

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009667.D
 Acq On : 22 Jul 2022 18:10
 Operator : KP/MD
 Sample : N3837-04
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-4

Quant Time: Jul 23 00:55:35 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)

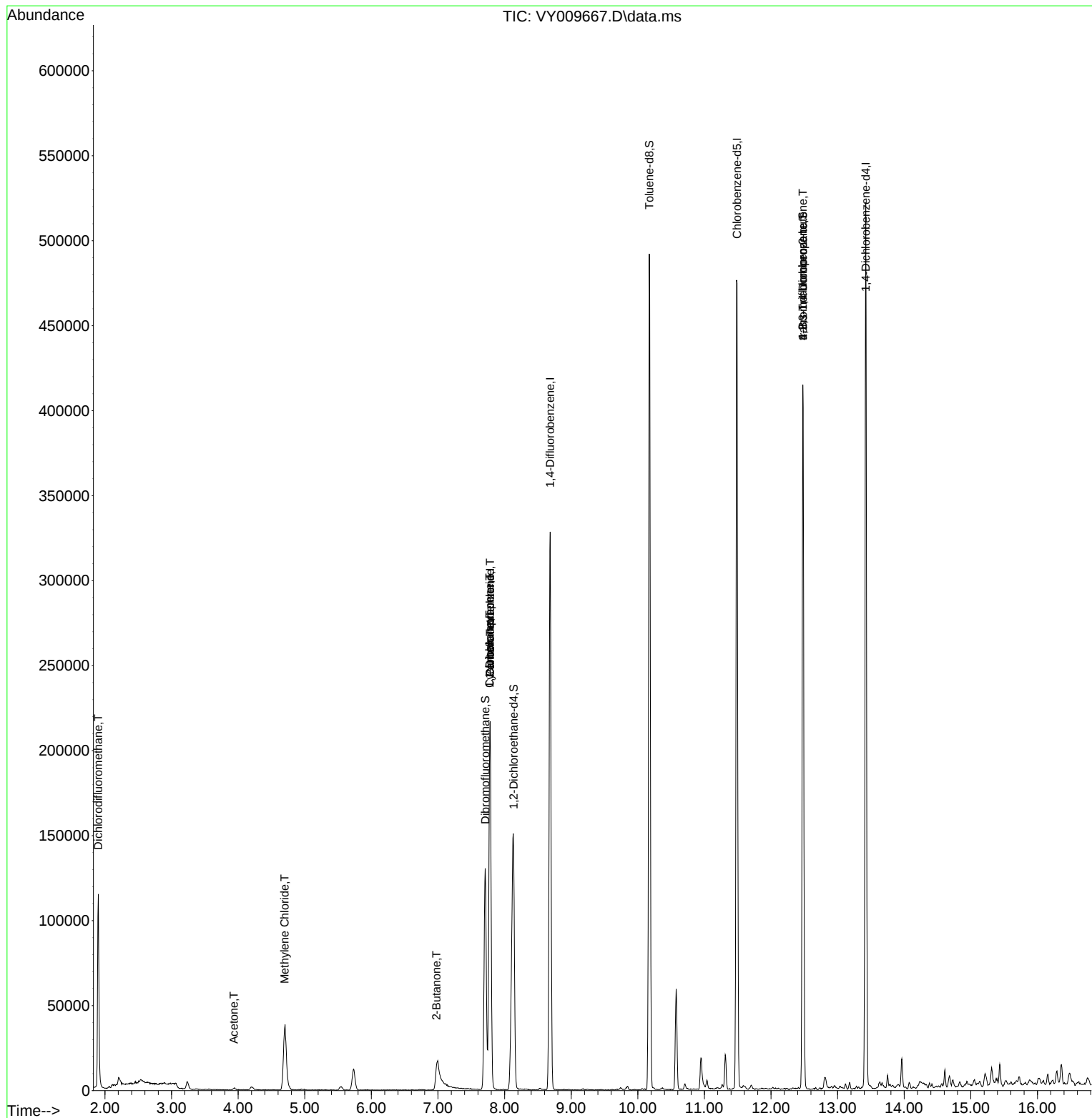
Internal Standards						
1) Pentafluorobenzene	7.783	168	184741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96563	55.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.710	113	90595	49.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.173	98	329364	46.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.477	95	112924	49.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	98.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	90267	55.685	ug/l	100
11) Tert butyl alcohol	4.948	59	661	Below Cal	#	77
16) Acetone	3.936	43	1856	4.199	ug/l	97
20) Methylene Chloride	4.698	84	29232	4.089	ug/l	# 78
25) 2-Butanone	6.978	43	1298	2.013	ug/l	99
31) Cyclohexane	7.777	56	3239	1.051	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	11977	4.394	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	16634	5.829	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	57816	44.122	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	57816	87.000	ug/l	# 7

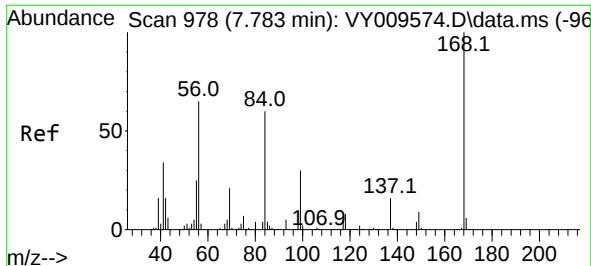
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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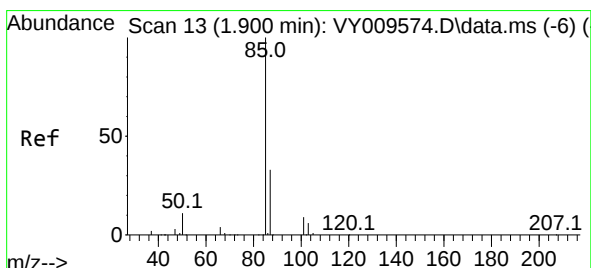
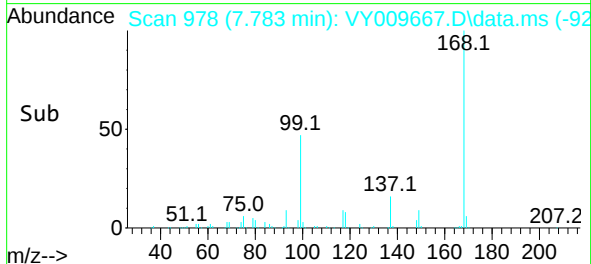
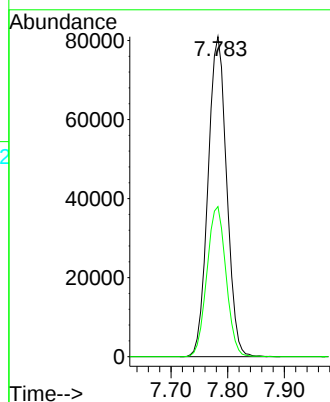
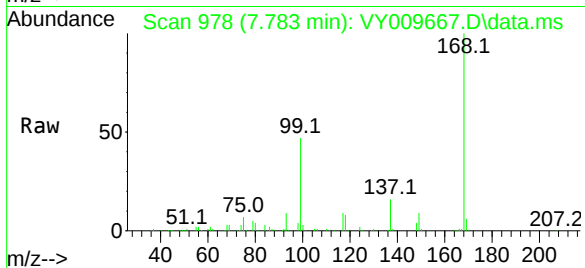




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

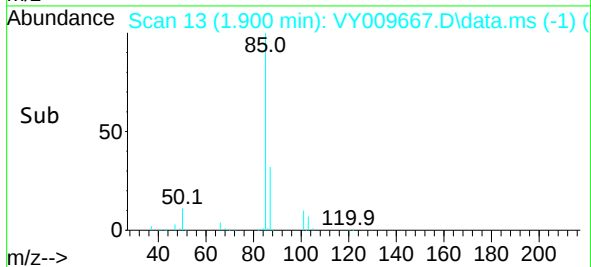
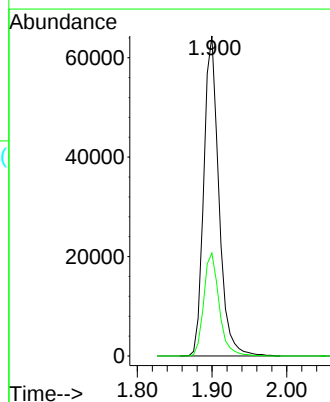
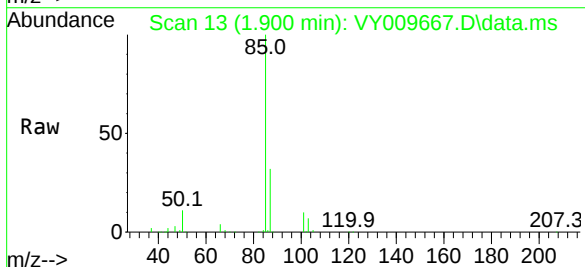
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

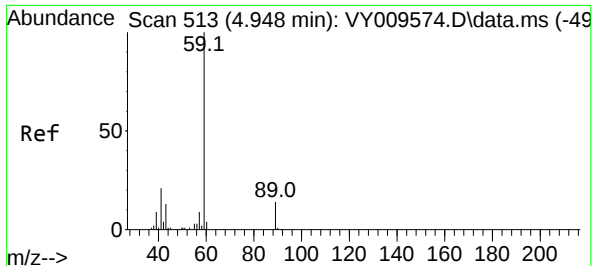
Tgt Ion:168 Resp: 184741
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 55.685 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion: 85 Resp: 90267
Ion Ratio Lower Upper
85 100
87 32.1 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: VY009667.D

Acq: 22 Jul 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

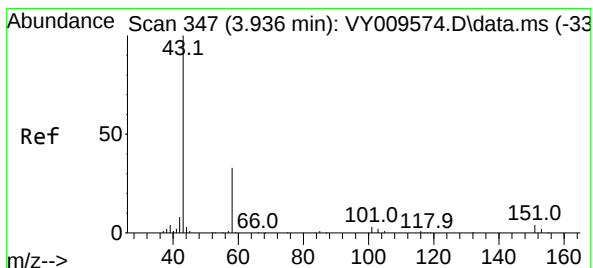
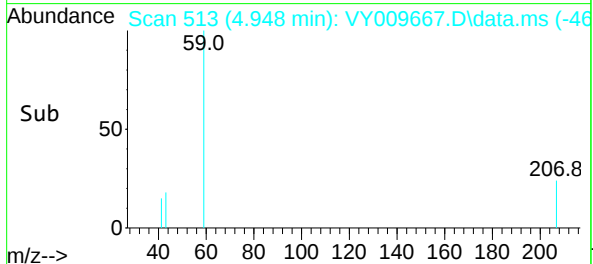
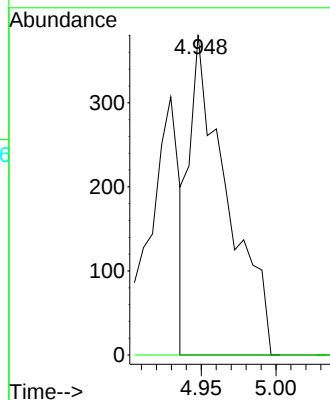
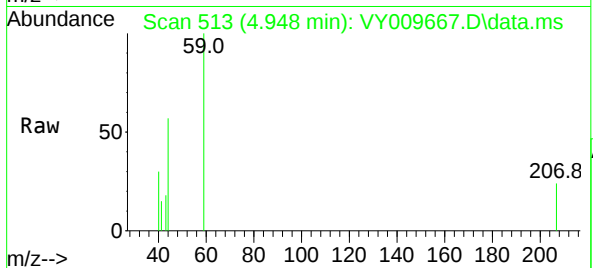
PX-4

Tgt Ion: 59 Resp: 661

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.199 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009667.D

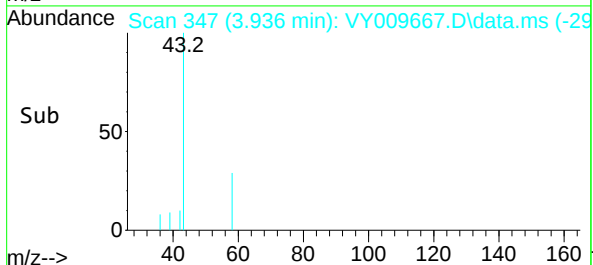
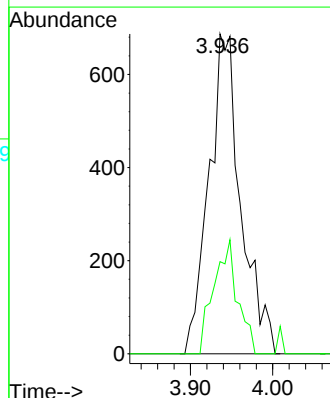
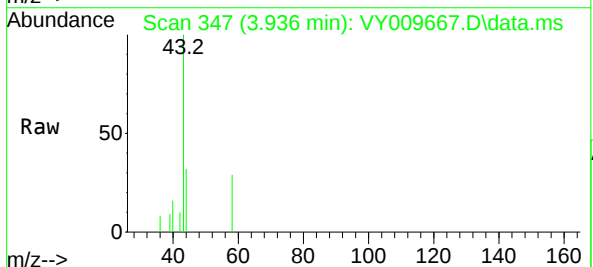
Acq: 22 Jul 2022 18:10

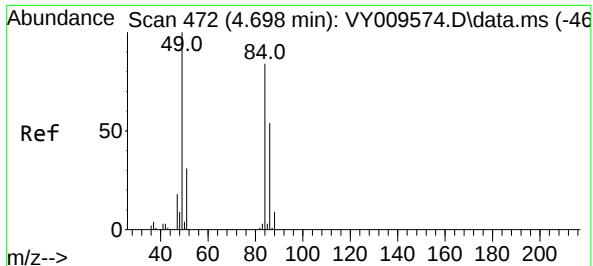
Tgt Ion: 43 Resp: 1856

Ion Ratio Lower Upper

43 100

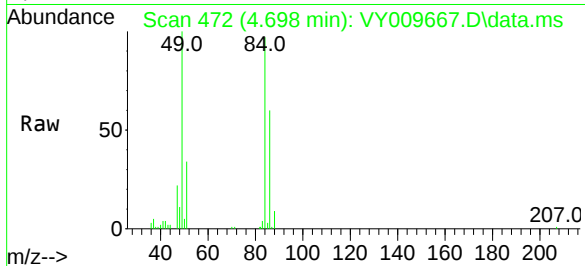
58 28.8 22.0 33.0



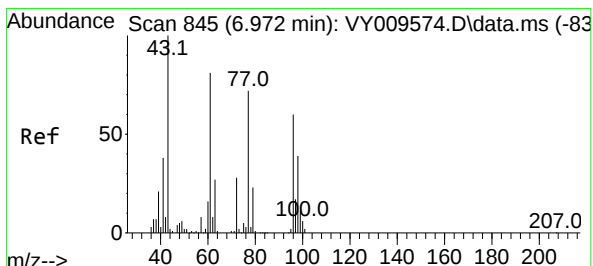
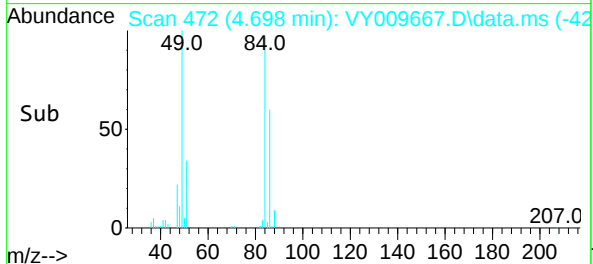
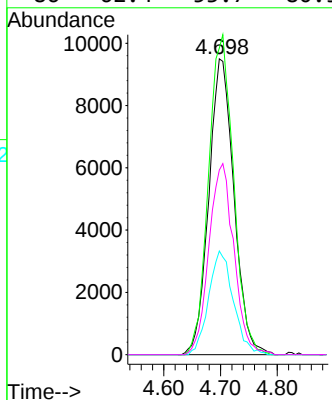


#20
Methylene Chloride
Concen: 4.089 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
PX-4

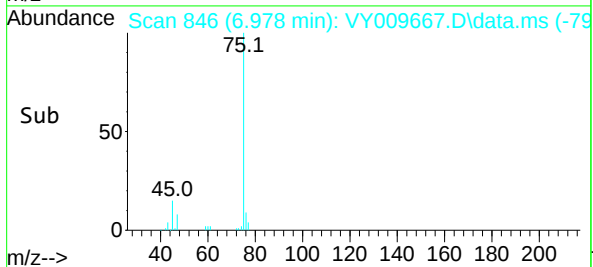
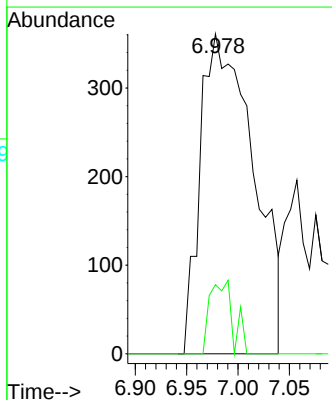
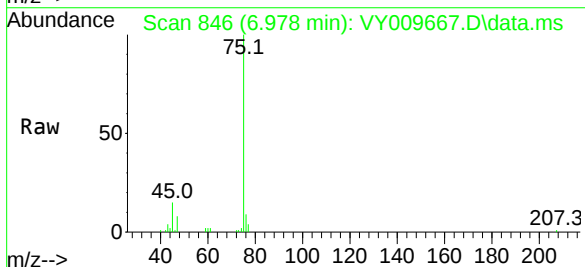


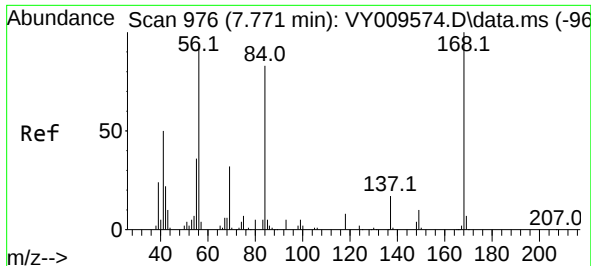
Tgt Ion:	84	Resp:	29232
Ion	Ratio	Lower	Upper
84	100		
49	103.6	114.4	171.6#
51	35.0	35.3	52.9#
86	62.4	53.7	80.5



#25
2-Butanone
Concen: 2.013 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion:	43	Resp:	1298
Ion	Ratio	Lower	Upper
43	100		
72	21.6	17.7	26.5

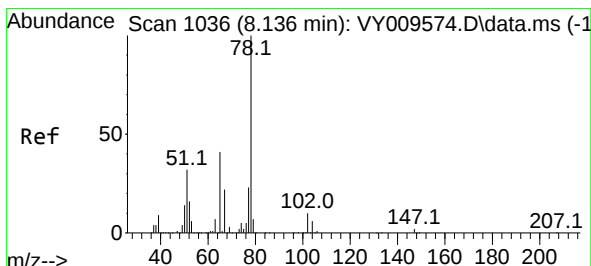
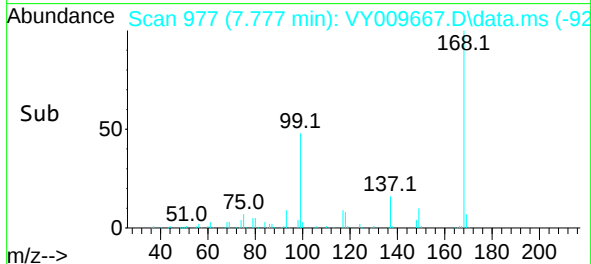
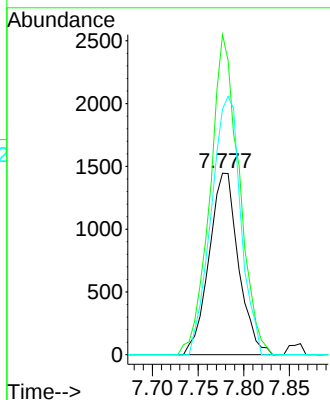
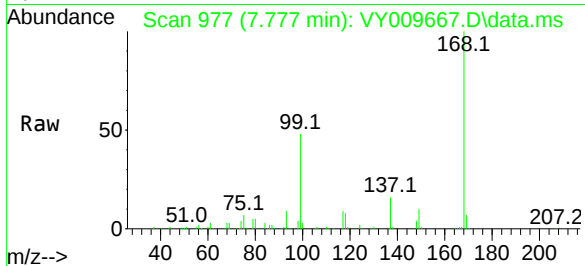




#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

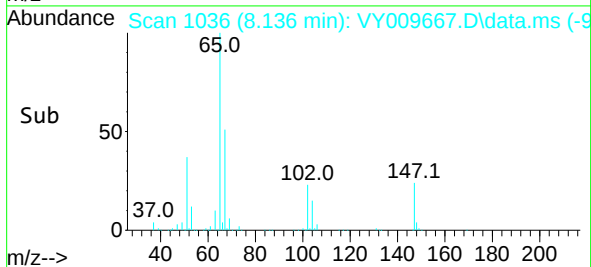
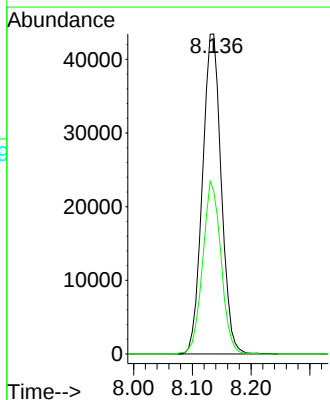
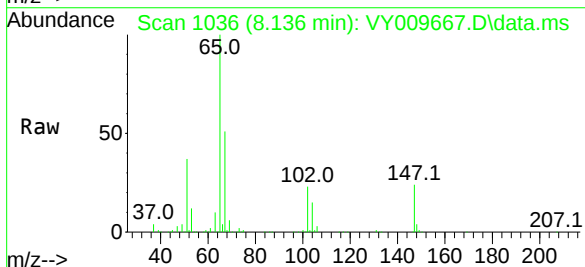
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

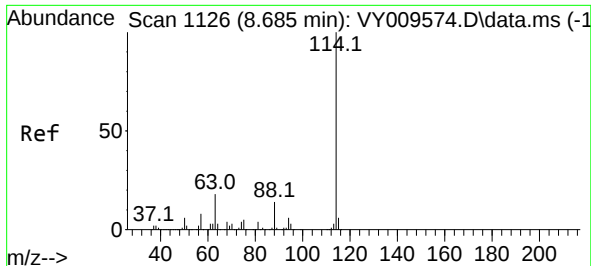
Tgt Ion: 56 Resp: 3239
Ion Ratio Lower Upper
56 100
69 176.4 26.7 40.1#
84 135.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.267 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion: 65 Resp: 96563
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

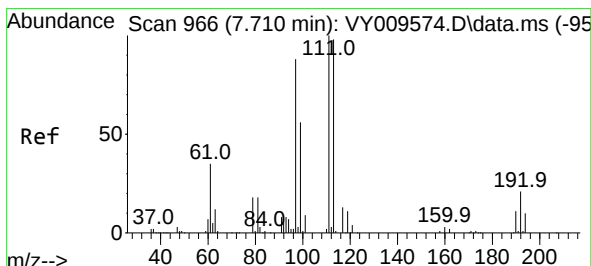
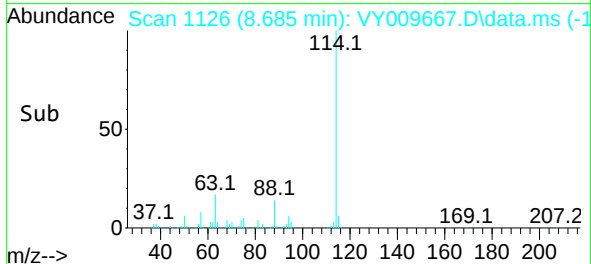
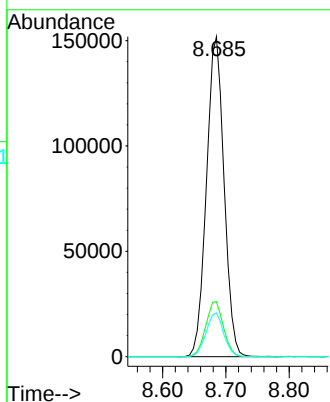
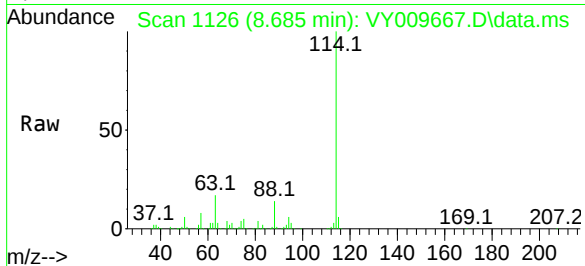




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

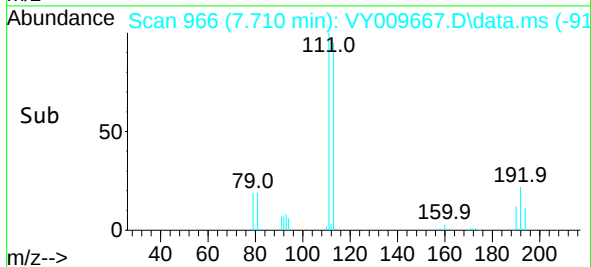
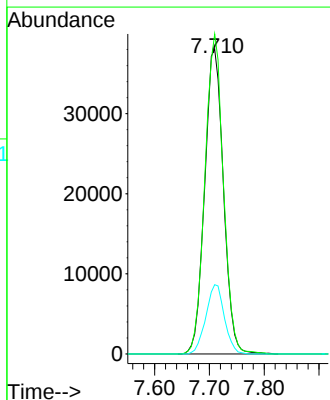
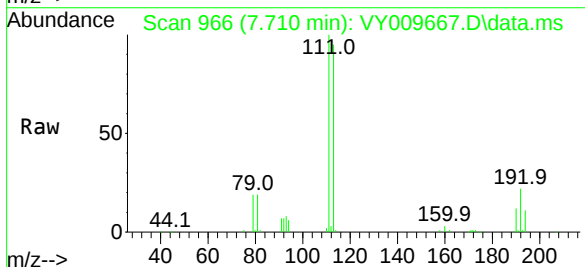
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

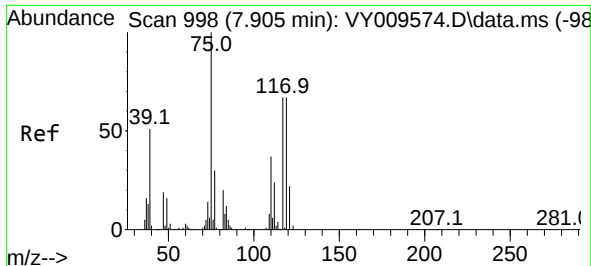
Tgt Ion:114 Resp: 292821
Ion Ratio Lower Upper
114 100
63 17.2 0.0 43.2
88 13.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.109 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion:113 Resp: 90595
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.394 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009667.D

Acq: 22 Jul 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

PX-4

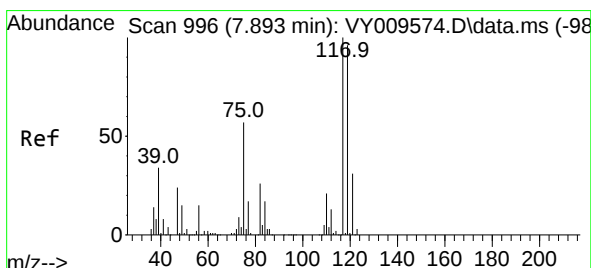
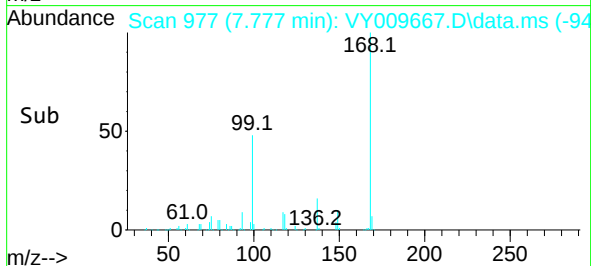
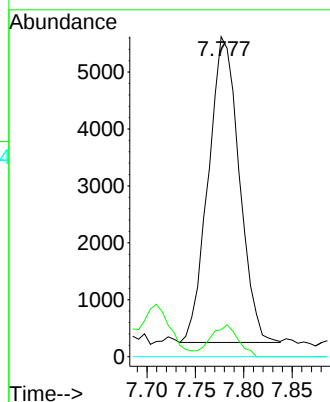
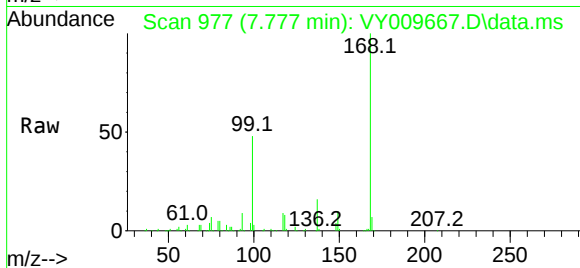
Tgt Ion: 75 Resp: 11977

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.829 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009667.D

Acq: 22 Jul 2022 18:10

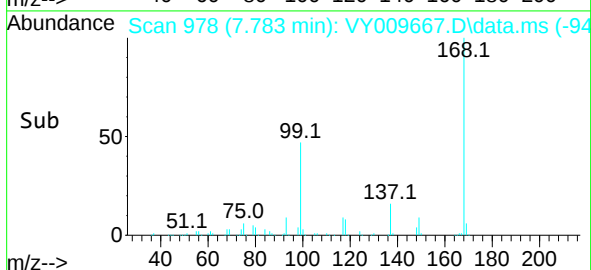
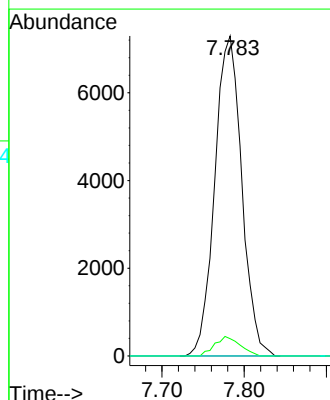
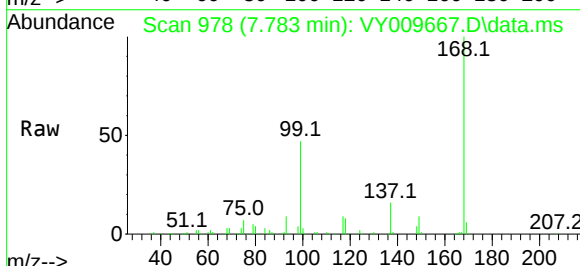
Tgt Ion: 117 Resp: 16634

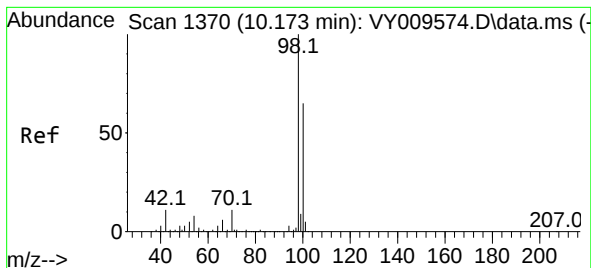
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#

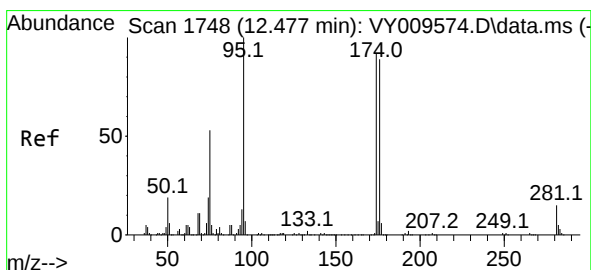
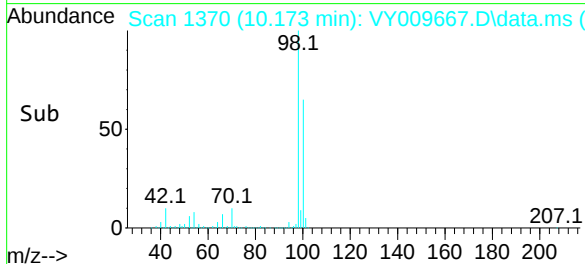
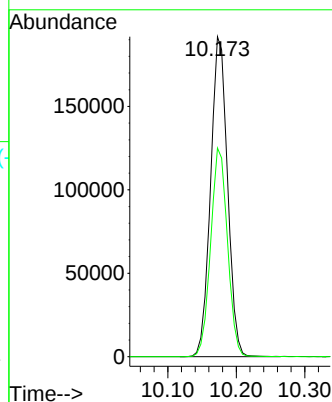
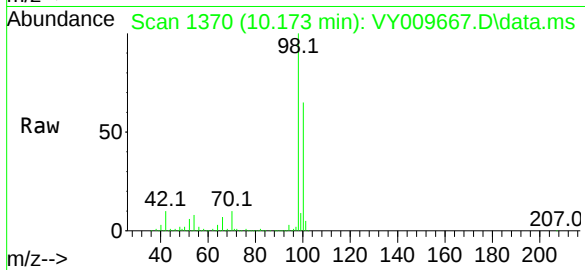




#50
Toluene-d8
Concen: 46.443 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

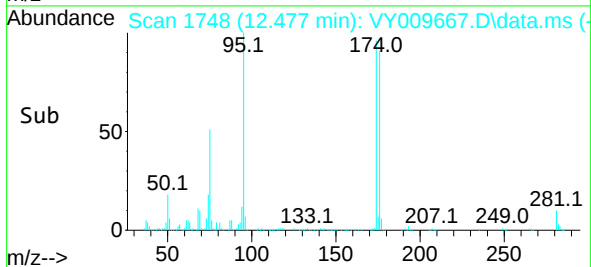
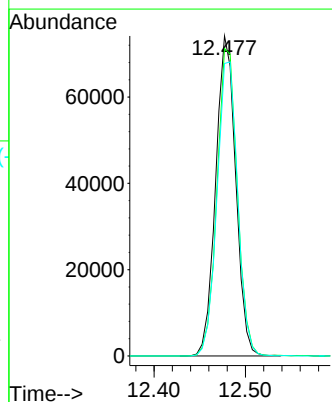
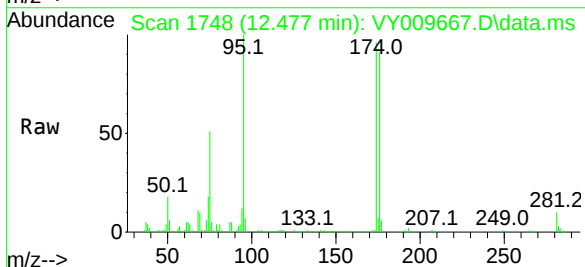
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

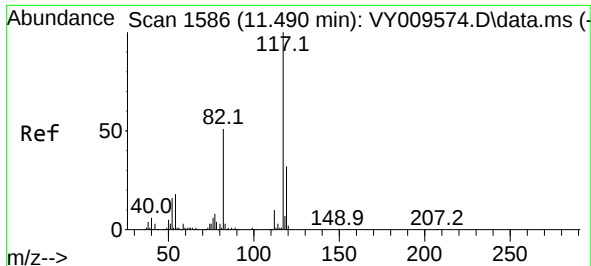
Tgt Ion: 98 Resp: 329364
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.141 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion: 95 Resp: 112924
Ion Ratio Lower Upper
95 100
174 97.5 0.0 177.0
176 94.8 0.0 175.8

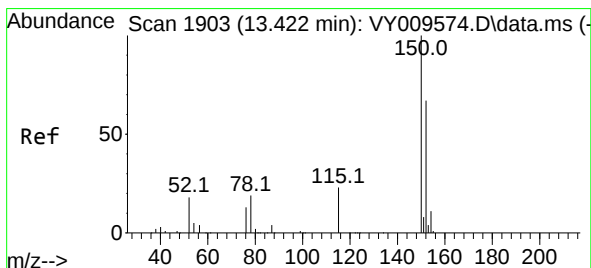
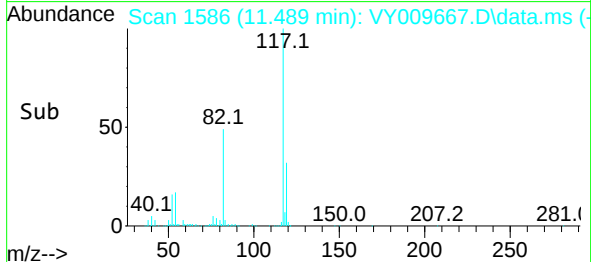
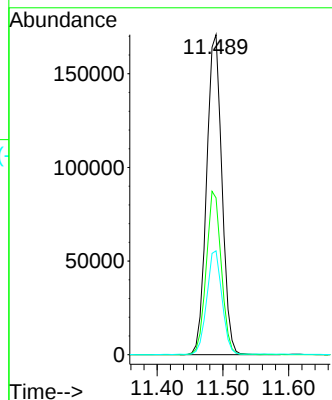
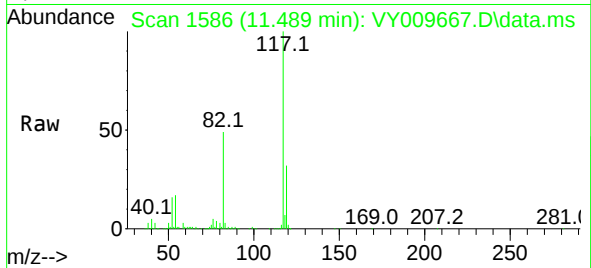




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

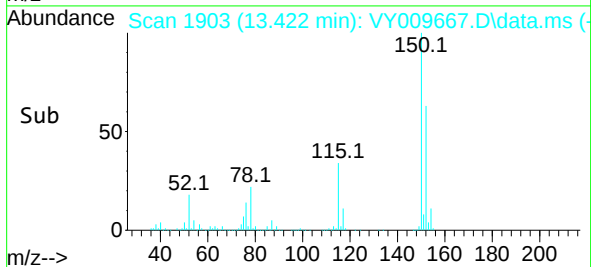
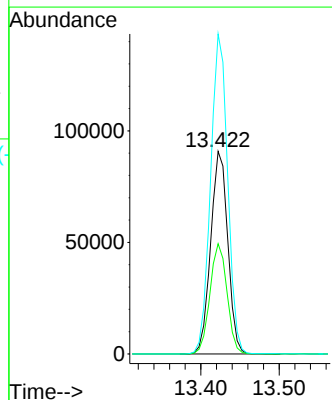
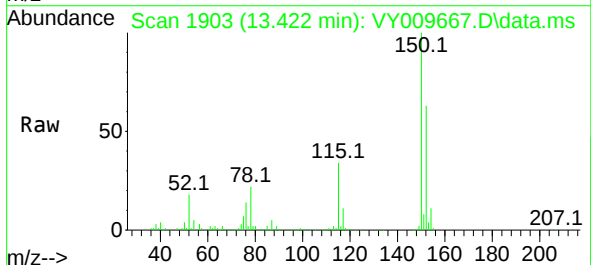
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

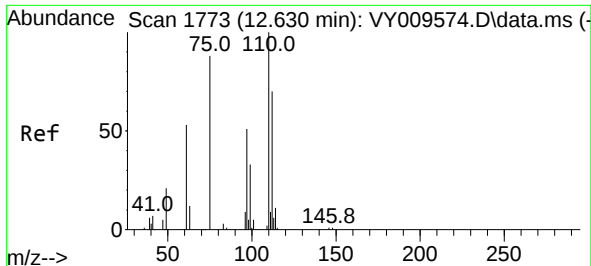
Tgt Ion:117 Resp: 276777
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion:152 Resp: 137555
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 157.6 0.0 347.6

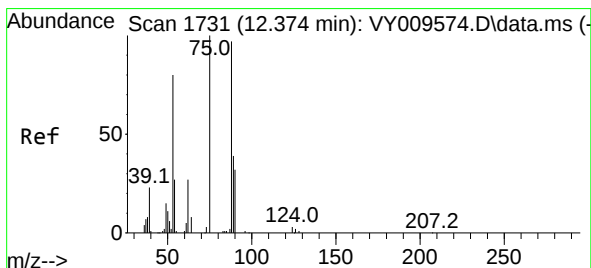
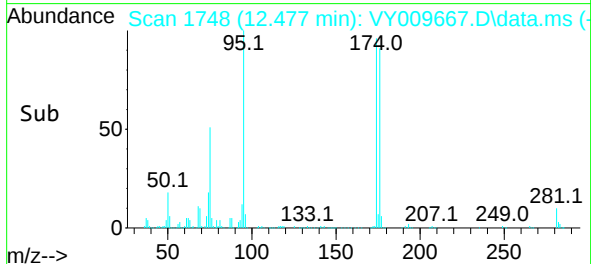
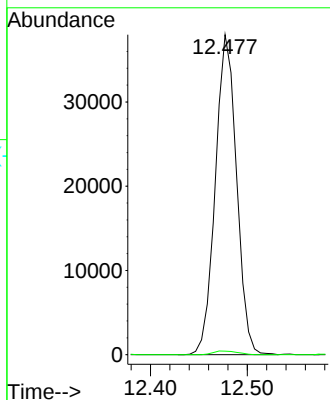
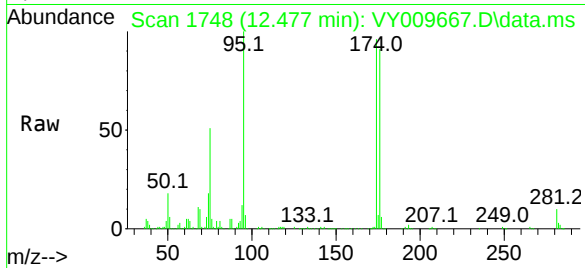




#76
1,2,3-Trichloropropane
Concen: 44.122 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
PX-4

Tgt Ion: 75 Resp: 57816
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.000 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009667.D
Acq: 22 Jul 2022 18:10

Tgt Ion: 75 Resp: 57816
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#

