

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009585.D
 Acq On : 19 Jul 2022 13:31
 Operator : KP/MD
 Sample : N3731-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jul 19 15:12:06 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)

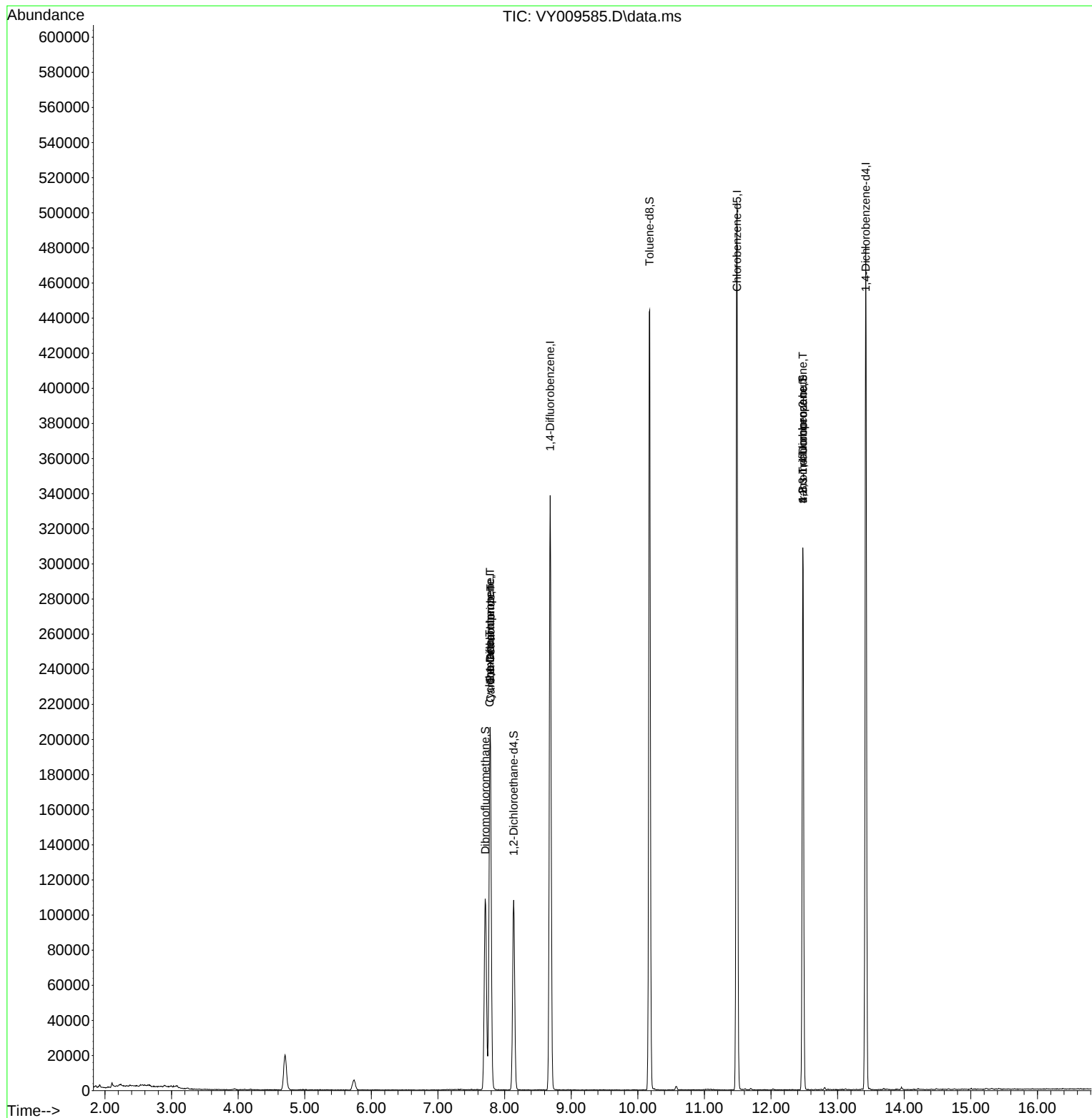
Internal Standards						
1) Pentafluorobenzene	7.782	168	174464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81363	49.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.709	113	78648	42.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.500%
50) Toluene-d8	10.178	98	293944	41.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.140%
62) 4-Bromofluorobenzene	12.477	95	92008	39.675	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	33	Below Cal	#	77
20) Methylene Chloride	4.710	84	15267	Below Cal	#	79
31) Cyclohexane	7.776	56	3142	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	12337	4.484	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15769	5.476	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	46170	38.108	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46170	75.140	ug/l #	7

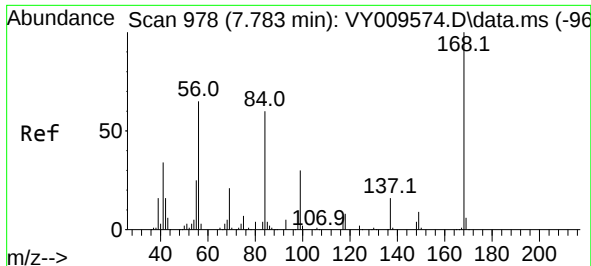
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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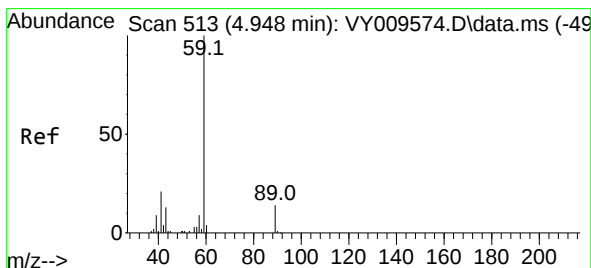
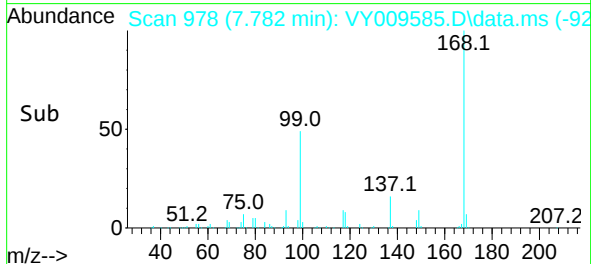
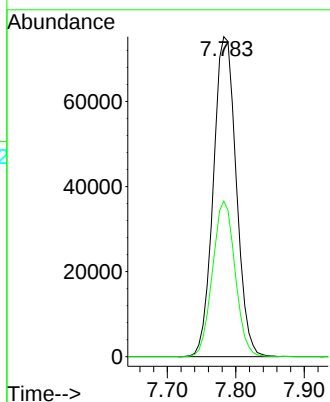
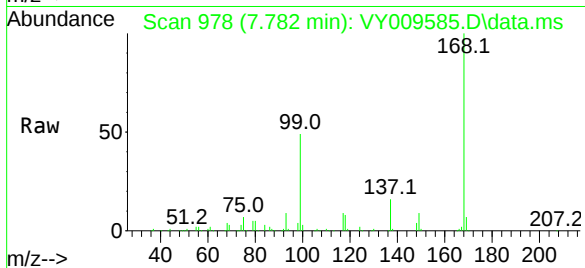




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

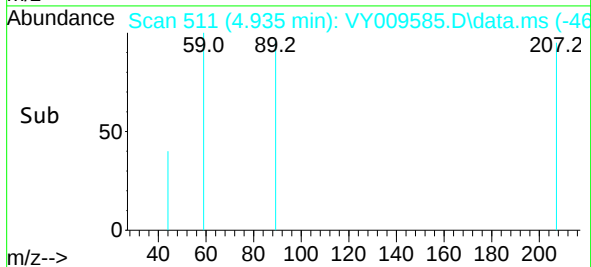
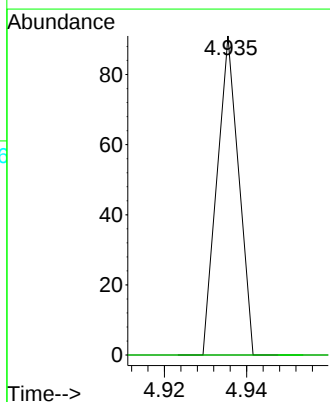
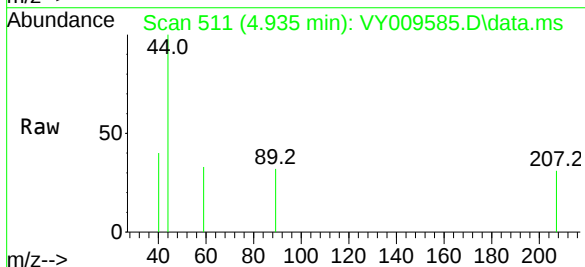
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

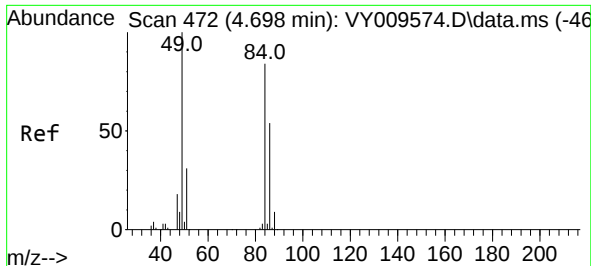
Tgt Ion:168 Resp: 174464
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.935 min Scan# 511
Delta R.T. -0.013 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

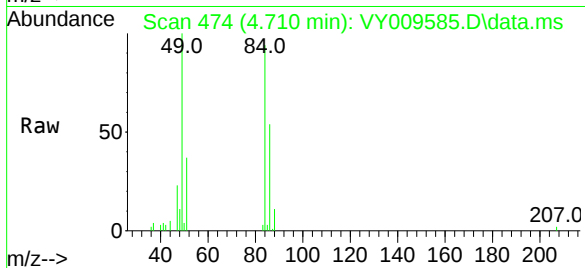
Tgt Ion: 59 Resp: 33
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





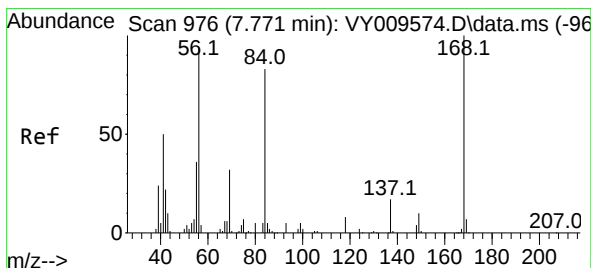
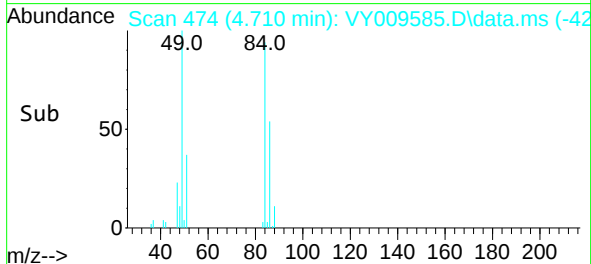
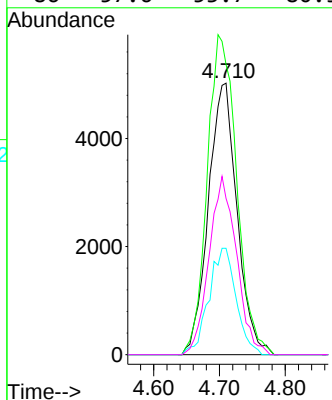
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

Instrument :
MSVOA_Y
ClientSampleId :
TP-2



Tgt Ion: 84 Resp: 15267

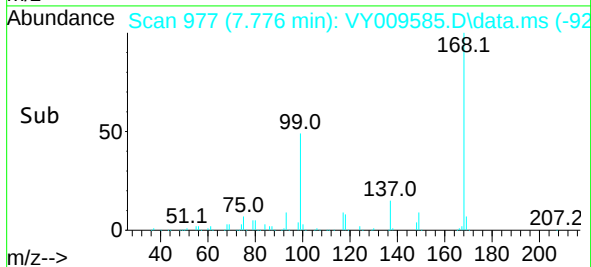
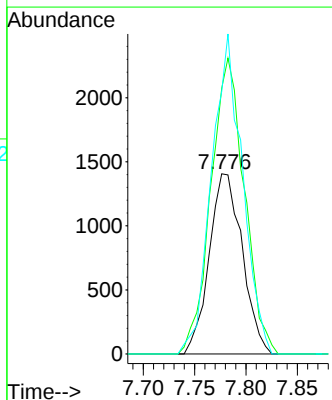
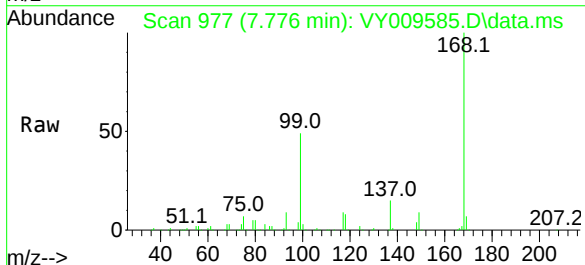
Ion	Ratio	Lower	Upper
84	100		
49	106.9	114.4	171.6#
51	39.2	35.3	52.9
86	57.6	53.7	80.5

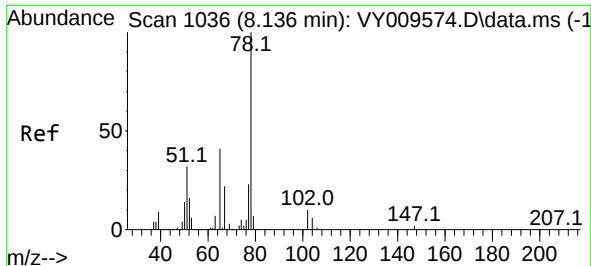


#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.776 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

Tgt Ion: 56 Resp: 3142

Ion	Ratio	Lower	Upper
56	100		
69	147.5	26.7	40.1#
84	145.6	67.2	100.8#

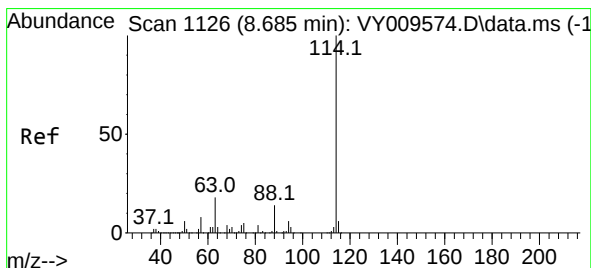
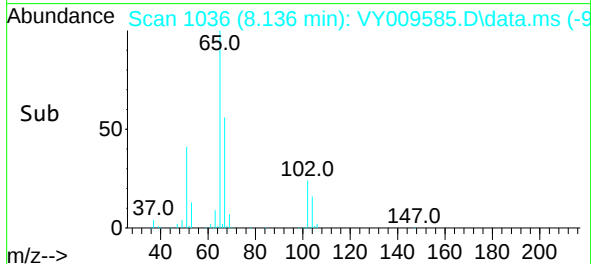
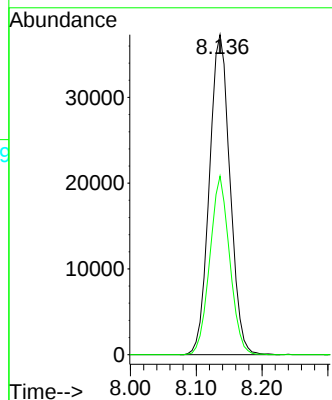
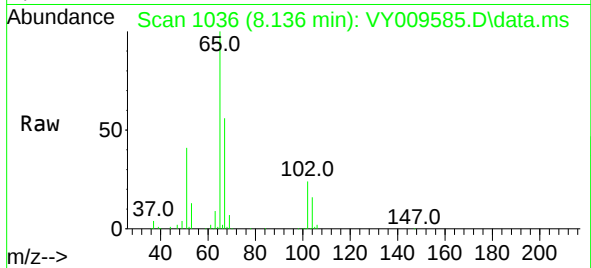




#33
 1,2-Dichloroethane-d4
 Concen: 49.311 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY009585.D
 Acq: 19 Jul 2022 13:31

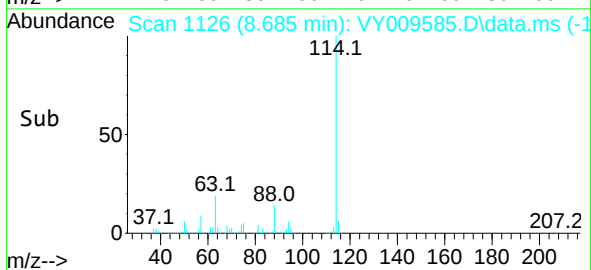
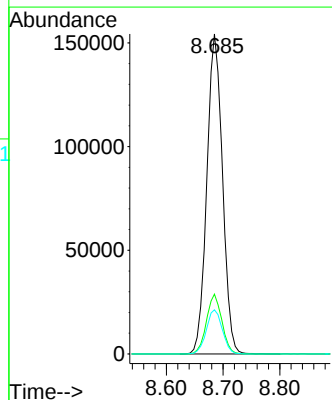
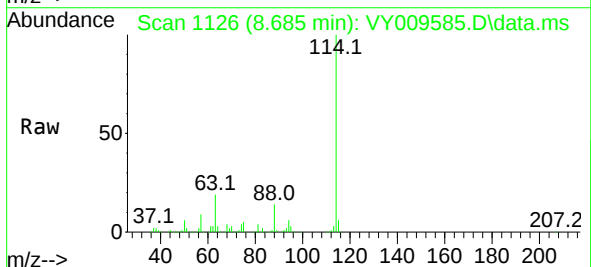
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

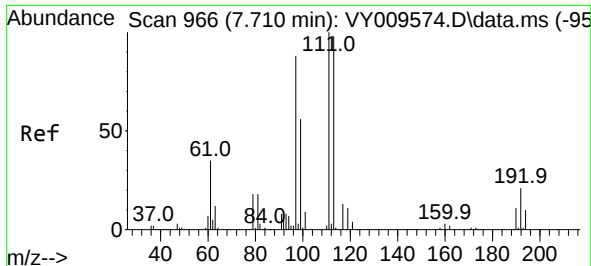
Tgt Ion: 65 Resp: 81363
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009585.D
 Acq: 19 Jul 2022 13:31

Tgt Ion: 114 Resp: 295510
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.2
 88 13.8 0.0 31.8

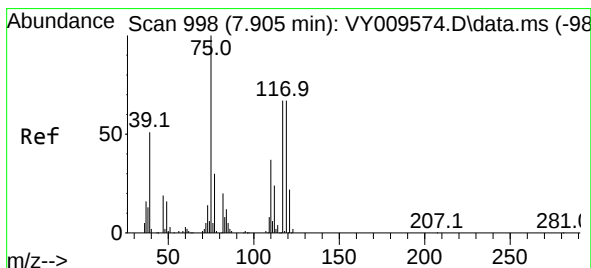
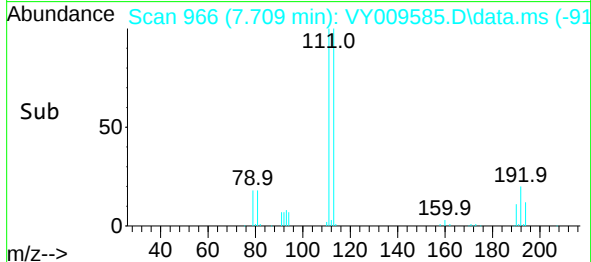
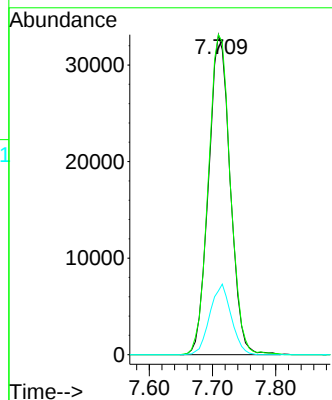
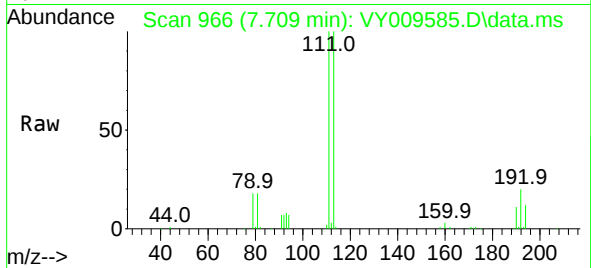




#35
Dibromofluoromethane
Concen: 42.245 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

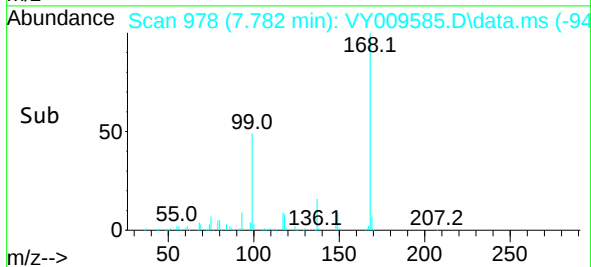
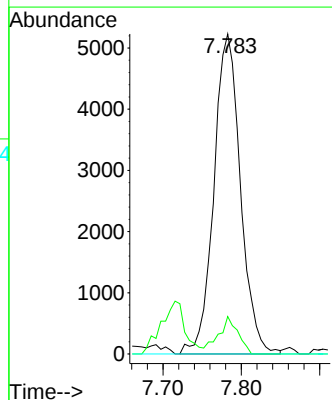
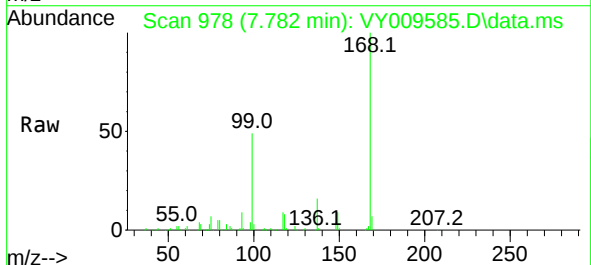
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

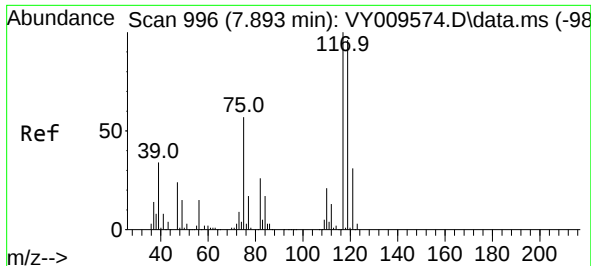
Tgt Ion:113 Resp: 78648
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.484 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

Tgt Ion: 75 Resp: 12337
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

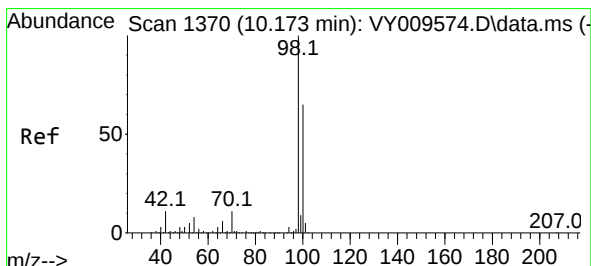
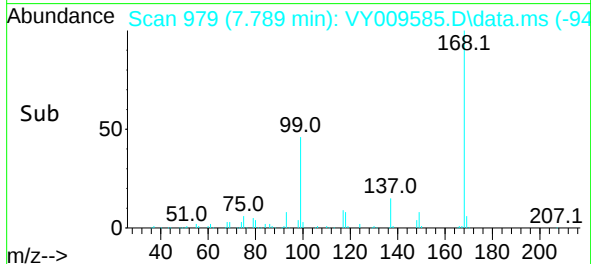
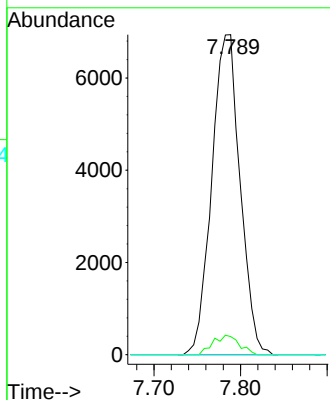
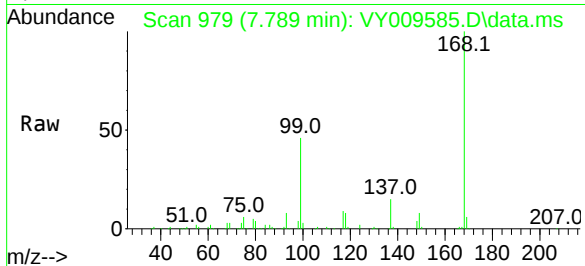




#38
Carbon Tetrachloride
Concen: 5.476 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

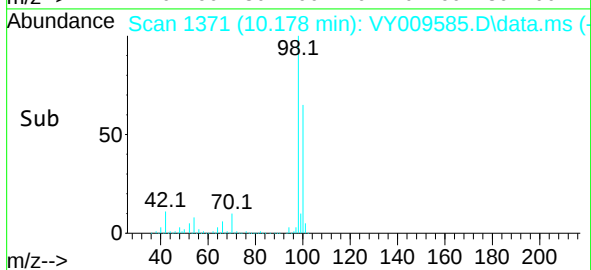
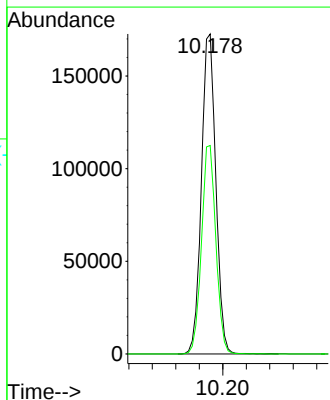
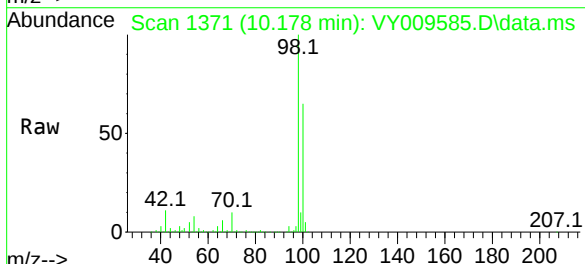
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

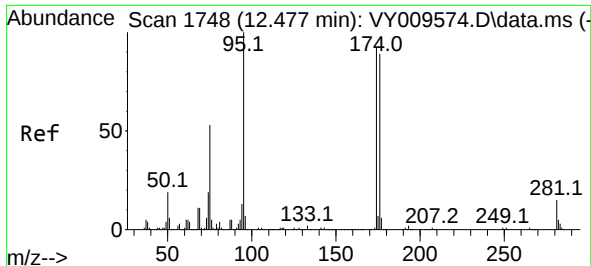
Tgt Ion:117 Resp: 15769
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 41.071 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

Tgt Ion: 98 Resp: 293944
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

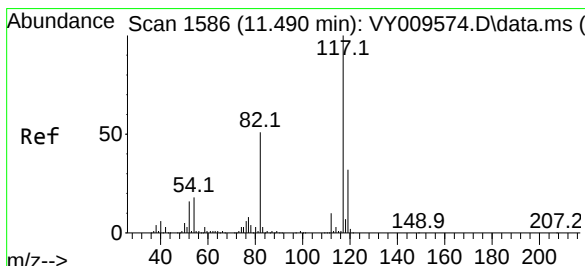
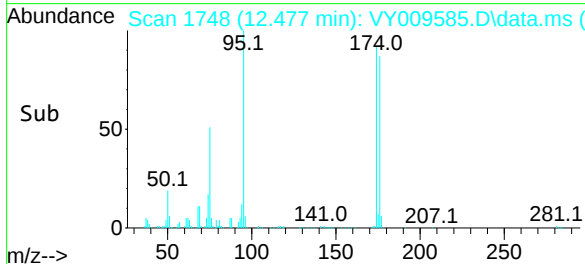
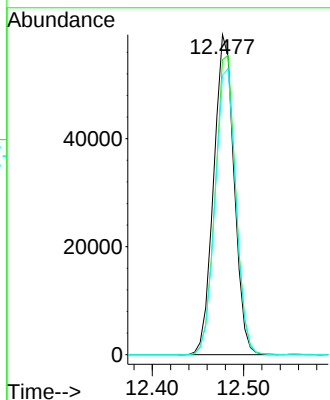
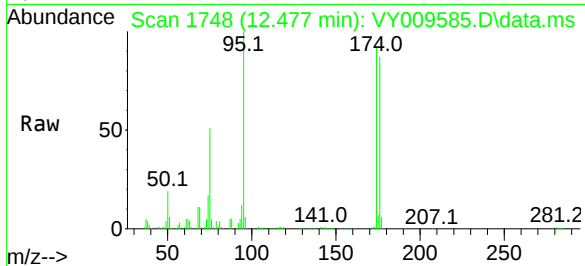




#62
4-Bromofluorobenzene
Concen: 39.675 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

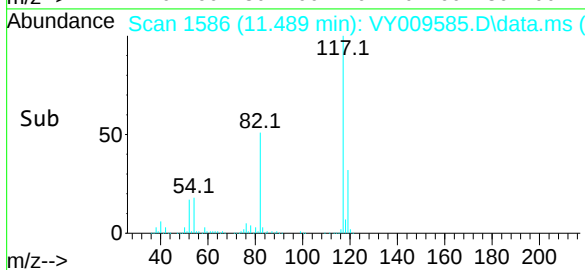
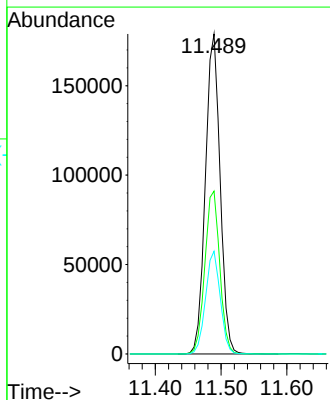
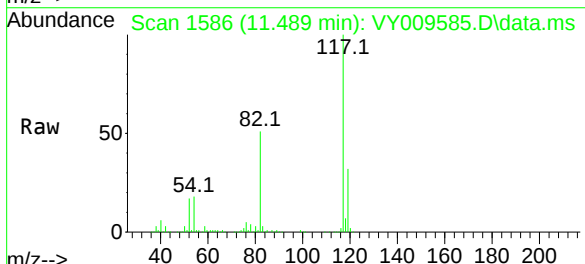
Instrument :
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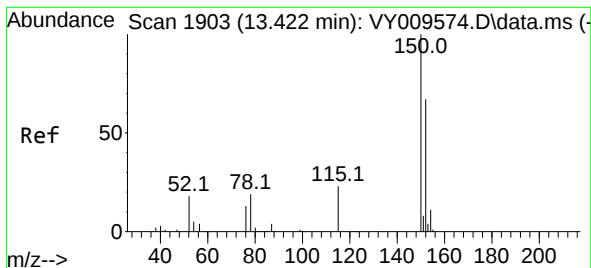
Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	177.0
176	90.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.0	64.4
119	32.1	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: VY009585.D

Acq: 19 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

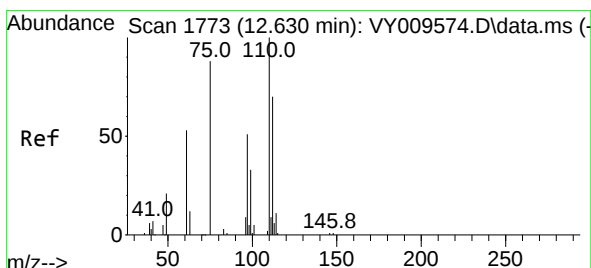
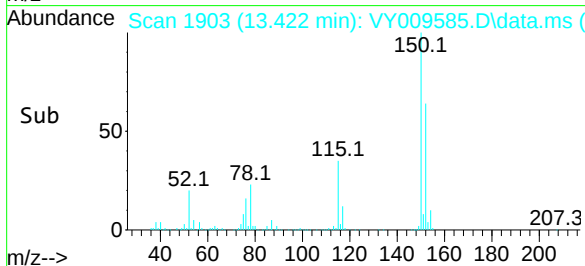
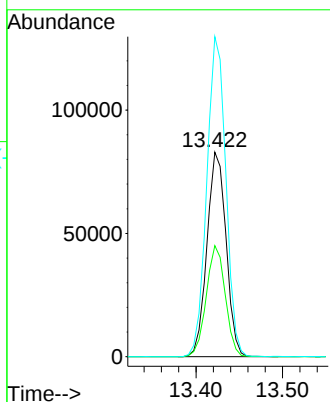
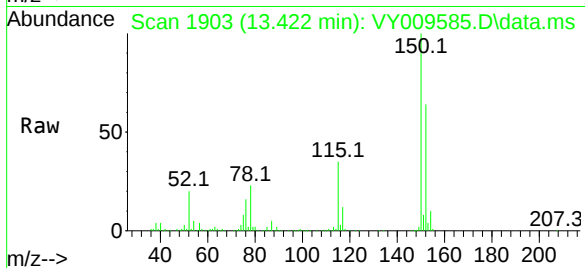
Tgt Ion:152 Resp: 127184

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 155.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 38.108 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009585.D

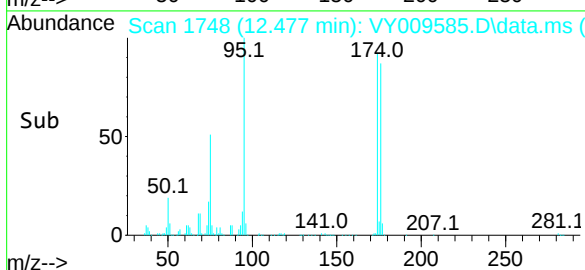
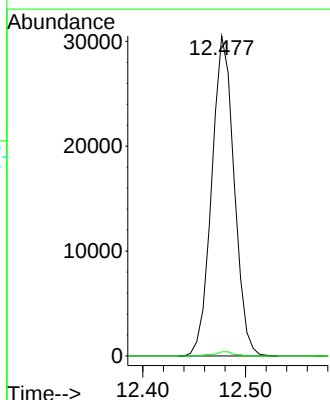
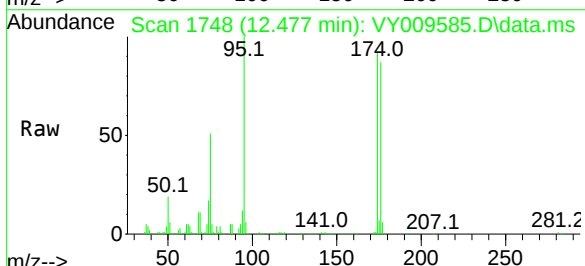
Acq: 19 Jul 2022 13:31

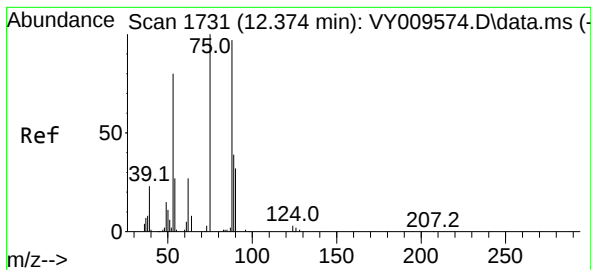
Tgt Ion: 75 Resp: 46170

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.140 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009585.D
 Acq: 19 Jul 2022 13:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Tgt Ion: 75 Resp: 46170
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

