

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009584.D
 Acq On : 19 Jul 2022 13:08
 Operator : KP/MD
 Sample : N3731-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jul 19 15:11:47 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)

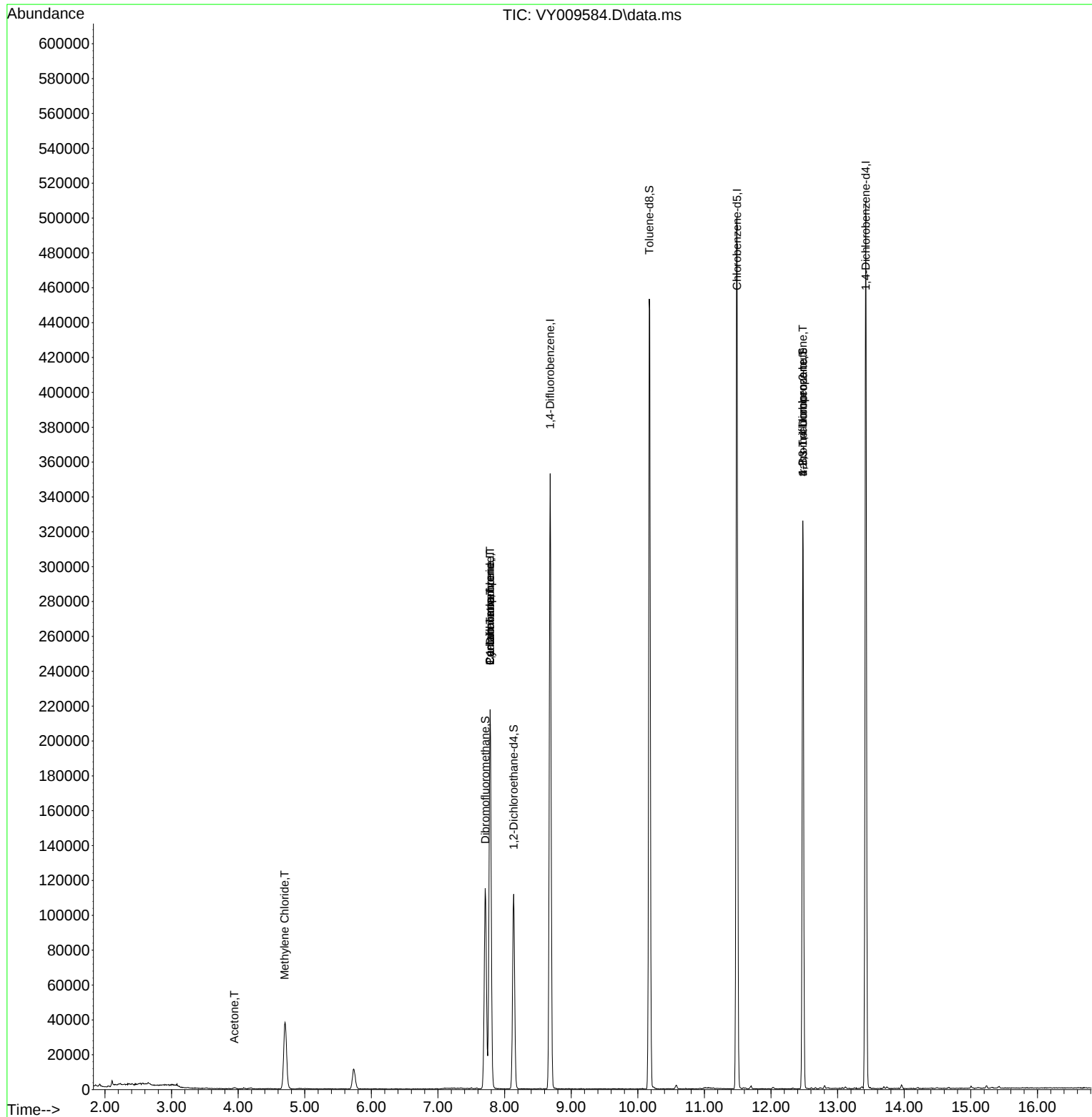
Internal Standards						
1) Pentafluorobenzene	7.783	168	180163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82749	48.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.710	113	80384	42.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.060%
50) Toluene-d8	10.173	98	303981	41.348	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.700%
62) 4-Bromofluorobenzene	12.477	95	94550	39.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	192	Below Cal	#	77
16) Acetone	3.942	43	1172	2.719	ug/l	97
20) Methylene Chloride	4.698	84	29498	4.662	ug/l	85
31) Cyclohexane	7.783	56	3109	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12639	4.472	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16164	5.464	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	48803	38.263	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48803	75.447	ug/l #	7

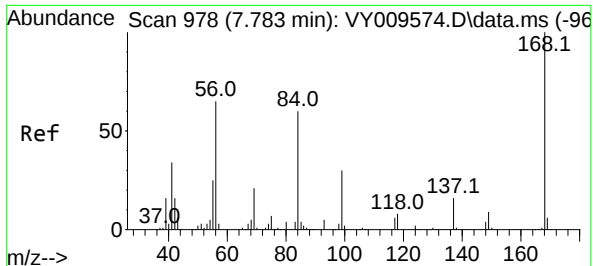
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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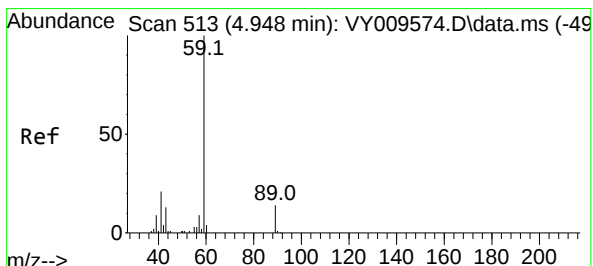
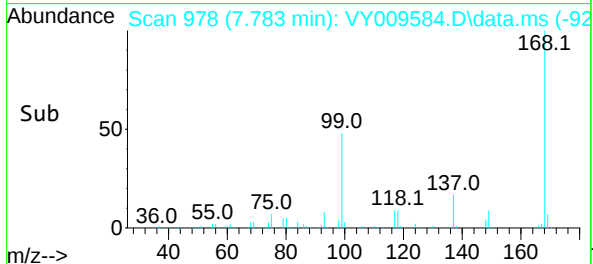
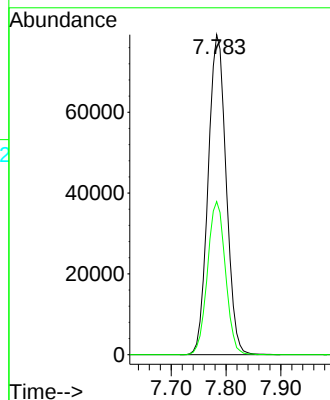
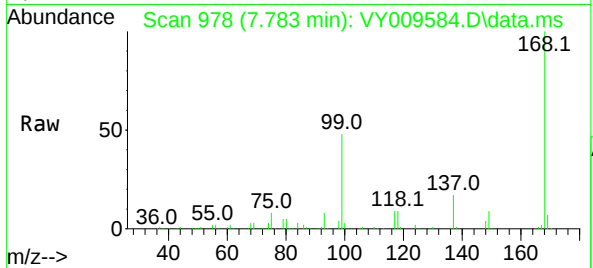




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

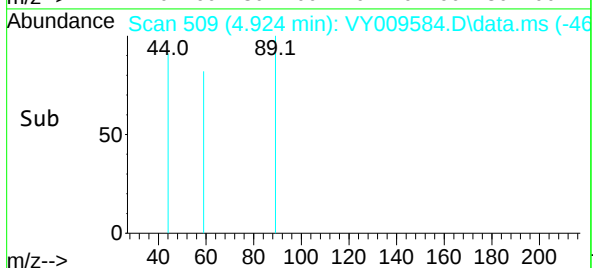
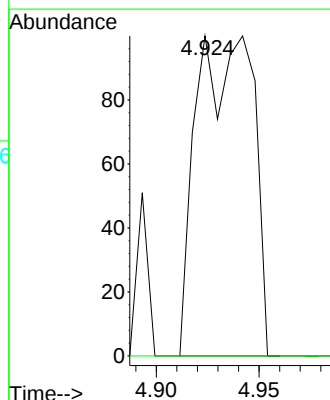
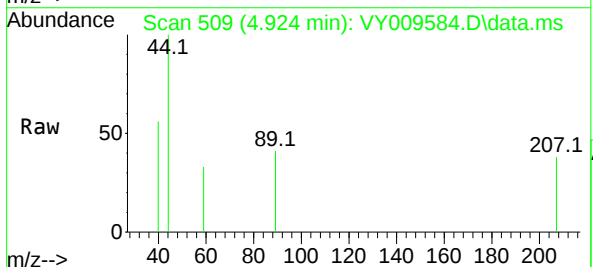
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

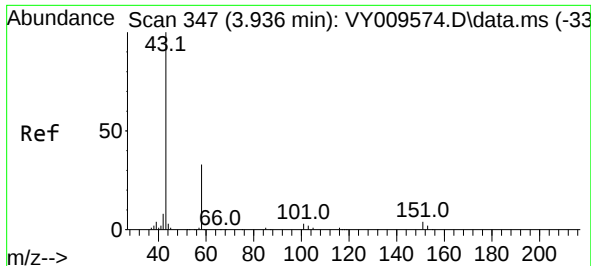
Tgt Ion:168 Resp: 180163
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.719 ug/l

RT: 3.942 min Scan# 347

Delta R.T. 0.006 min

Lab File: VY009584.D

Acq: 19 Jul 2022 13:08

Instrument :

MSVOA_Y

ClientSampleId :

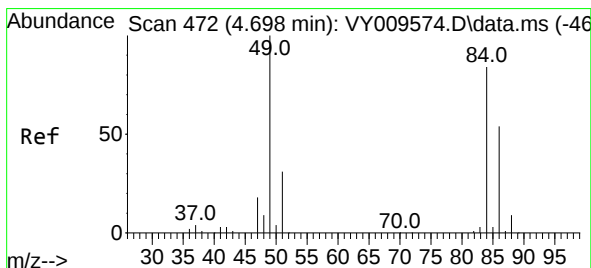
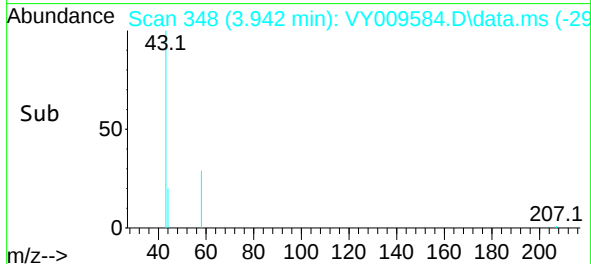
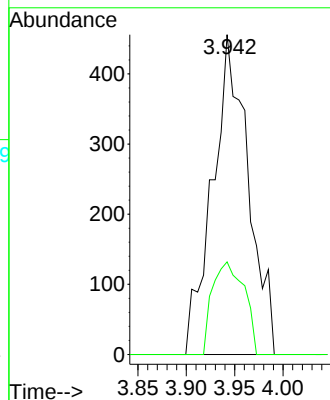
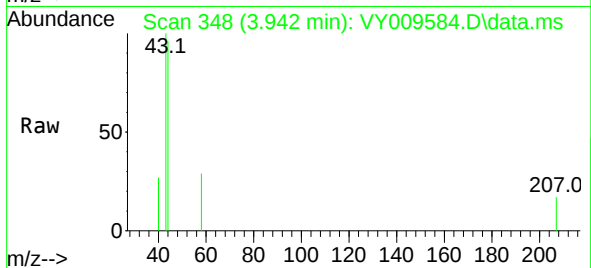
TP-1

Tgt Ion: 43 Resp: 1172

Ion Ratio Lower Upper

43 100

58 28.9 22.0 33.0



#20

Methylene Chloride

Concen: 4.662 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009584.D

Acq: 19 Jul 2022 13:08

Tgt Ion: 84 Resp: 29498

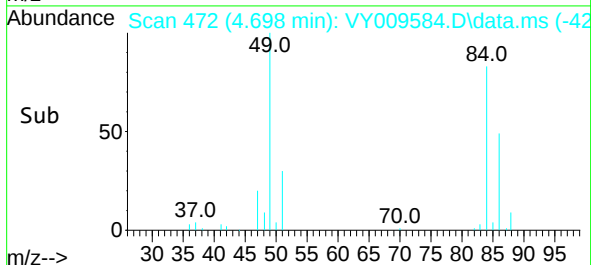
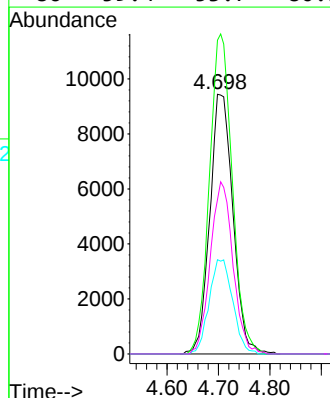
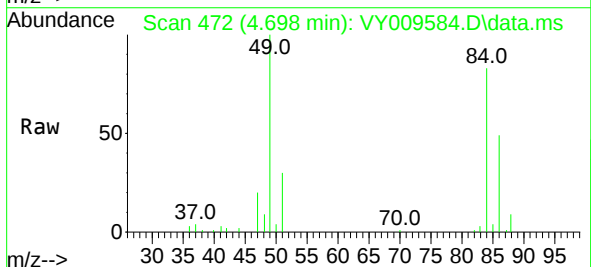
Ion Ratio Lower Upper

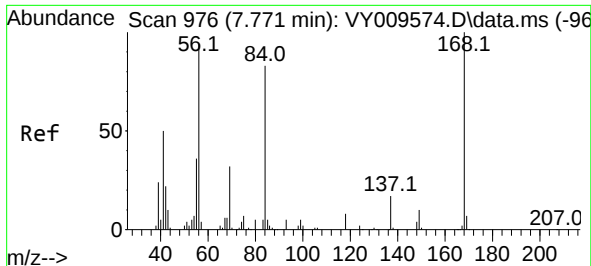
84 100

49 120.8 114.4 171.6

51 36.3 35.3 52.9

86 59.4 53.7 80.5

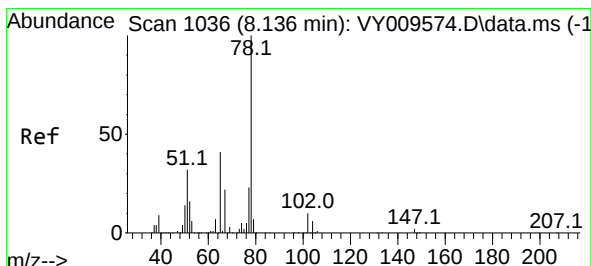
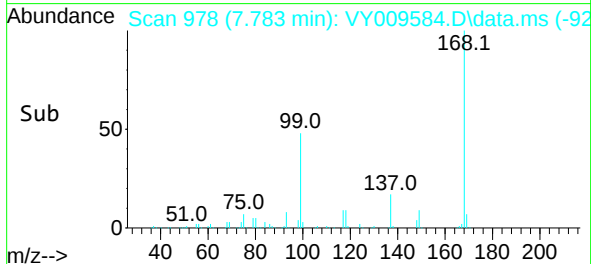
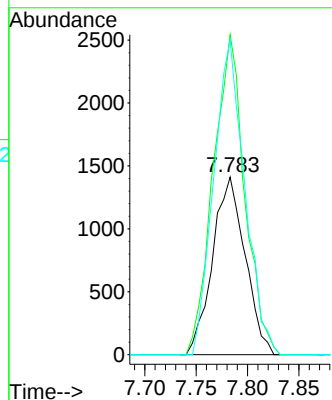
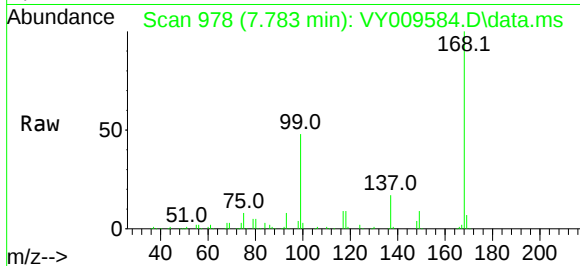




#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

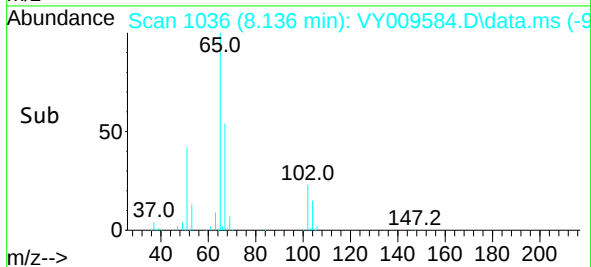
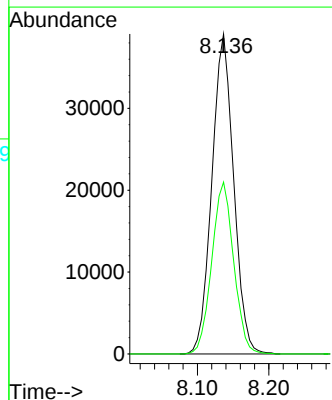
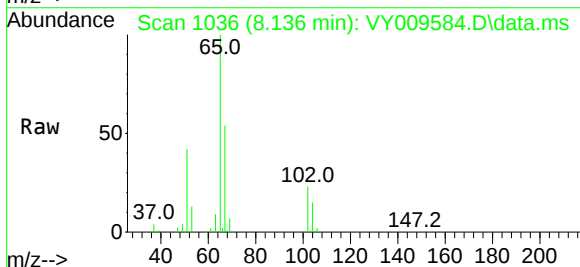
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

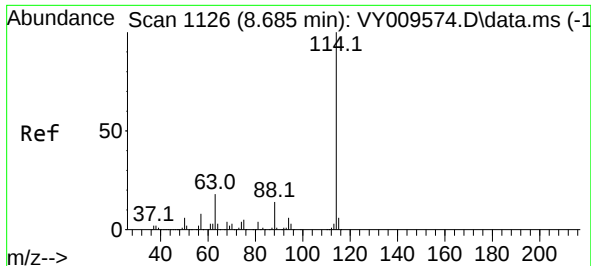
Tgt Ion: 56 Resp: 3109
Ion Ratio Lower Upper
56 100
69 180.2 26.7 40.1#
84 177.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.564 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Tgt Ion: 65 Resp: 82749
Ion Ratio Lower Upper
65 100
67 54.0 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: VY009584.D

Acq: 19 Jul 2022 13:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

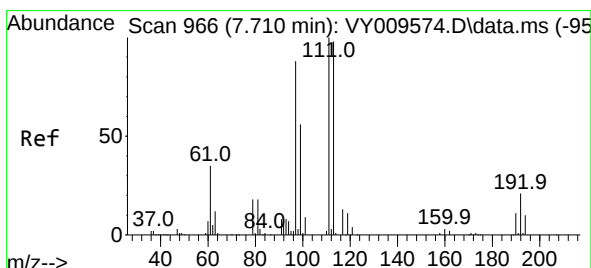
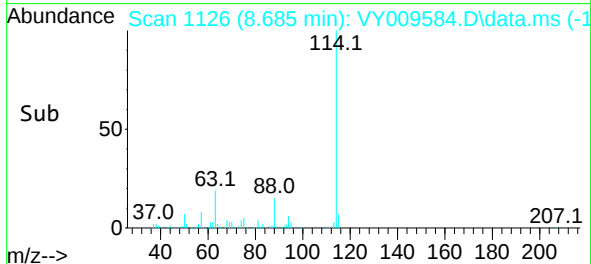
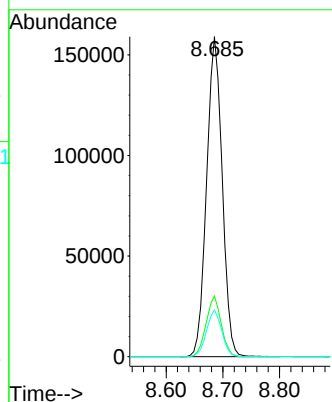
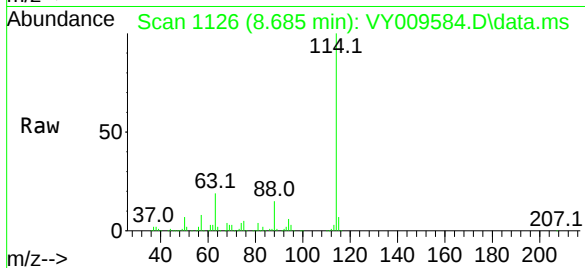
Tgt Ion:114 Resp: 303552

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.034 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009584.D

Acq: 19 Jul 2022 13:08

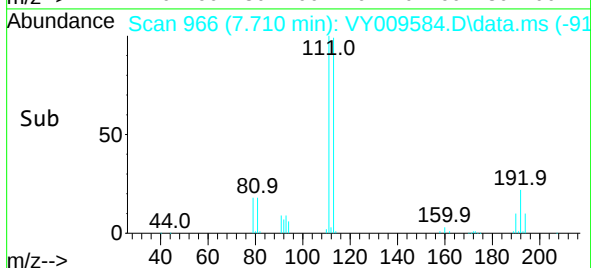
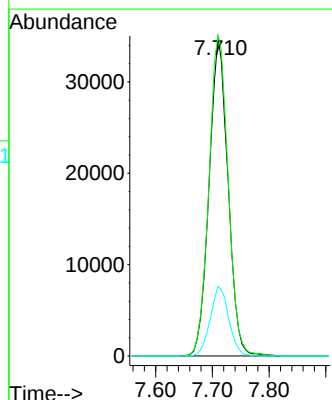
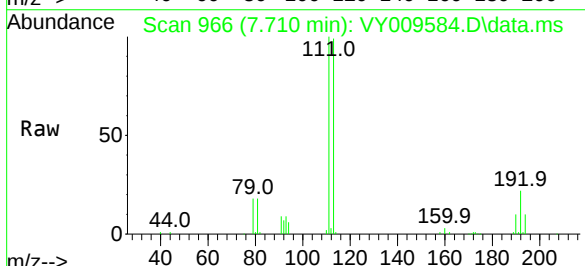
Tgt Ion:113 Resp: 80384

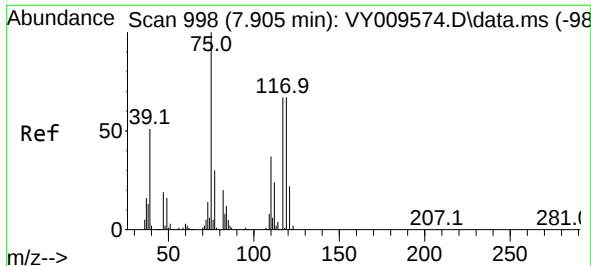
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 21.5 17.6 26.4

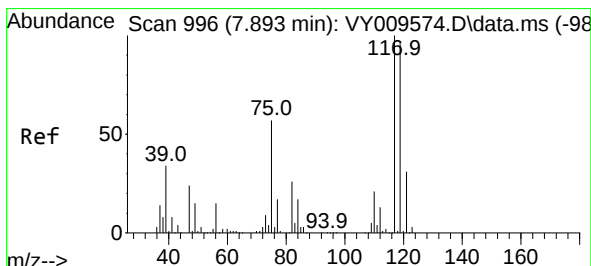
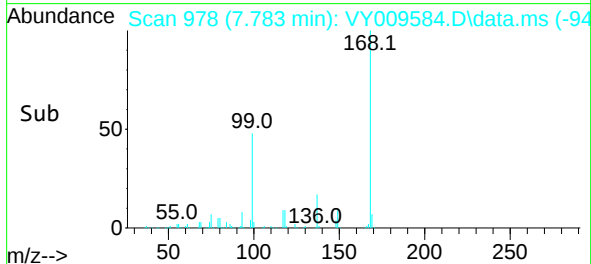
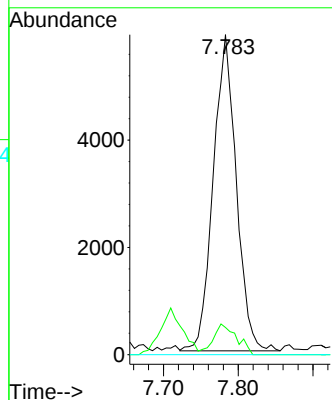
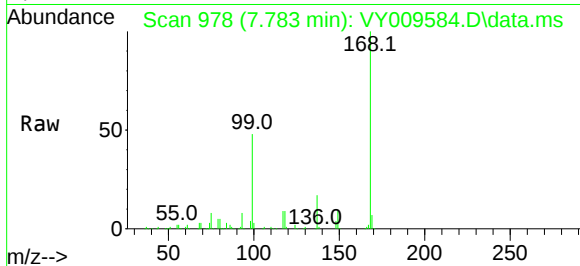




#36
 1,1-Dichloropropene
 Concen: 4.472 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY009584.D
 Acq: 19 Jul 2022 13:08

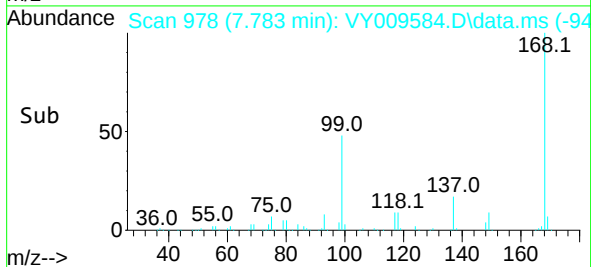
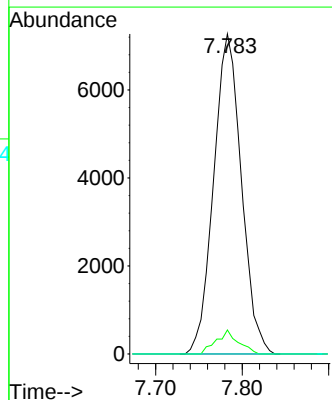
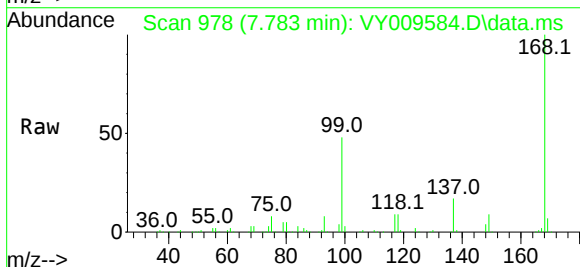
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

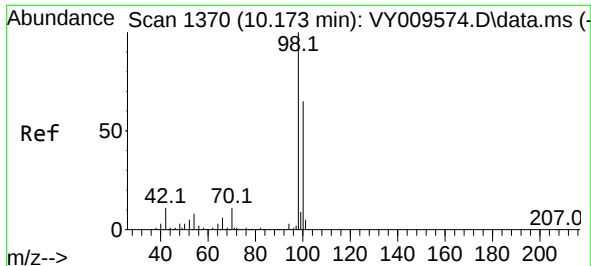
Tgt Ion: 75 Resp: 12639
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.464 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY009584.D
 Acq: 19 Jul 2022 13:08

Tgt Ion: 117 Resp: 16164
 Ion Ratio Lower Upper
 117 100
 119 7.5 77.9 116.9#
 121 0.0 24.8 37.2#

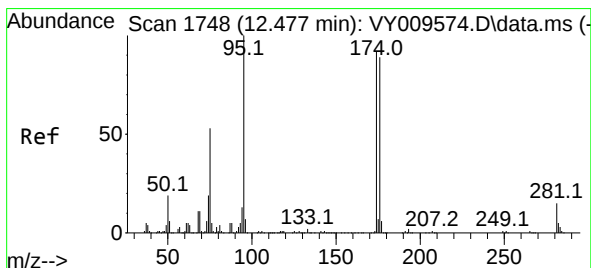
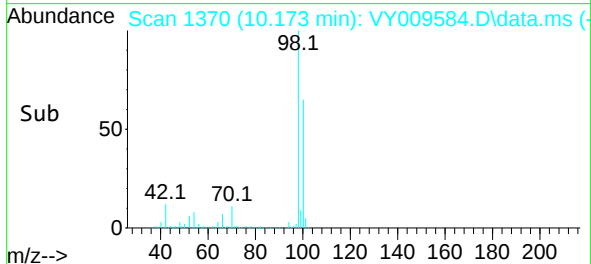
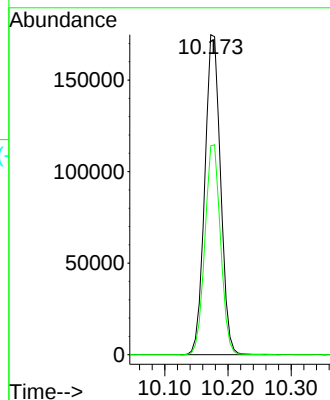
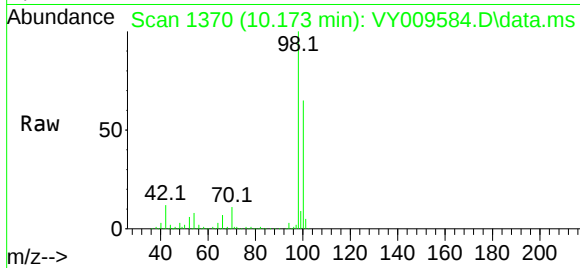




#50
Toluene-d8
Concen: 41.348 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

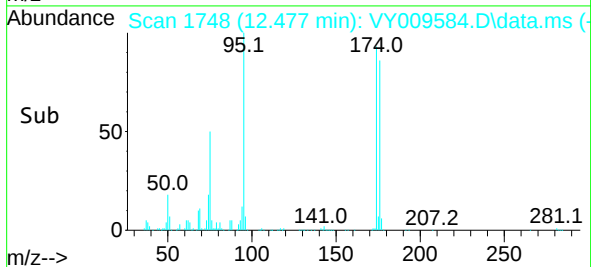
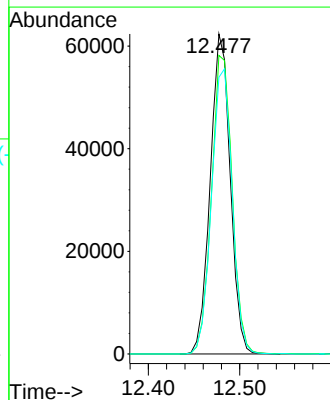
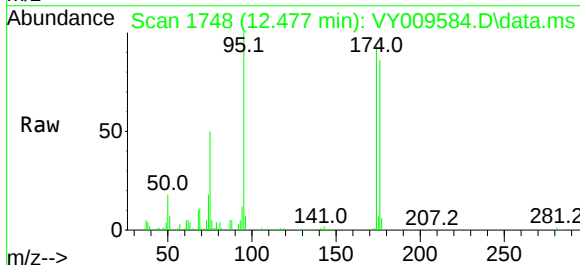
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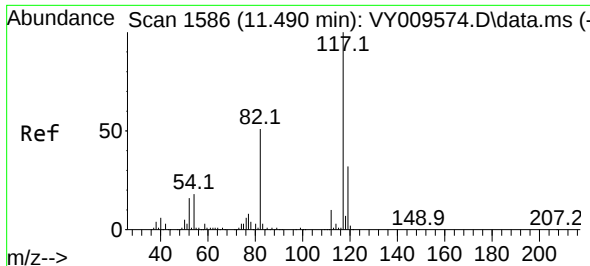
Tgt Ion: 98 Resp: 303981
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.691 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Tgt Ion: 95 Resp: 94550
Ion Ratio Lower Upper
95 100
174 96.5 0.0 177.0
176 92.4 0.0 175.8

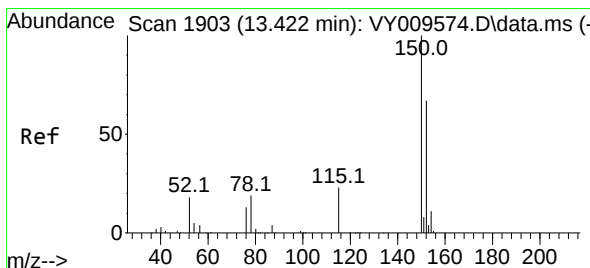
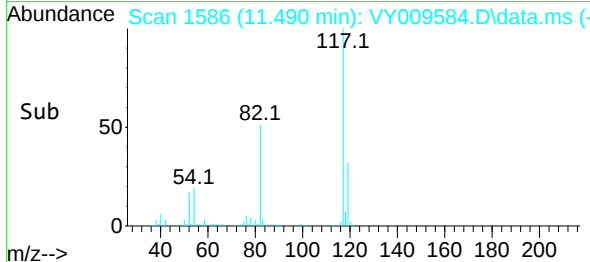
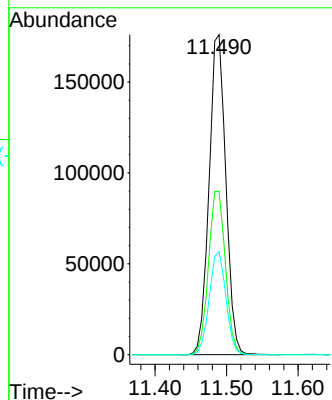
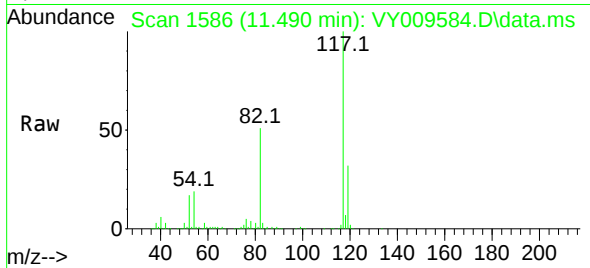




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

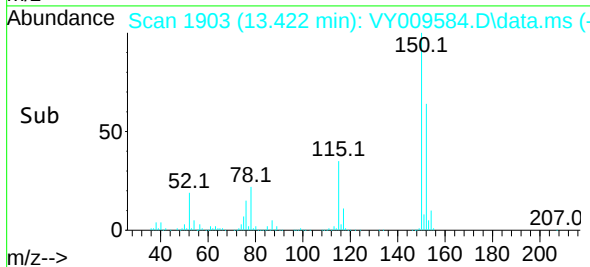
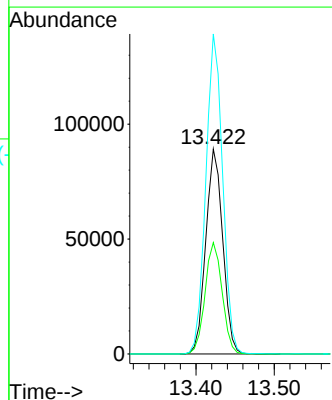
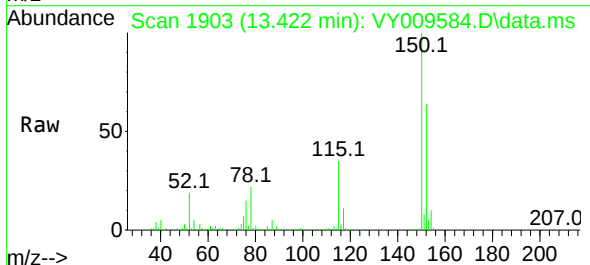
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

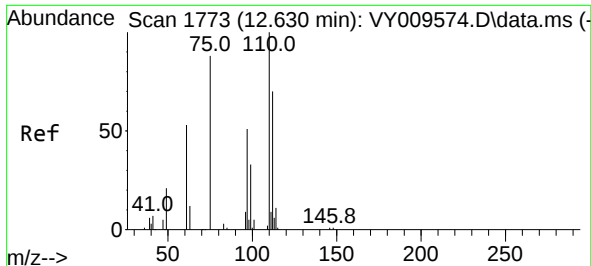
Tgt Ion:117 Resp: 286124
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Tgt Ion:152 Resp: 133890
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 154.7 0.0 347.6

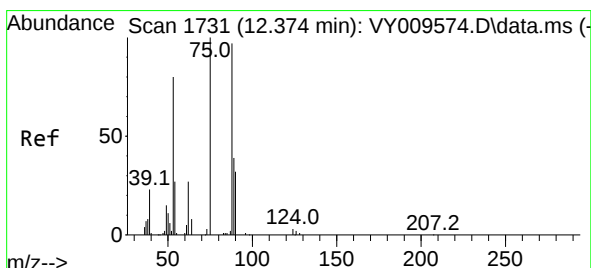
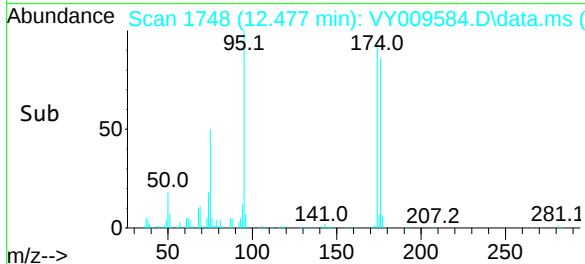
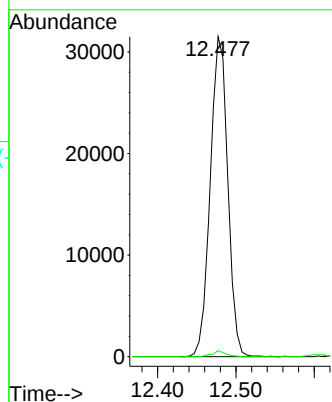
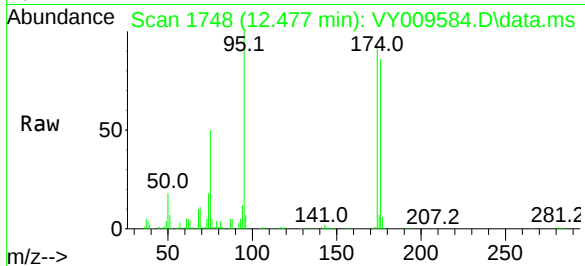




#76
1,2,3-Trichloropropane
Concen: 38.263 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 48803
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.447 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Tgt Ion: 75 Resp: 48803
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

