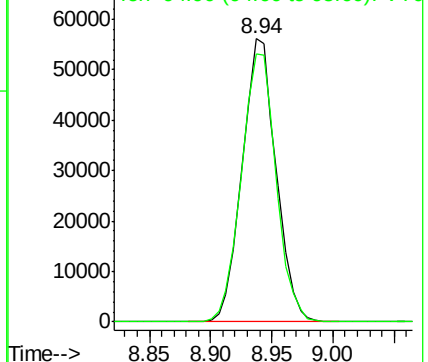
130 100

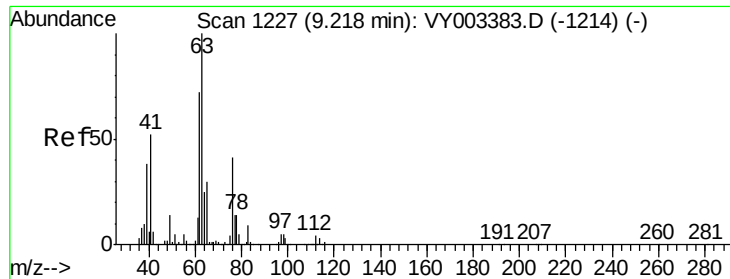
95 94.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 20.934 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

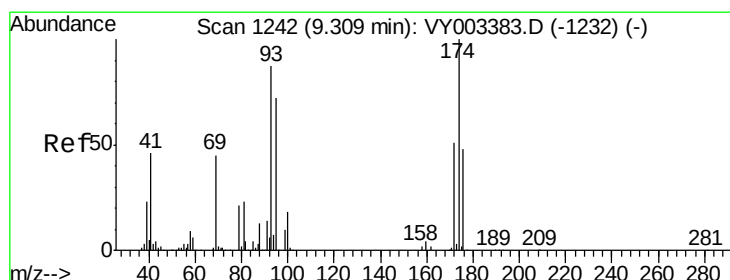
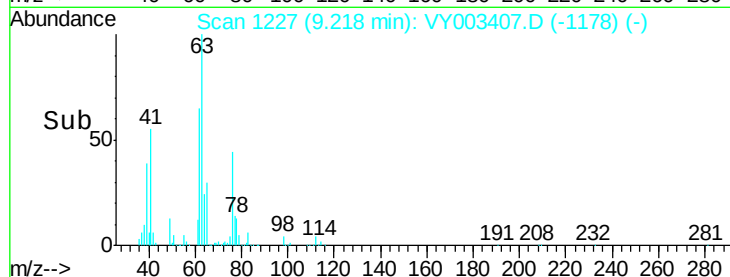
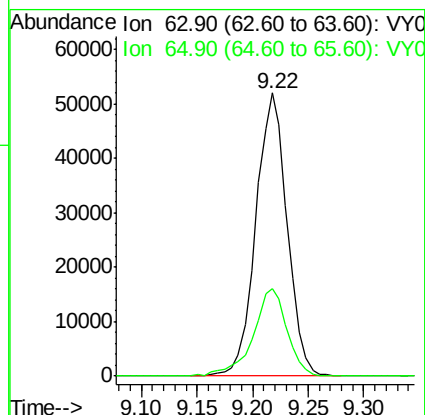
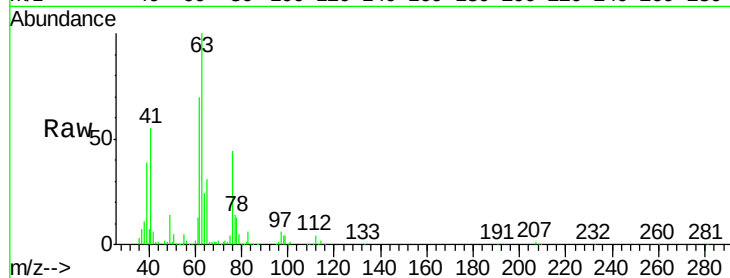
VY0803SBS01

Tot Ion: 63 Resp: 101715

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.8



#46

Dibromomethane

Concen: 21.151 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

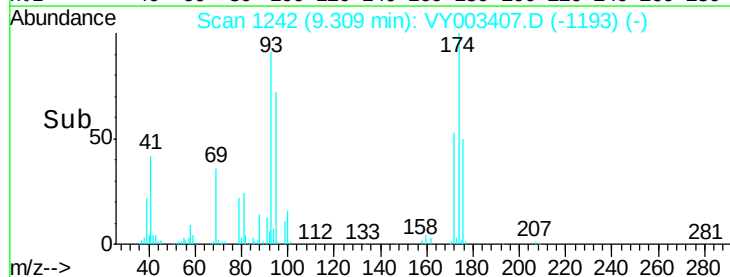
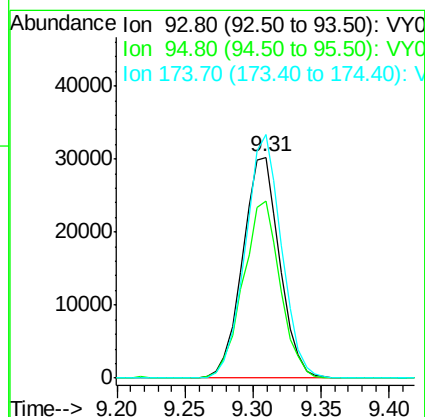
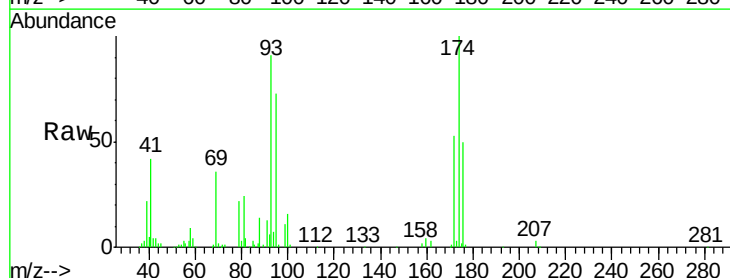
Tgt Ion: 93 Resp: 57660

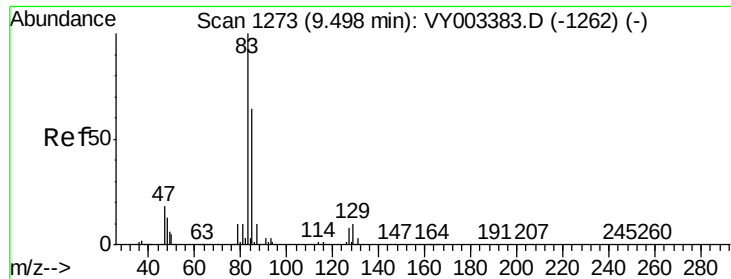
Ion Ratio Lower Upper

93 100

95 80.2 65.4 98.0

174 108.0 88.6 133.0





#47

Bromodichloromethane

Concen: 21.102 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

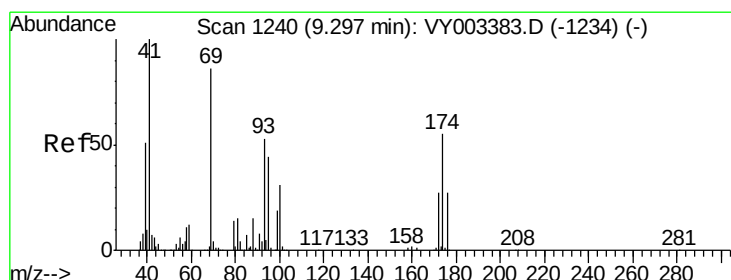
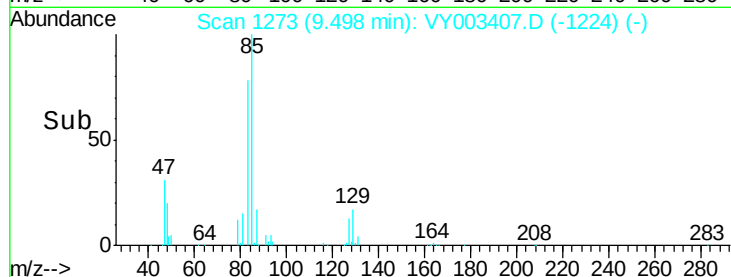
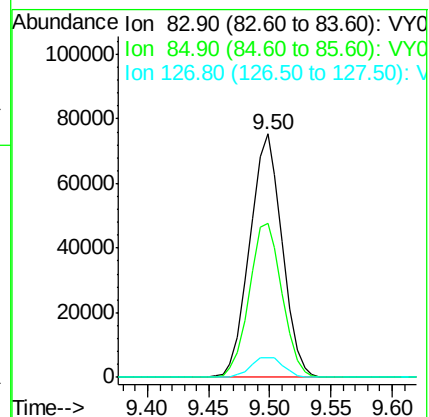
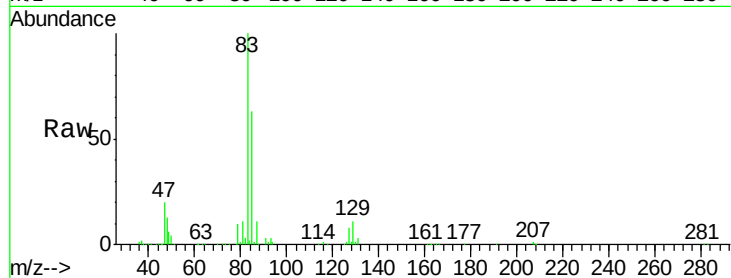
Tot Ion: 83 Resp: 138617

Ion Ratio Lower Upper

83 100

85 63.3 51.6 77.4

127 8.3 6.5 9.7



#48

Methyl methacrylate

Concen: 21.564 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

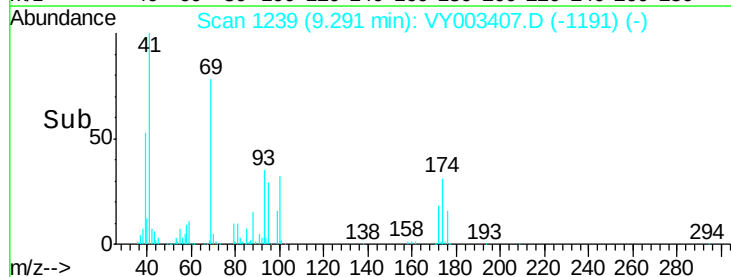
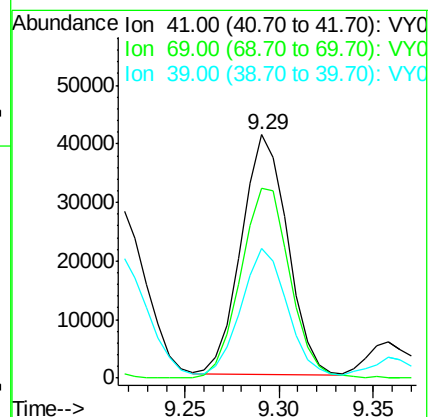
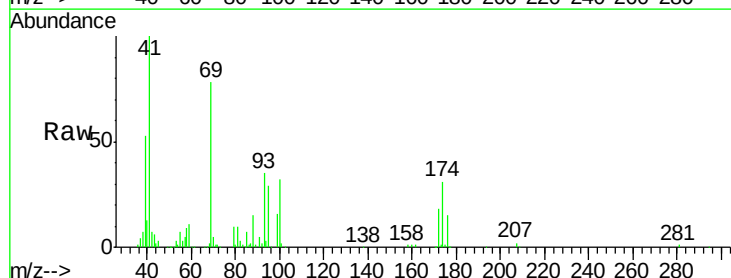
Tgt Ion: 41 Resp: 69856

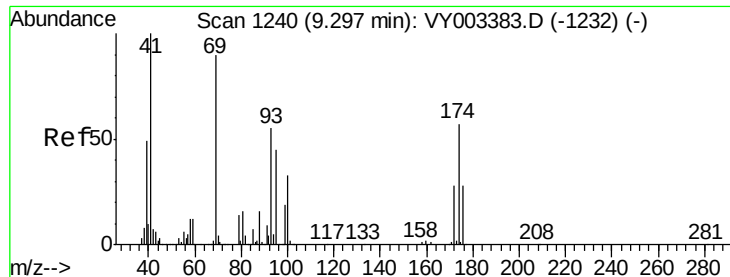
Ion Ratio Lower Upper

41 100

69 84.4 68.9 103.3

39 52.6 43.1 64.7

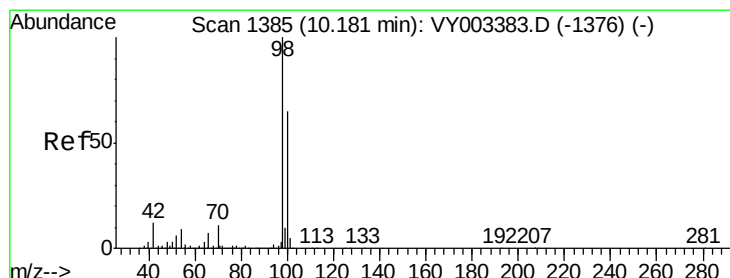
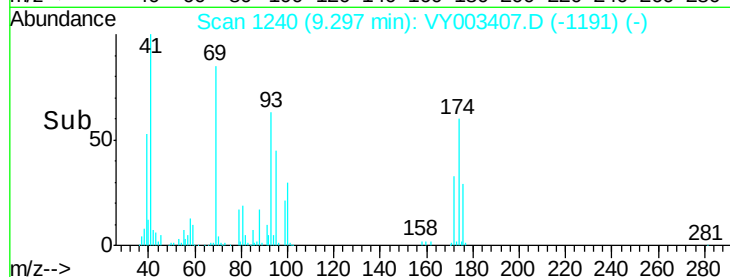
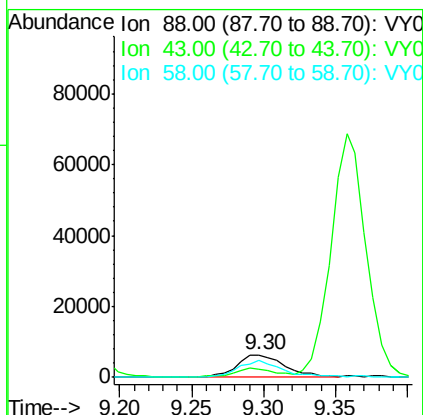
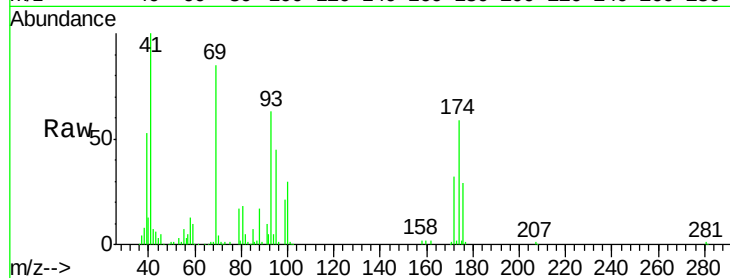




#49
1,4-Dioxane
Concen: 413.427 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

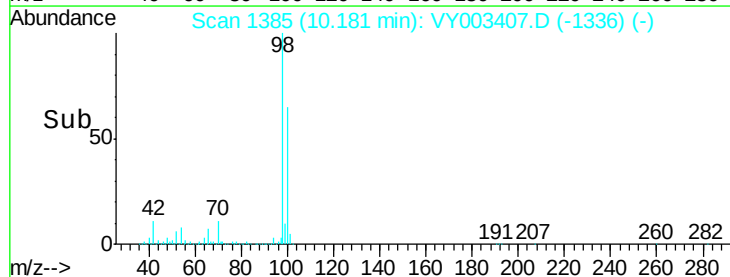
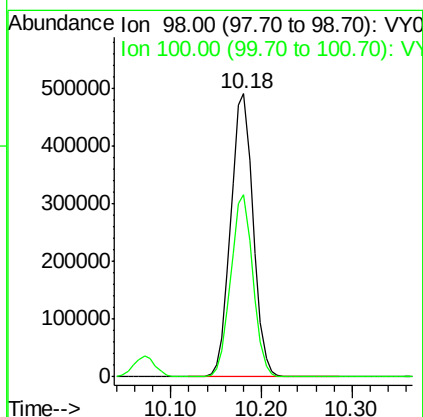
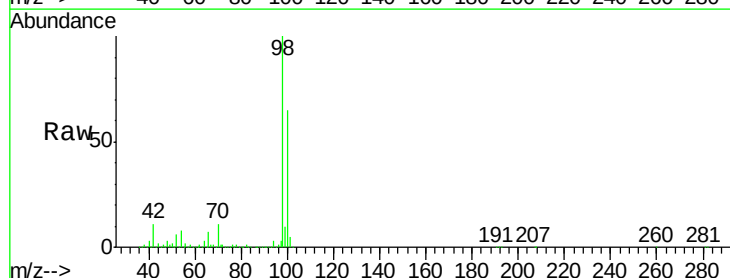
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

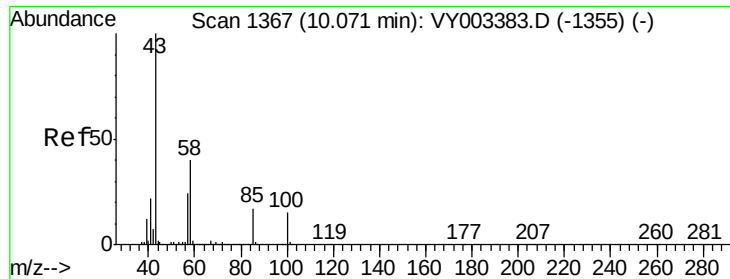
Tot Ion: 88 Resp: 14587
Ion Ratio Lower Upper
88 100
43 37.1 24.9 37.3
58 76.4 54.3 81.5



#50
Toluene-d8
Concen: 51.624 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion: 98 Resp: 841466
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 106.628 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampled :

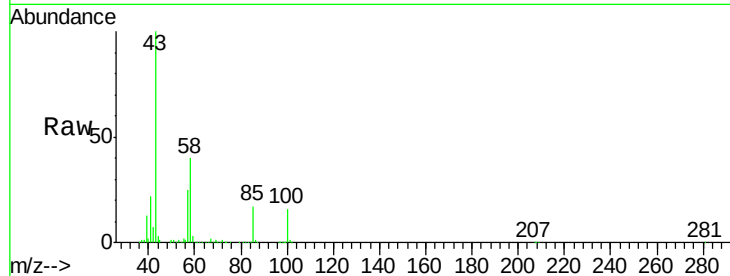
VY0803SBS01

Tot Ion: 43 Resp: 401029

Ion Ratio Lower Upper

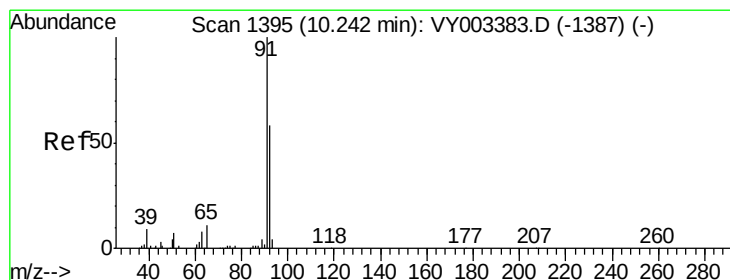
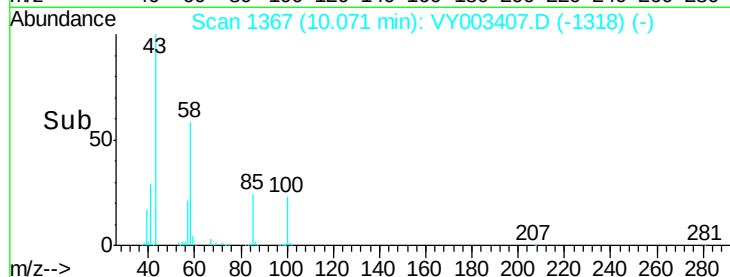
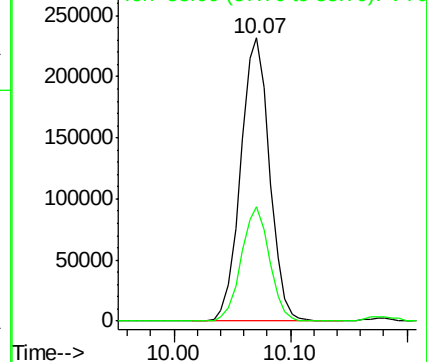
43 100

58 39.5 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.433 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003407.D

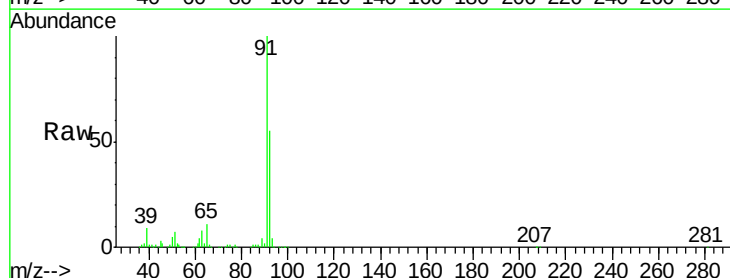
Acq: 03 Aug 2020 11:16

Tgt Ion: 92 Resp: 237772

Ion Ratio Lower Upper

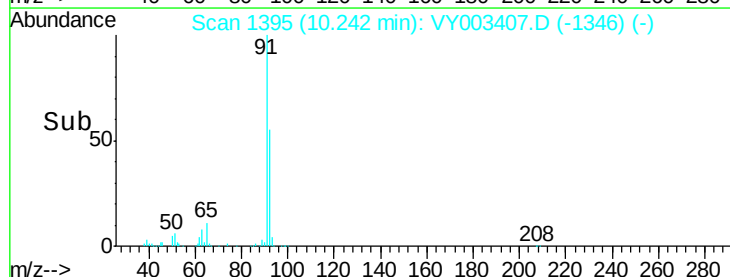
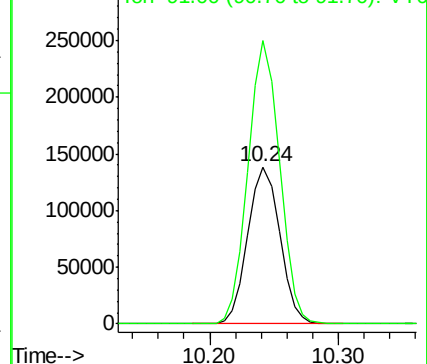
92 100

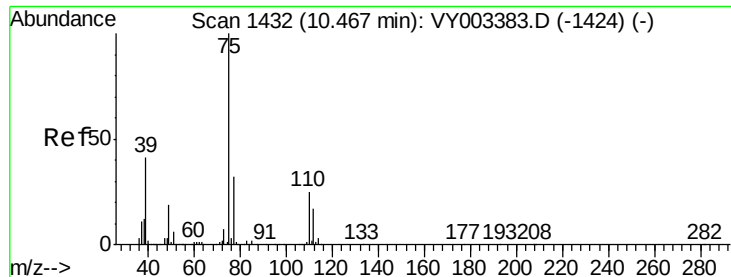
91 178.0 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.893 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

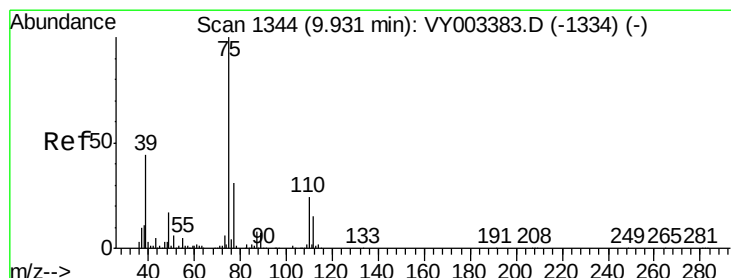
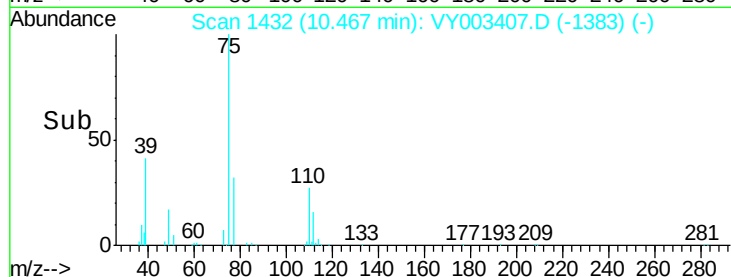
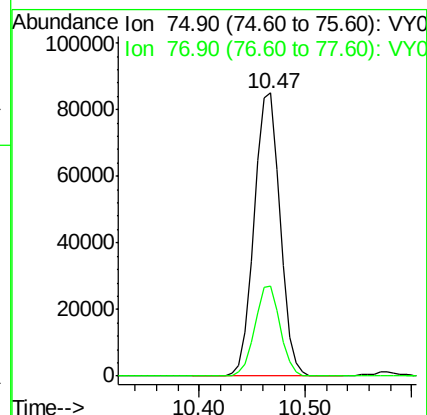
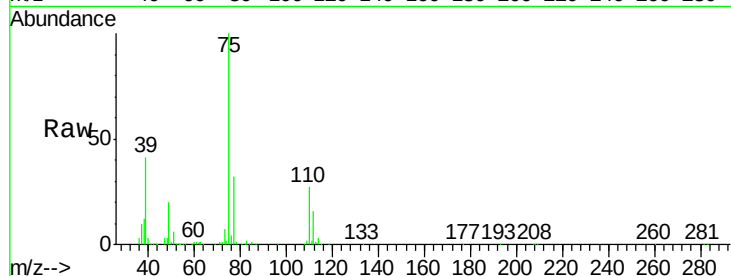
VY0803SBS01

Tot Ion: 75 Resp: 145669

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.800 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

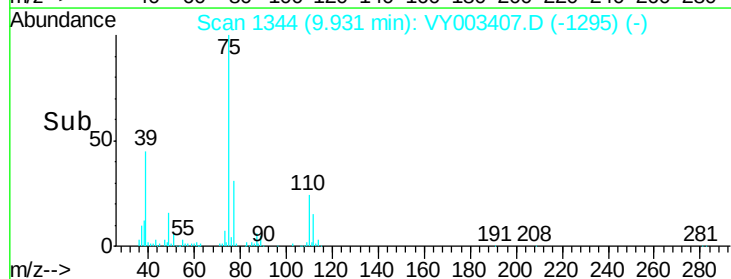
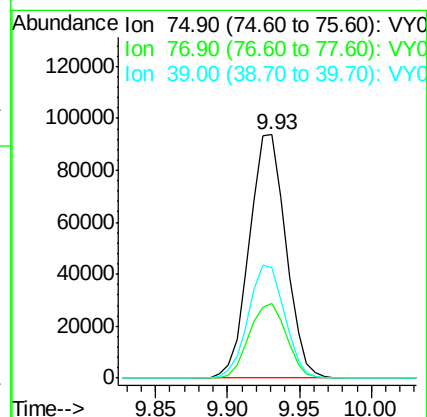
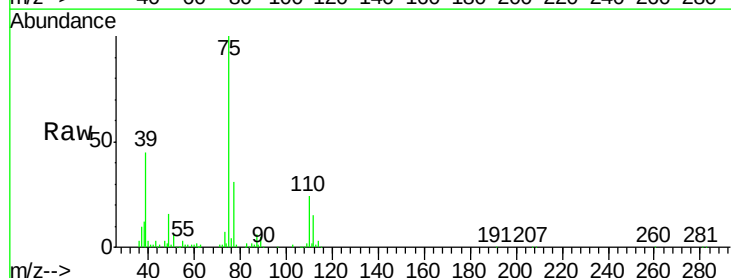
Tgt Ion: 75 Resp: 164346

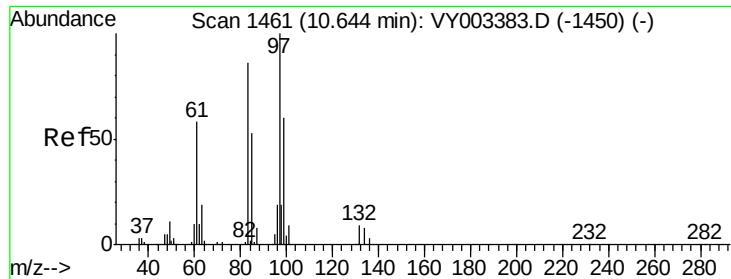
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 45.3 34.8 52.2

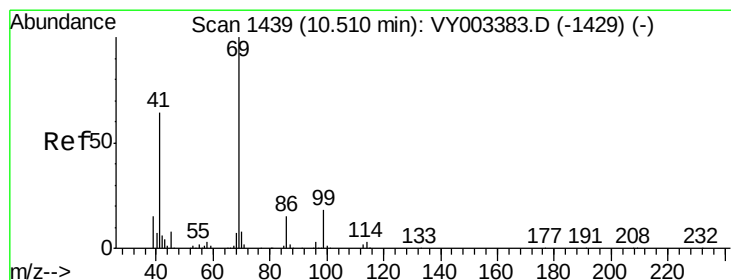
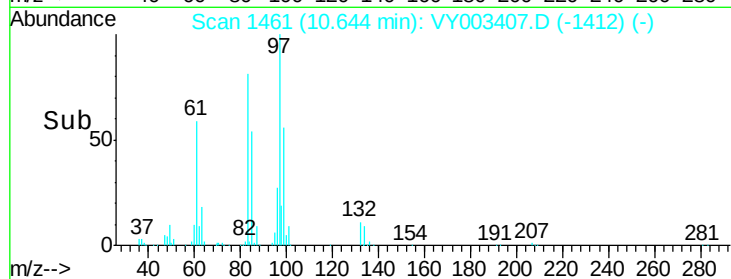
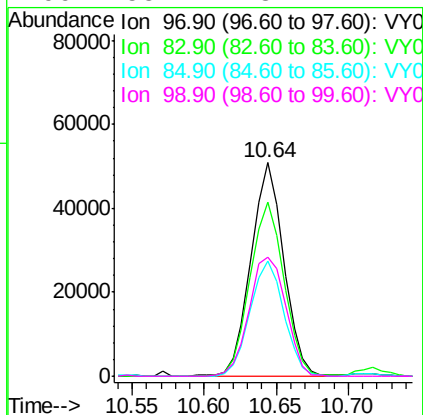
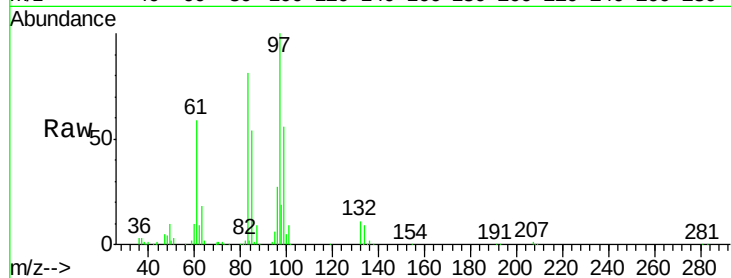




#55
 1,1,2-Trichloroethane
 Concen: 21.013 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

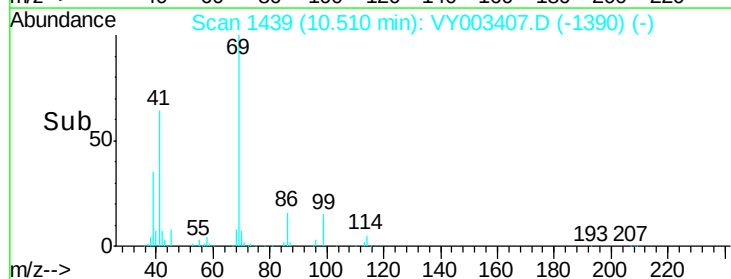
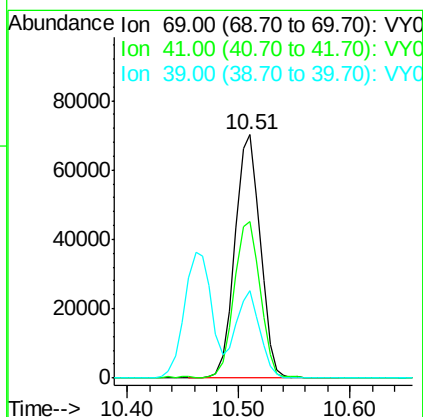
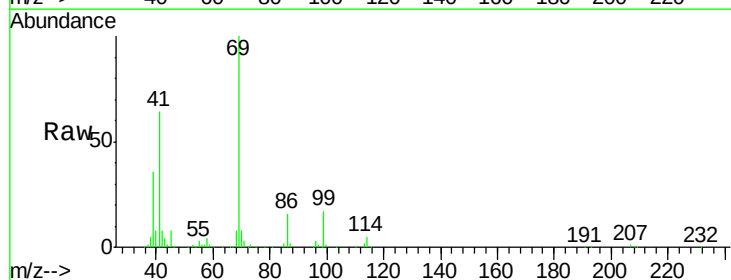
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

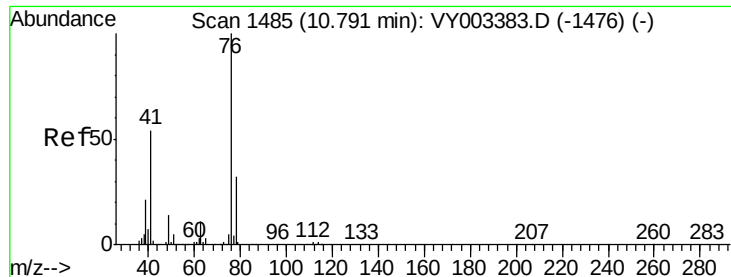
Tot Ion:	97	Resp:	80347
Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.1	103.7
85	54.0	42.5	63.7
99	55.7	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 20.867 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion:	69	Resp:	110463
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.4
39	34.3	24.7	37.1





#57

1,3-Dichloropropane

Concen: 21.156 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

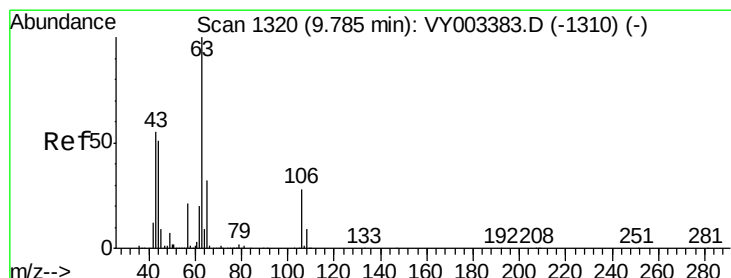
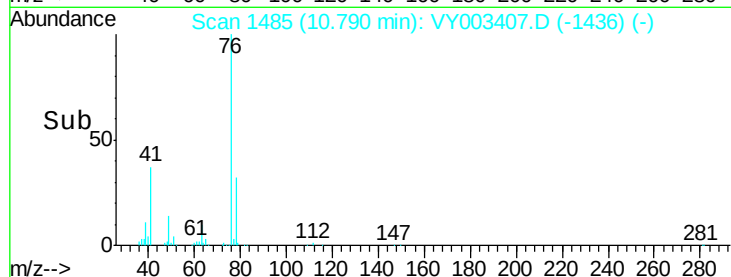
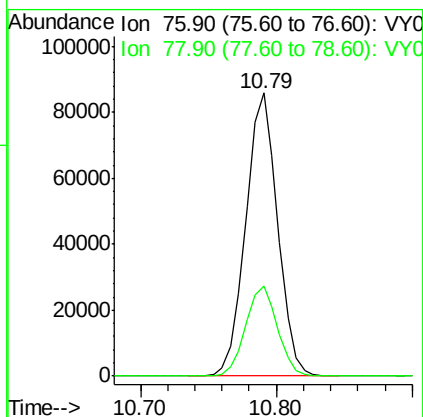
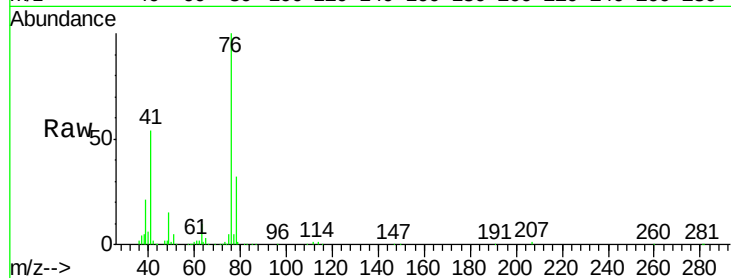
VY0803SBS01

Tot Ion: 76 Resp: 140589

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 111.241 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003407.D

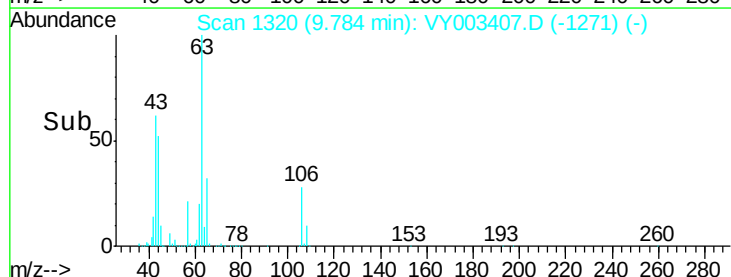
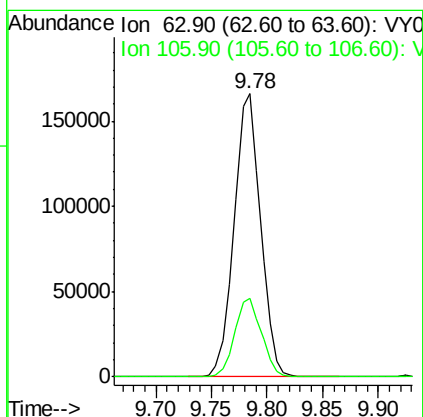
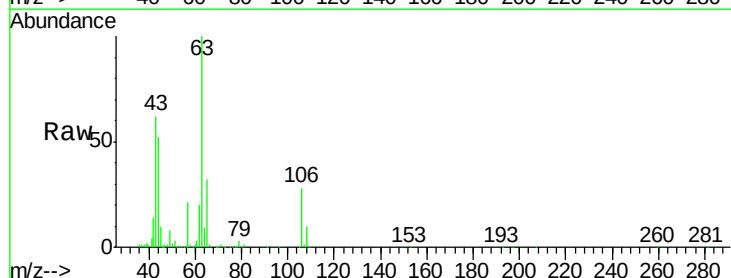
Acq: 03 Aug 2020 11:16

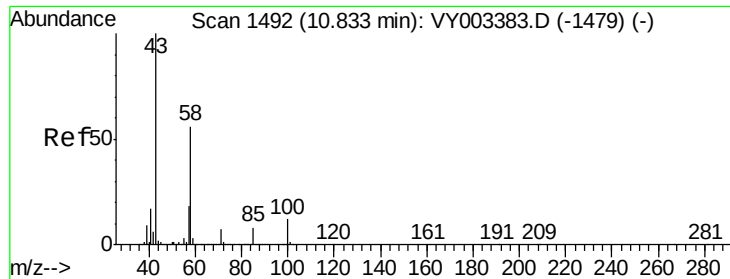
Tgt Ion: 63 Resp: 272759

Ion Ratio Lower Upper

63 100

106 27.9 21.8 32.6

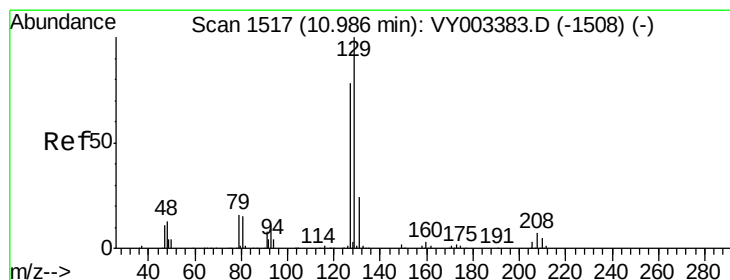
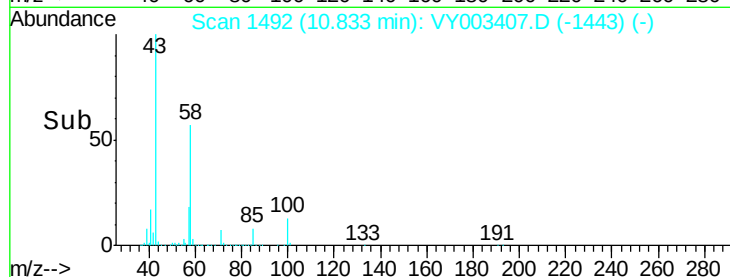
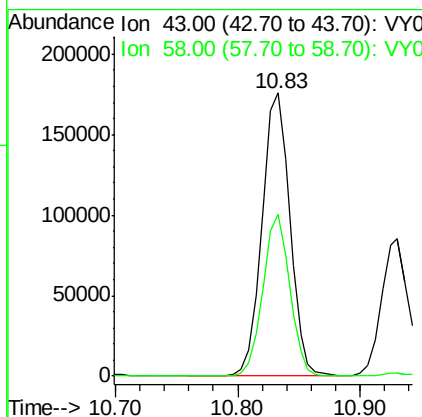
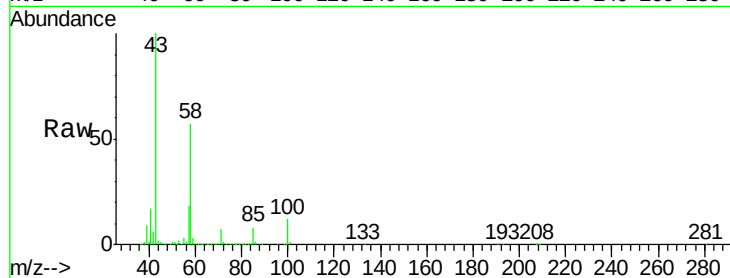




#59
2-Hexanone
Concen: 106.833 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

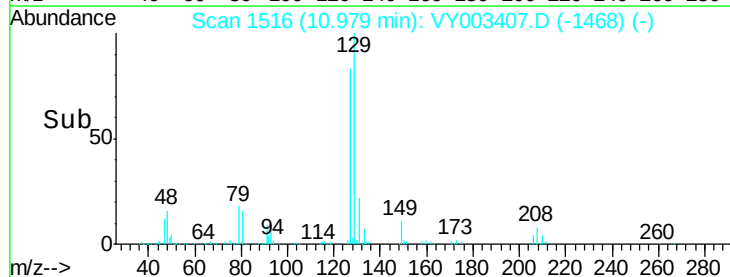
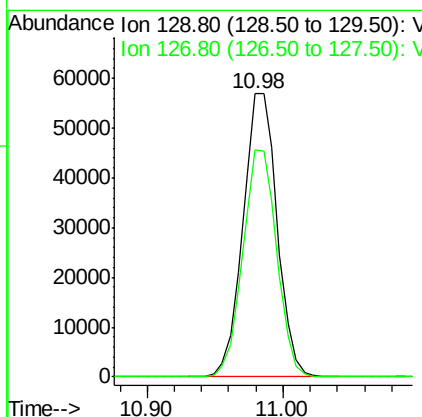
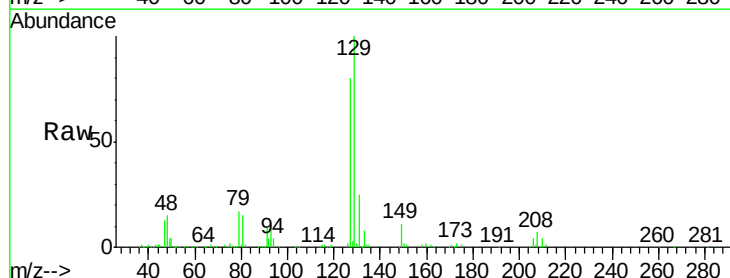
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

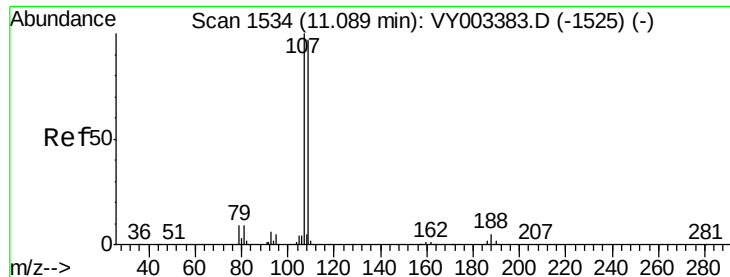
Tot Ion: 43 Resp: 280021
Ion Ratio Lower Upper
43 100
58 54.9 27.6 82.8



#60
Dibromochloromethane
Concen: 20.807 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion: 129 Resp: 99913
Ion Ratio Lower Upper
129 100
127 79.8 38.7 116.1

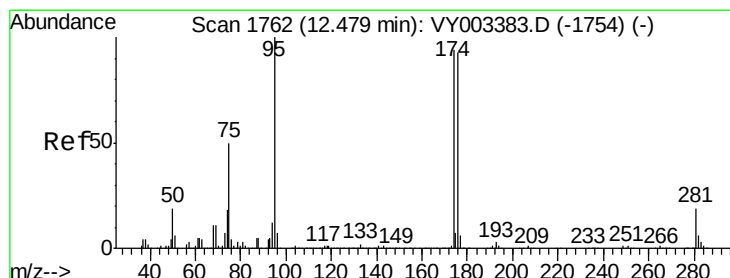
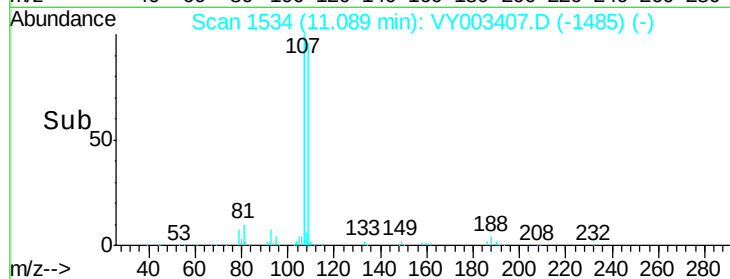
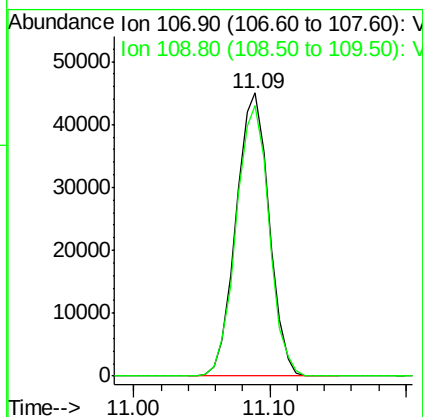
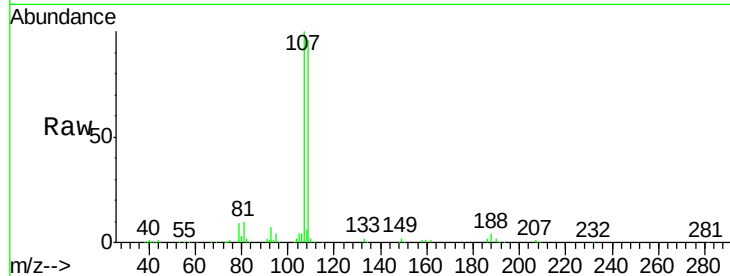




#61
 1,2-Dibromoethane
 Concen: 20.589 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

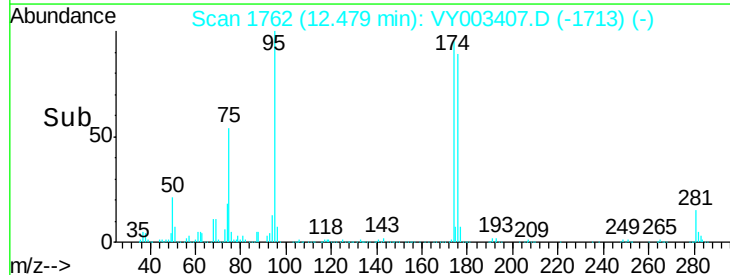
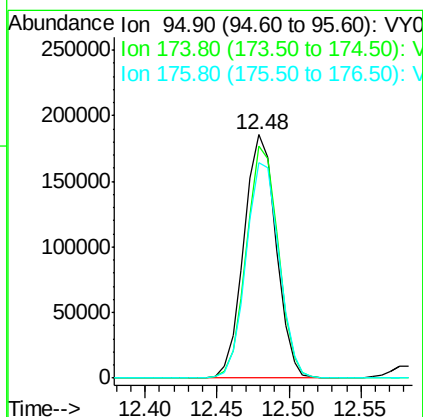
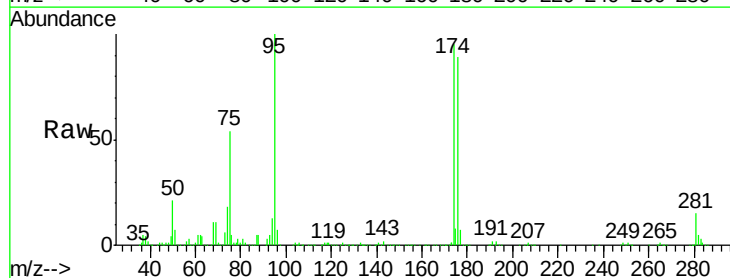
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

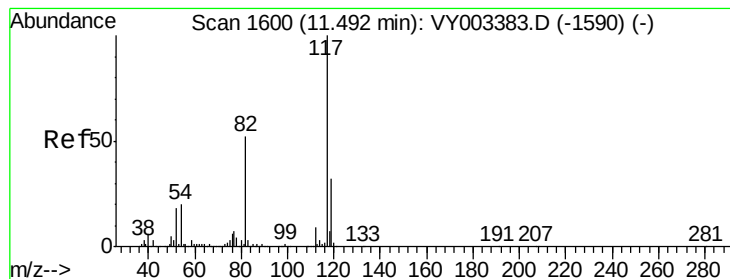
Tot Ion:107 Resp: 76270
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.536 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion: 95 Resp: 287019
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 190.0
 176 90.3 0.0 184.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

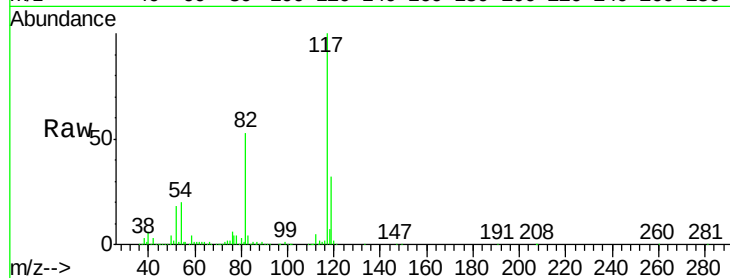
Tot Ion:117 Resp: 644352

Ion Ratio Lower Upper

117 100

82 53.2 41.9 62.9

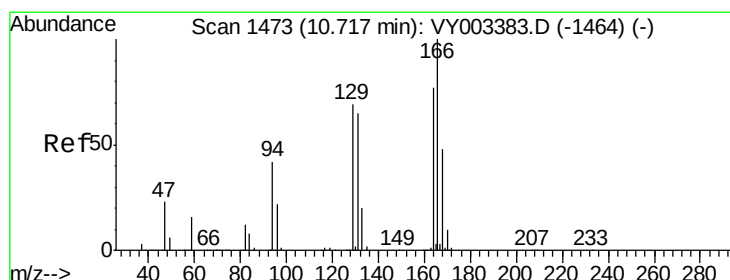
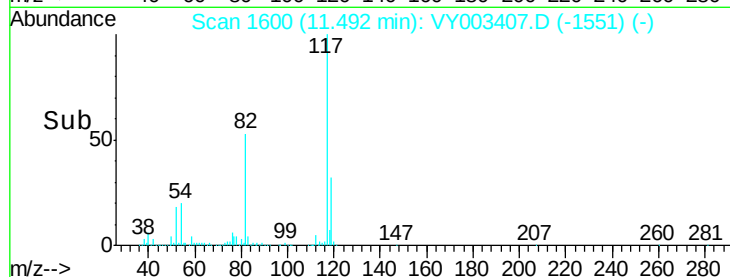
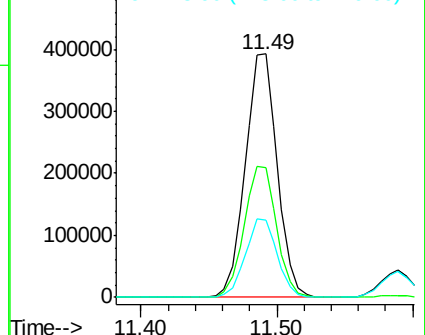
119 31.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.800 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Tgt Ion:164 Resp: 112046

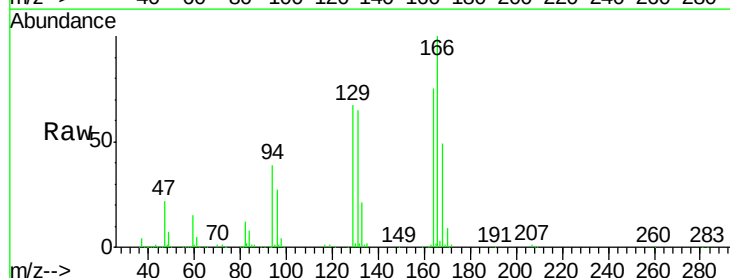
Ion Ratio Lower Upper

164 100

166 134.0 103.3 154.9

129 89.4 71.2 106.8

131 86.8 67.4 101.2

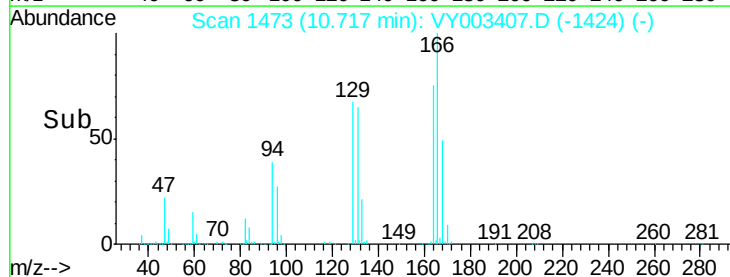
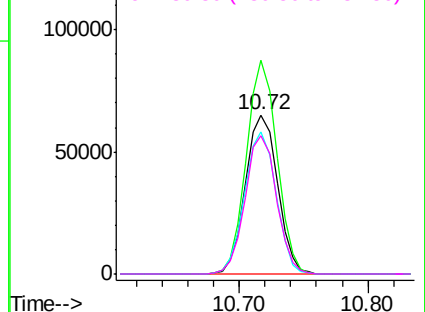


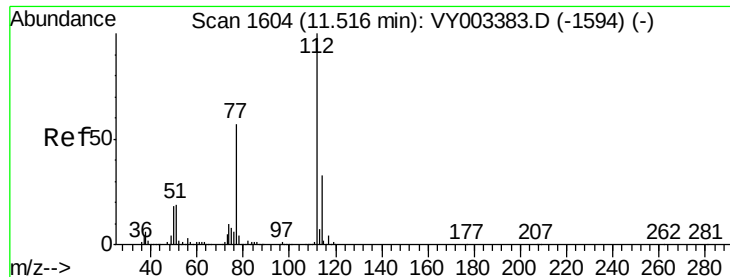
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

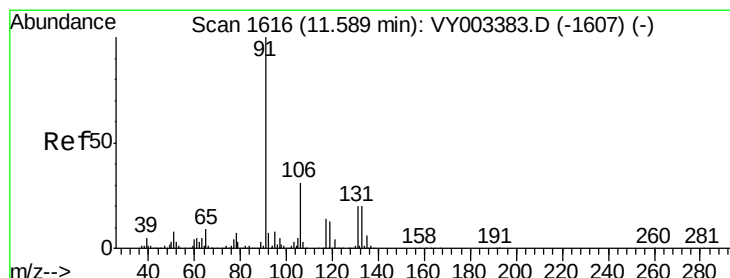
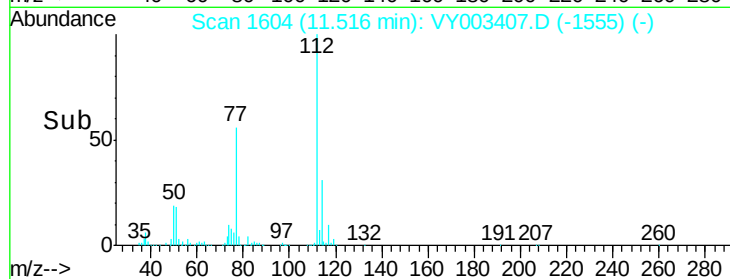
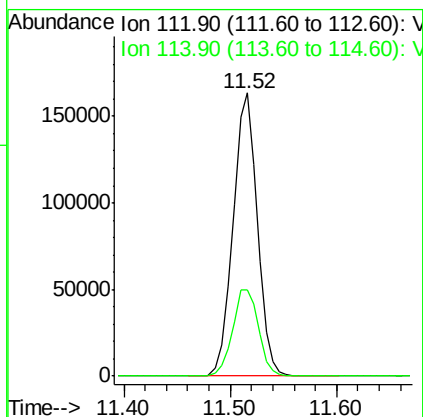
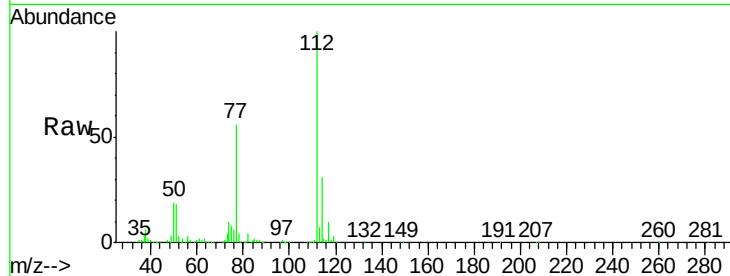




#65
Chlorobenzene
Concen: 20.670 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

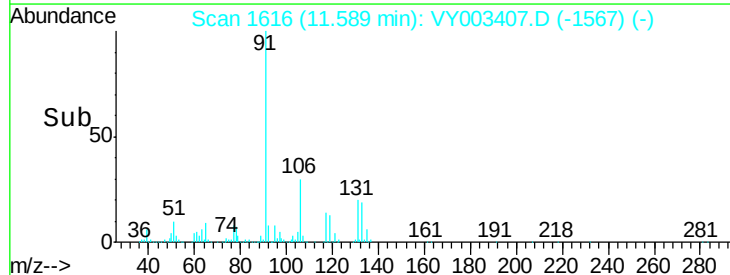
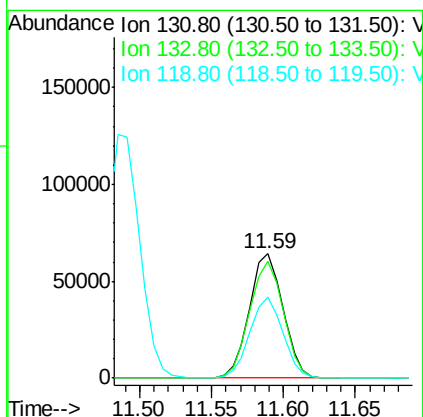
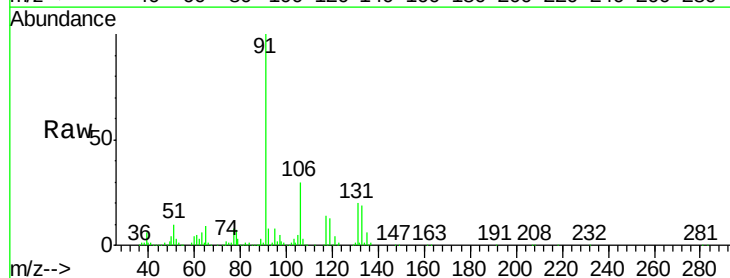
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

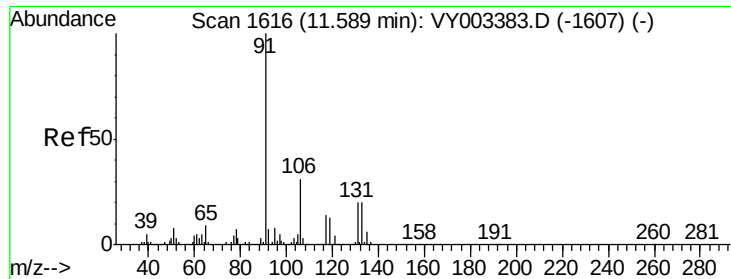
Tot Ion:112 Resp: 261358
Ion Ratio Lower Upper
112 100
114 30.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.121 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion:131 Resp: 103876
Ion Ratio Lower Upper
131 100
133 93.6 48.1 144.3
119 63.7 32.0 96.2





#67

Ethyl Benzene

Concen: 20.815 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

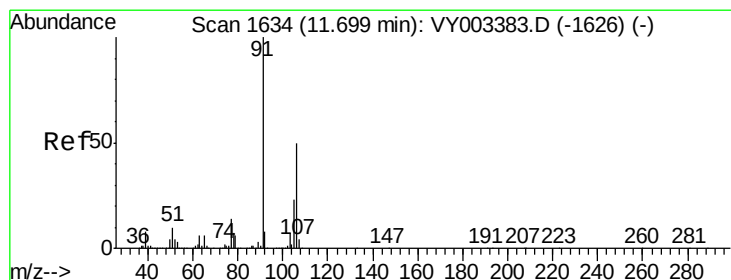
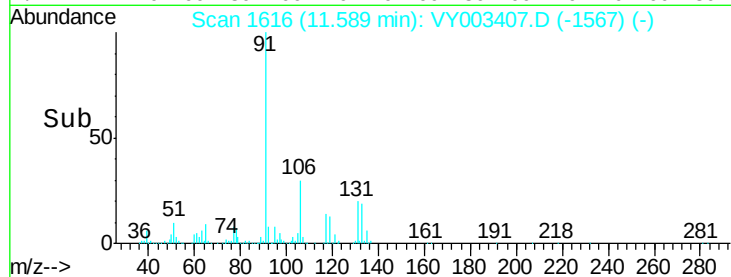
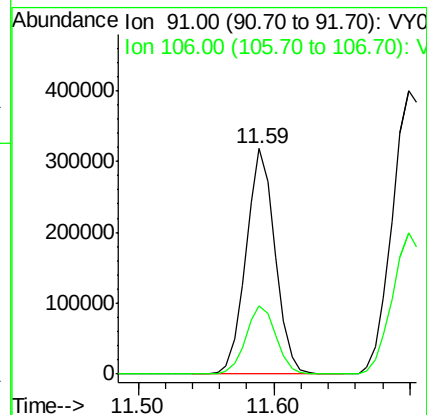
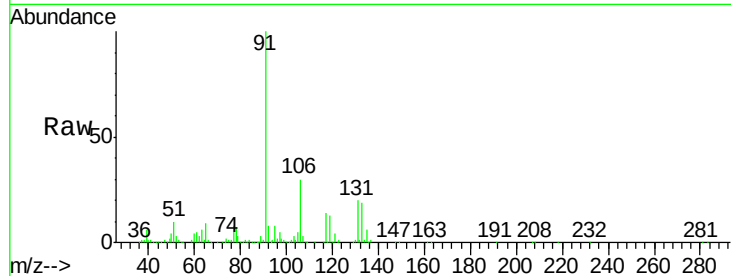
VY0803SBS01

Tot Ion: 91 Resp: 474559

Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



#68

m/p-Xylenes

Concen: 41.778 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003407.D

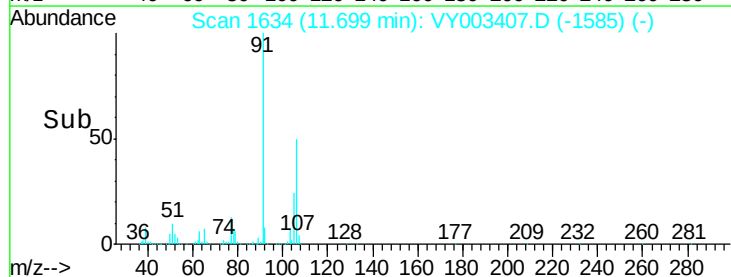
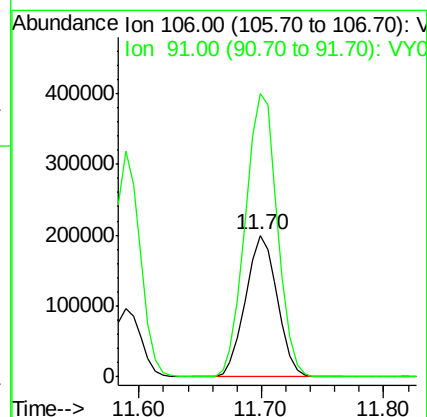
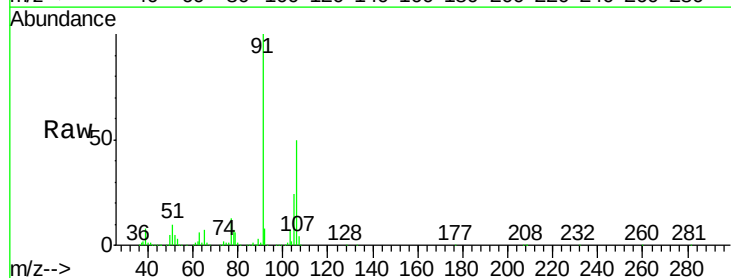
Acq: 03 Aug 2020 11:16

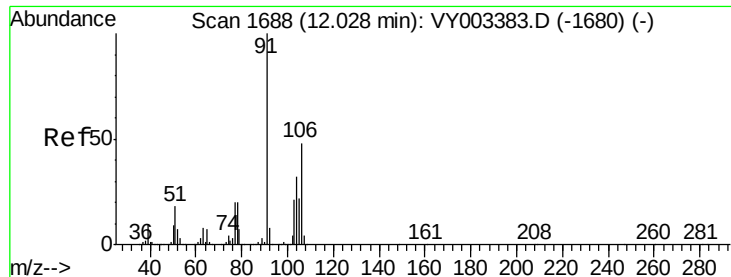
Tgt Ion: 106 Resp: 359088

Ion Ratio Lower Upper

106 100

91 201.9 161.0 241.6

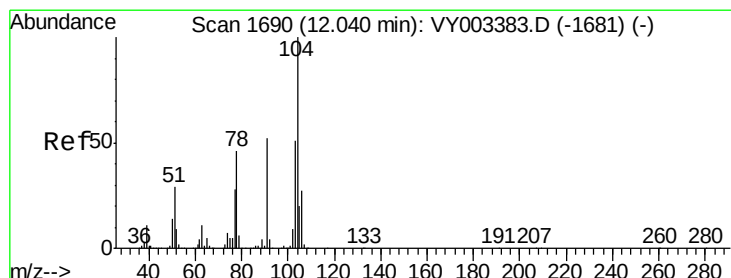
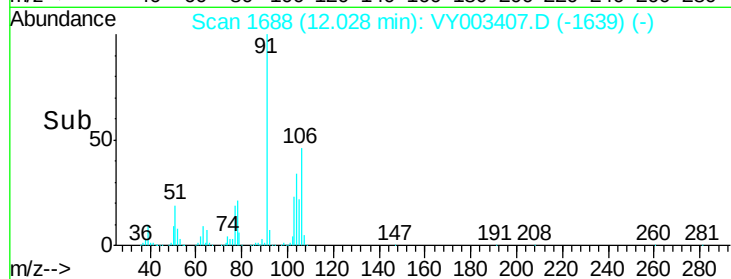
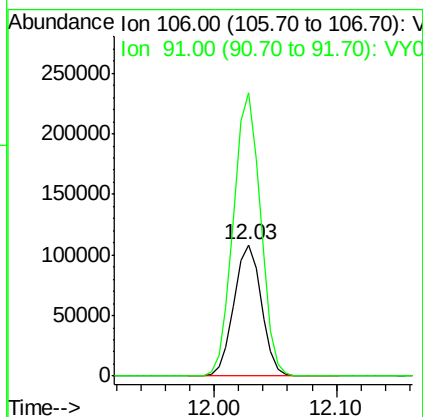
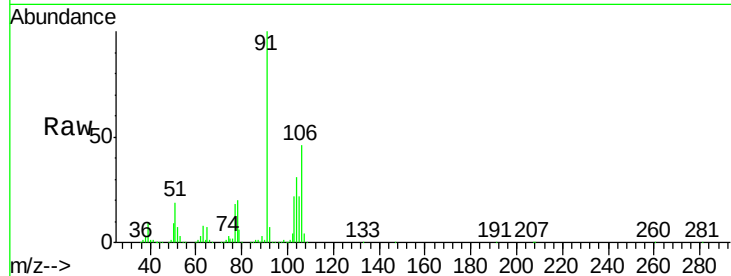




#69
o-Xylene
Concen: 20.854 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

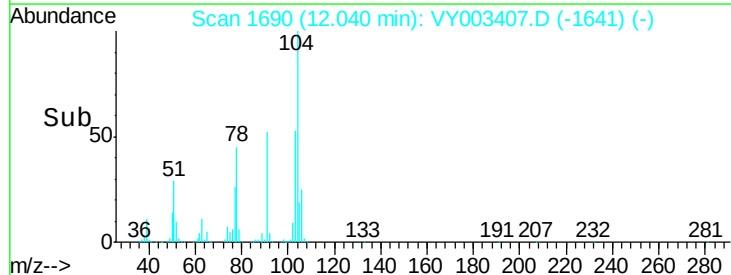
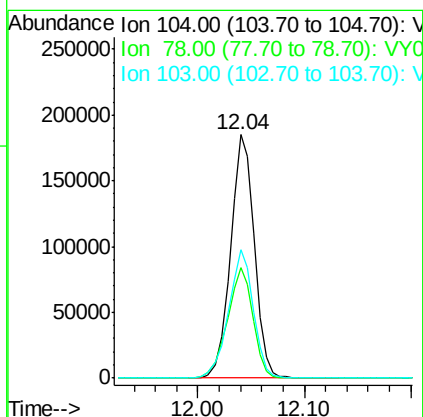
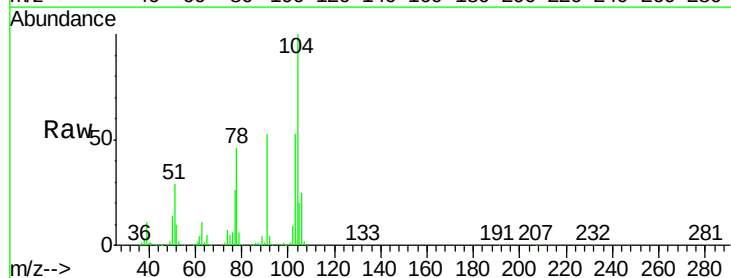
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

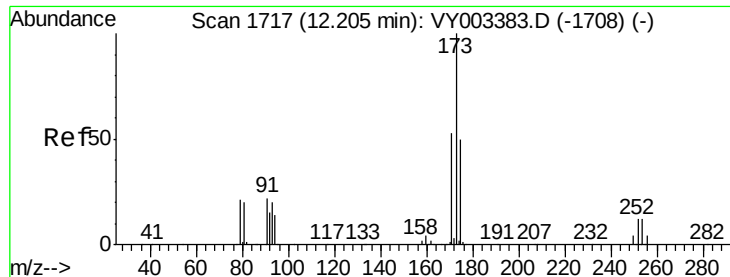
Tot Ion:106 Resp: 167796
Ion Ratio Lower Upper
106 100
91 213.5 104.6 313.7



#70
Styrene
Concen: 20.930 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion:104 Resp: 288145
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 55.1 43.7 65.5





#71

Bromoform

Concen: 20.792 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

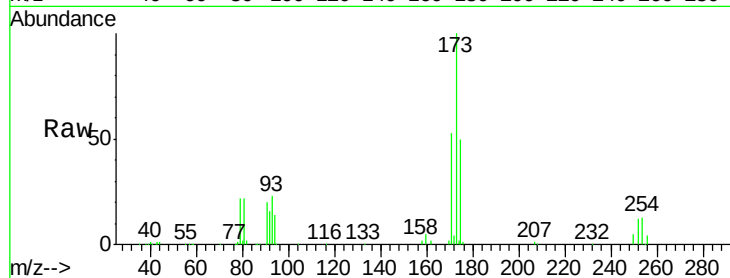
Tot Ion:173 Resp: 66451

Ion Ratio Lower Upper

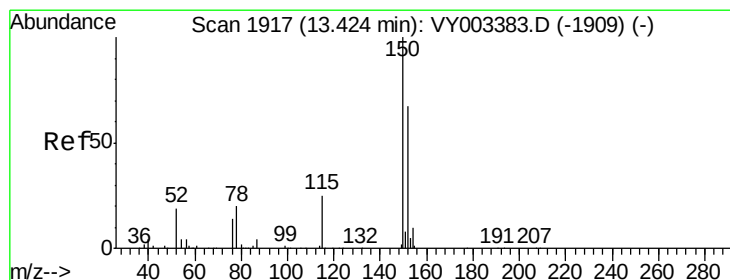
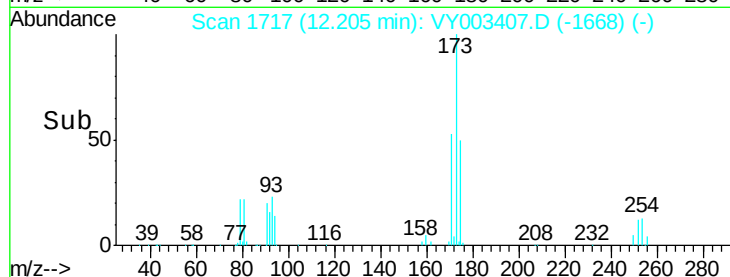
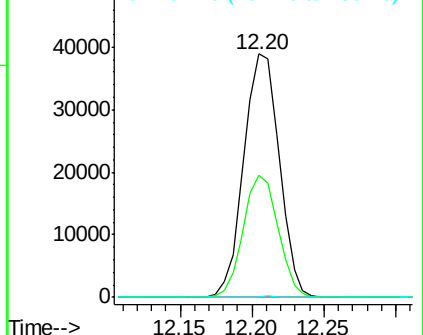
173 100

175 49.4 24.1 72.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

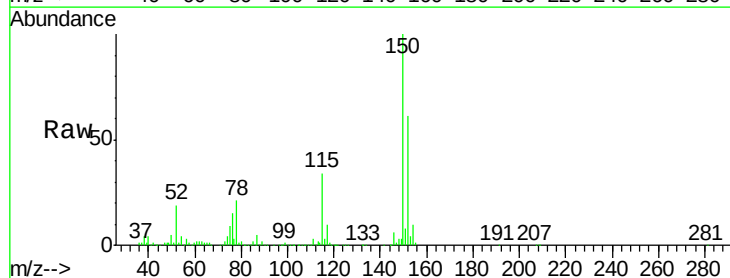
Tgt Ion:152 Resp: 347294

Ion Ratio Lower Upper

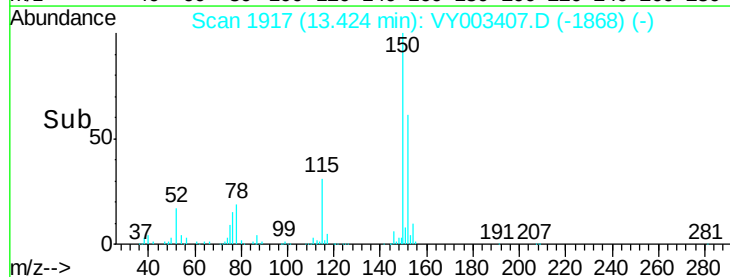
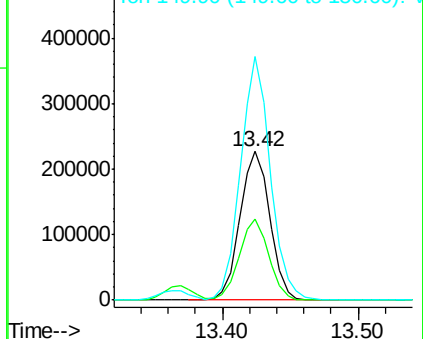
152 100

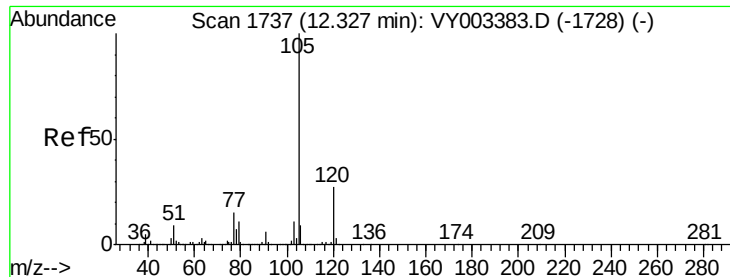
115 53.7 27.2 81.5

150 163.2 0.0 346.8



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





#73

Isopropylbenzene

Concen: 20.403 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

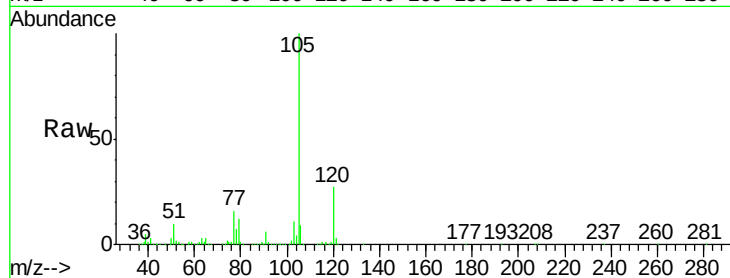
VY0803SBS01

Tot Ion:105 Resp: 457966

Ion Ratio Lower Upper

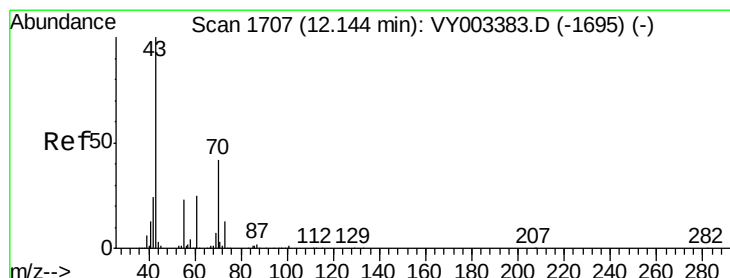
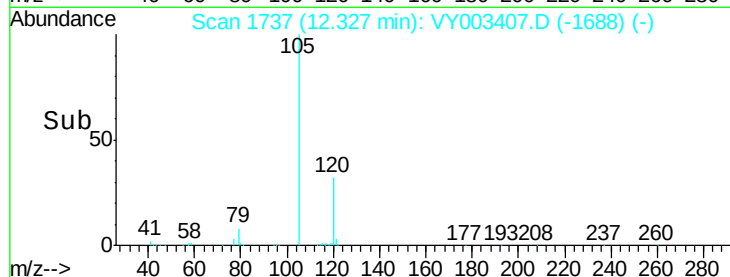
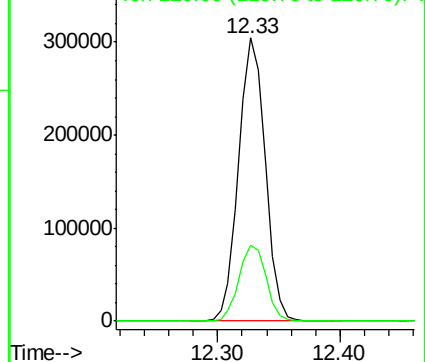
105 100

120 27.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.024 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Tgt Ion: 43 Resp: 139086

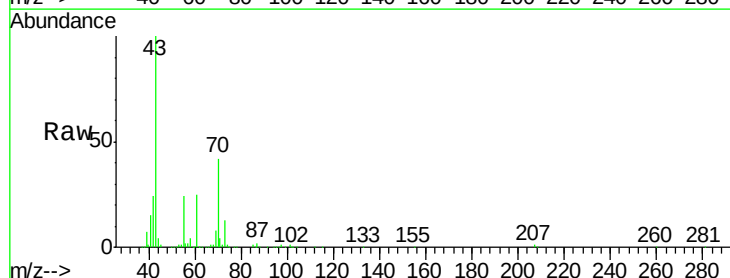
Ion Ratio Lower Upper

43 100

70 41.3 33.6 50.4

55 24.6 18.5 27.7

61 25.1 19.8 29.8

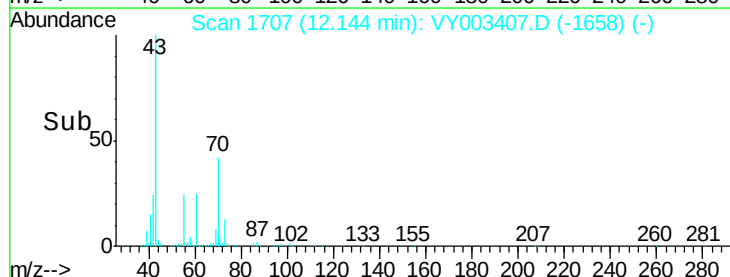
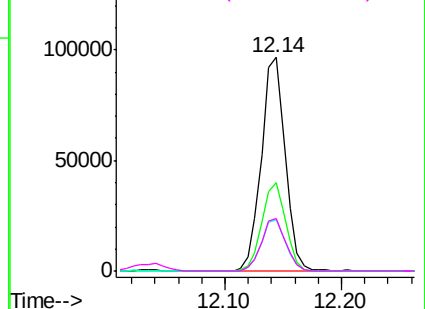


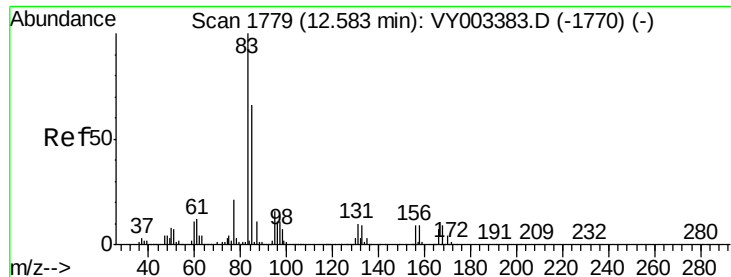
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 20.762 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

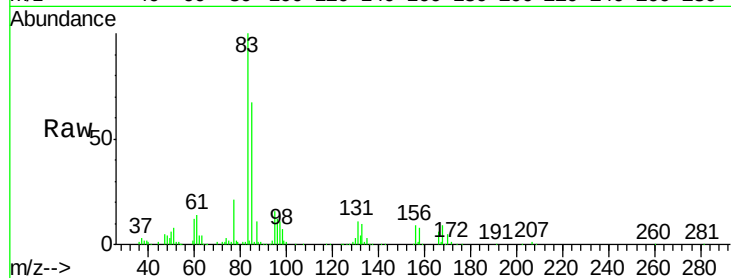
Tot Ion: 83 Resp: 92309

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

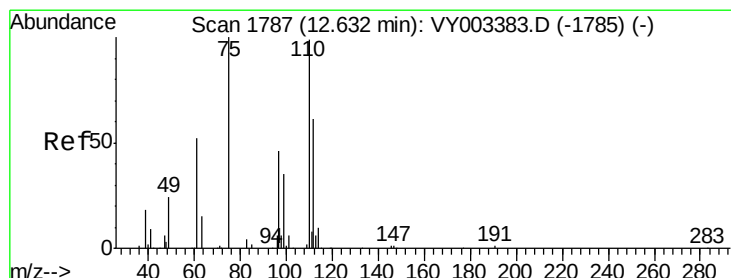
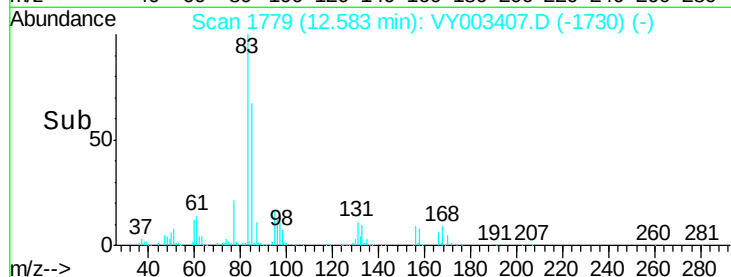
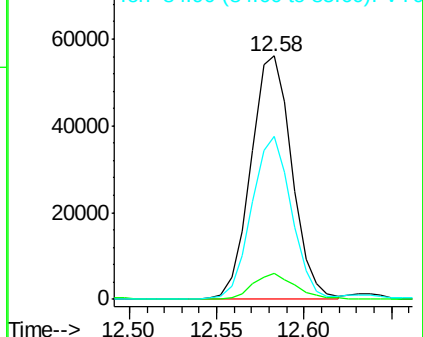
85 64.8 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 40.943 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003407.D

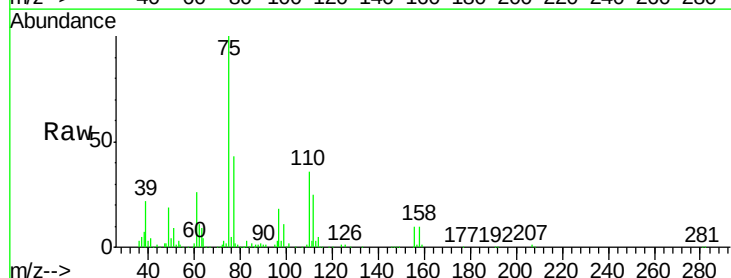
Acq: 03 Aug 2020 11:16

Tgt Ion: 75 Resp: 127737

Ion Ratio Lower Upper

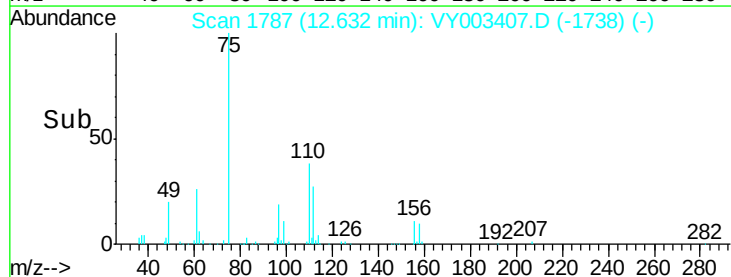
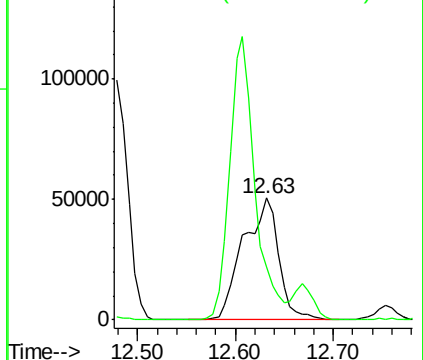
75 100

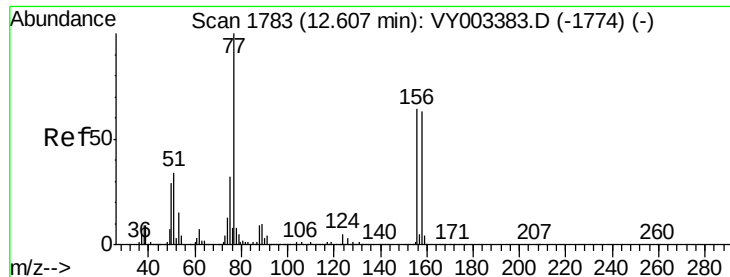
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.817 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

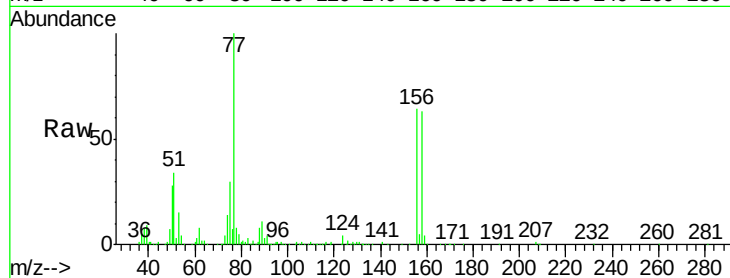
Tot Ion:156 Resp: 118723

Ion Ratio Lower Upper

156 100

77 176.3 87.5 262.5

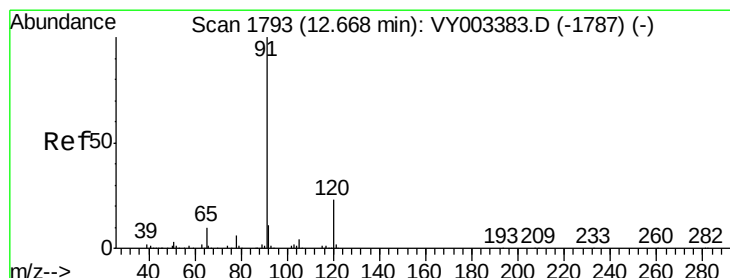
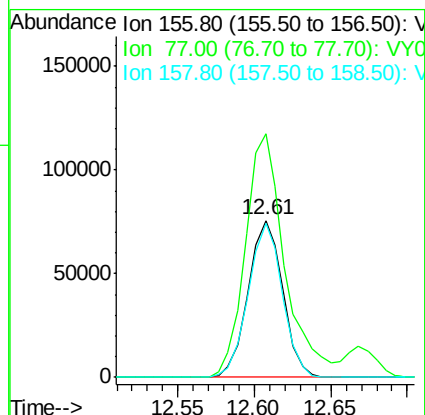
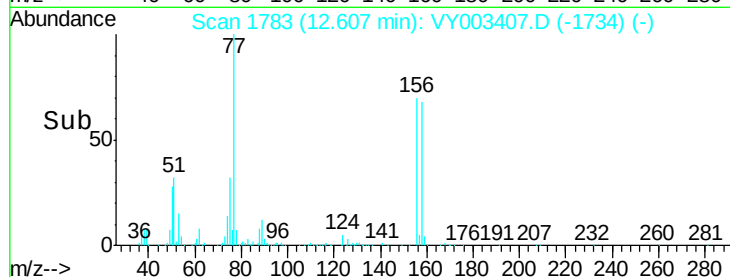
158 97.0 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.642 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003407.D

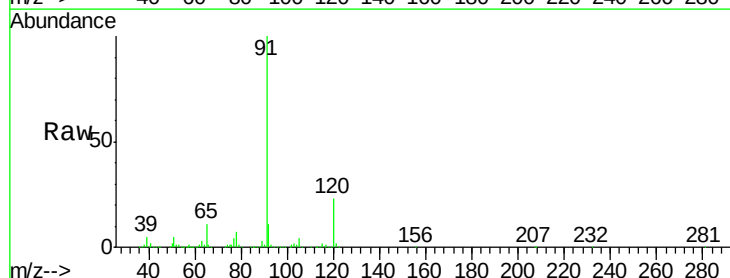
Acq: 03 Aug 2020 11:16

Tgt Ion: 91 Resp: 554517

Ion Ratio Lower Upper

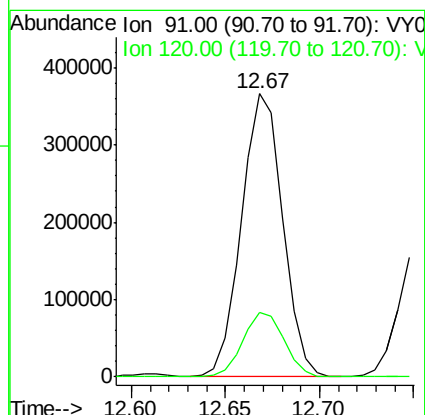
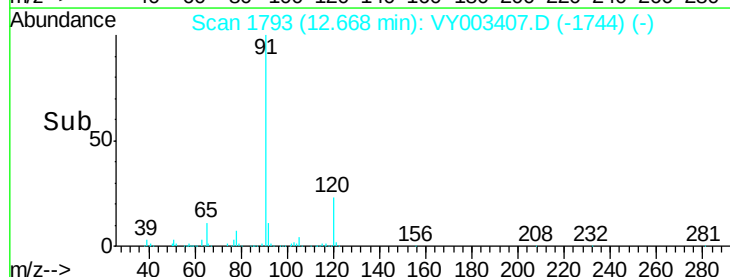
91 100

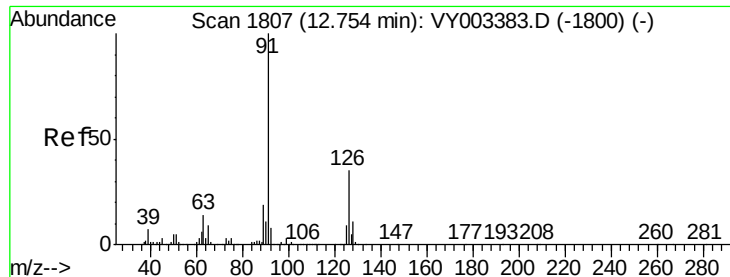
120 23.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

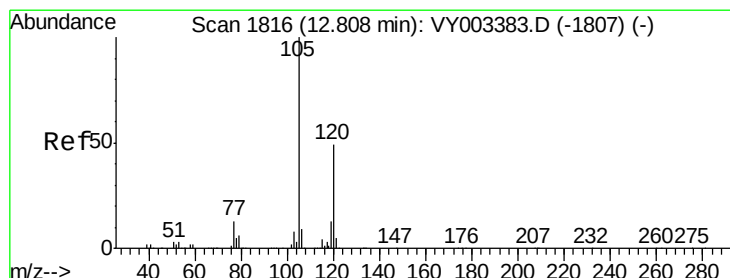
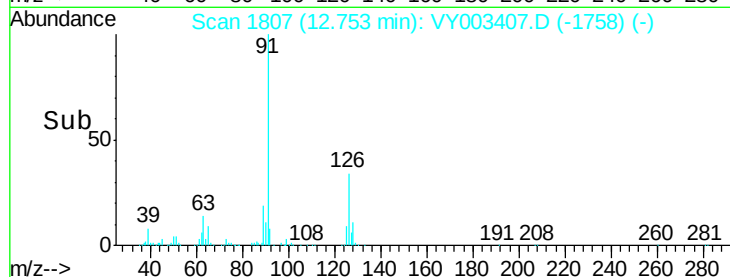
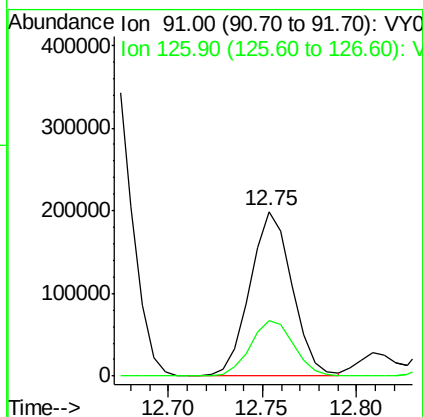
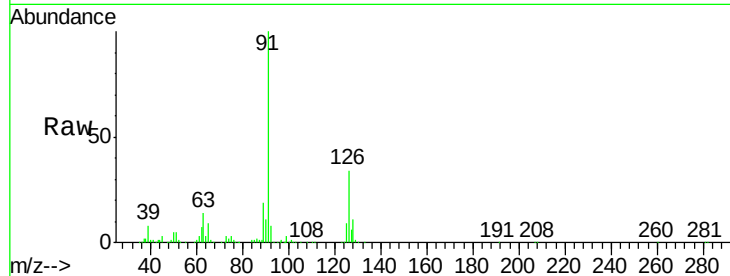




#79
 2-Chlorotoluene
 Concen: 20.695 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

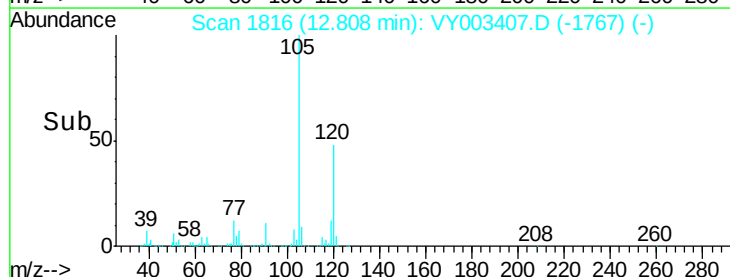
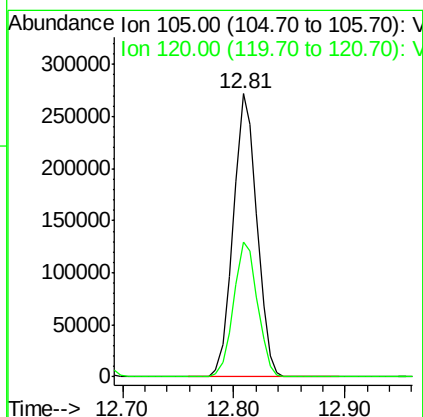
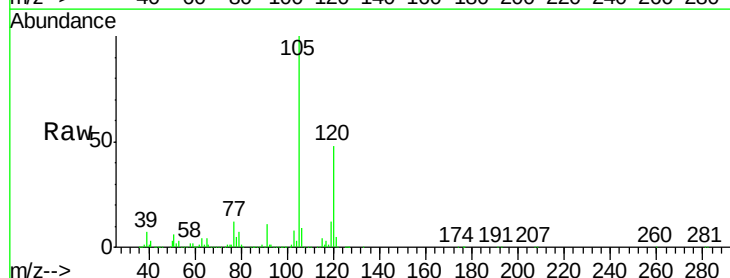
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

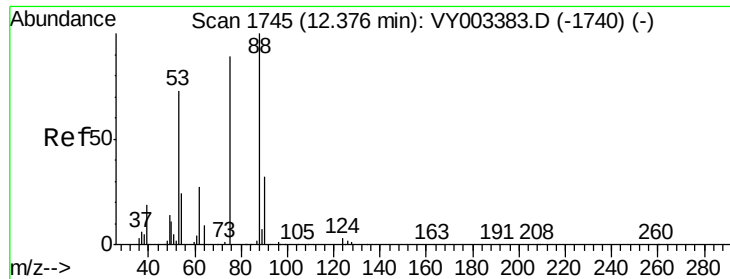
Tot Ion: 91 Resp: 308464
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.098 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion: 105 Resp: 397601
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.403 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

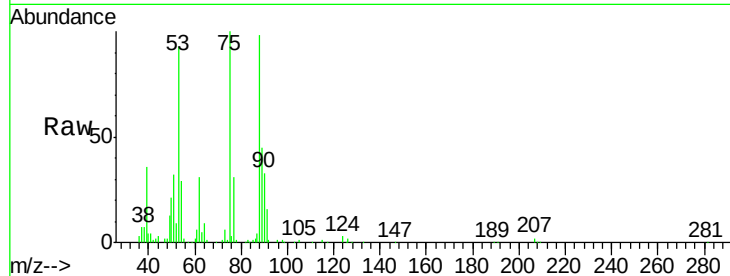
Tot Ion: 75 Resp: 35308

Ion Ratio Lower Upper

75 100

53 89.4 69.5 104.3

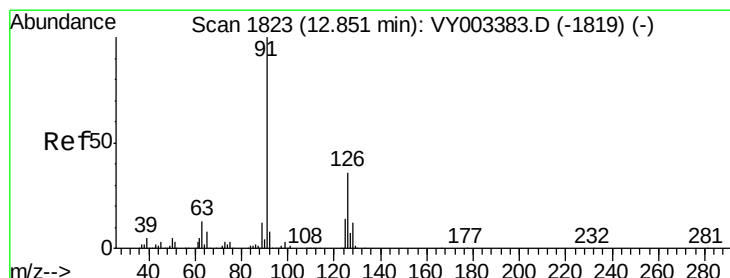
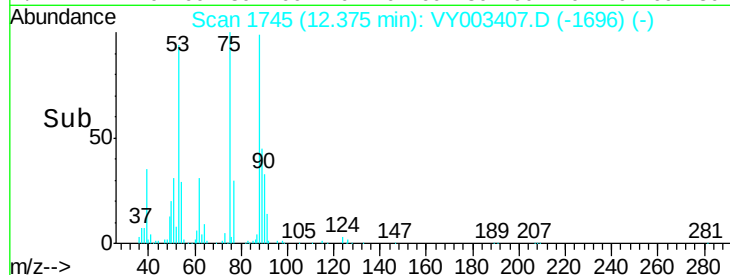
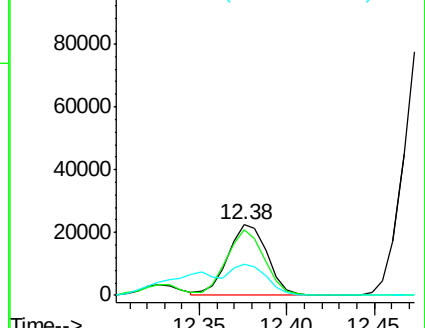
89 39.4 33.8 50.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.763 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003407.D

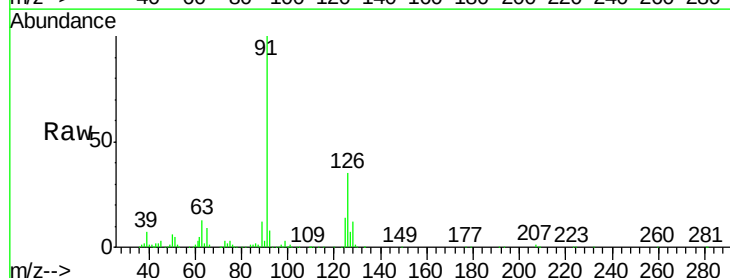
Acq: 03 Aug 2020 11:16

Tgt Ion: 91 Resp: 321584

Ion Ratio Lower Upper

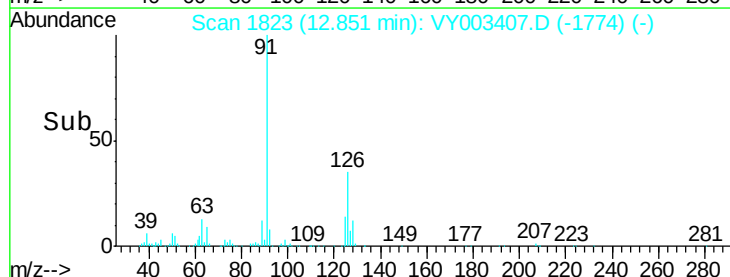
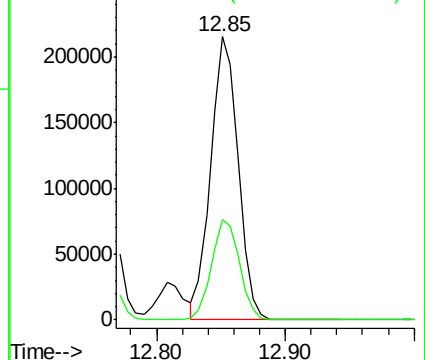
91 100

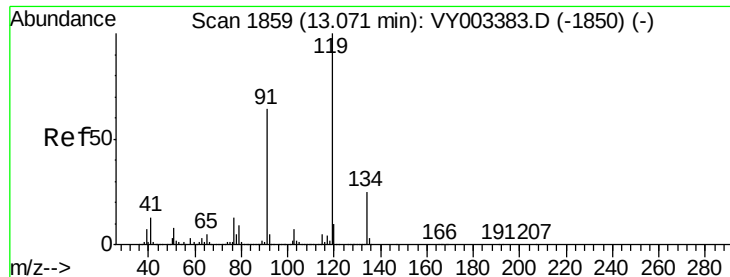
126 36.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.160 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBS01

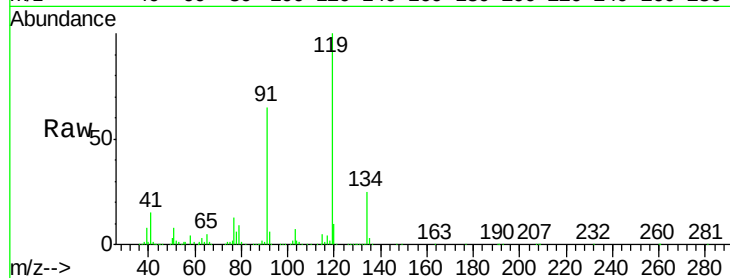
Tot Ion:119 Resp: 346202

Ion Ratio Lower Upper

119 100

91 61.9 31.8 95.3

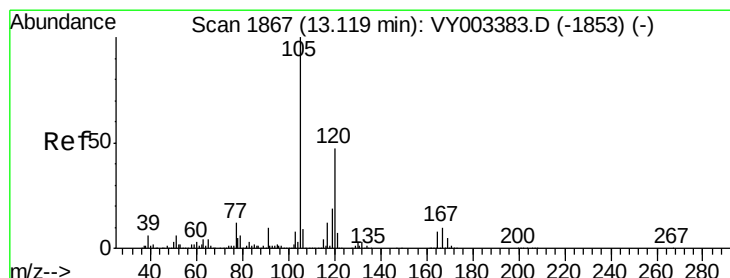
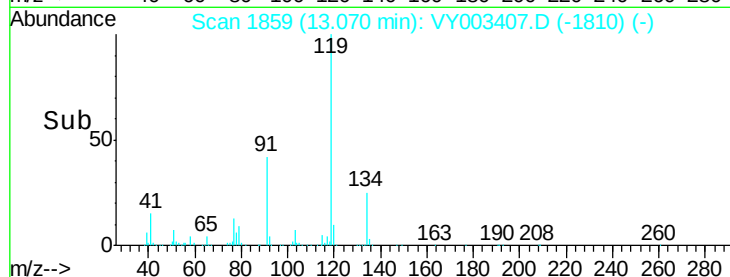
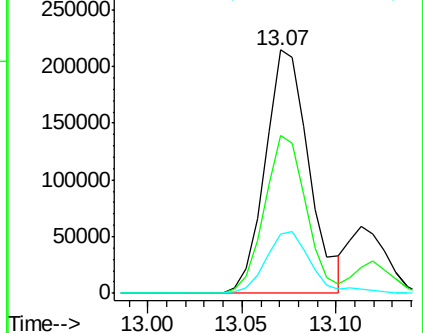
134 26.3 13.6 40.8



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: 20.609 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003407.D

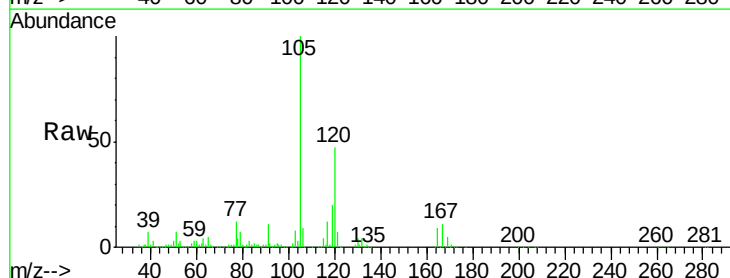
Acq: 03 Aug 2020 11:16

Tgt Ion:105 Resp: 390356

Ion Ratio Lower Upper

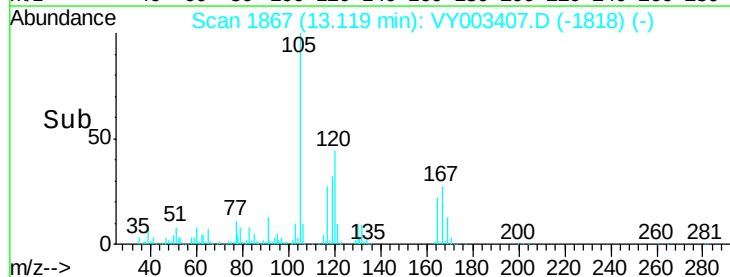
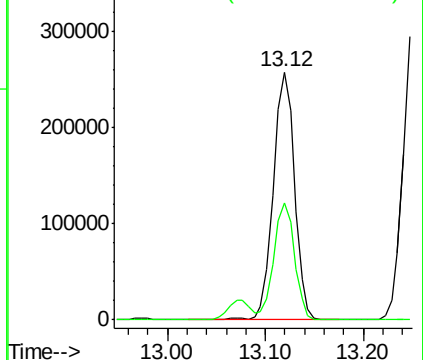
105 100

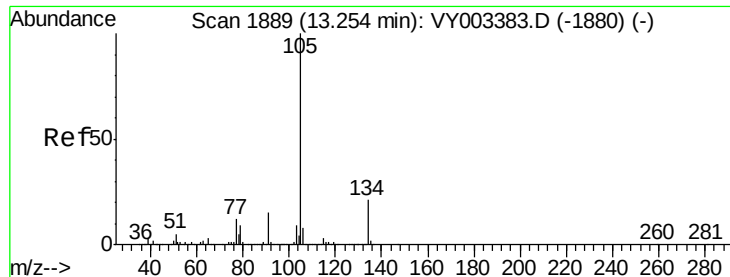
120 46.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.001 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

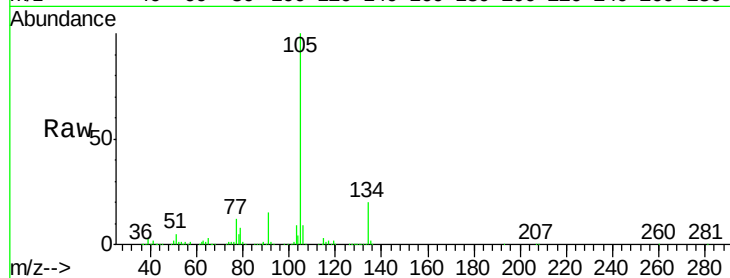
VY0803SBS01

Tot Ion:105 Resp: 477940

Ion Ratio Lower Upper

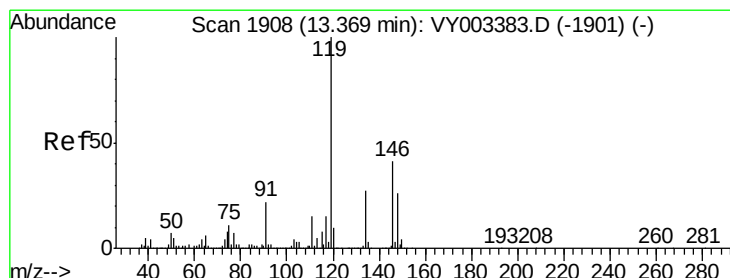
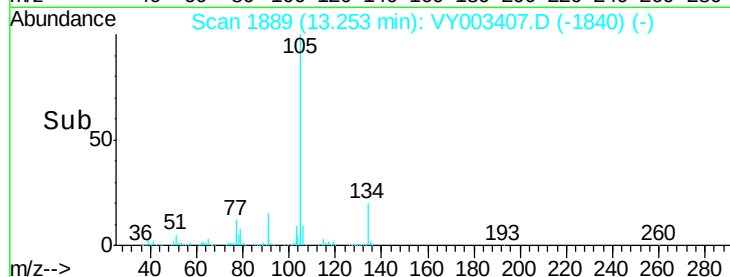
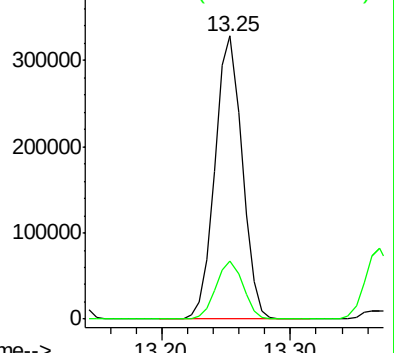
105 100

134 20.5 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.708 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003407.D

Acq: 03 Aug 2020 11:16

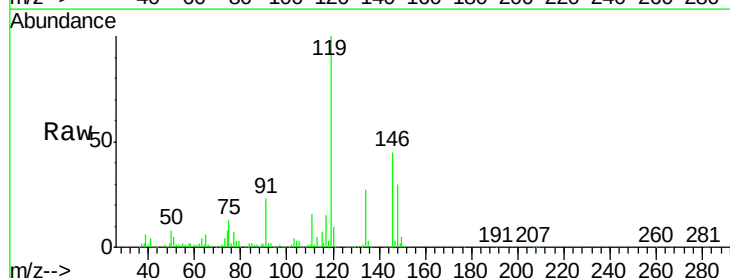
Tgt Ion:119 Resp: 440786

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

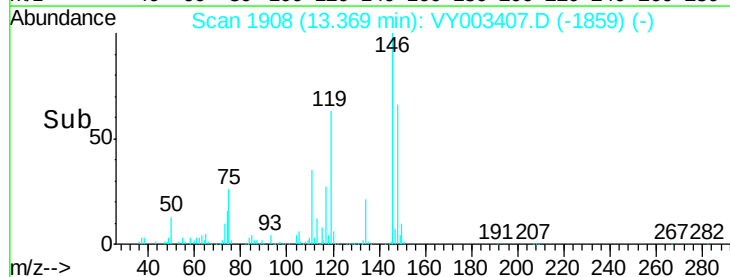
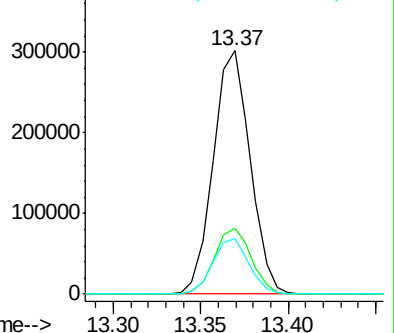
91 22.5 11.4 34.1

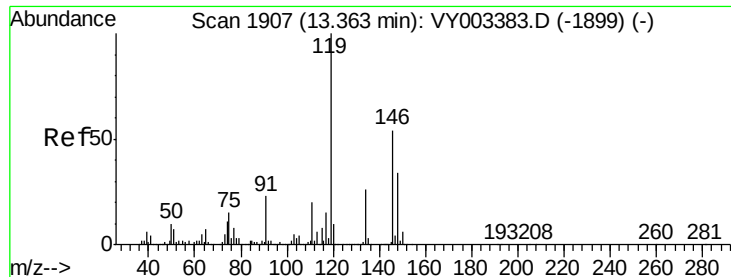


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

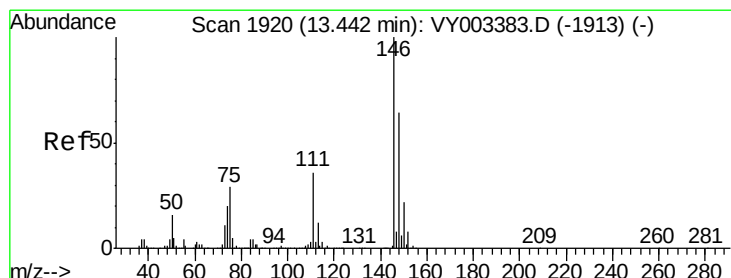
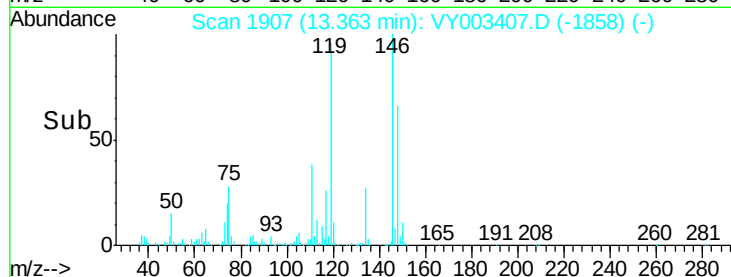
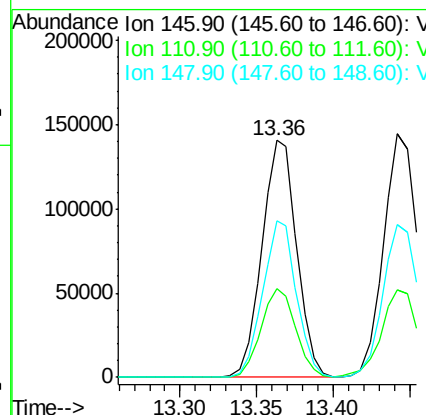
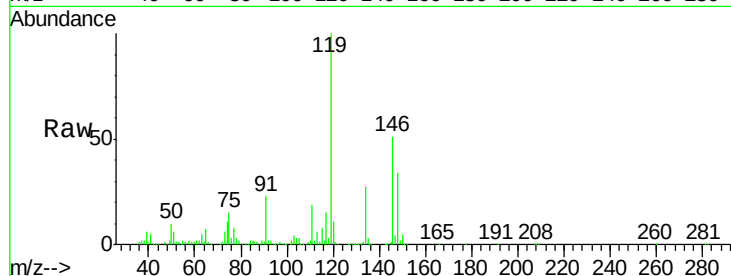




#87
 1,3-Dichlorobenzene
 Concen: 20.417 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

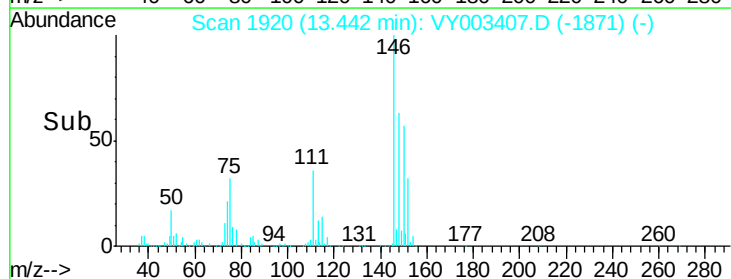
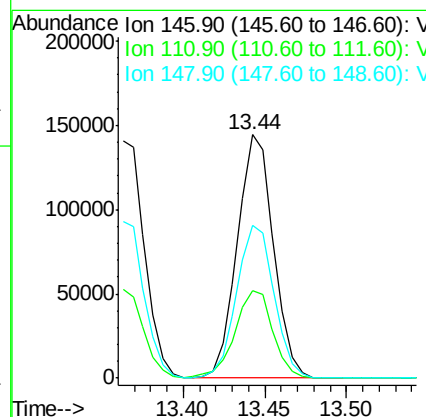
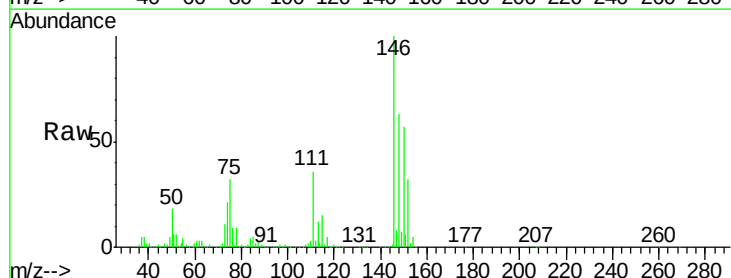
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

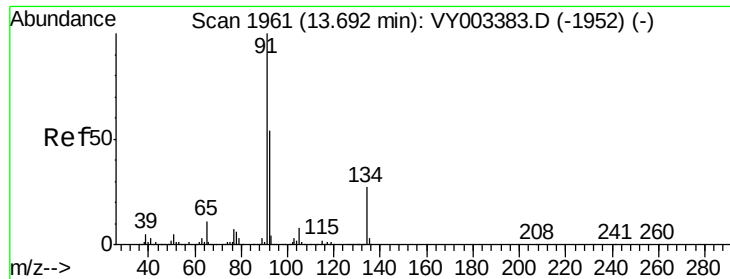
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	64.1	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.771 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.3
148	65.0	32.1	96.3

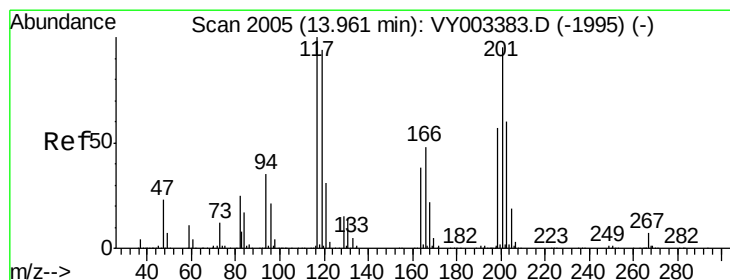
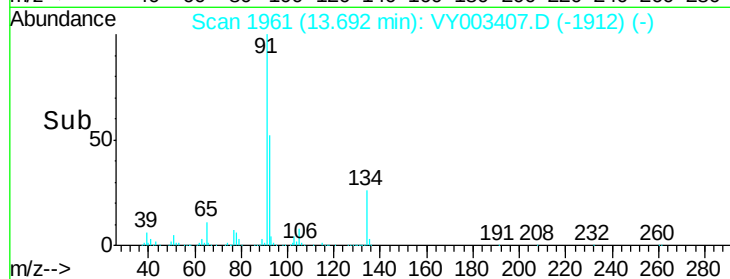
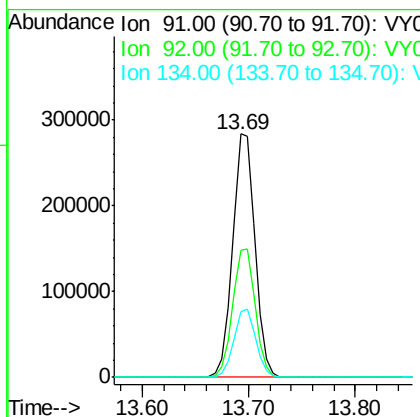
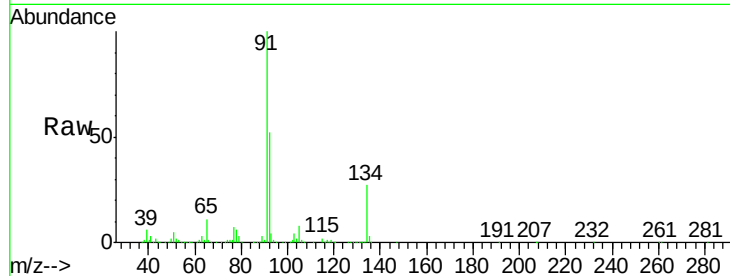




#89
n-Butylbenzene
Concen: 20.802 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

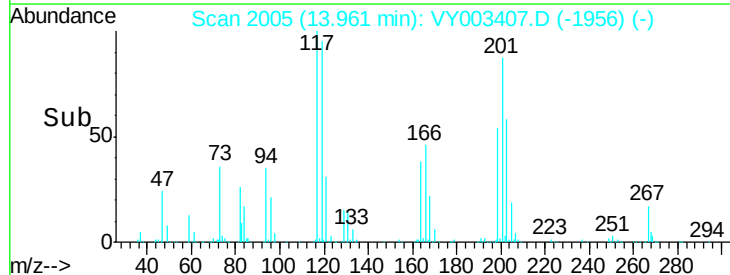
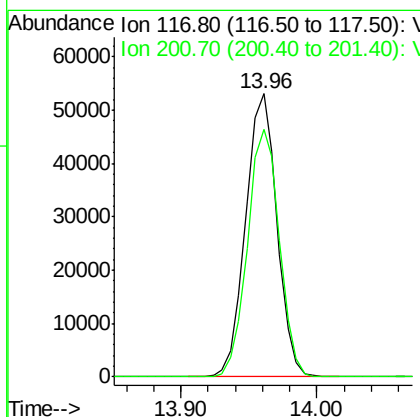
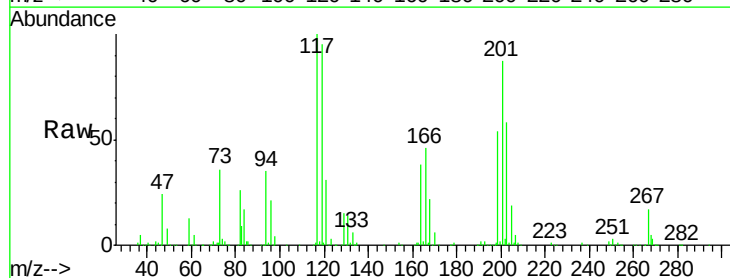
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

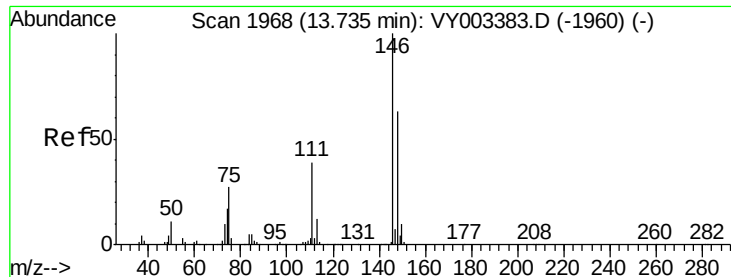
Tot Ion: 91 Resp: 418434
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.6
134 27.6 13.6 40.7



#90
Hexachloroethane
Concen: 21.050 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion: 117 Resp: 85833
Ion Ratio Lower Upper
117 100
201 88.7 44.7 134.1

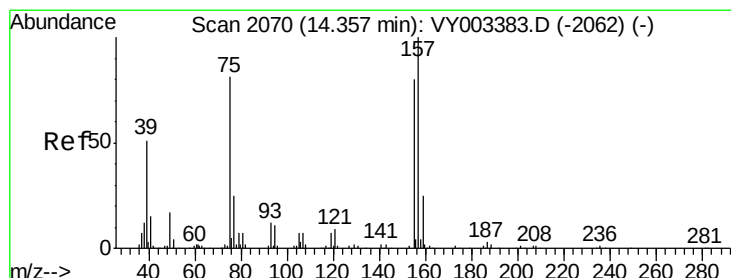
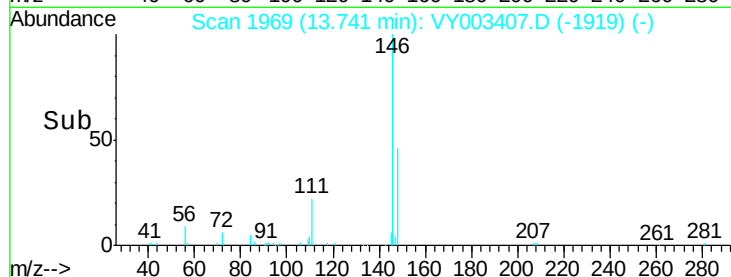
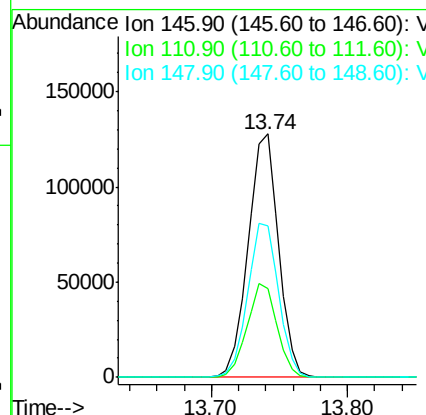
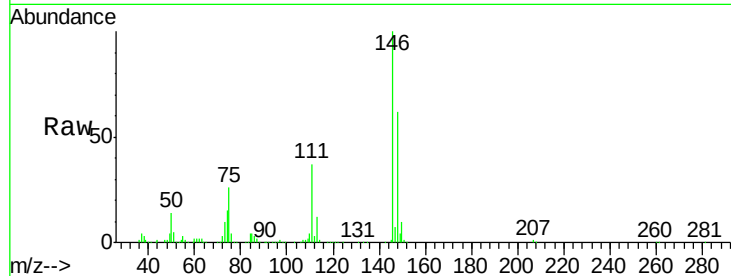




#91
 1,2-Dichlorobenzene
 Concen: 20.759 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

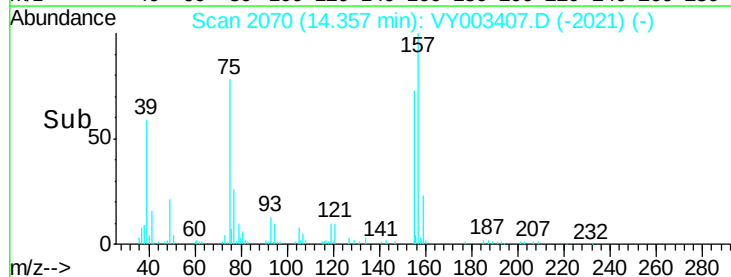
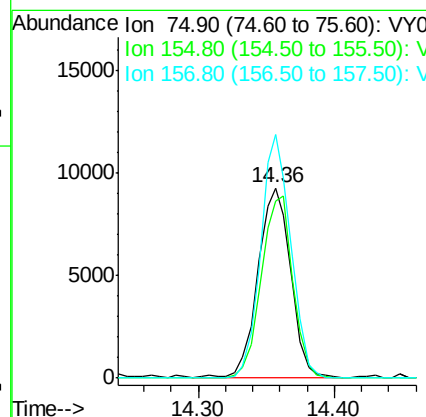
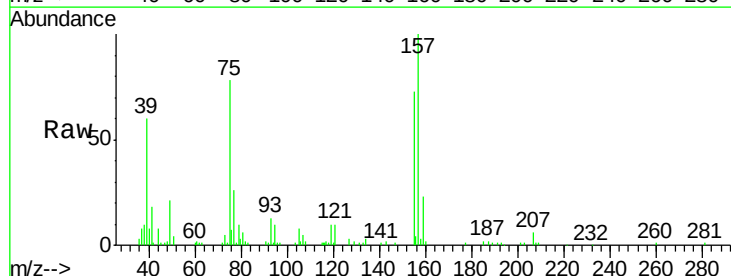
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

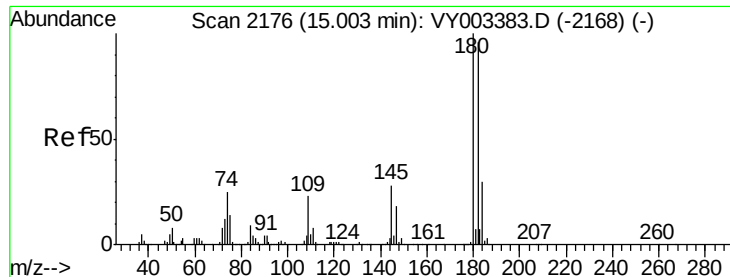
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.2	57.6
148	64.3	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.954 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	48.8	146.4
157	116.4	60.9	182.6

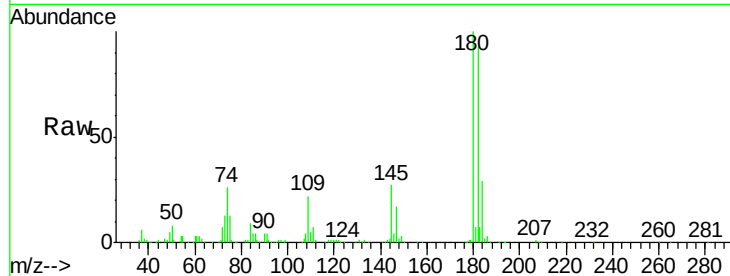




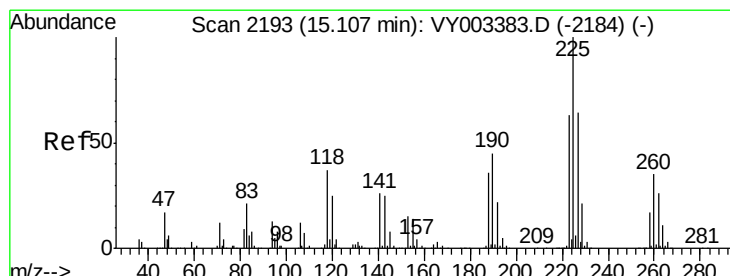
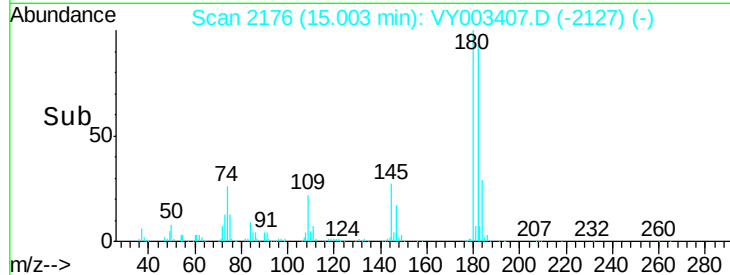
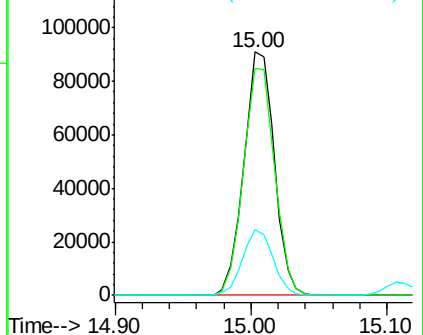
#93
 1,2,4-Trichlorobenzene
 Concen: 20.946 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Tot Ion:180 Resp: 142739
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.2 144.6
 145 27.2 13.8 41.3

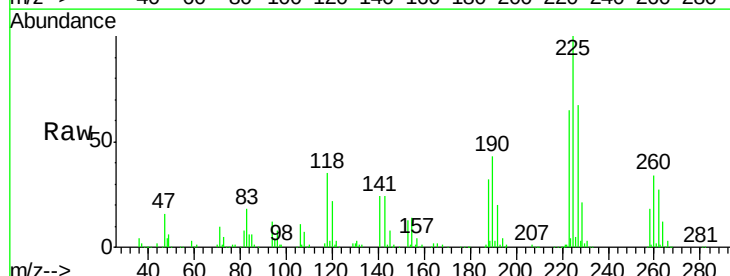


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

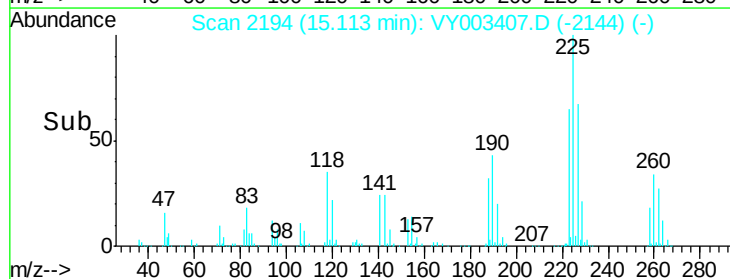
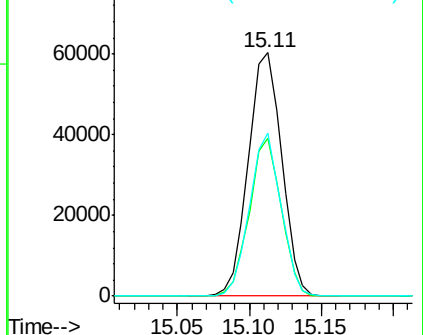


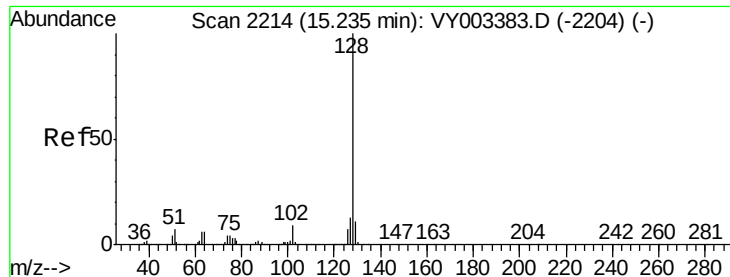
#94
 Hexachlorobutadiene
 Concen: 21.432 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003407.D
 Acq: 03 Aug 2020 11:16

Tgt Ion:225 Resp: 96724
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 94.8
 227 62.7 32.0 96.2



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

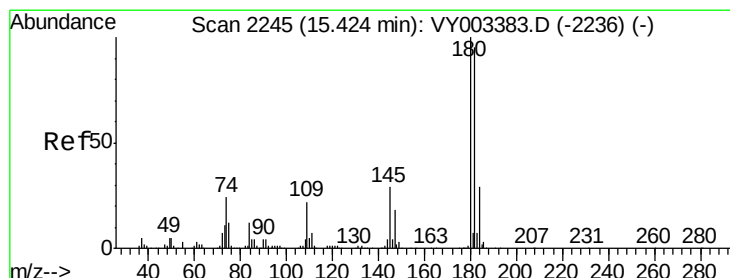
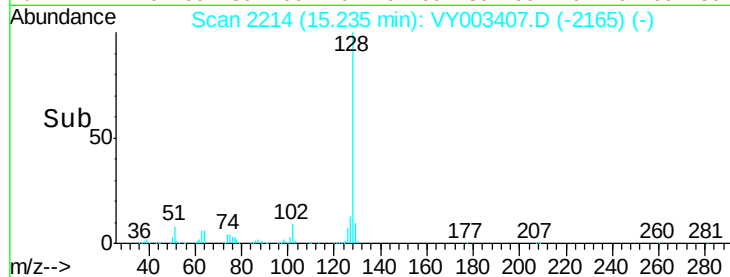
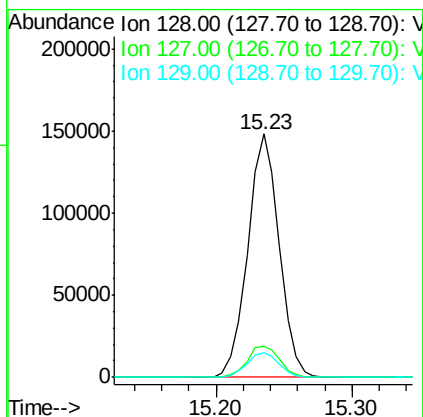
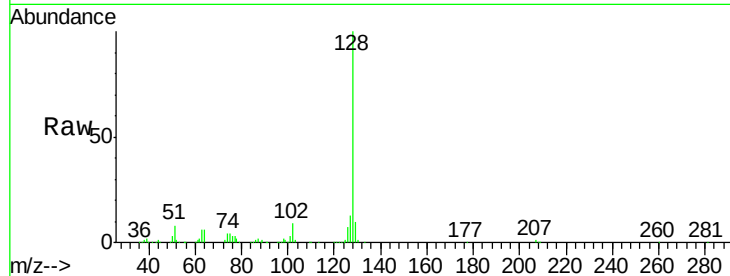




#95
Naphthalene
Concen: 20.716 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBS01

Tot Ion:128 Resp: 239140
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.656 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003407.D
Acq: 03 Aug 2020 11:16

Tgt Ion:180 Resp: 113882
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.2
145 29.9 14.5 43.5

