

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010469.D
 Acq On : 13 Sep 2022 19:16
 Operator : KP/MD
 Sample : N4466-02
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-5-(17-23)

Quant Time: Sep 14 05:27:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

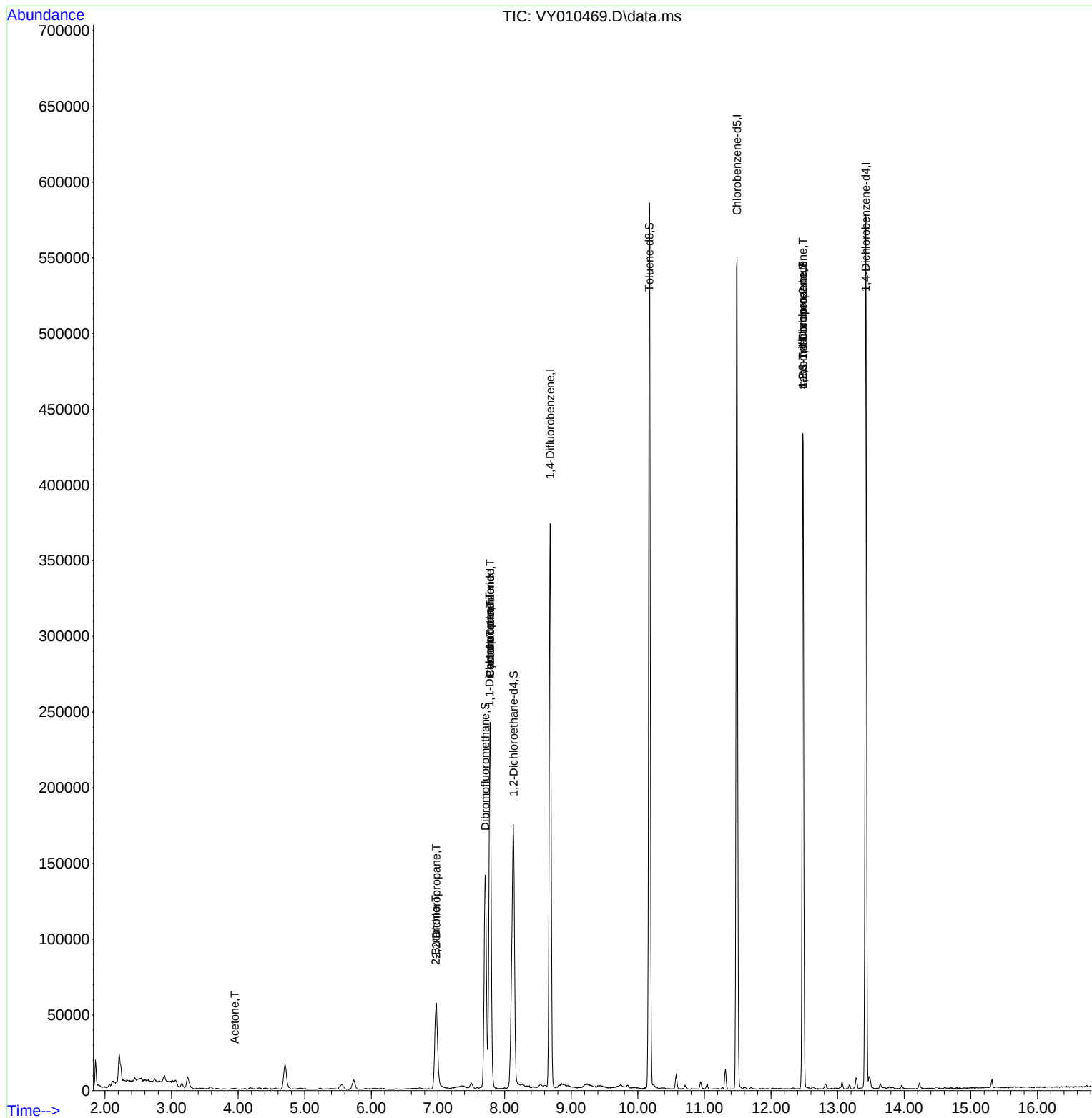
Internal Standards						
1) Pentafluorobenzene	7.783	168	187189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111483	59.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.260%	
35) Dibromofluoromethane	7.710	113	101827	44.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.320%	
50) Toluene-d8	10.173	98	384464	52.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.477	95	134398	45.310	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.620%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	921	Below Cal		96
11) Tert butyl alcohol	4.936	59	1521	Below Cal	#	77
16) Acetone	3.948	43	982	2.270	ug/l #	47
20) Methylene Chloride	4.698	84	12435	Below Cal	#	82
25) 2-Butanone	6.966	43	2918	4.244	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	4397	1.312	ug/l #	55
31) Cyclohexane	7.783	56	3960	1.243	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	14095	4.516	ug/l #	51
38) Carbon Tetrachloride	7.783	117	18335	5.280	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	68790	42.620	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	68790	94.631	ug/l #	7

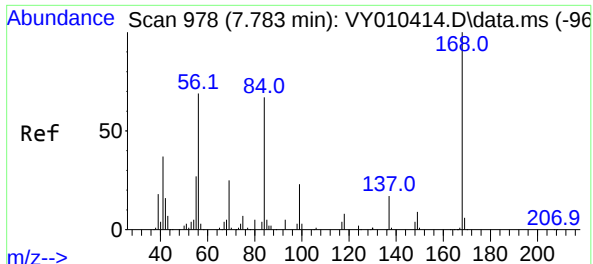
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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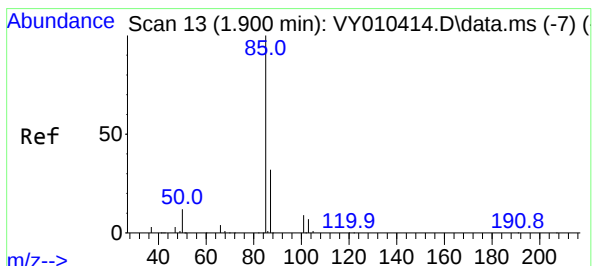
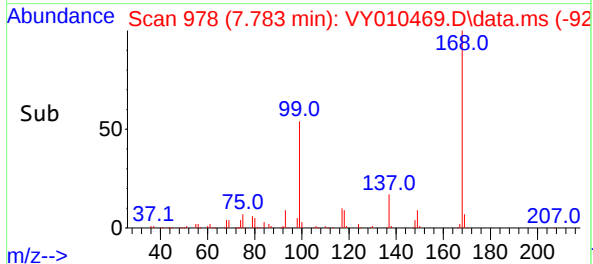
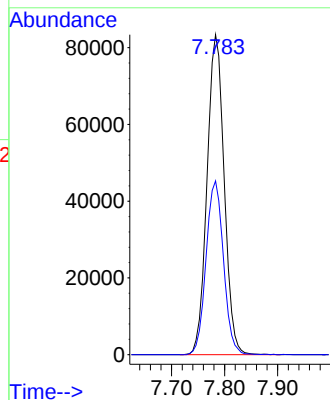
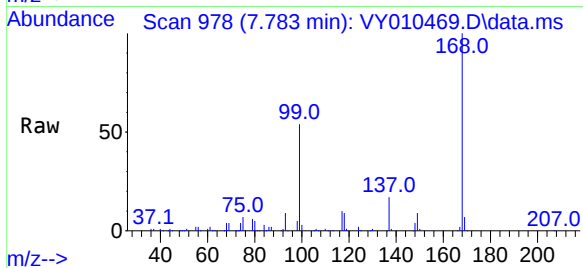




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

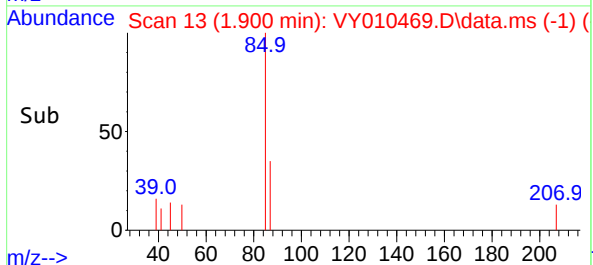
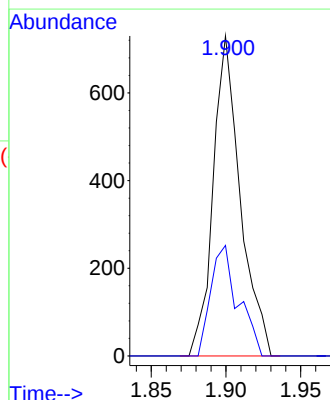
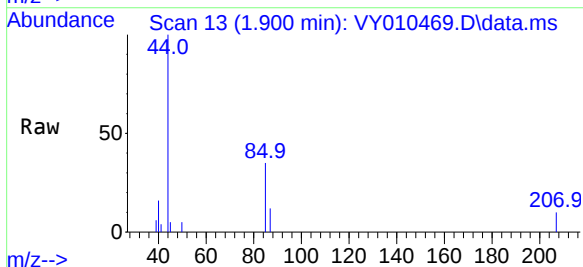
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(17-23)

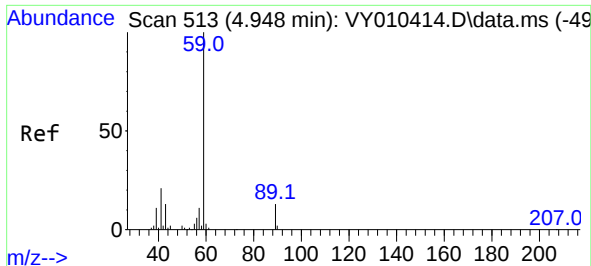
Tgt Ion:168 Resp: 187189
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion: 85 Resp: 921
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2

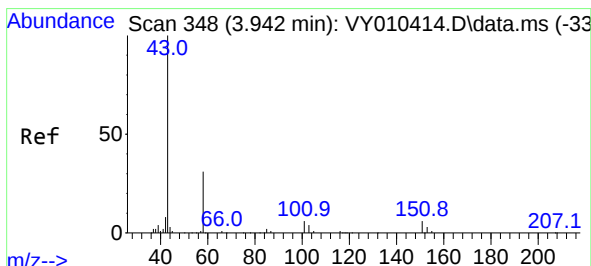
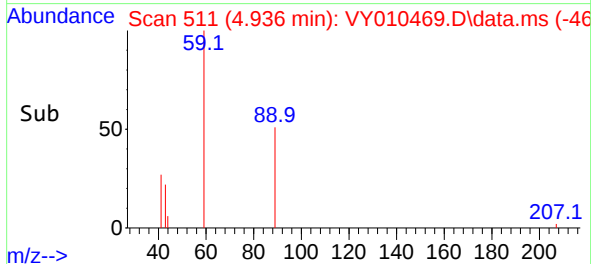
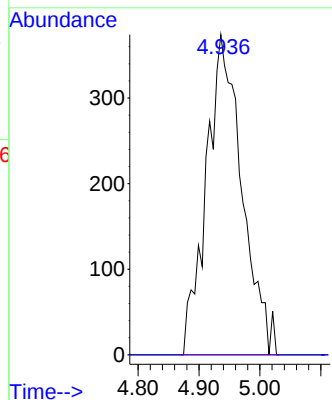
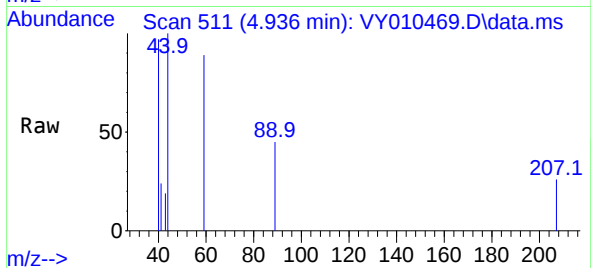




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

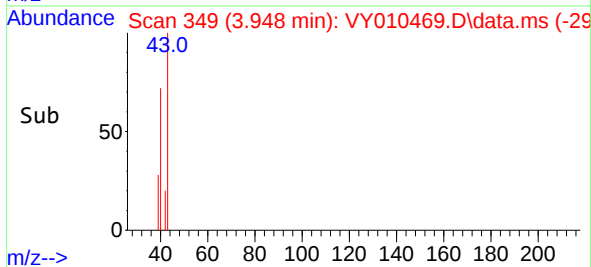
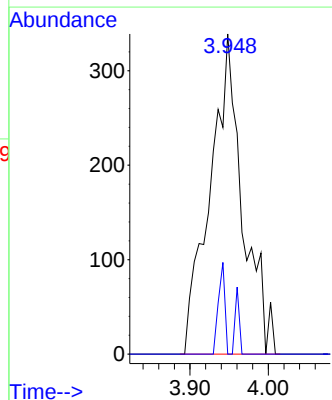
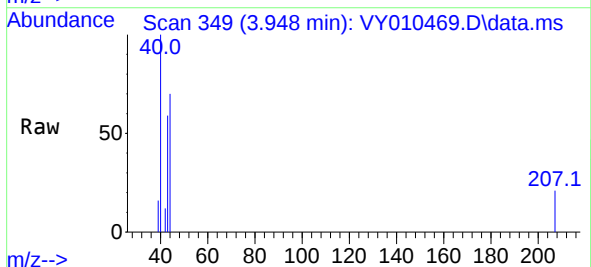
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(17-23)

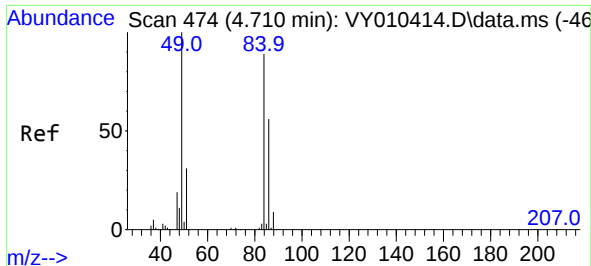
Tgt Ion: 59 Resp: 1521
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.270 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

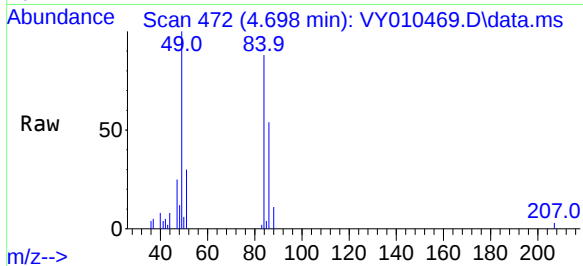
Tgt Ion: 43 Resp: 982
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



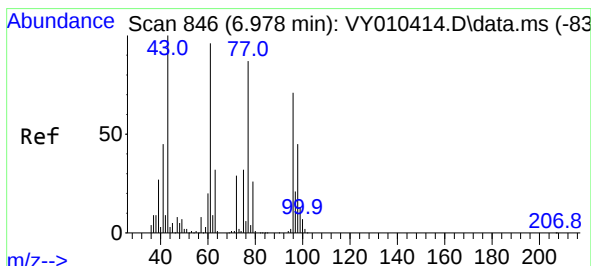
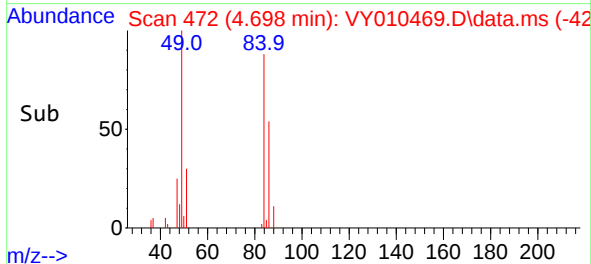
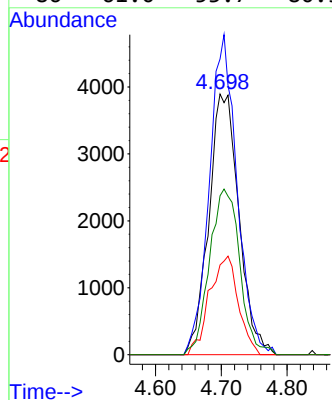


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(17-23)

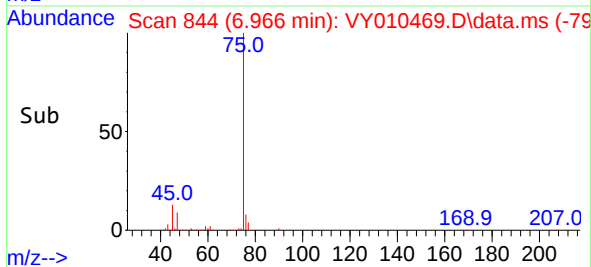
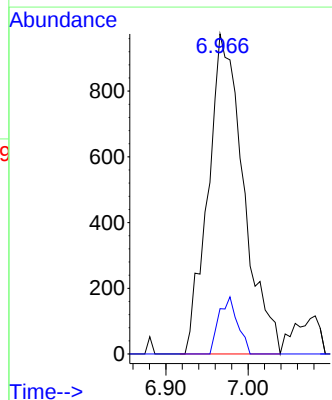
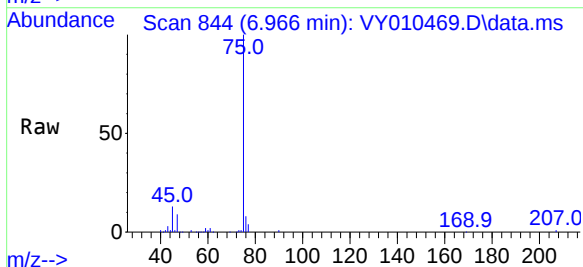


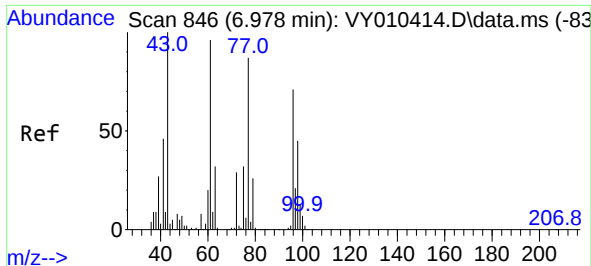
Tgt Ion: 84 Resp: 12435
Ion Ratio Lower Upper
84 100
49 113.4 114.4 171.6#
51 34.4 35.3 52.9#
86 61.0 53.7 80.5



#25
2-Butanone
Concen: 4.244 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion: 43 Resp: 2918
Ion Ratio Lower Upper
43 100
72 14.2 17.7 26.5#

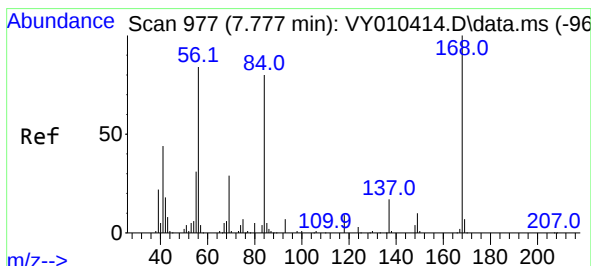
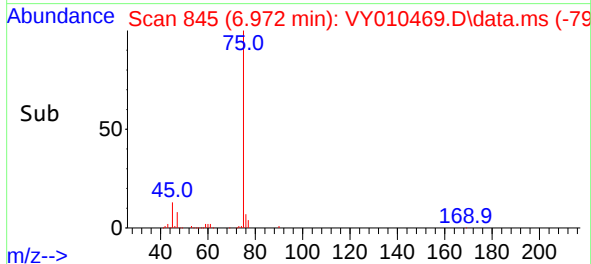
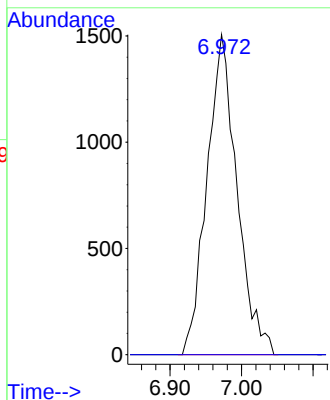
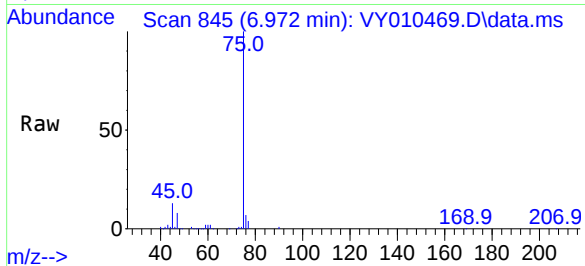




#26
2,2-Dichloropropane
Concen: 1.312 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

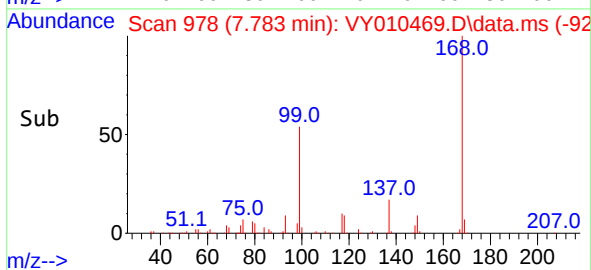
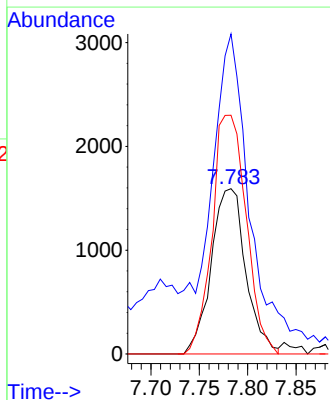
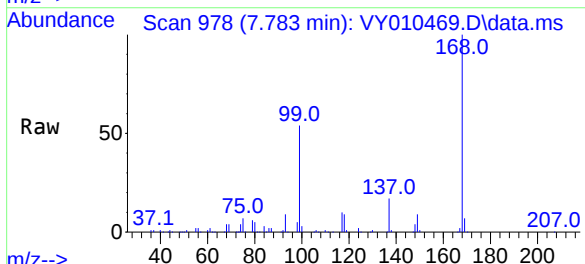
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(17-23)

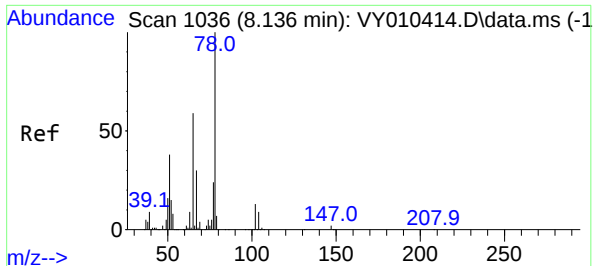
Tgt Ion: 77 Resp: 4397
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion: 56 Resp: 3960
Ion Ratio Lower Upper
56 100
69 168.7 26.7 40.1#
84 144.4 67.2 100.8#

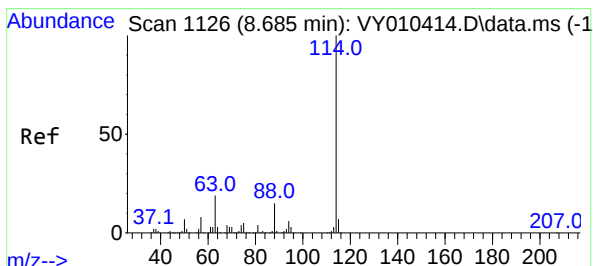
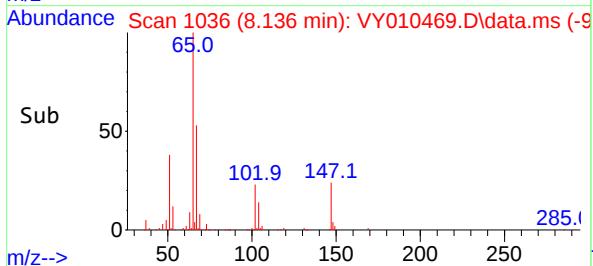
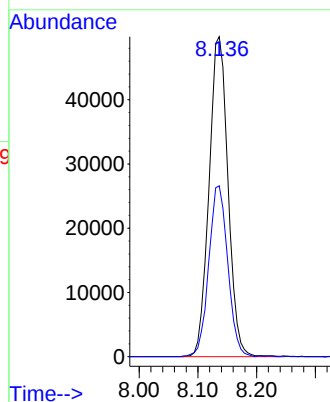
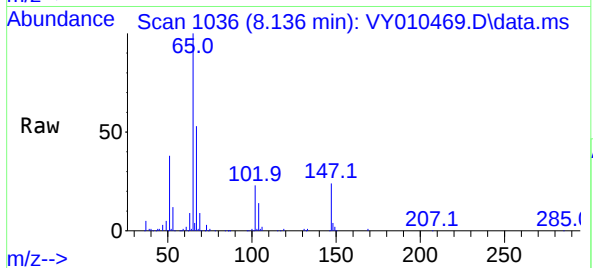




#33
1,2-Dichloroethane-d4
Concen: 59.133 ug/l
RT: 8.136 min Scan# 111483
Delta R.T. 0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

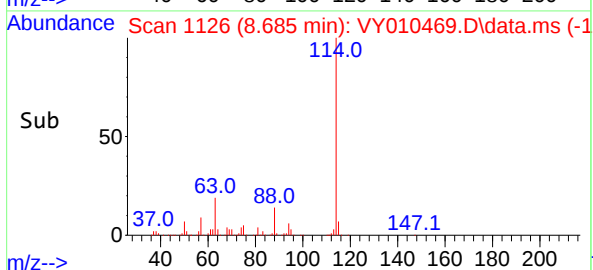
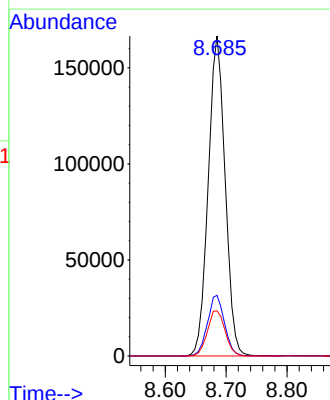
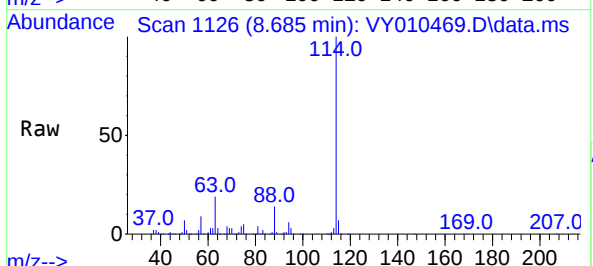
Instrument :
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ClientSampleId :
SASP2-T-5-(17-23)

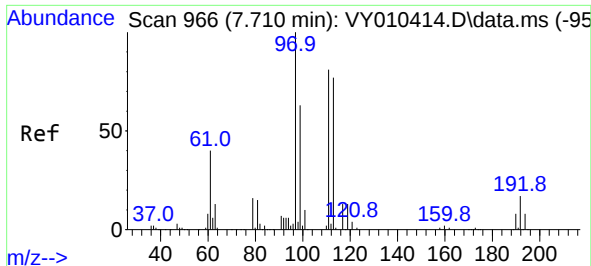
Tgt Ion: 65 Resp: 111483
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion:114 Resp: 321024
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 14.1 0.0 31.8

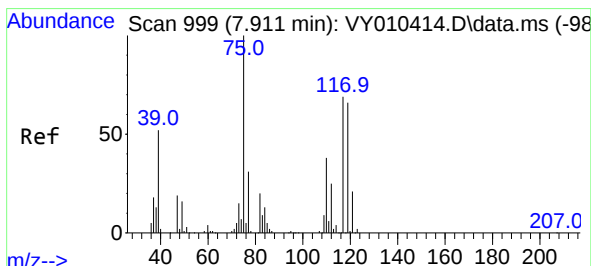
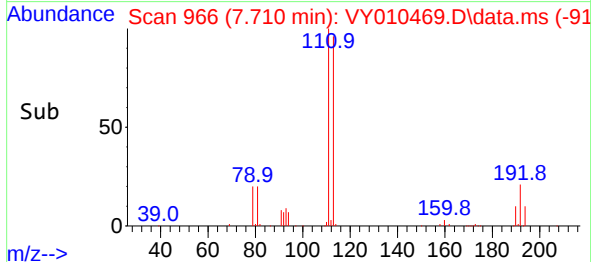
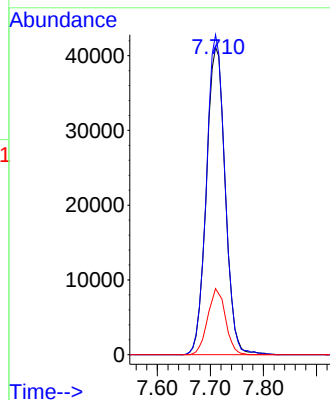
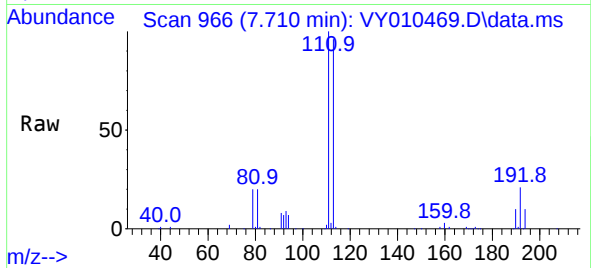




#35
Dibromofluoromethane
Concen: 44.662 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

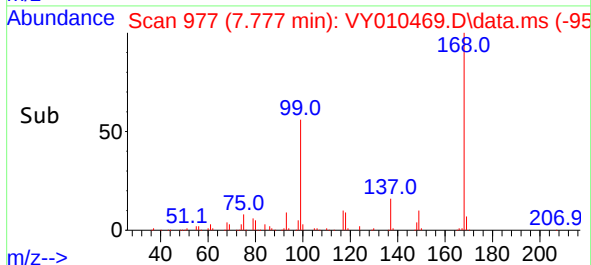
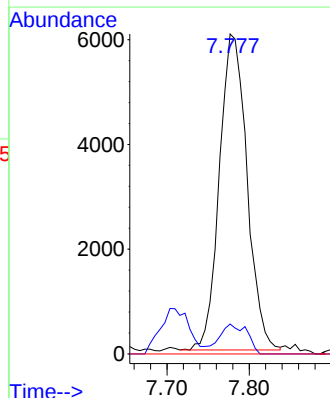
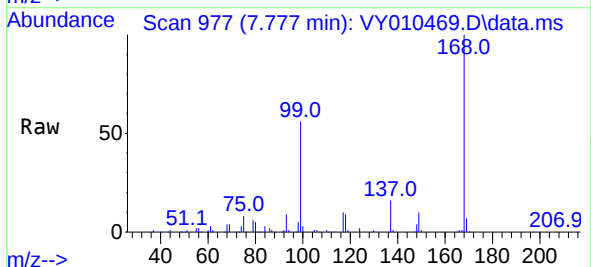
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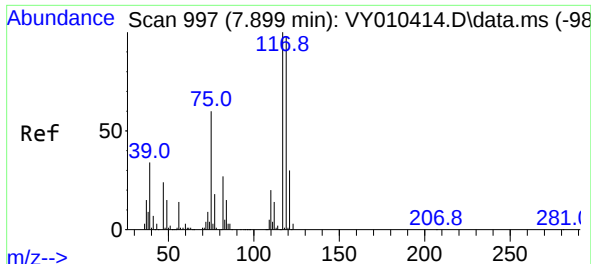
Tgt Ion:113 Resp: 101827
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.516 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion: 75 Resp: 14095
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

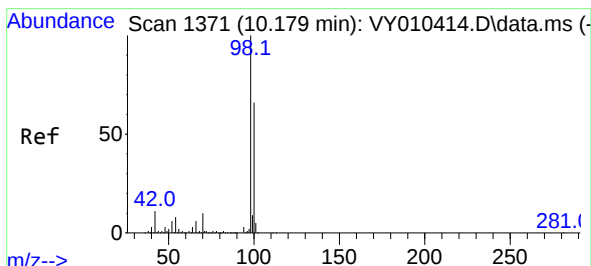
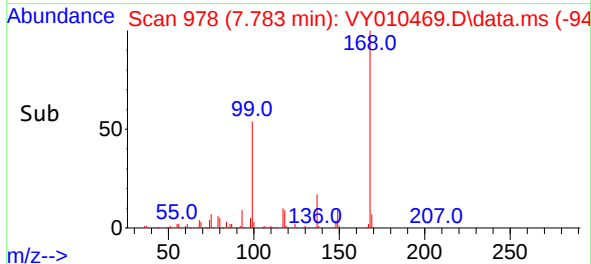
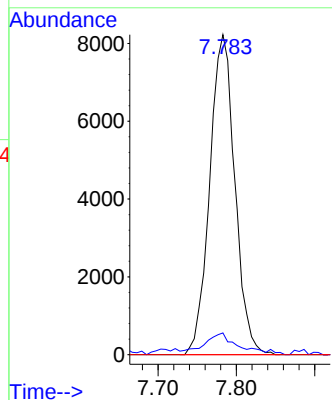
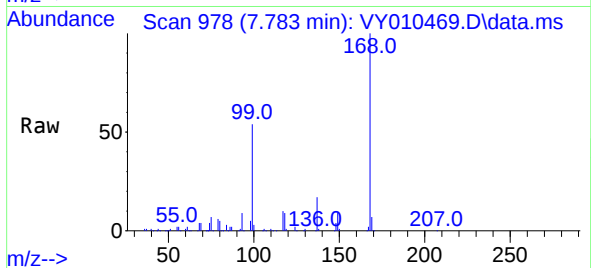




#38
Carbon Tetrachloride
Concen: 5.280 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

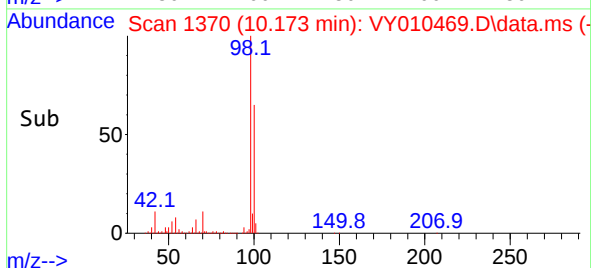
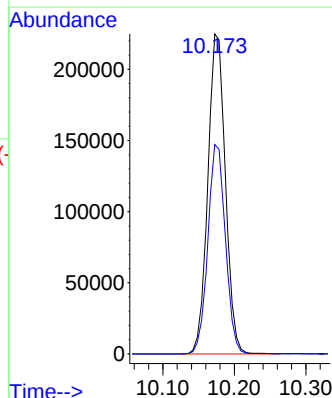
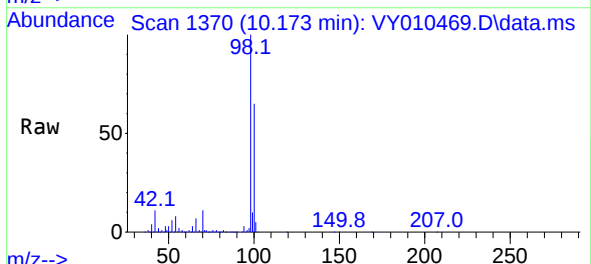
Instrument :
MSVOA_Y
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SASP2-T-5-(17-23)

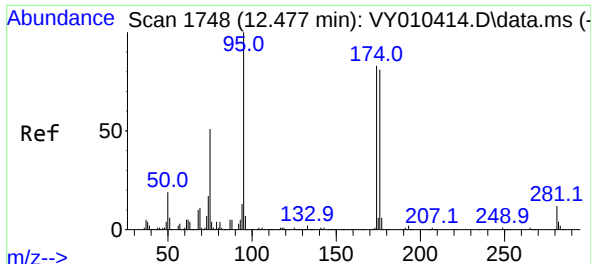
Tgt Ion:117 Resp: 18335
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.031 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion: 98 Resp: 384464
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

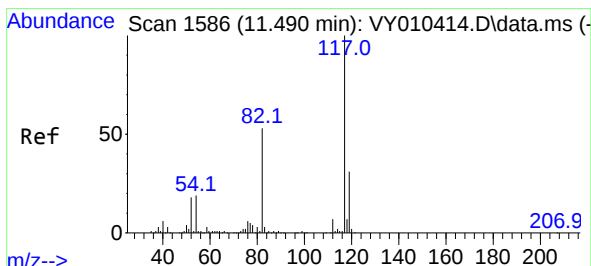
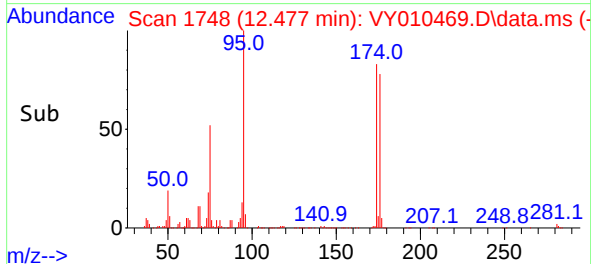
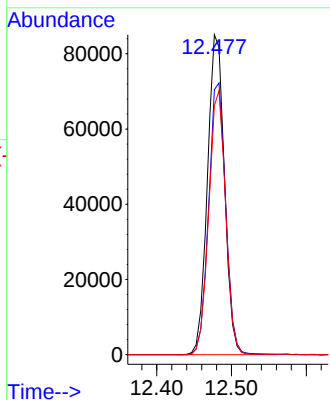
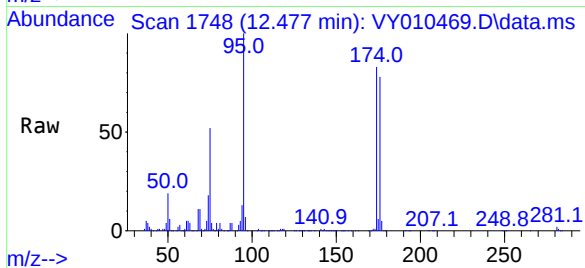




#62
4-Bromofluorobenzene
Concen: 45.310 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

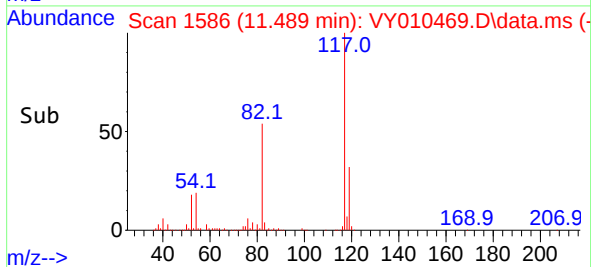
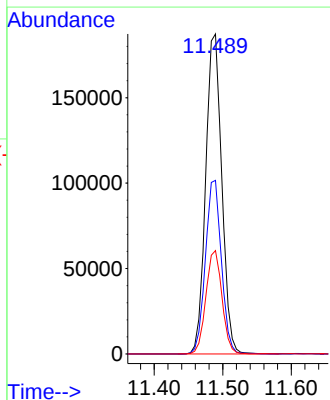
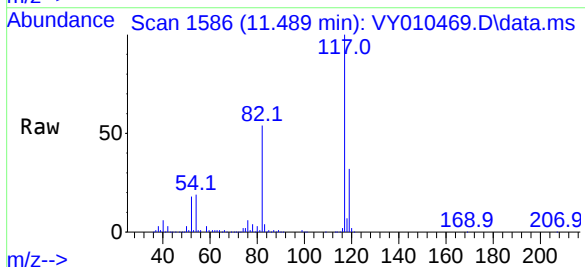
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(17-23)

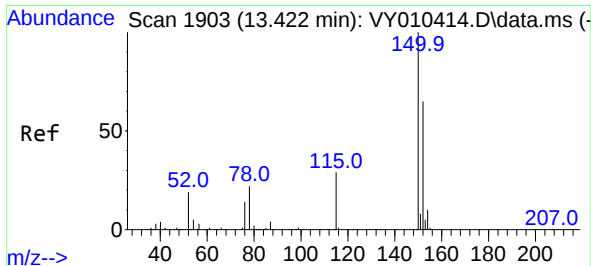
Tgt Ion: 95 Resp: 134398
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Tgt Ion: 117 Resp: 306237
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.3 25.4 38.0

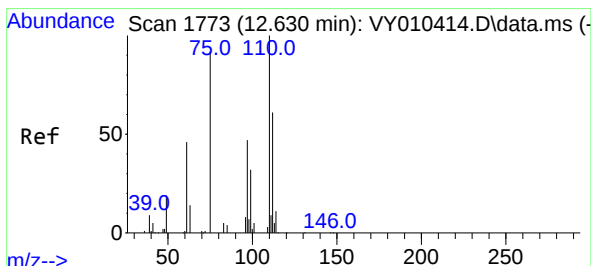
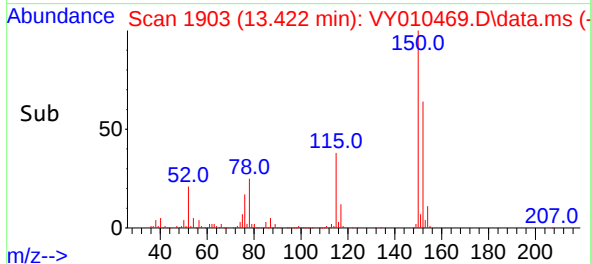
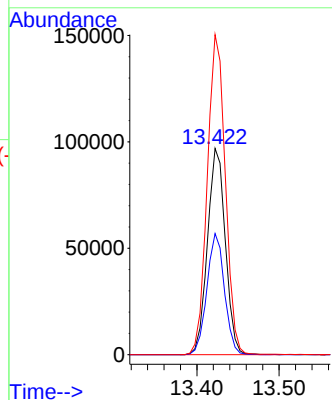
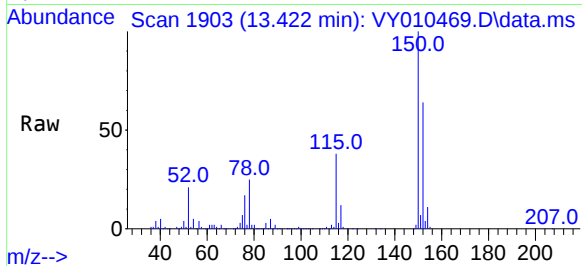




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

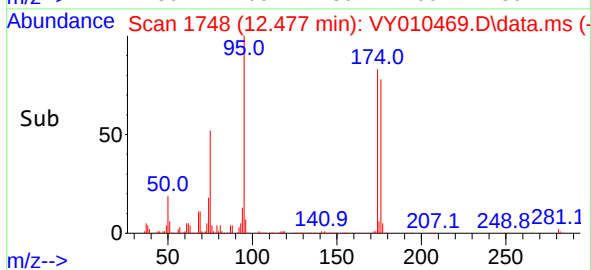
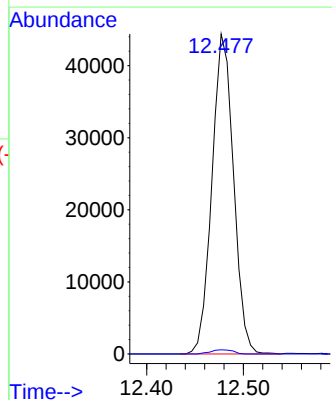
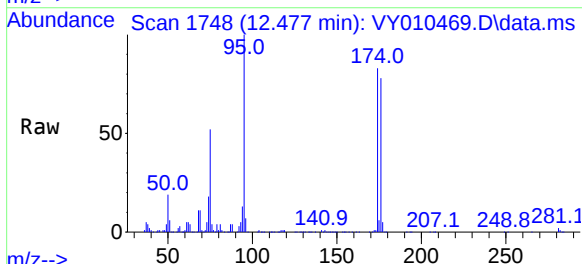
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(17-23)

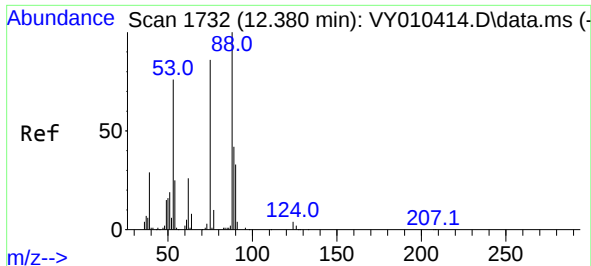
Tgt Ion:152 Resp: 146244
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.620 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

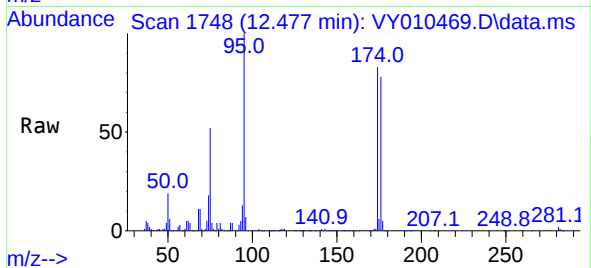
Tgt Ion: 75 Resp: 68790
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.631 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY010469.D
Acq: 13 Sep 2022 19:16

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(17-23)



Tgt Ion: 75 Resp: 68790
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

