

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009606.D
 Acq On : 20 Jul 2022 11:16
 Operator : KP/MD
 Sample : VY0720SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBL01

Quant Time: Jul 21 02:12:14 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)

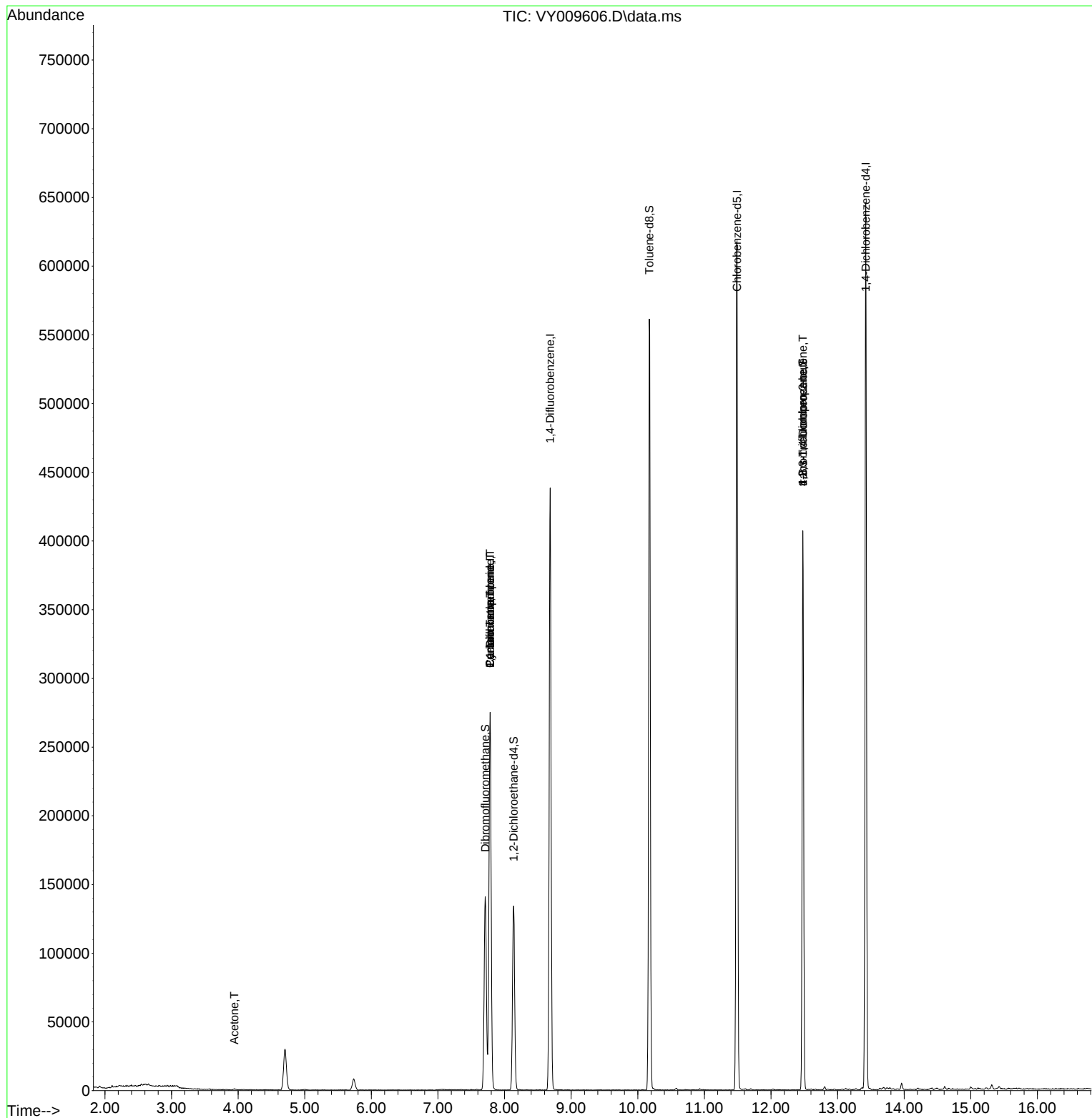
Internal Standards						
1) Pentafluorobenzene	7.783	168	229365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	385947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	103773	47.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.680%		
35) Dibromofluoromethane	7.710	113	101391	41.700	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.400%		
50) Toluene-d8	10.173	98	377119	40.346	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	80.700%		
62) 4-Bromofluorobenzene	12.477	95	123122	40.651	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	81.300%		
Target Compounds						
16) Acetone	3.942	43	1311	2.389	ug/l	97
20) Methylene Chloride	4.704	84	23428	Below Cal	#	83
31) Cyclohexane	7.783	56	4025	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15928	4.433	ug/l #	50
38) Carbon Tetrachloride	7.783	117	20106	5.346	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	61069	37.895	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61069	74.721	ug/l #	7

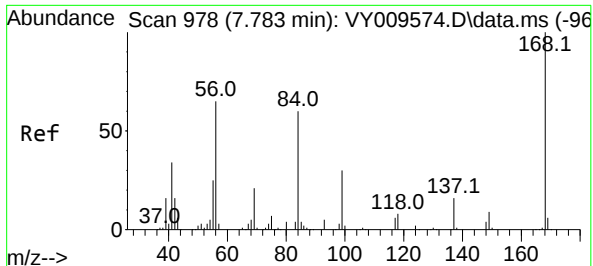
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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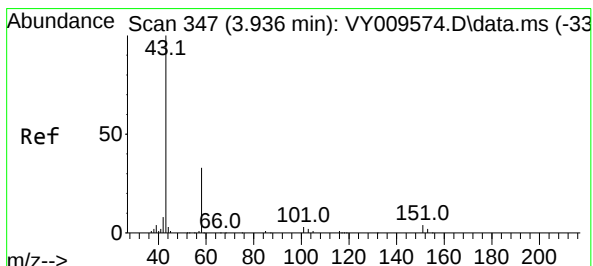
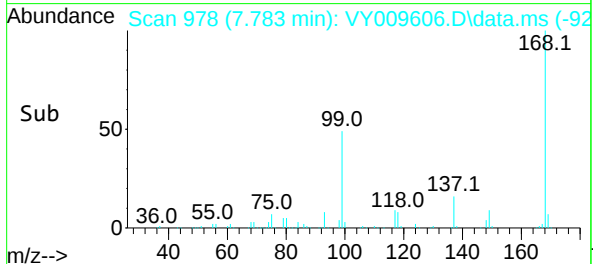
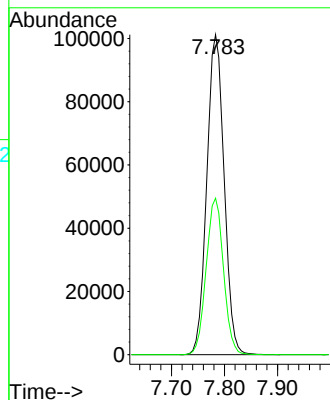
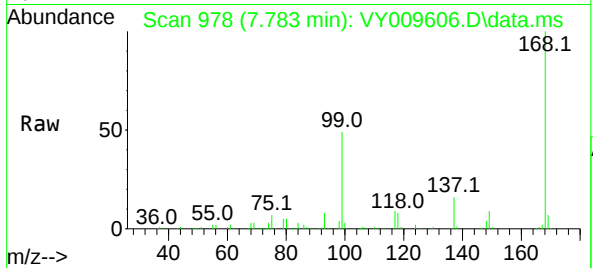




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

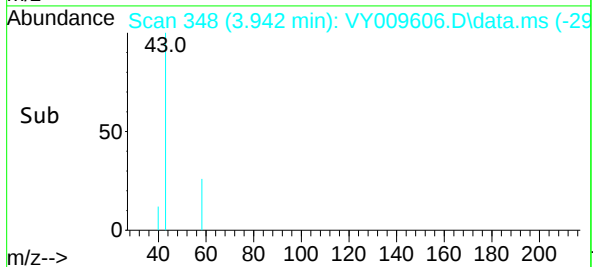
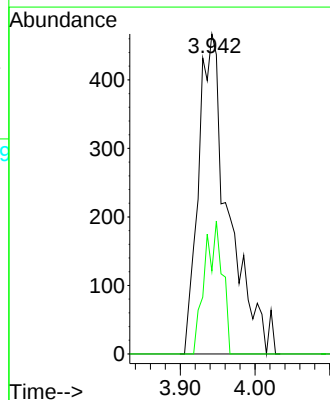
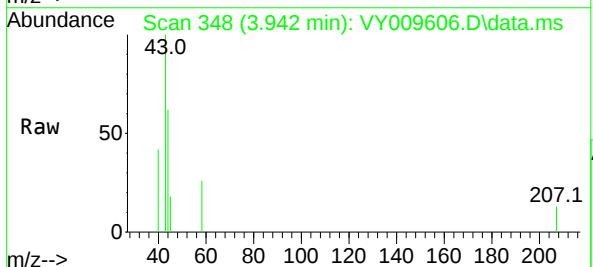
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

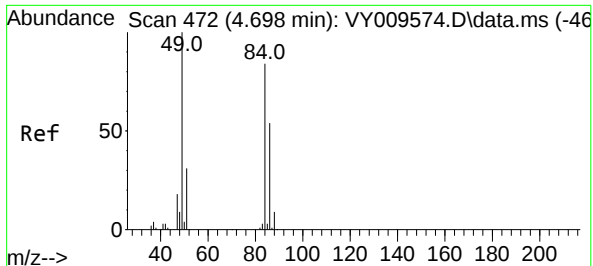
Tgt Ion:168 Resp: 229365
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#16
Acetone
Concen: 2.389 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

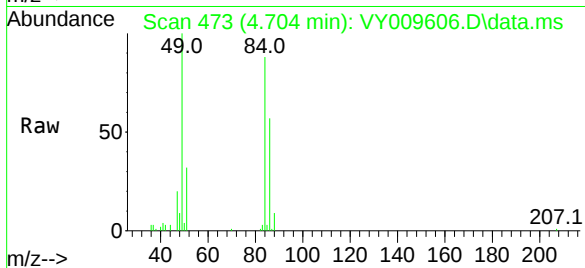
Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
58 25.9 22.0 33.0





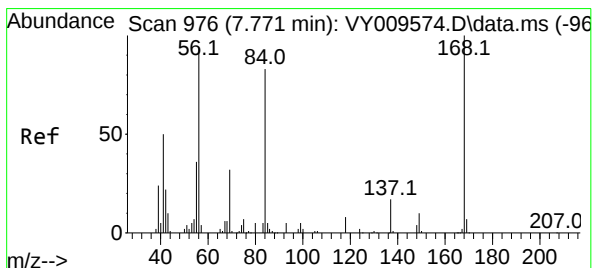
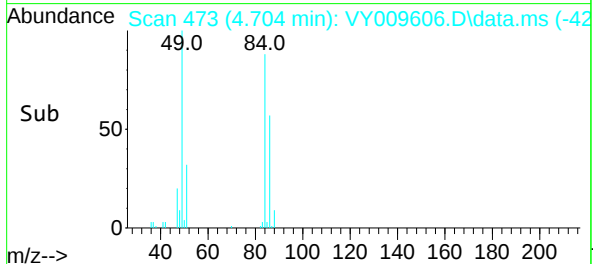
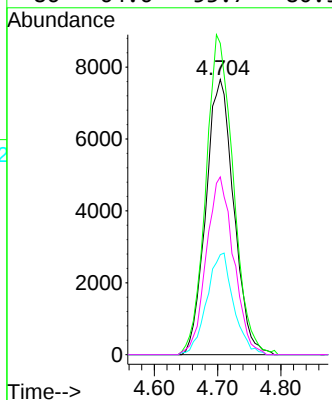
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01



Tgt Ion: 84 Resp: 23428

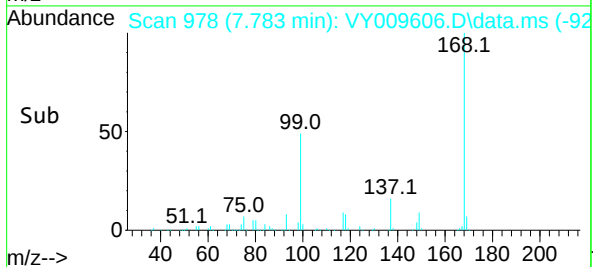
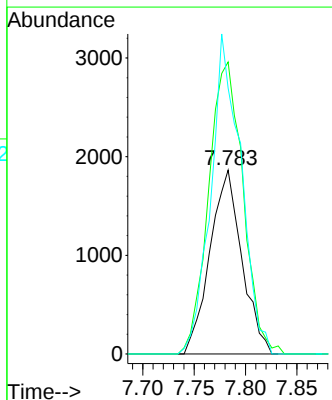
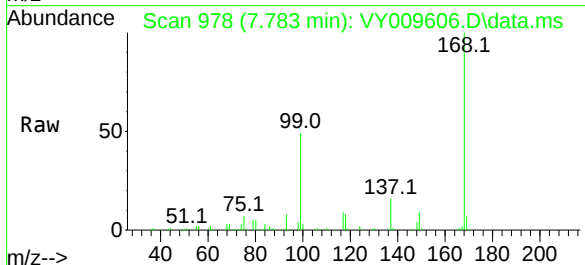
Ion	Ratio	Lower	Upper
84	100		
49	113.1	114.4	171.6#
51	36.3	35.3	52.9
86	64.6	53.7	80.5

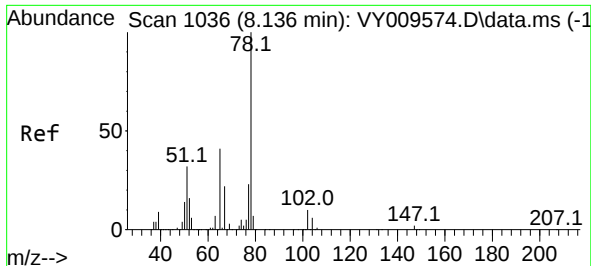


#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

Tgt Ion: 56 Resp: 4025

Ion	Ratio	Lower	Upper
56	100		
69	158.8	26.7	40.1#
84	144.6	67.2	100.8#

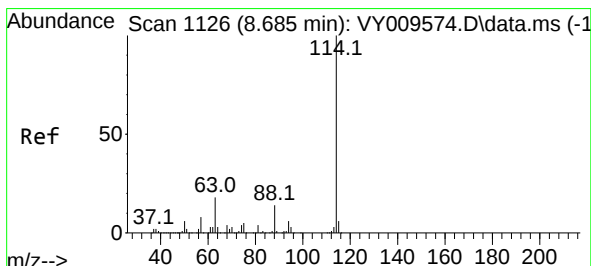
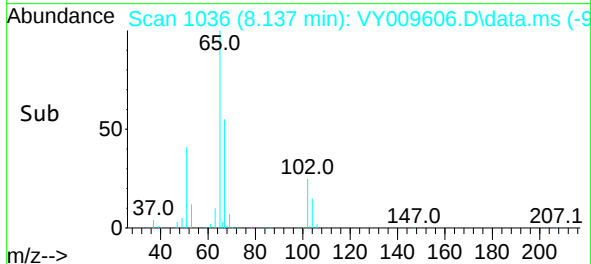
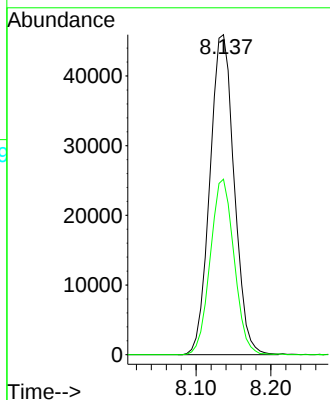
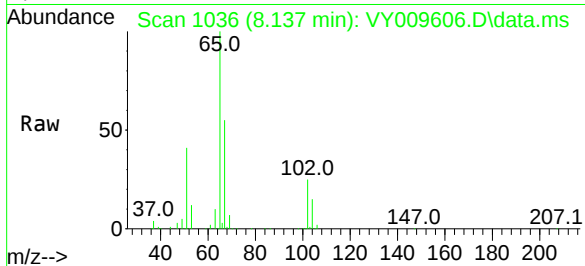




#33
 1,2-Dichloroethane-d4
 Concen: 47.839 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009606.D
 Acq: 20 Jul 2022 11:16

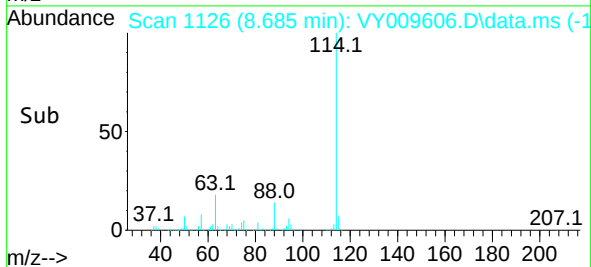
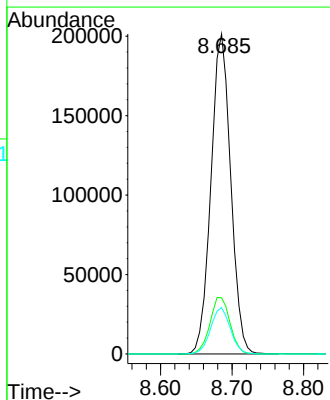
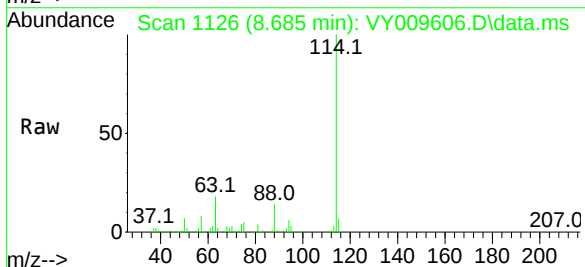
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBL01

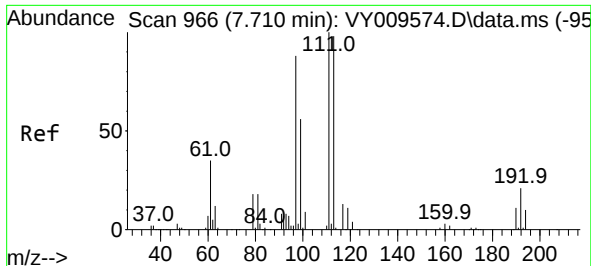
Tgt Ion: 65 Resp: 103773
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009606.D
 Acq: 20 Jul 2022 11:16

Tgt Ion: 114 Resp: 385947
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 43.2
 88 14.5 0.0 31.8

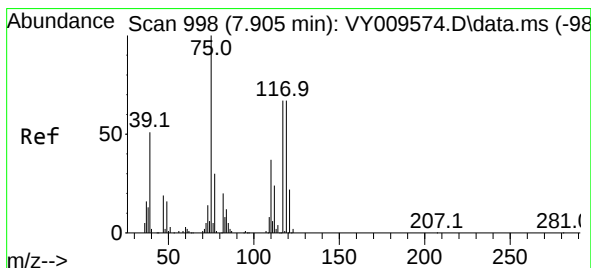
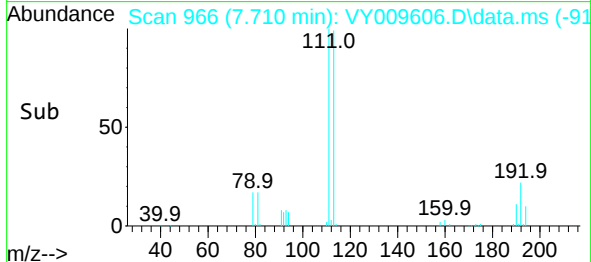
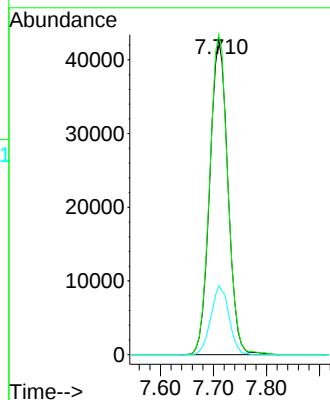
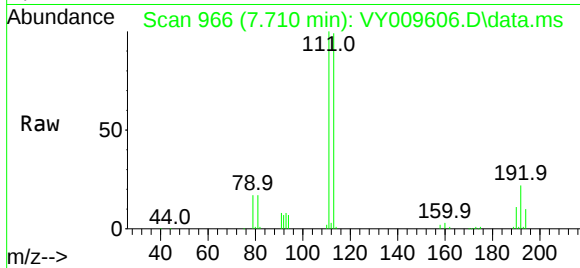




#35
Dibromofluoromethane
Concen: 41.700 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

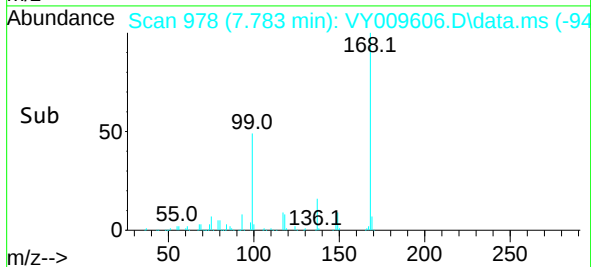
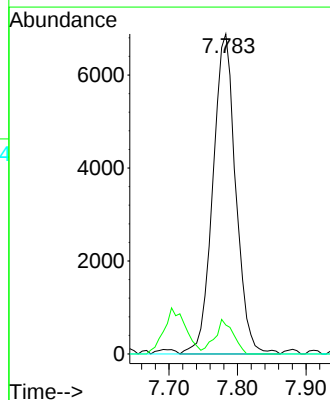
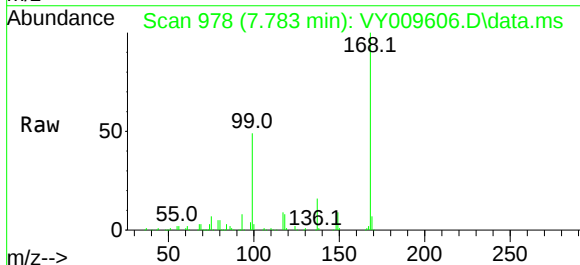
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

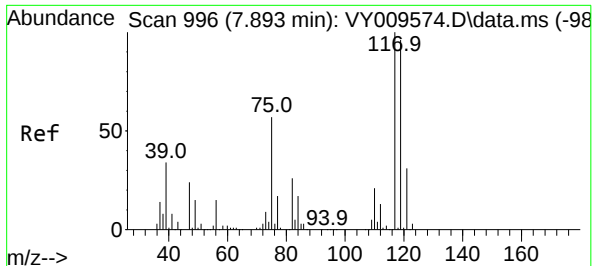
Tgt Ion:113 Resp: 101391
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.433 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

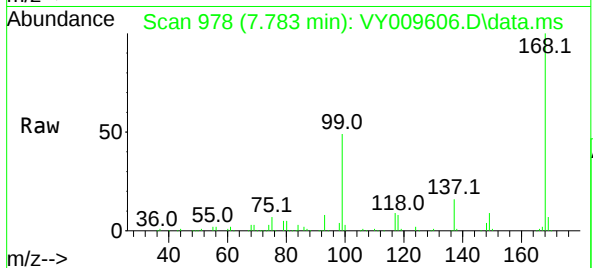
Tgt Ion: 75 Resp: 15928
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#



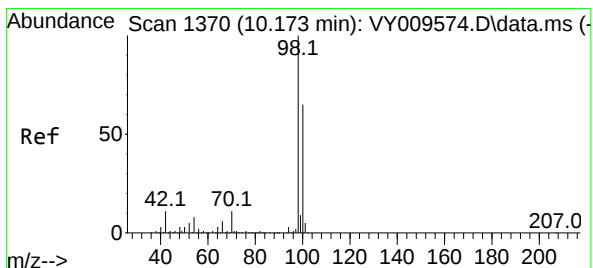
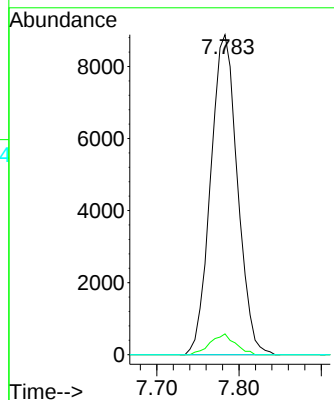
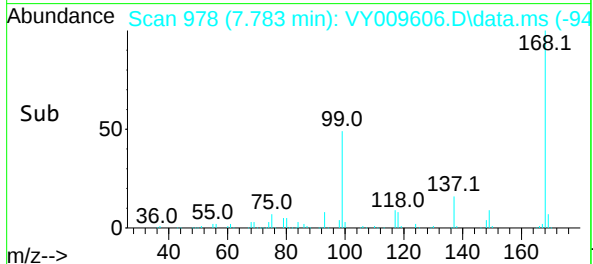


#38
Carbon Tetrachloride
Concen: 5.346 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

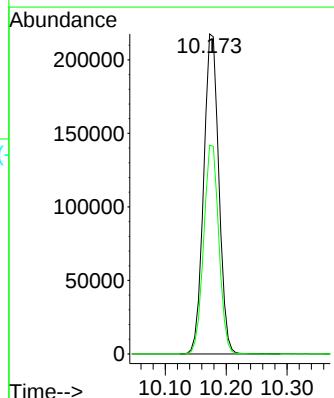
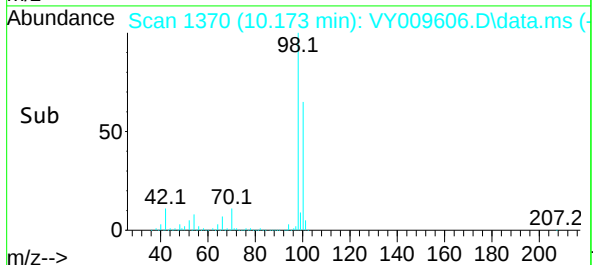
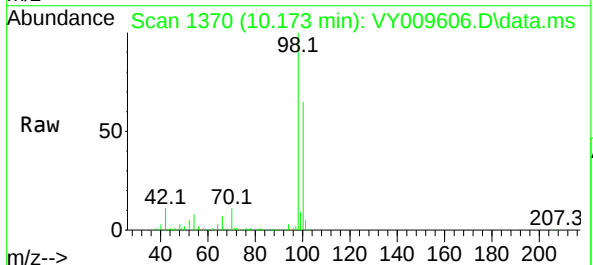


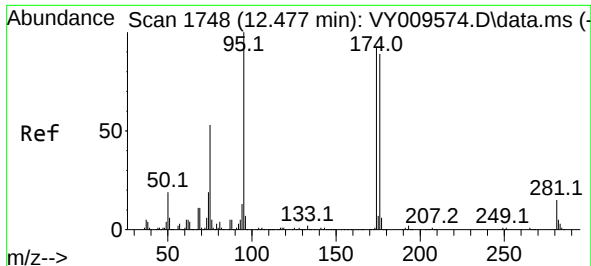
Tgt Ion:117 Resp: 20106
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 40.346 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

Tgt Ion: 98 Resp: 377119
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

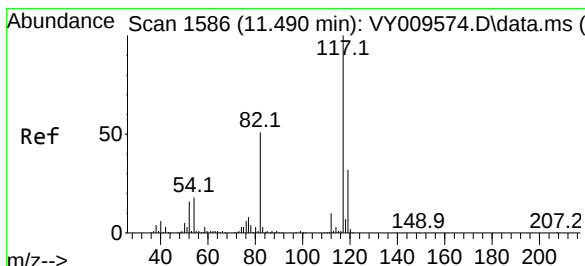
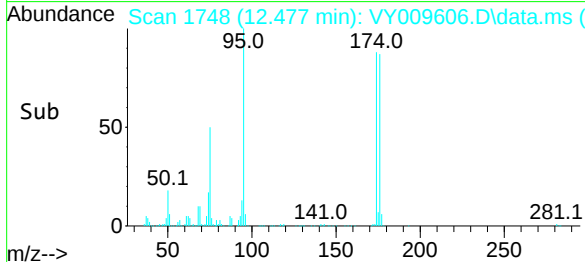
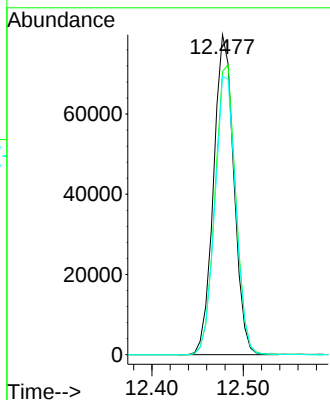
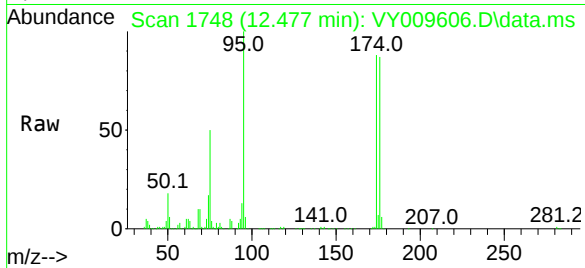




#62
4-Bromofluorobenzene
Concen: 40.651 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

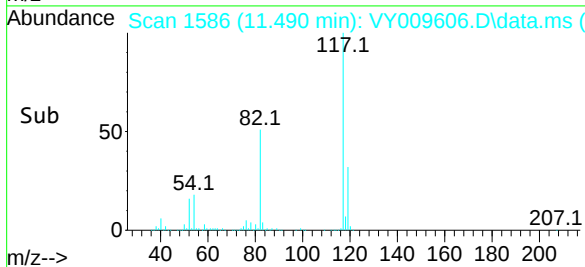
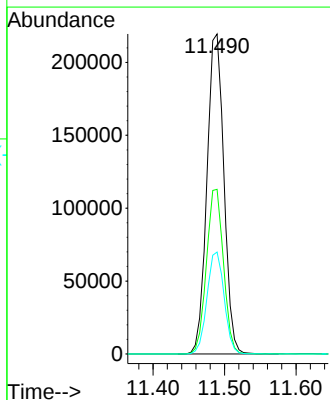
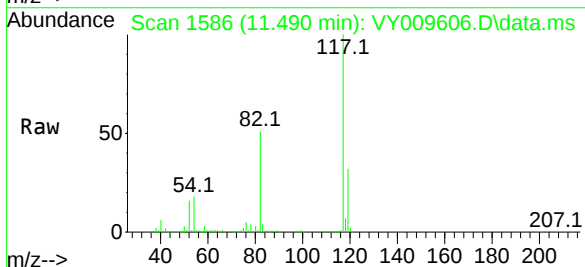
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ClientSampleId :
VY0720SBL01

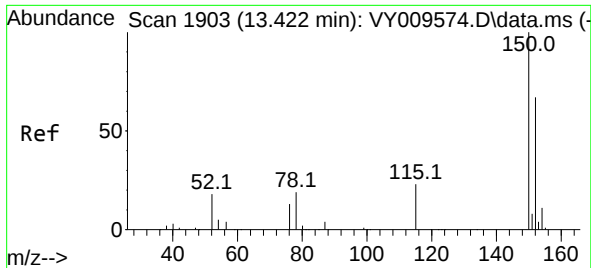
Tgt Ion: 95 Resp: 123122
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 89.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009606.D
Acq: 20 Jul 2022 11:16

Tgt Ion: 117 Resp: 361281
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.9 25.4 38.0

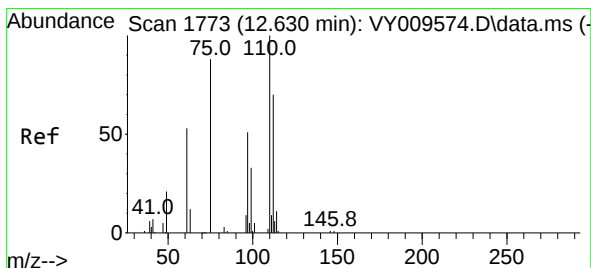
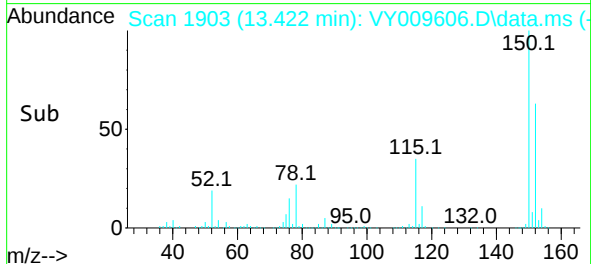
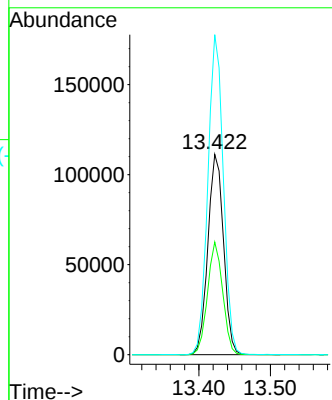
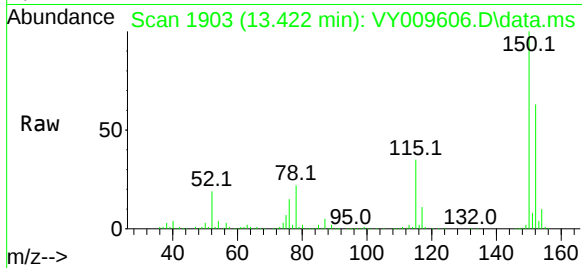




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009606.D
 Acq: 20 Jul 2022 11:16

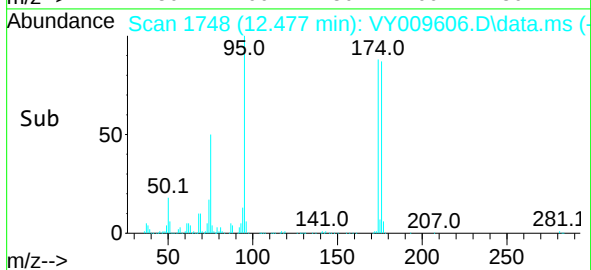
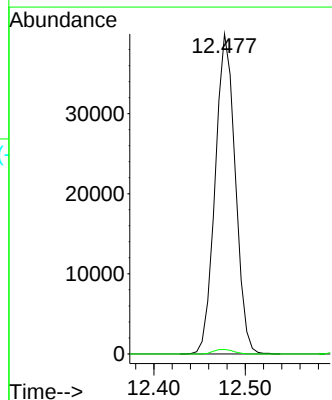
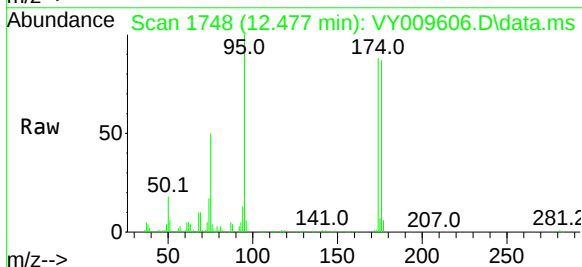
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBL01

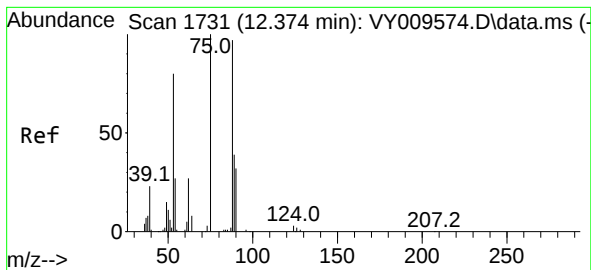
Tgt Ion:152 Resp: 169170
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 37.895 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009606.D
 Acq: 20 Jul 2022 11:16

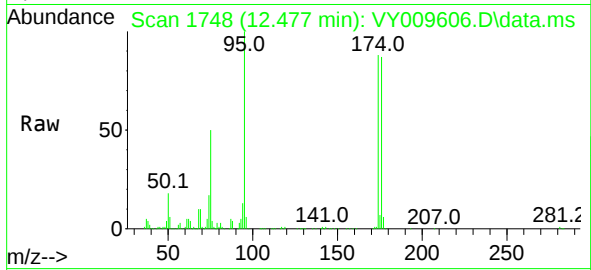
Tgt Ion: 75 Resp: 61069
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.721 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009606.D
 Acq: 20 Jul 2022 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBL01



Tgt Ion: 75 Resp: 61069
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

