

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009665.D
 Acq On : 22 Jul 2022 17:23
 Operator : KP/MD
 Sample : N3837-02
 Misc : 3.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-2

Quant Time: Jul 23 00:55:18 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)

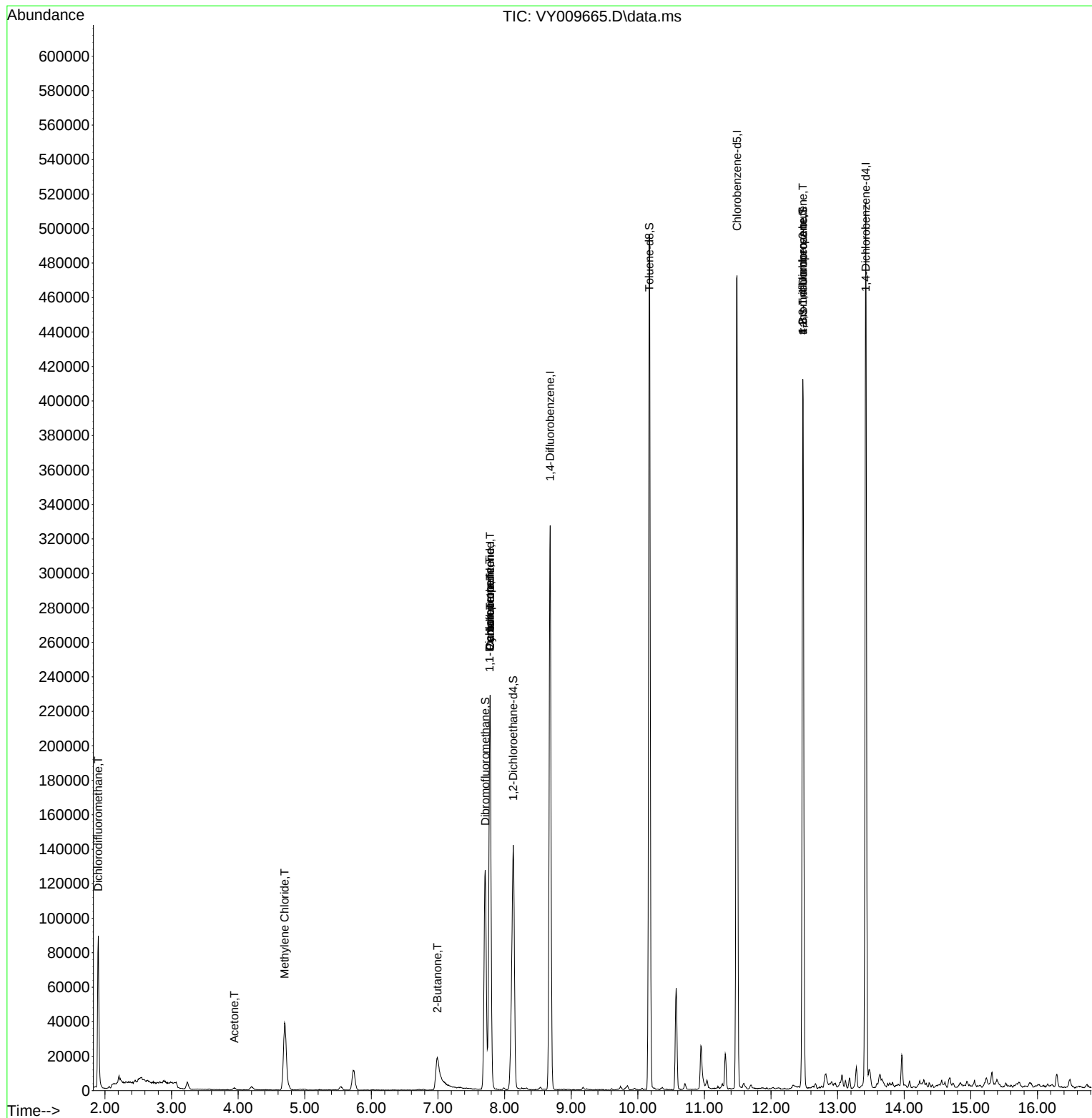
Internal Standards						
1) Pentafluorobenzene	7.783	168	188007	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	290251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	94826	53.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.710	113	90290	49.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.760%	
50) Toluene-d8	10.173	98	332310	47.273	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.540%	
62) 4-Bromofluorobenzene	12.477	95	113384	49.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 99.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	68978	41.813	ug/l	98
11) Tert butyl alcohol	4.942	59	968	Below Cal	#	77
16) Acetone	3.942	43	2025	4.502	ug/l	# 88
20) Methylene Chloride	4.698	84	30425	4.464	ug/l	# 79
25) 2-Butanone	6.990	43	1364	2.079	ug/l	98
31) Cyclohexane	7.783	56	3450	1.100	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	12220	4.522	ug/l	# 52
38) Carbon Tetrachloride	7.783	117	16353	5.781	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	58412	44.134	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	58412	87.023	ug/l	# 7

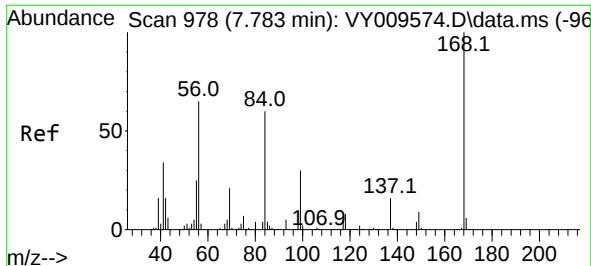
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
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Response via : Initial Calibration

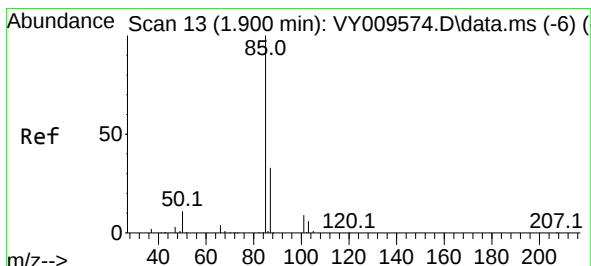
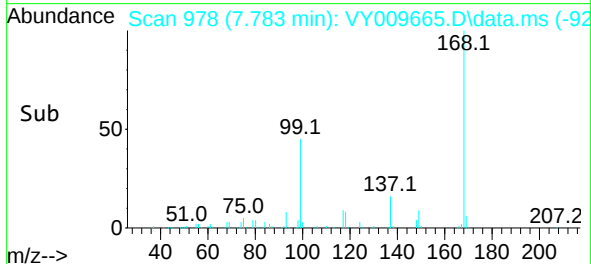
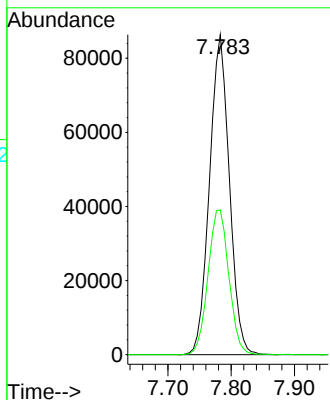
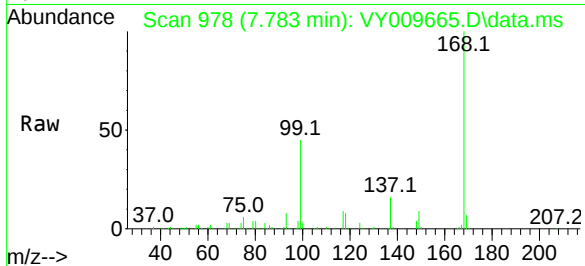




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

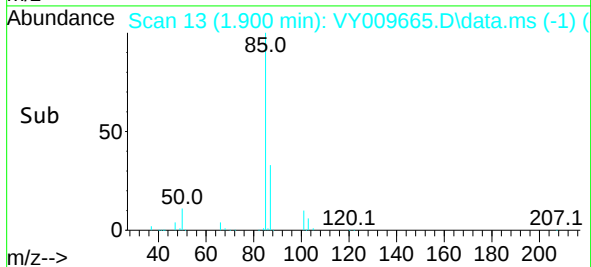
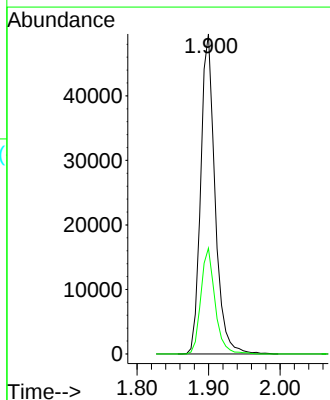
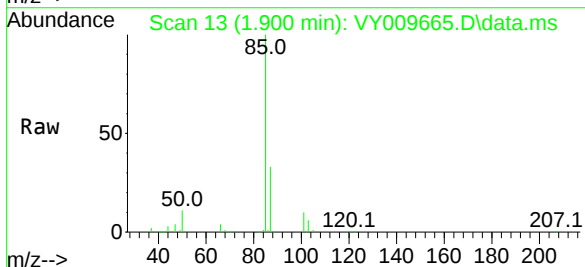
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

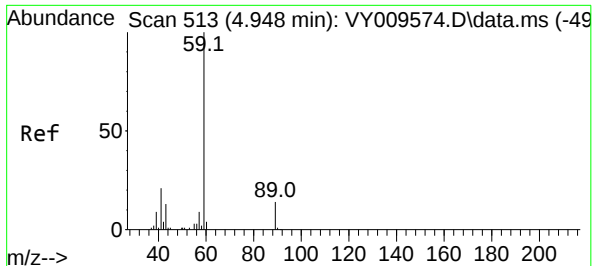
Tgt Ion:168 Resp: 188007
Ion Ratio Lower Upper
168 100
99 45.2 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 41.813 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

Tgt Ion: 85 Resp: 68978
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

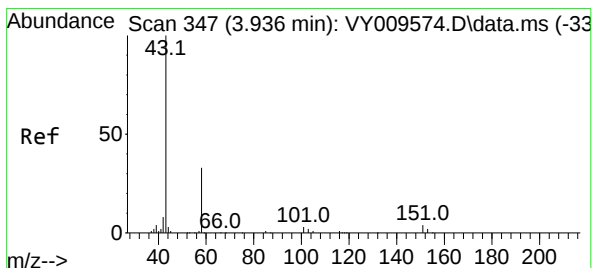
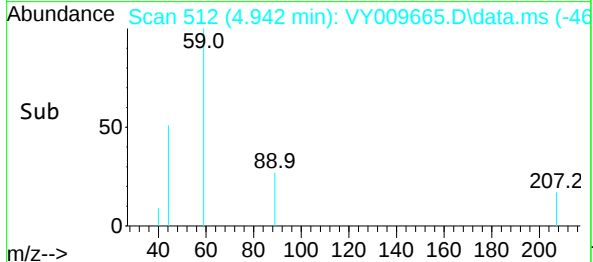
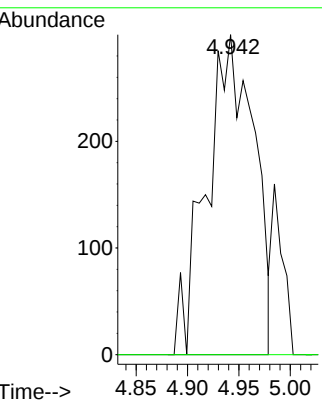
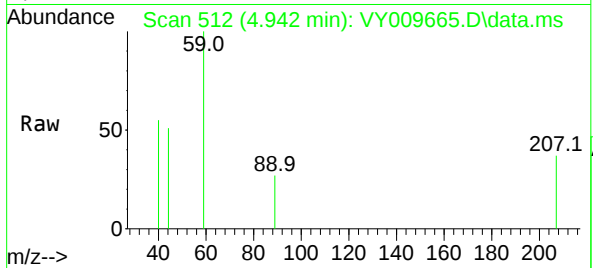




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

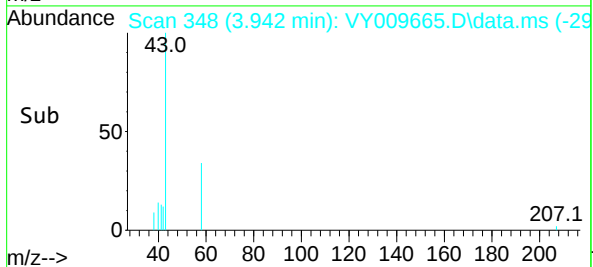
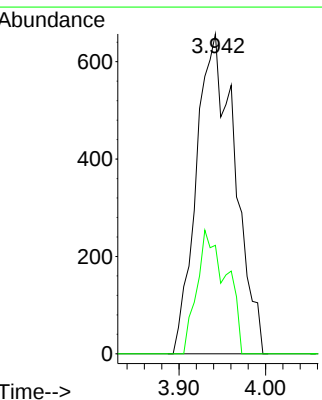
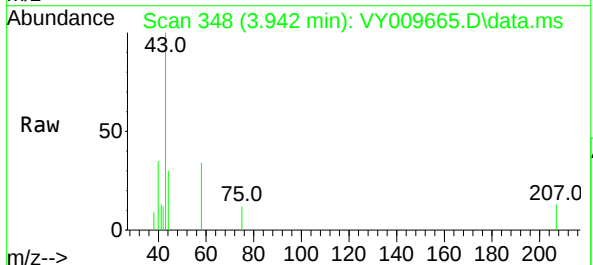
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

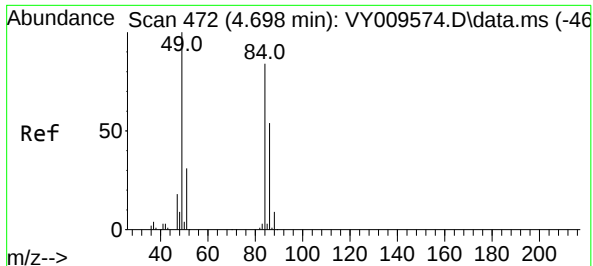
Tgt Ion: 59 Resp: 968
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 4.502 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

Tgt Ion: 43 Resp: 2025
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#





#20

Methylene Chloride

Concen: 4.464 ug/l

RT: 4.698 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY009665.D

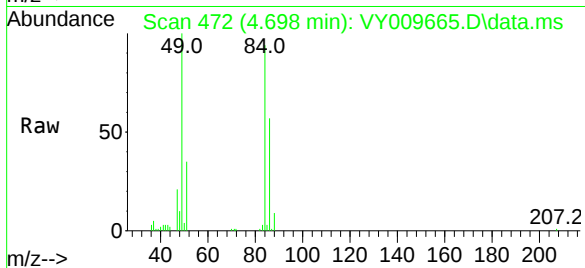
Acq: 22 Jul 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

PX-2



Tgt Ion: 84 Resp: 30425

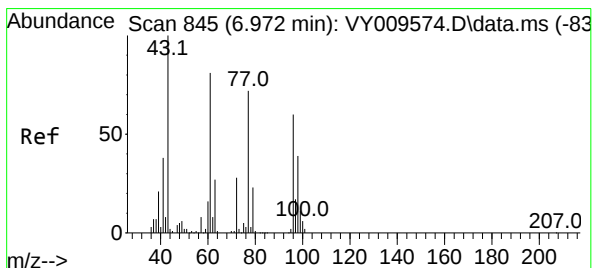
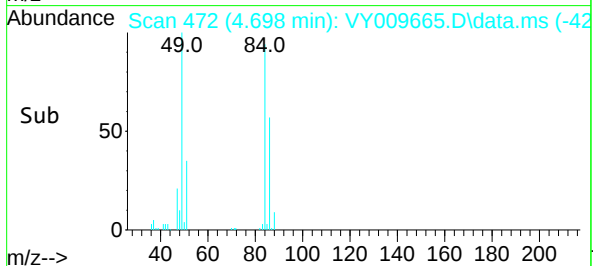
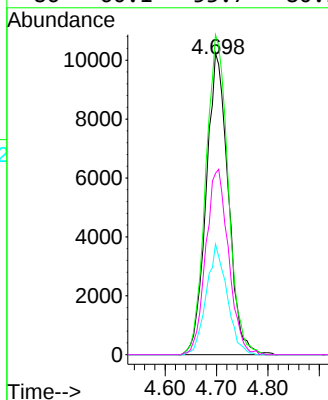
Ion Ratio Lower Upper

84 100

49 106.1 114.4 171.6#

51 36.7 35.3 52.9

86 60.1 53.7 80.5



#25

2-Butanone

Concen: 2.079 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY009665.D

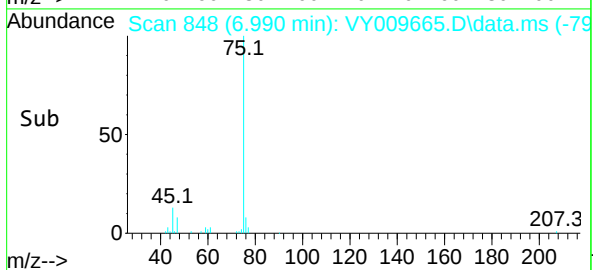
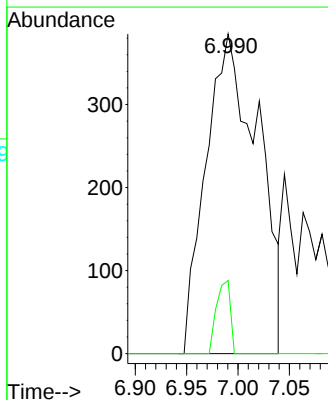
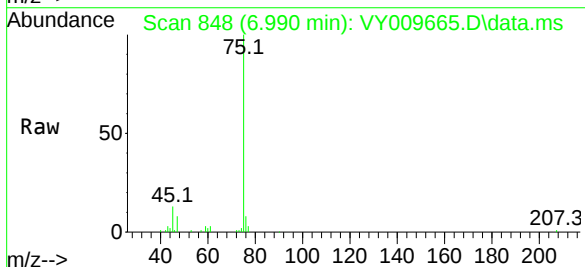
Acq: 22 Jul 2022 17:23

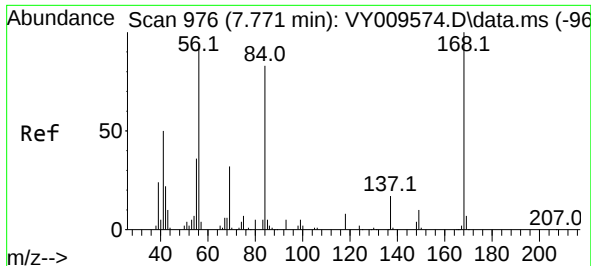
Tgt Ion: 43 Resp: 1364

Ion Ratio Lower Upper

43 100

72 22.9 17.7 26.5

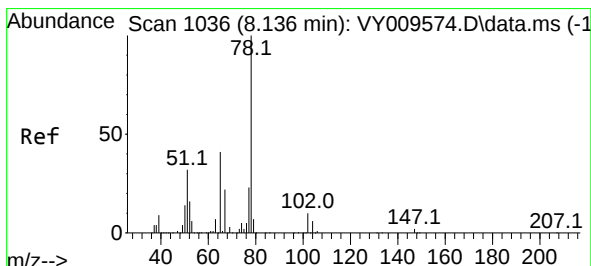
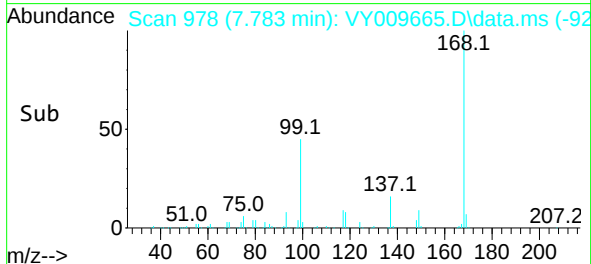
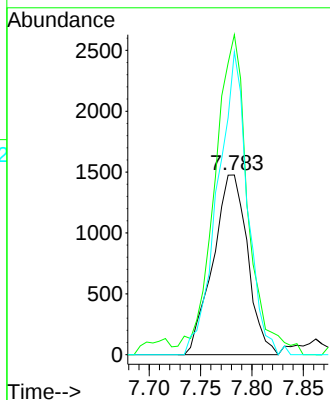
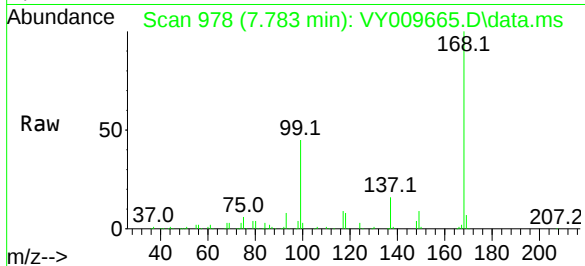




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

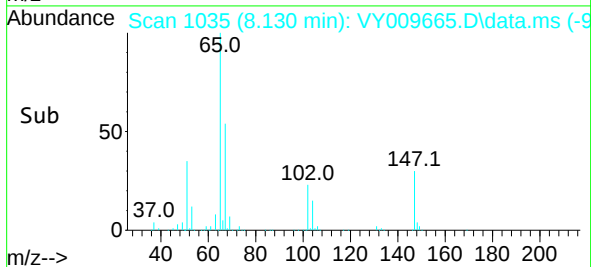
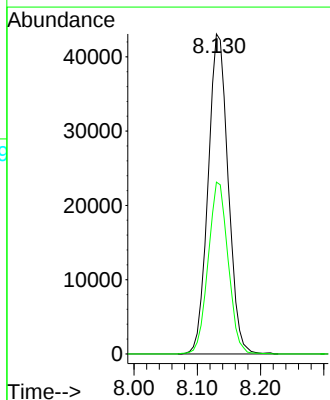
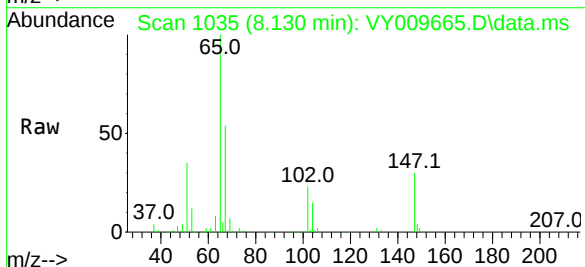
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

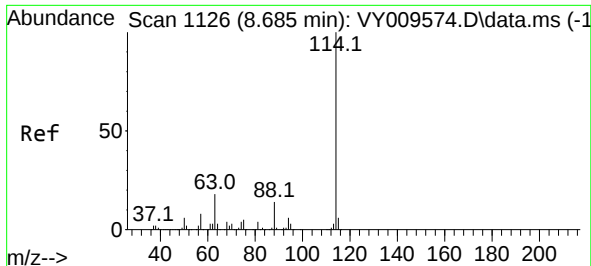
Tgt Ion: 56 Resp: 3450
Ion Ratio Lower Upper
56 100
69 173.4 26.7 40.1#
84 168.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.330 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

Tgt Ion: 65 Resp: 94826
Ion Ratio Lower Upper
65 100
67 53.4 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: VY009665.D

Acq: 22 Jul 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

PX-2

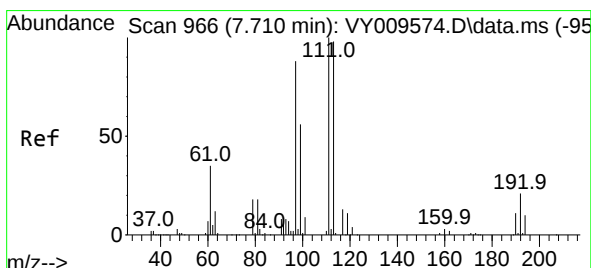
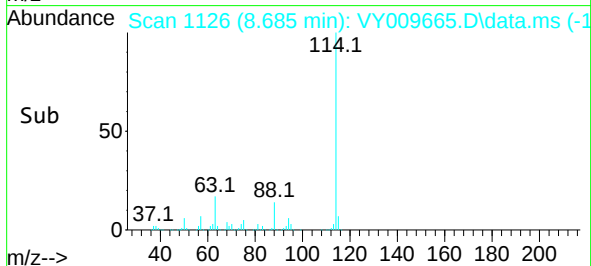
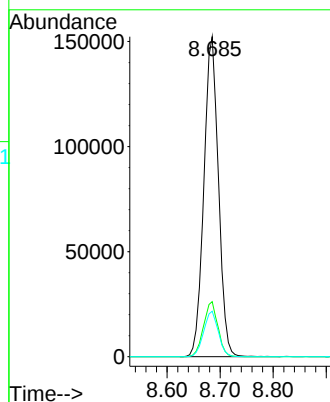
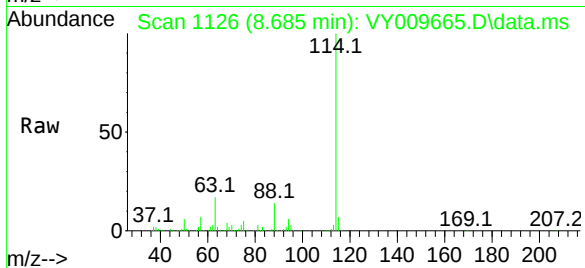
Tgt Ion:114 Resp: 290251

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.377 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009665.D

Acq: 22 Jul 2022 17:23

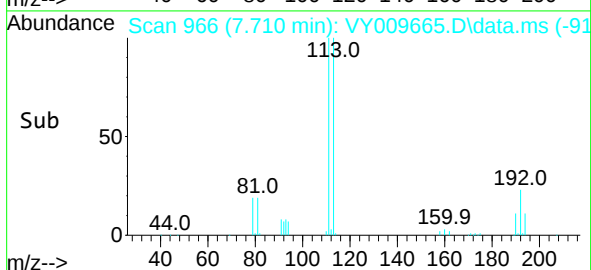
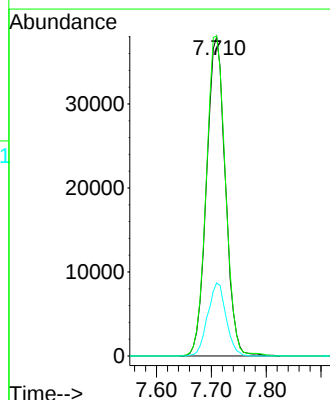
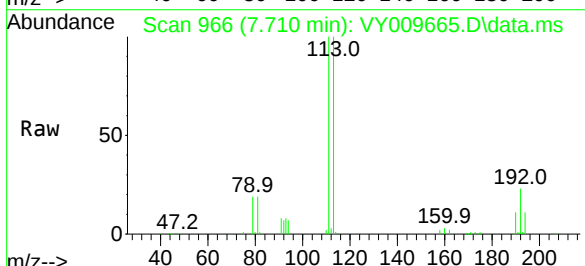
Tgt Ion:113 Resp: 90290

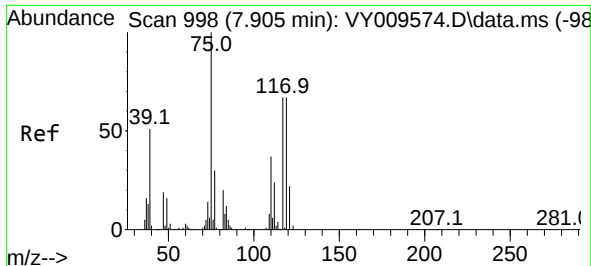
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 22.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.522 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009665.D

Acq: 22 Jul 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

PX-2

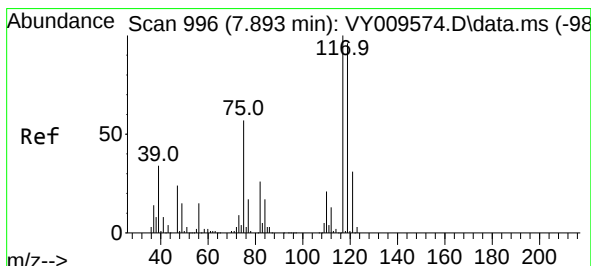
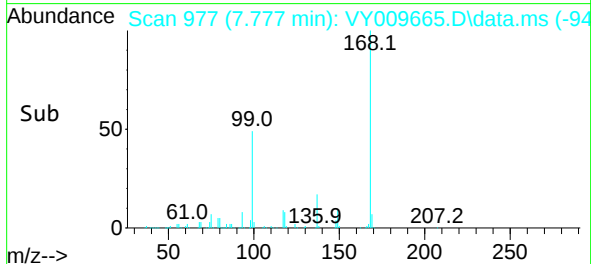
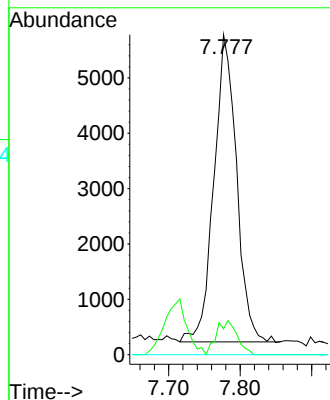
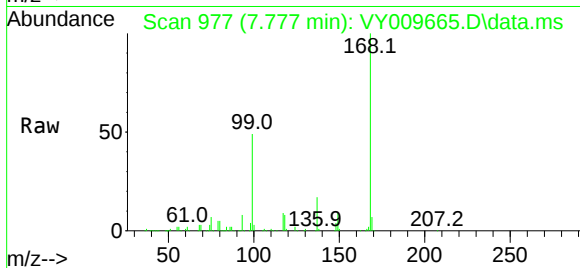
Tgt Ion: 75 Resp: 12220

Ion Ratio Lower Upper

75 100

110 10.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.781 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009665.D

Acq: 22 Jul 2022 17:23

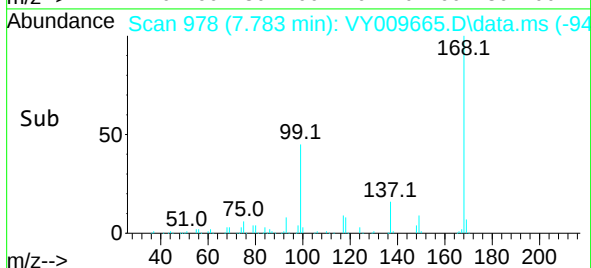
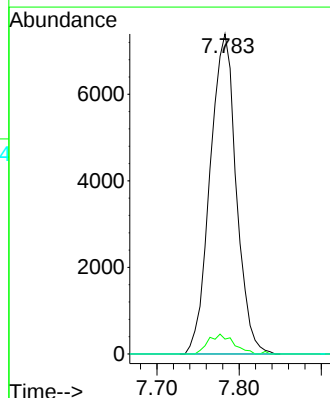
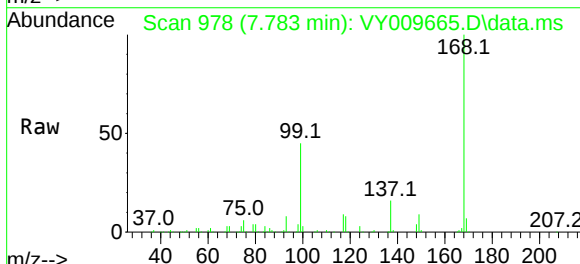
Tgt Ion: 117 Resp: 16353

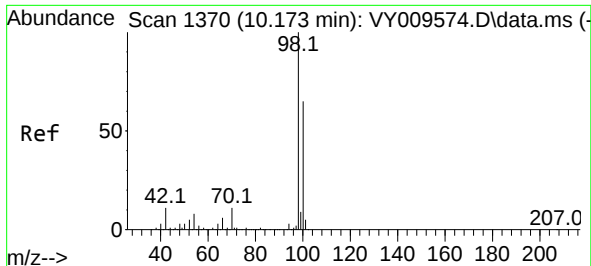
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

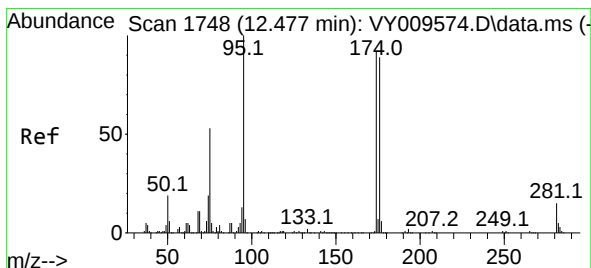
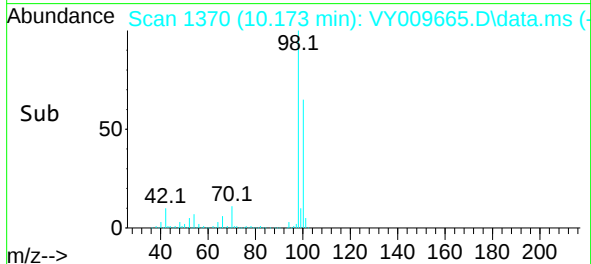
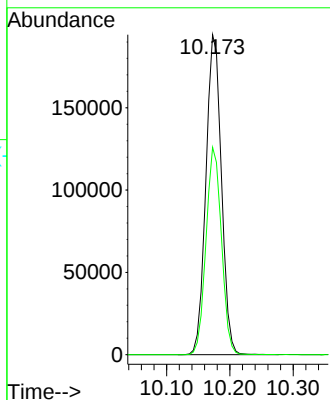
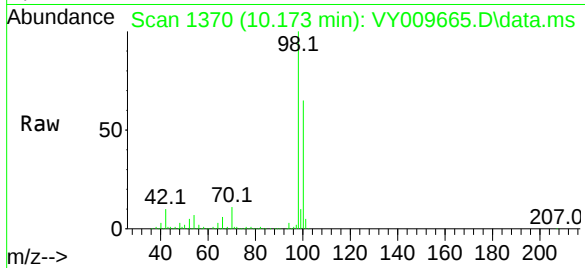




#50
Toluene-d8
Concen: 47.273 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

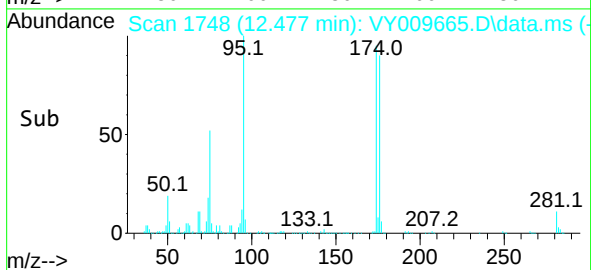
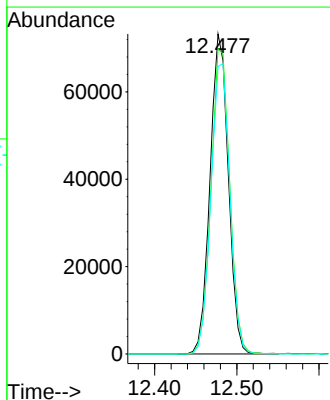
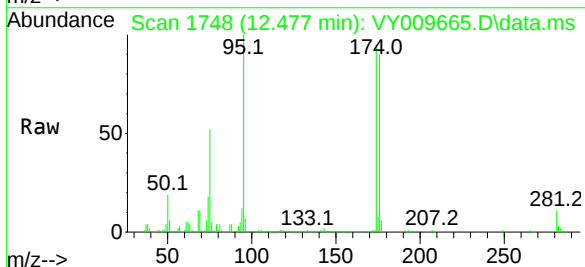
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

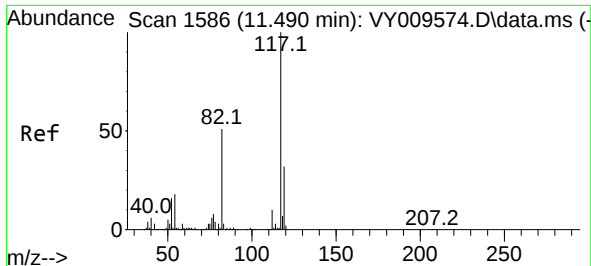
Tgt Ion: 98 Resp: 332310
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.778 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

Tgt Ion: 95 Resp: 113384
Ion Ratio Lower Upper
95 100
174 97.8 0.0 177.0
176 93.9 0.0 175.8

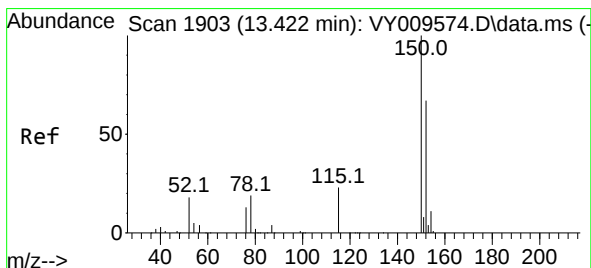
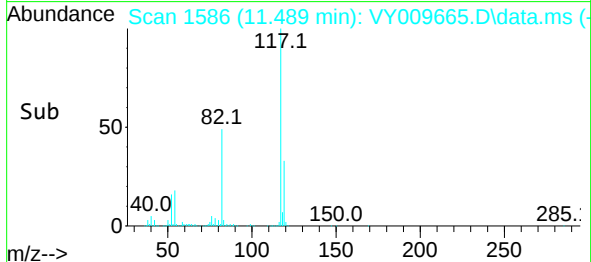
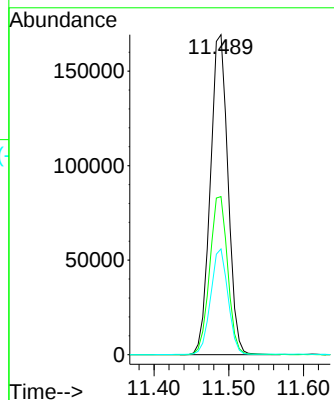
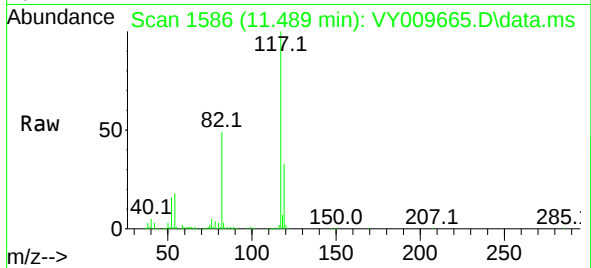




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

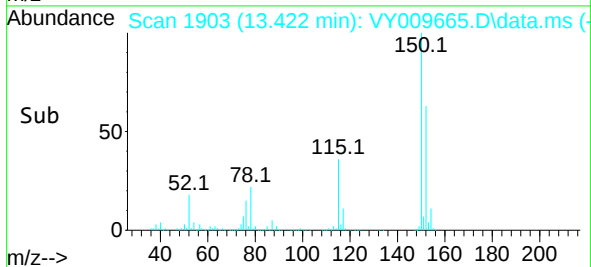
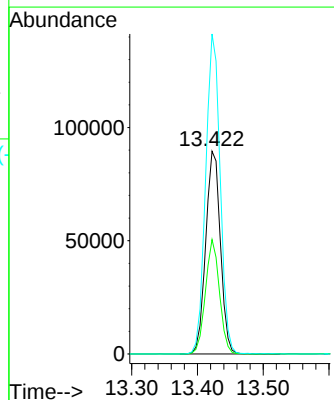
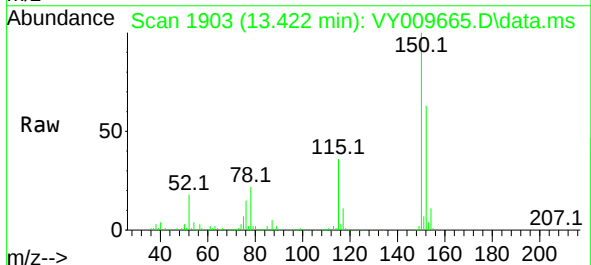
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

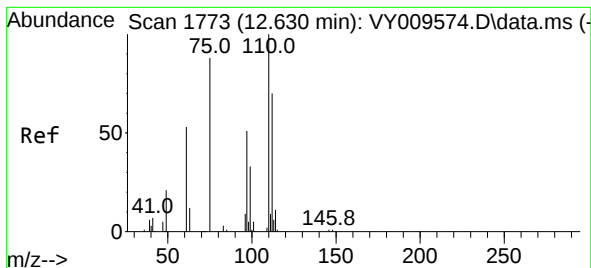
Tgt Ion:117 Resp: 277258
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

Tgt Ion:152 Resp: 138936
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 156.0 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 44.134 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009665.D

Acq: 22 Jul 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

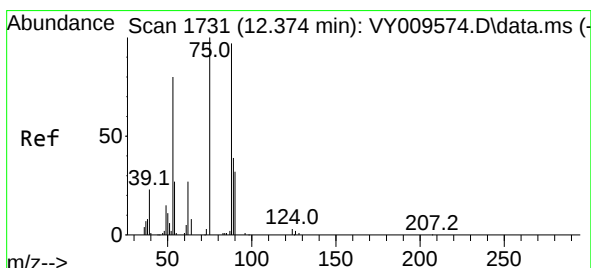
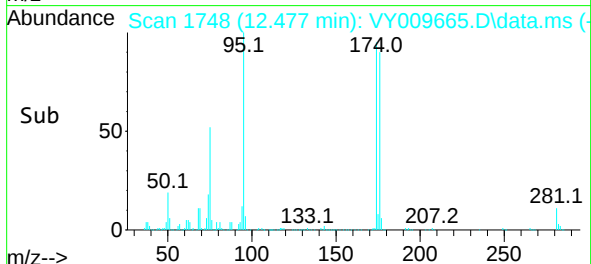
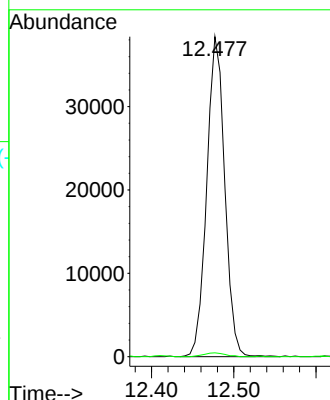
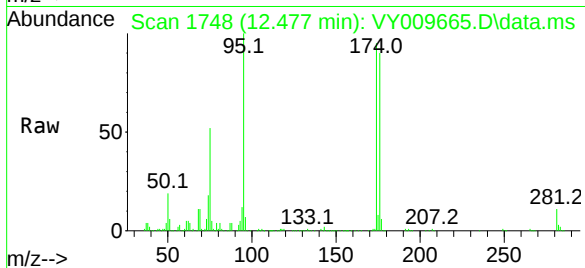
PX-2

Tgt Ion: 75 Resp: 58412

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.023 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY009665.D

Acq: 22 Jul 2022 17:23

Tgt Ion: 75 Resp: 58412

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.3 37.0 55.4#

