

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009666.D
 Acq On : 22 Jul 2022 17:46
 Operator : KP/MD
 Sample : N3837-03
 Misc : 3.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-3

Quant Time: Jul 23 00:55:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

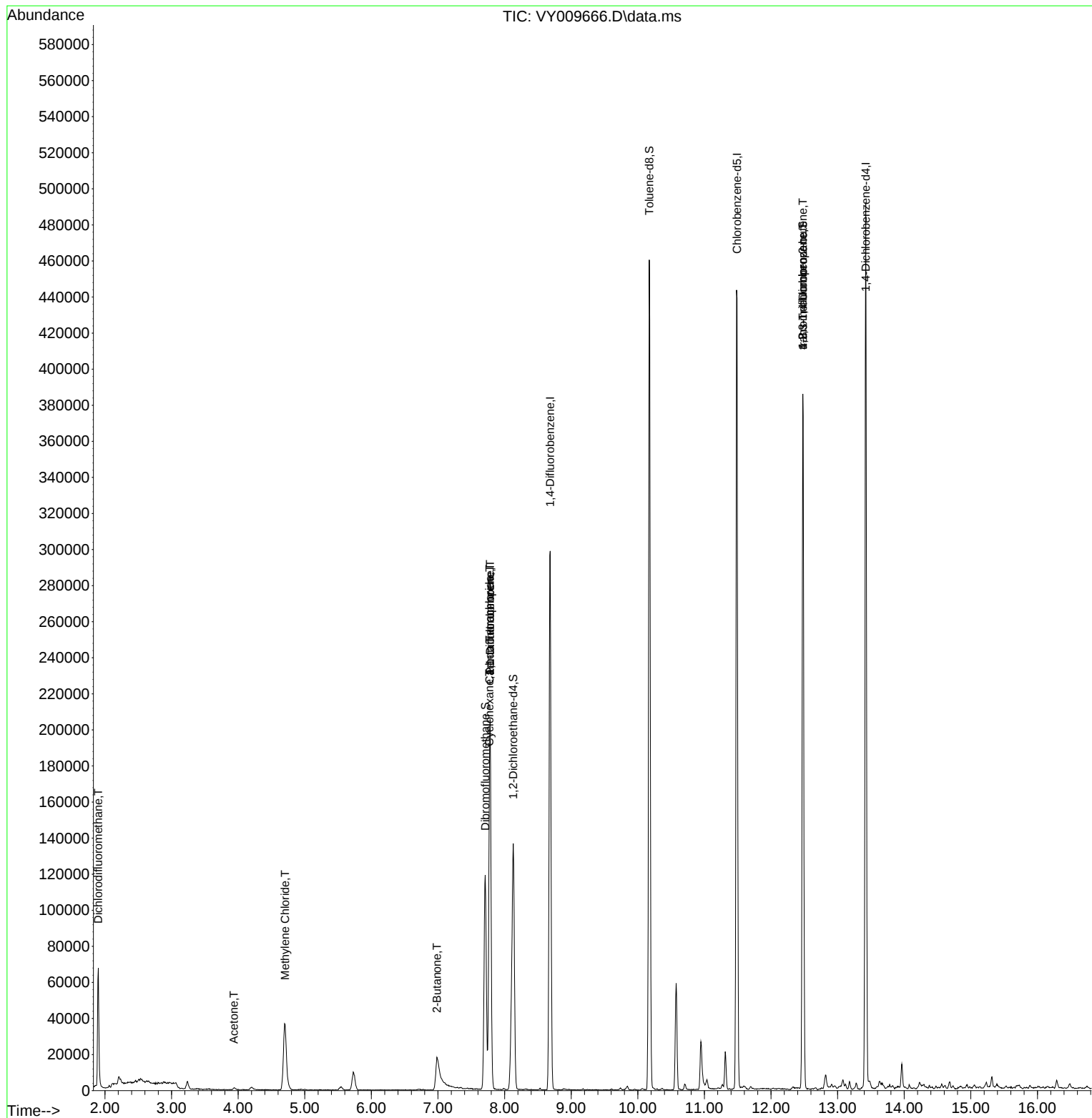
Internal Standards						
1) Pentafluorobenzene	7.783	168	172563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88482	54.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.440%	
35) Dibromofluoromethane	7.710	113	84016	49.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.080%	
50) Toluene-d8	10.173	98	306554	47.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.040%	
62) 4-Bromofluorobenzene	12.477	95	104506	49.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 98.940%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	51314	33.889	ug/l	Qvalue 97
11) Tert butyl alcohol	4.948	59	587	Below Cal	#	77
16) Acetone	3.936	43	2088	5.058	ug/l #	84
20) Methylene Chloride	4.704	84	29336	5.316	ug/l #	79
25) 2-Butanone	6.984	43	664	1.103	ug/l	98
31) Cyclohexane	7.771	56	3267	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11312	4.514	ug/l #	51
38) Carbon Tetrachloride	7.777	117	15759	6.007	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	53692	43.728	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53692	86.222	ug/l #	7

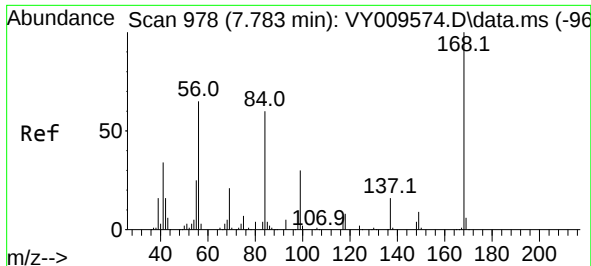
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009666.D
Acq On : 22 Jul 2022 17:46
Operator : KP/MD
Sample : N3837-03
Misc : 3.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PX-3

Quant Time: Jul 23 00:55:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

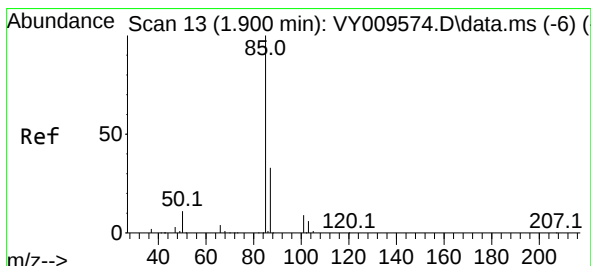
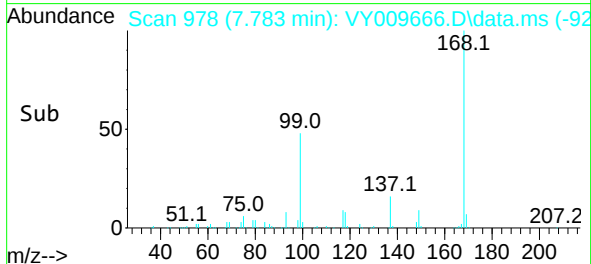
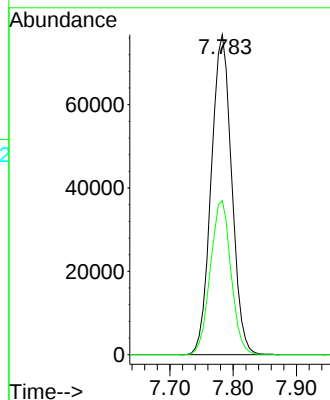
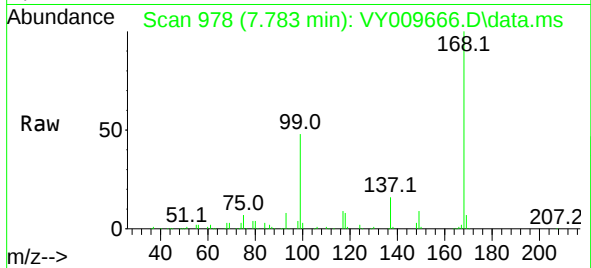




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

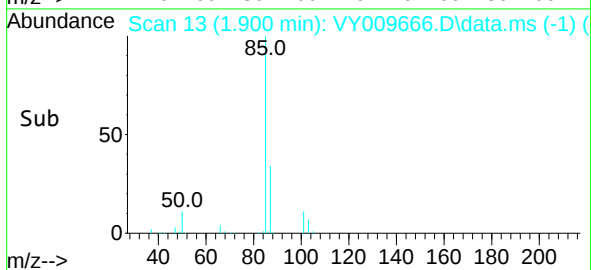
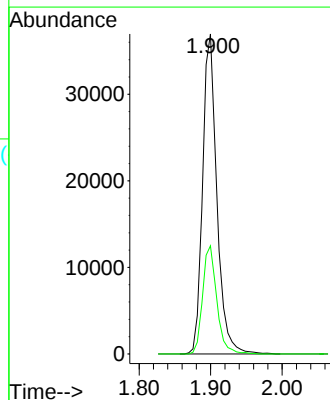
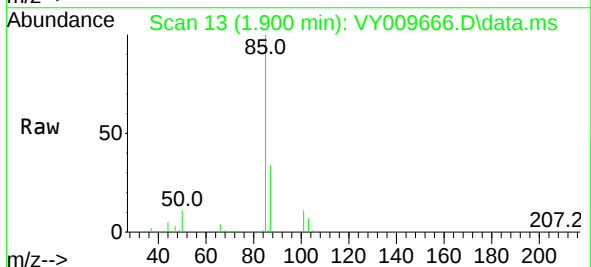
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

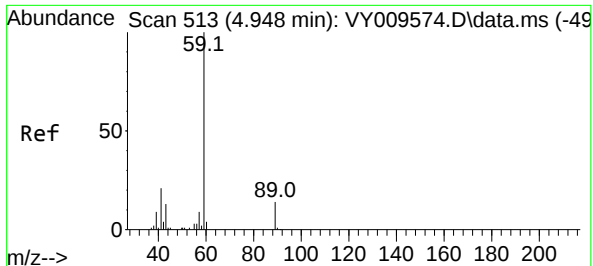
Tgt Ion:168 Resp: 172563
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 33.889 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Tgt Ion: 85 Resp: 51314
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY009666.D

Acq: 22 Jul 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

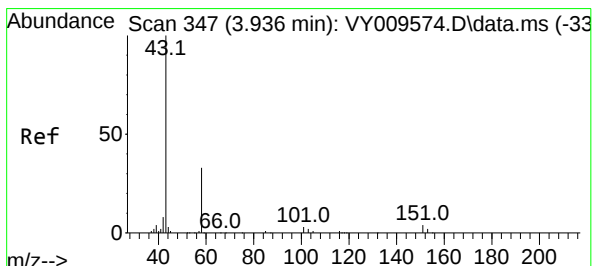
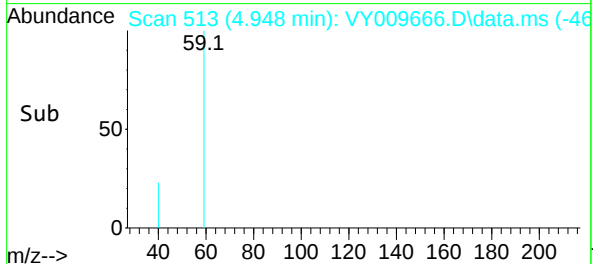
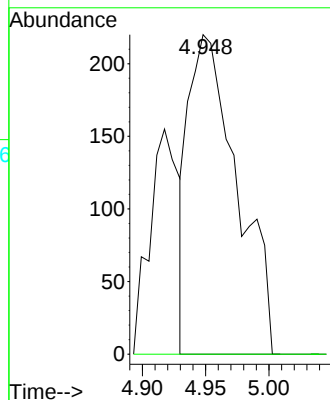
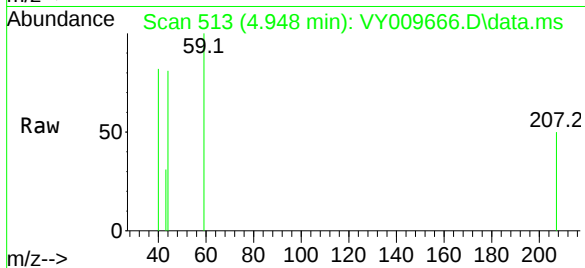
PX-3

Tgt Ion: 59 Resp: 587

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.058 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009666.D

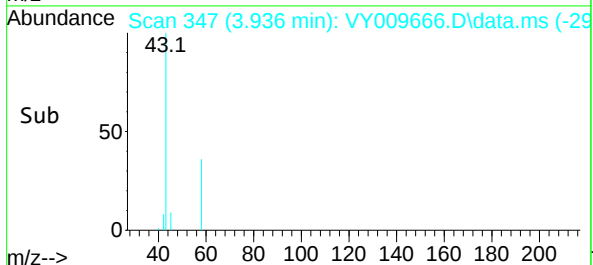
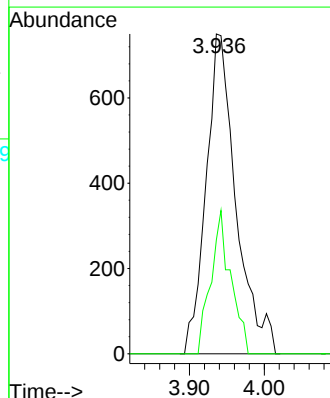
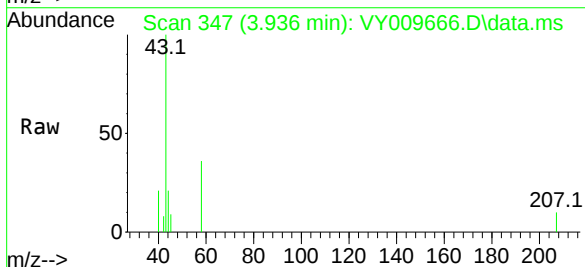
Acq: 22 Jul 2022 17:46

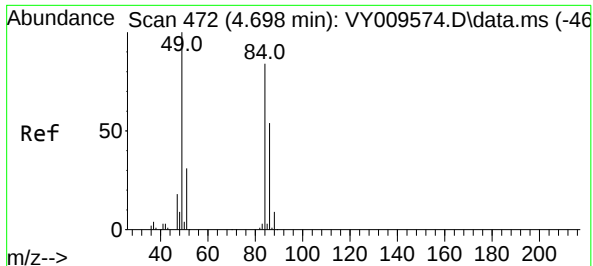
Tgt Ion: 43 Resp: 2088

Ion Ratio Lower Upper

43 100

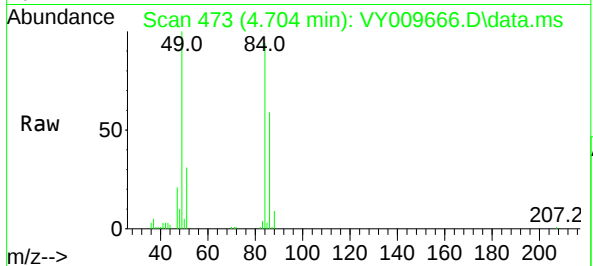
58 35.6 22.0 33.0#



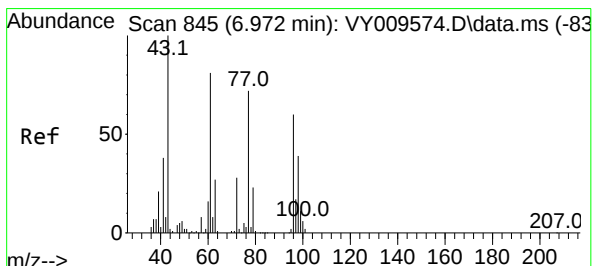
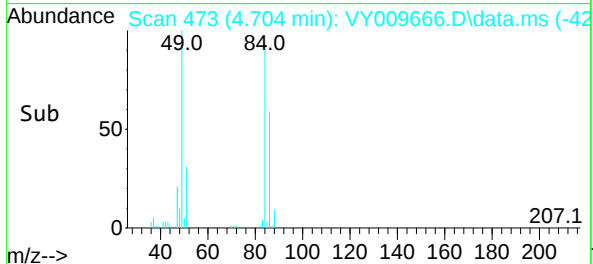
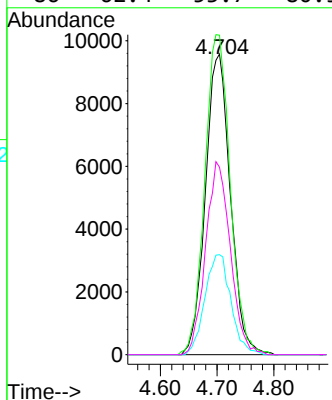


#20
Methylene Chloride
Concen: 5.316 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :
PX-3

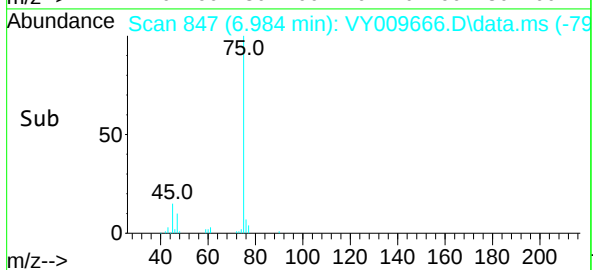
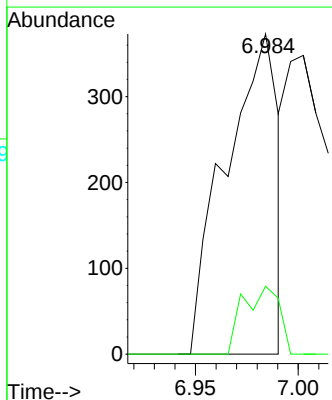
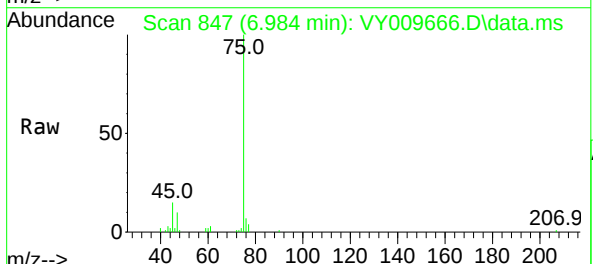


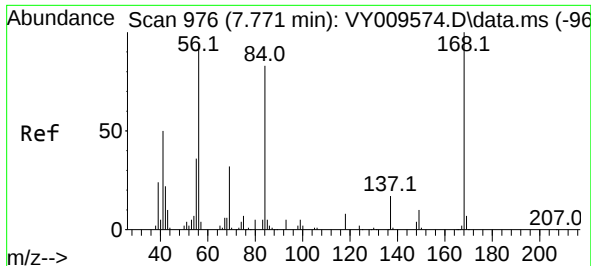
Tgt Ion: 84 Resp: 29336
Ion Ratio Lower Upper
84 100
49 106.3 114.4 171.6#
51 33.2 35.3 52.9#
86 62.4 53.7 80.5



#25
2-Butanone
Concen: 1.103 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
72 21.2 17.7 26.5

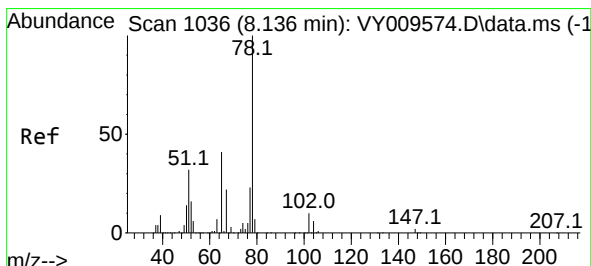
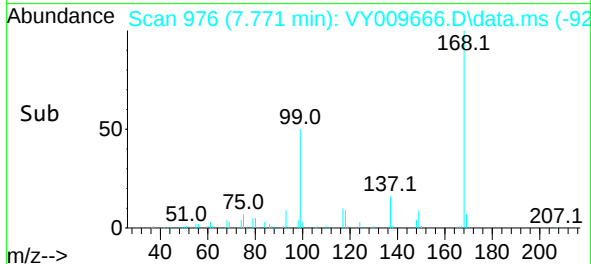
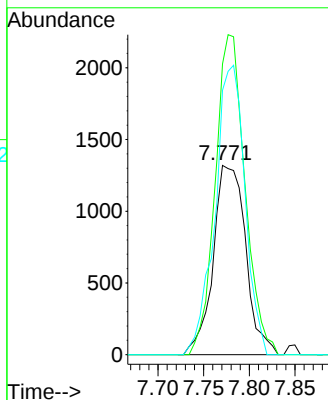
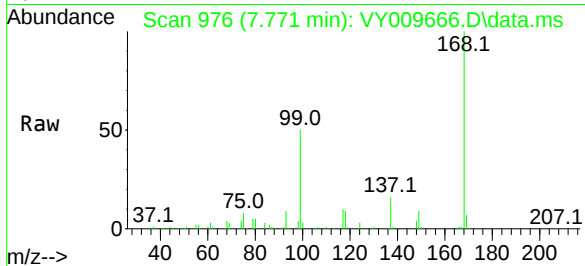




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

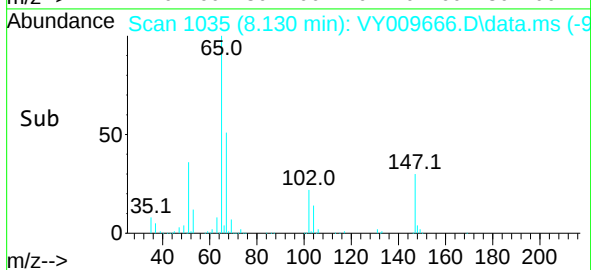
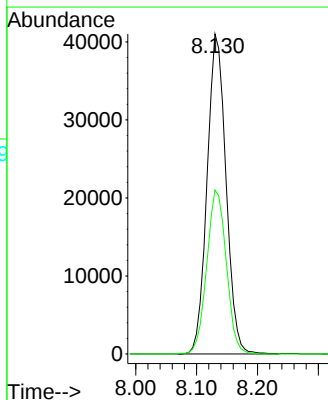
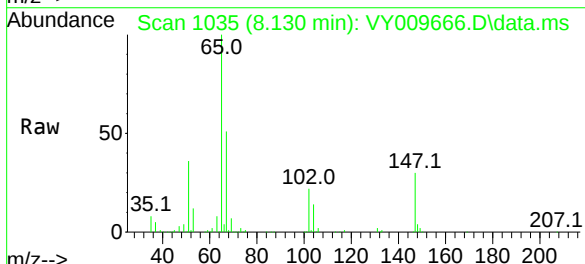
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

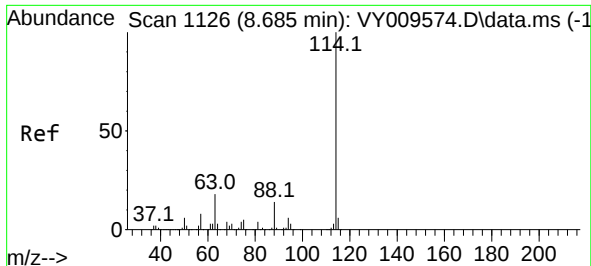
Tgt Ion: 56 Resp: 3267
Ion Ratio Lower Upper
56 100
69 153.6 26.7 40.1#
84 139.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.216 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Tgt Ion: 65 Resp: 88482
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009666.D

Acq: 22 Jul 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

PX-3

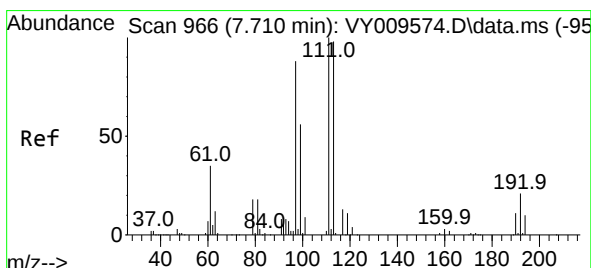
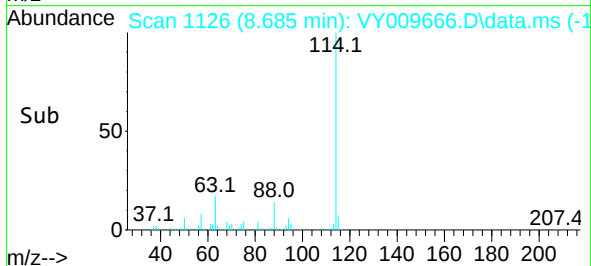
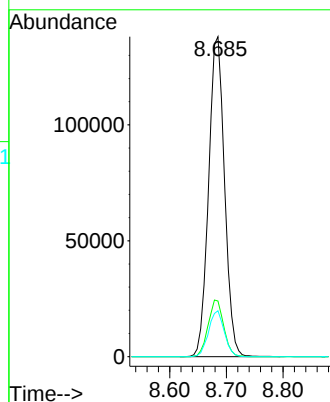
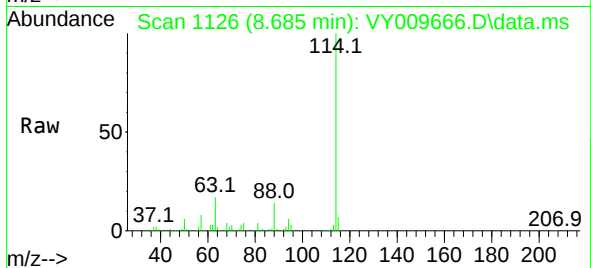
Tgt Ion:114 Resp: 269185

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.542 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009666.D

Acq: 22 Jul 2022 17:46

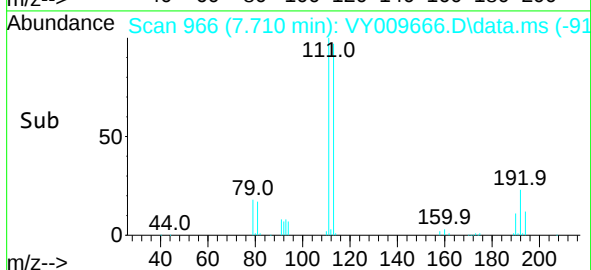
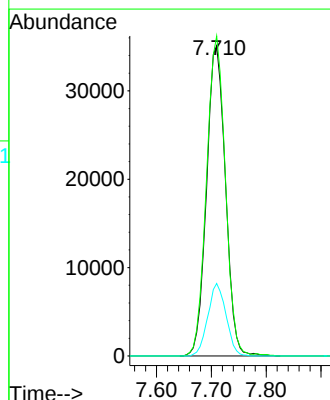
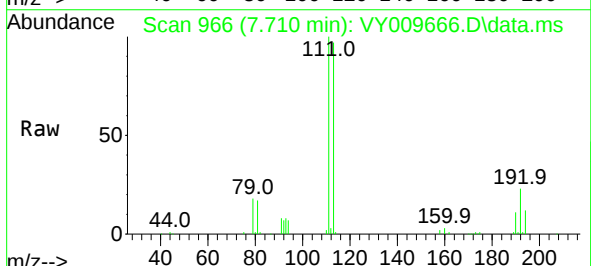
Tgt Ion:113 Resp: 84016

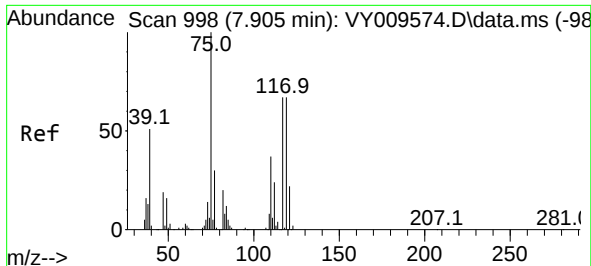
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 22.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.514 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009666.D

Acq: 22 Jul 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

PX-3

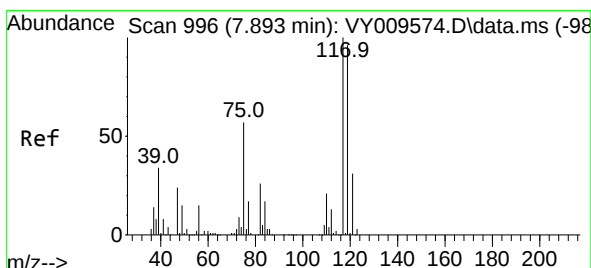
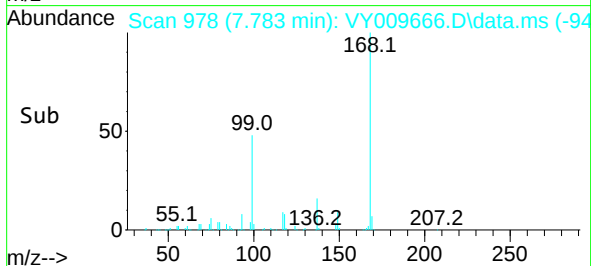
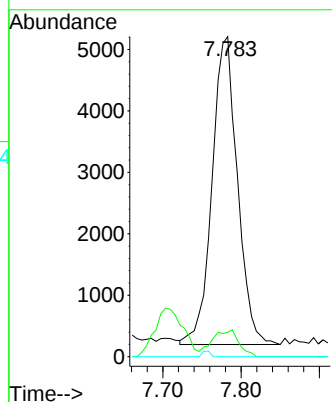
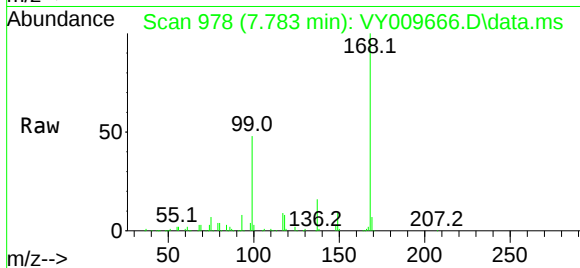
Tgt Ion: 75 Resp: 11312

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.007 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY009666.D

Acq: 22 Jul 2022 17:46

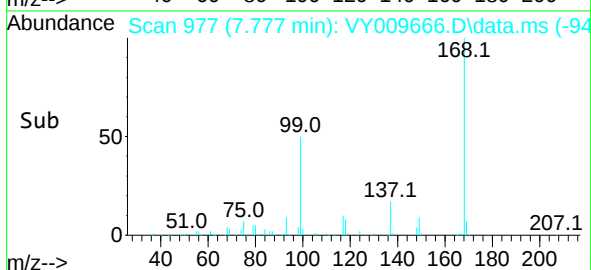
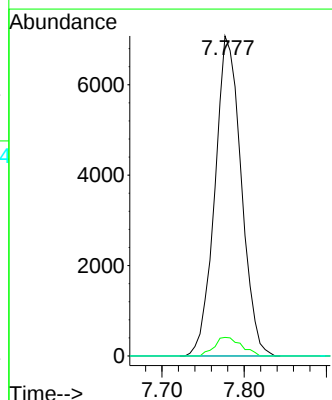
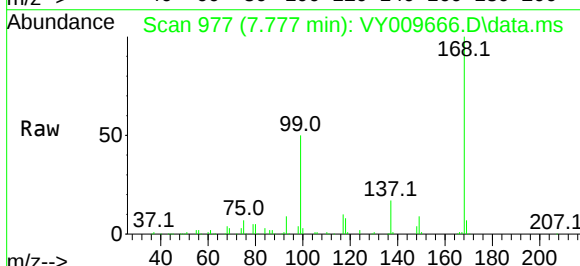
Tgt Ion: 117 Resp: 15759

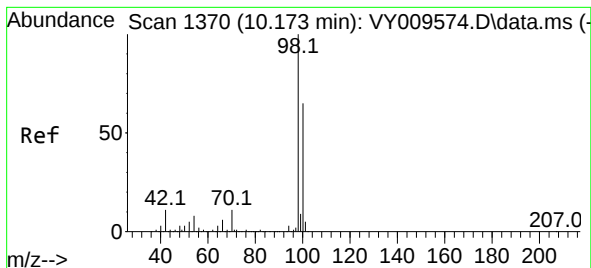
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

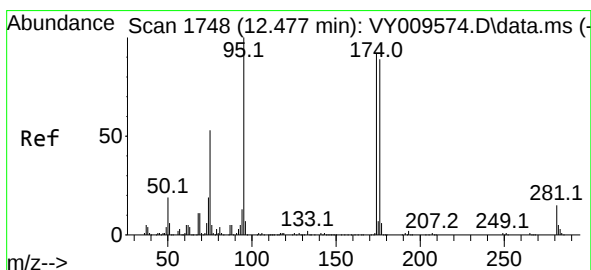
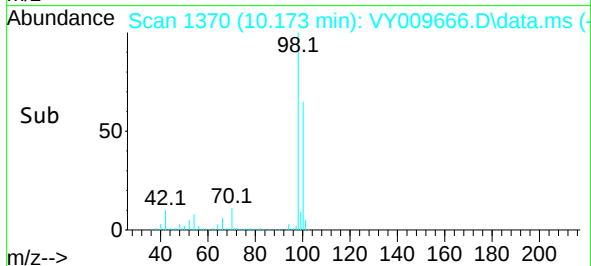
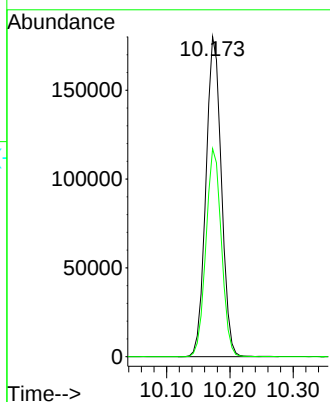
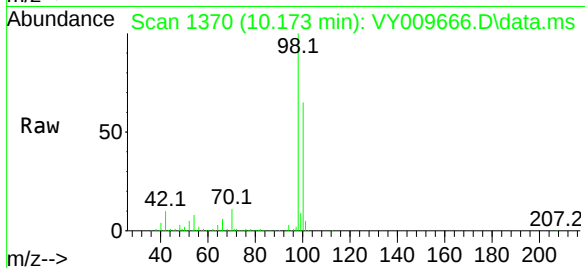




#50
Toluene-d8
Concen: 47.022 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

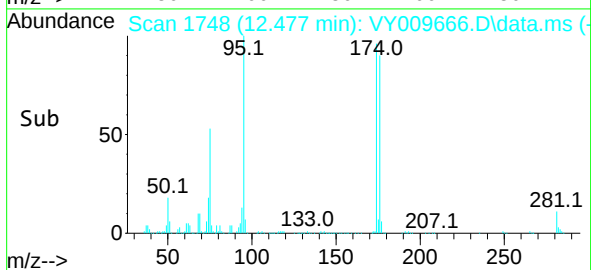
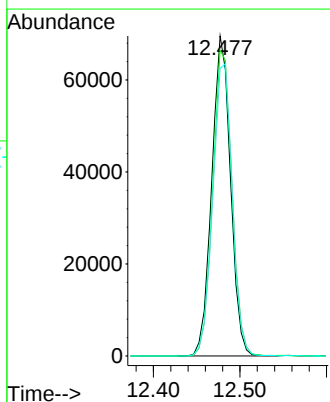
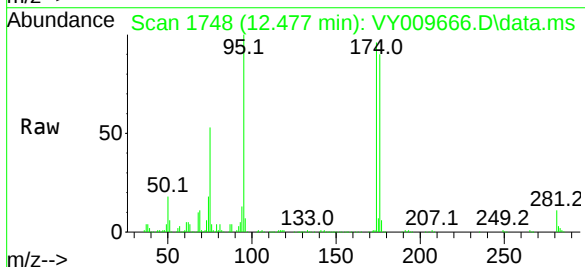
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

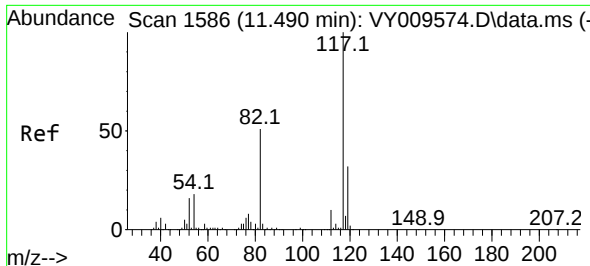
Tgt Ion: 98 Resp: 306554
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.471 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Tgt Ion: 95 Resp: 104506
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 95.0 0.0 175.8

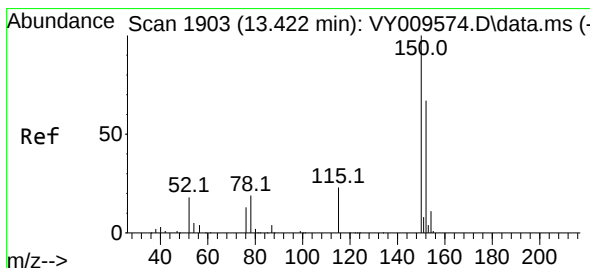
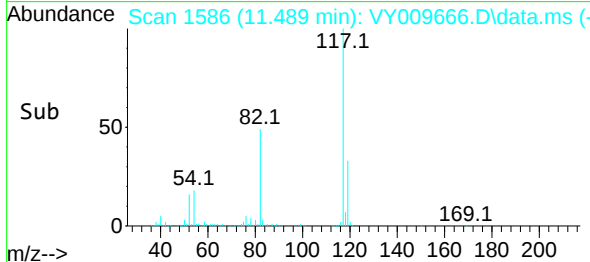
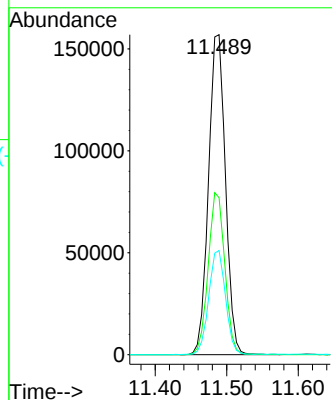
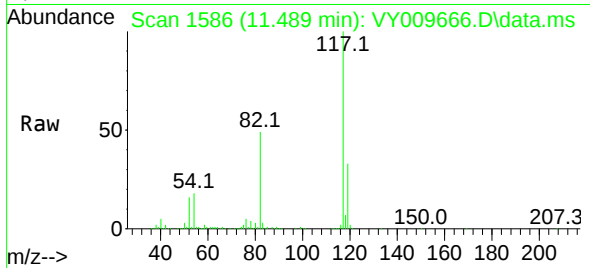




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

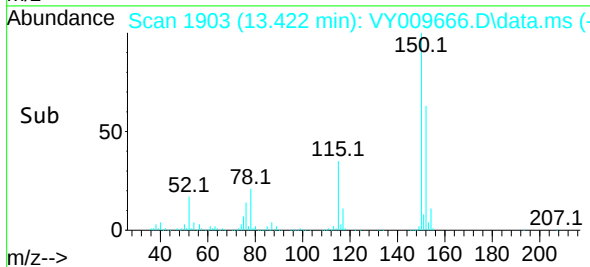
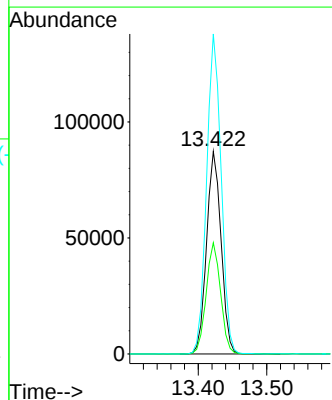
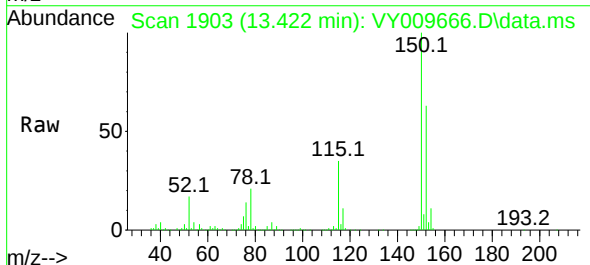
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

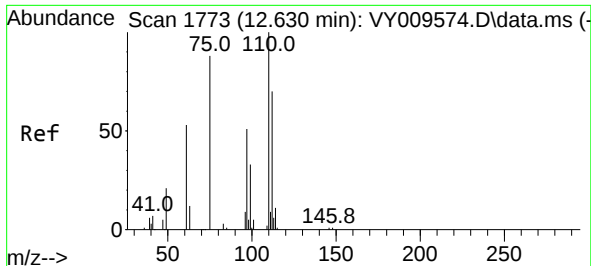
Tgt Ion:117 Resp: 258100
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Tgt Ion:152 Resp: 128895
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 157.8 0.0 347.6

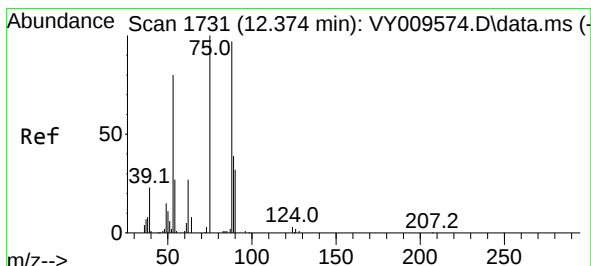
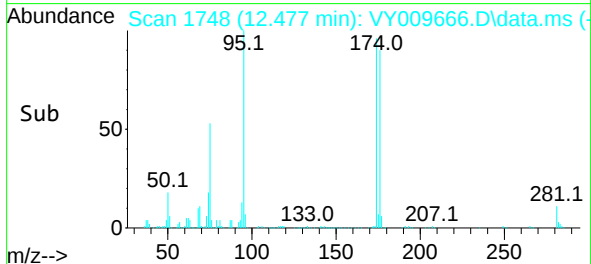
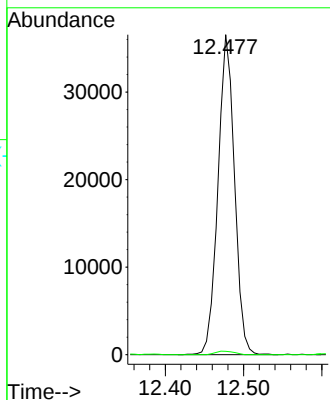
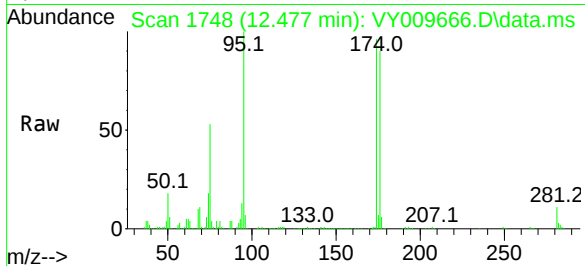




#76
1,2,3-Trichloropropane
Concen: 43.728 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :
PX-3

Tgt Ion: 75 Resp: 53692
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.222 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Tgt Ion: 75 Resp: 53692
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

