

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009706.D
 Acq On : 26 Jul 2022 17:33
 Operator : KP/MD
 Sample : N3858-01
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A

Quant Time: Jul 27 04:27:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

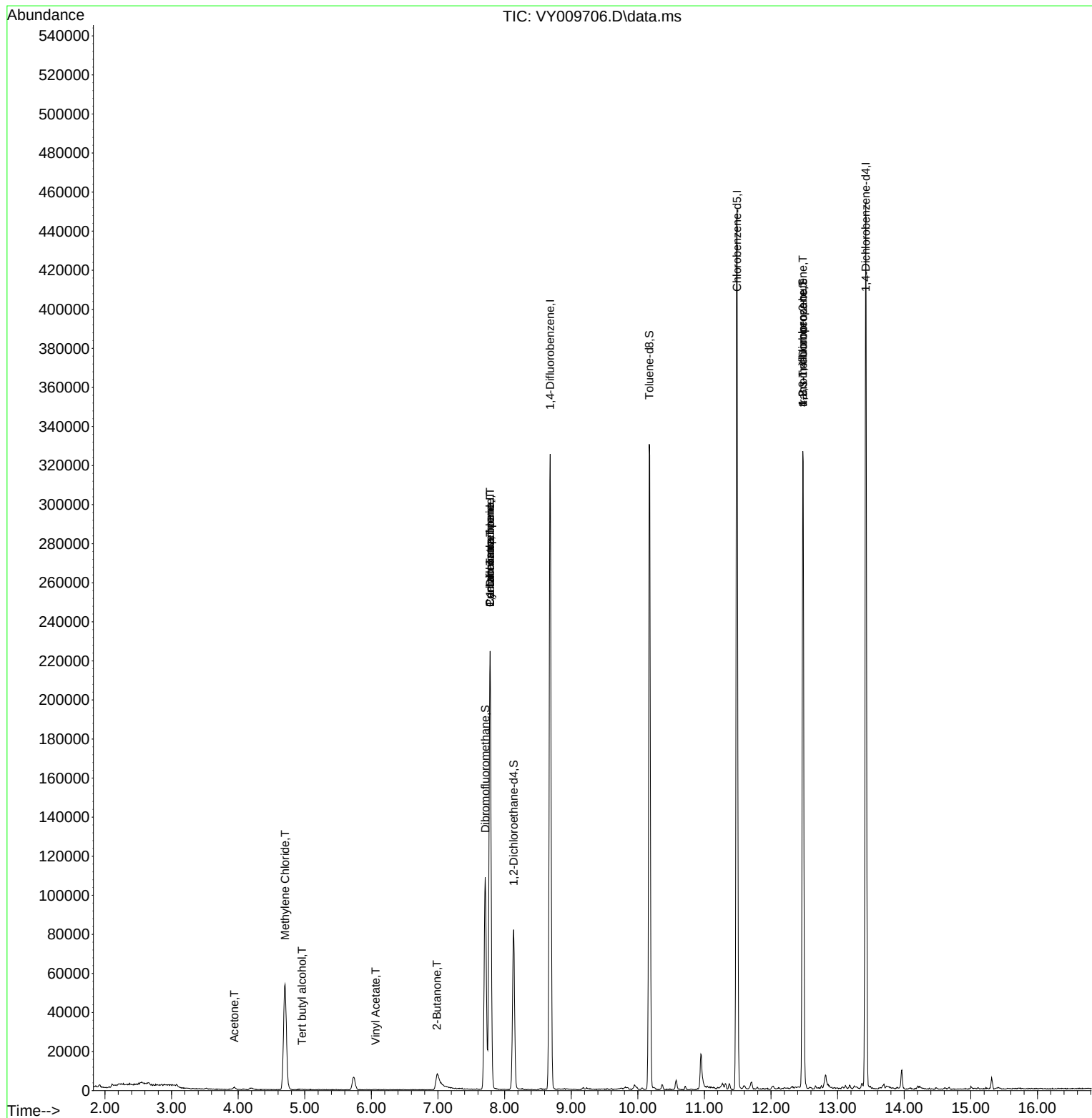
Internal Standards						
1) Pentafluorobenzene	7.783	168	182795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60376	49.581	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.160%		
35) Dibromofluoromethane	7.710	113	76102	48.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.560%		
50) Toluene-d8	10.173	98	221634	48.672	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	97.340%		
62) 4-Bromofluorobenzene	12.477	95	96070	46.445	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	92.900%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	555	2.279	ug/l #	77
16) Acetone	3.942	43	1945	4.450	ug/l #	69
18) Methyl Acetate	4.265	43	80	Below Cal	#	56
20) Methylene Chloride	4.704	84	42495	13.110	ug/l #	83
23) Vinyl Acetate	6.064	43	118	7.506	ug/l #	75
25) 2-Butanone	6.984	43	1316	2.041	ug/l	95
31) Cyclohexane	7.783	56	3427	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12730	5.015	ug/l #	50
38) Carbon Tetrachloride	7.783	117	16619	6.110	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	49279	44.482	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49279	88.665	ug/l #	7

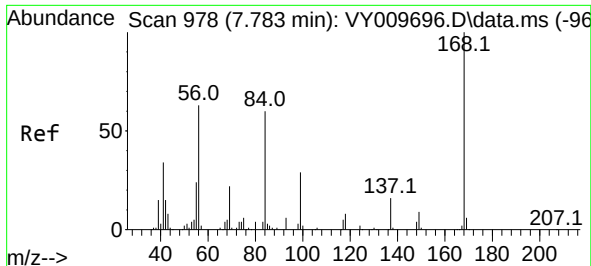
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
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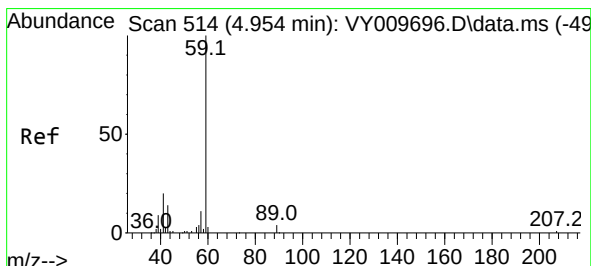
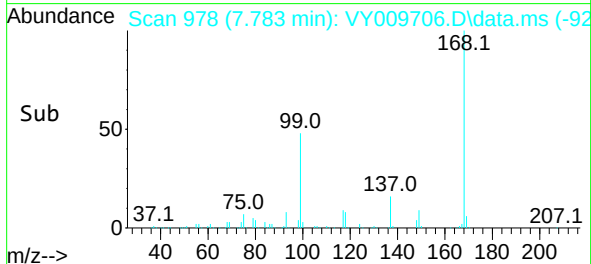
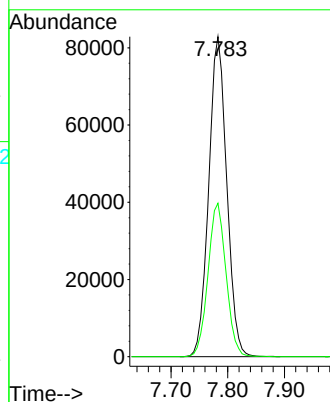
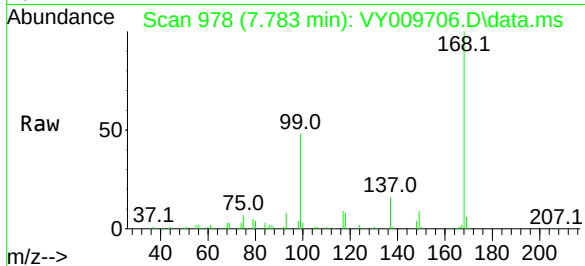




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

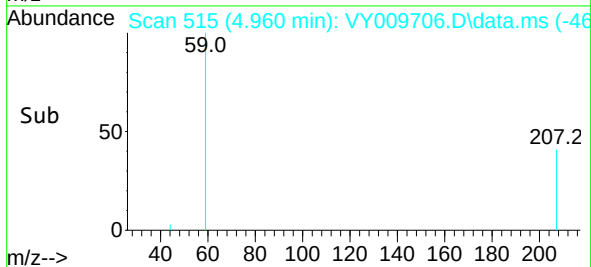
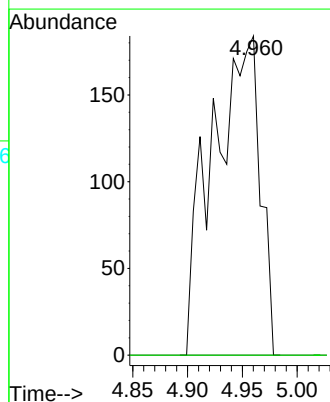
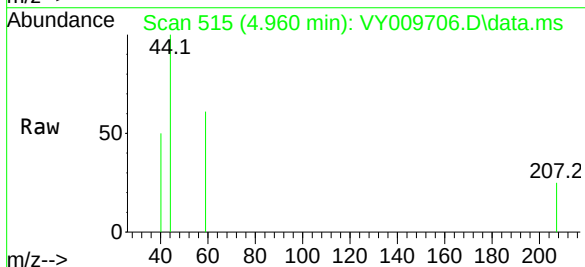
Instrument :
MSVOA_Y
ClientSampleId :
SB-A

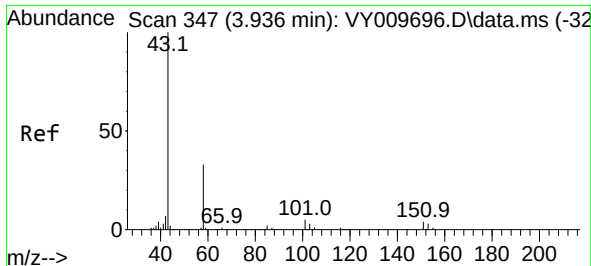
Tgt Ion:168 Resp: 182795
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.279 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

Tgt Ion: 59 Resp: 555
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

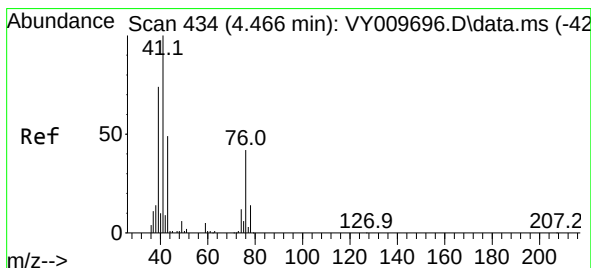
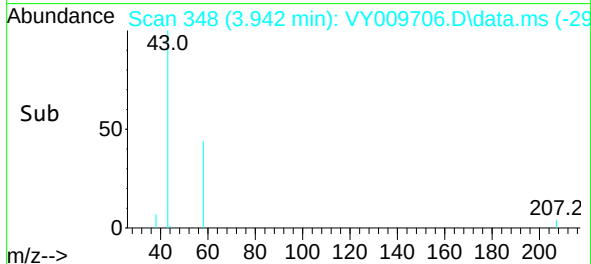
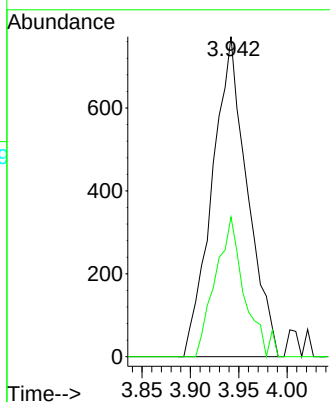
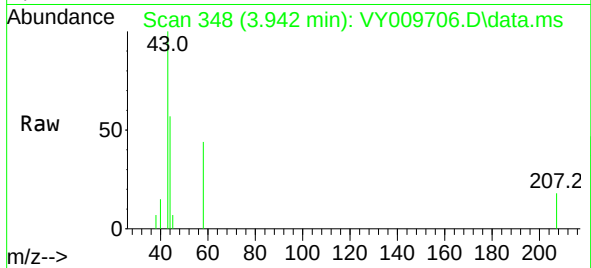




#16
Acetone
Concen: 4.450 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

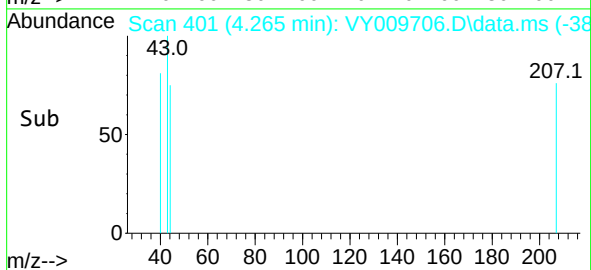
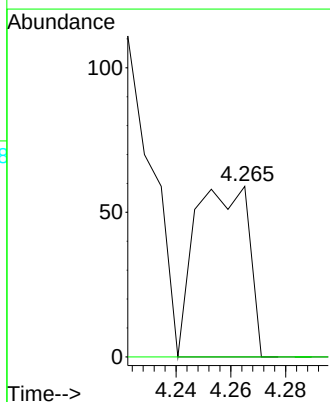
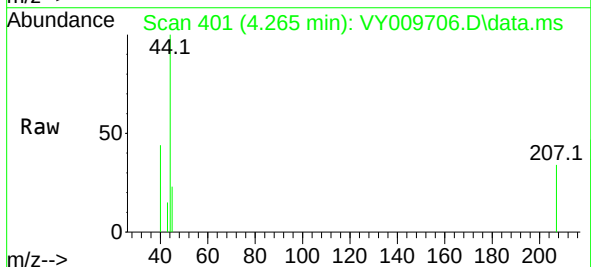
Instrument :
MSVOA_Y
ClientSampleId :
SB-A

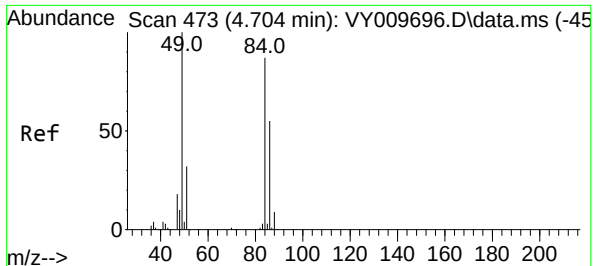
Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
58 43.7 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.265 min Scan# 401
Delta R.T. -0.201 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: 13.110 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009706.D

Acq: 26 Jul 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-A

Tgt Ion: 84 Resp: 42495

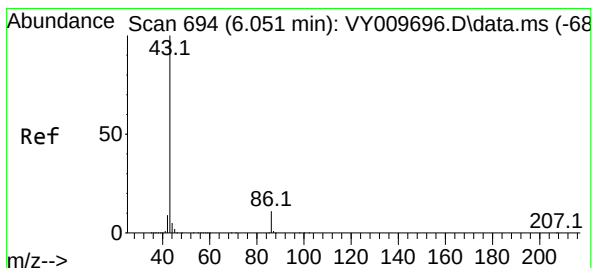
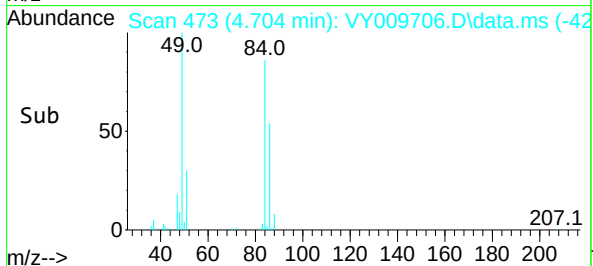
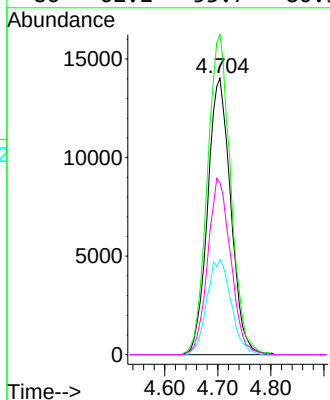
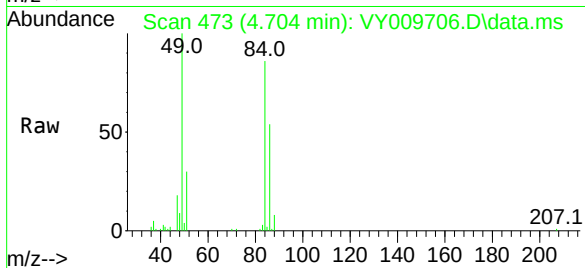
Ion Ratio Lower Upper

84 100

49 115.7 114.4 171.6

51 34.4 35.3 52.9#

86 62.2 53.7 80.5



#23

Vinyl Acetate

Concen: 7.506 ug/l

RT: 6.064 min Scan# 696

Delta R.T. 0.013 min

Lab File: VY009706.D

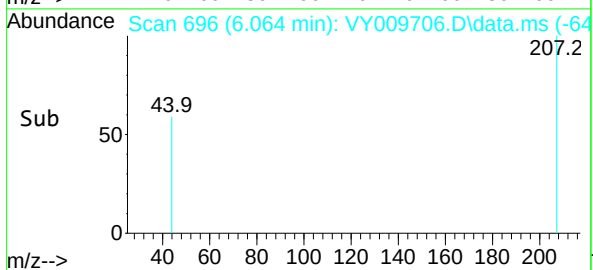
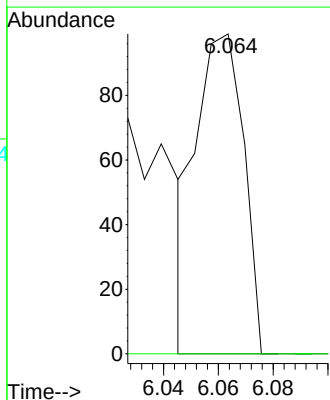
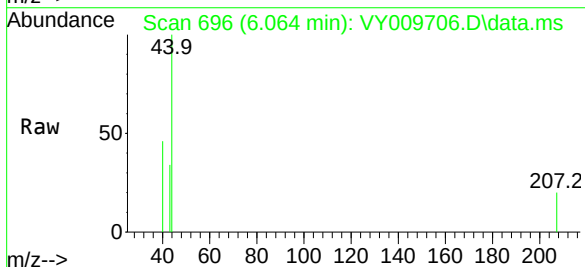
Acq: 26 Jul 2022 17:33

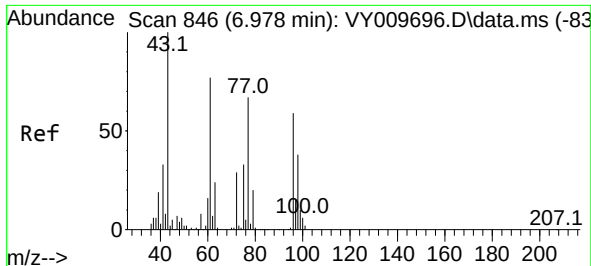
Tgt Ion: 43 Resp: 118

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#

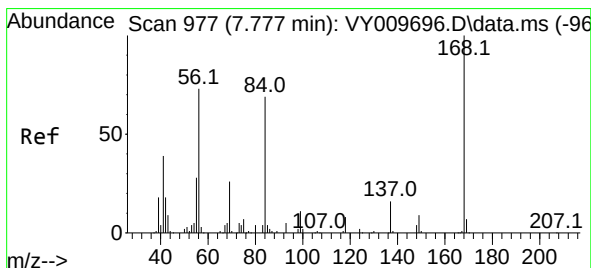
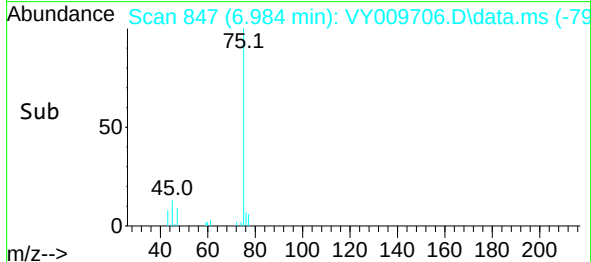
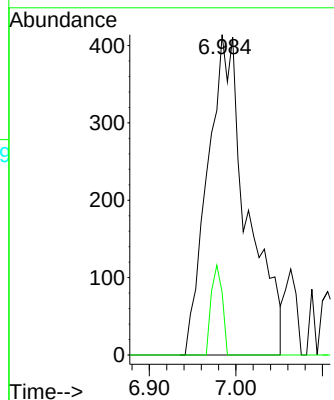
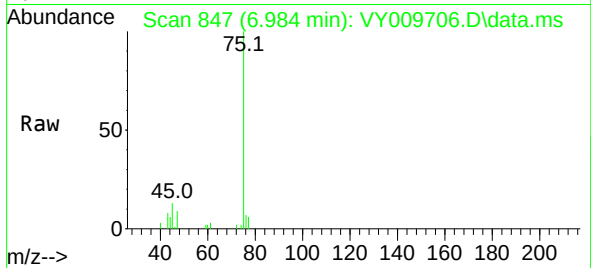




#25
2-Butanone
Concen: 2.041 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

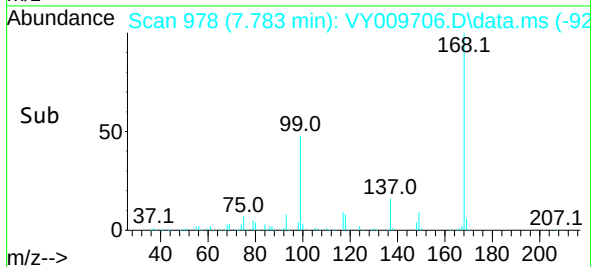
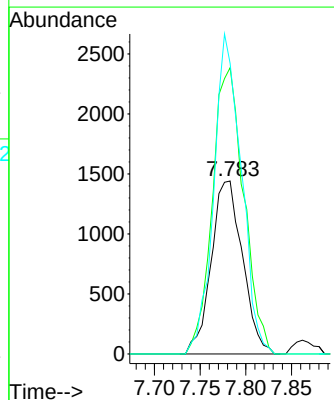
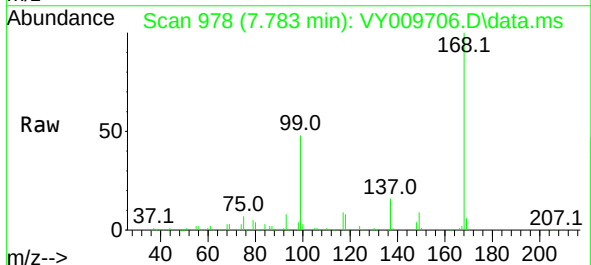
Instrument :
MSVOA_Y
ClientSampleId :
SB-A

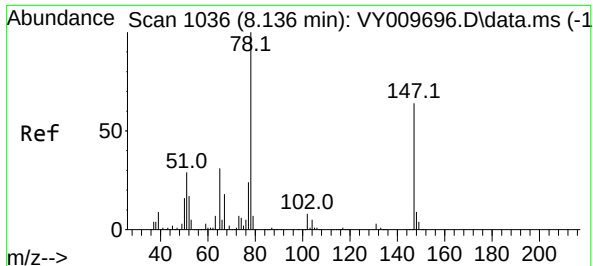
Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
72 19.6 17.7 26.5



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

Tgt Ion: 56 Resp: 3427
Ion Ratio Lower Upper
56 100
69 165.6 26.7 40.1#
84 168.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 49.581 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009706.D

Acq: 26 Jul 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

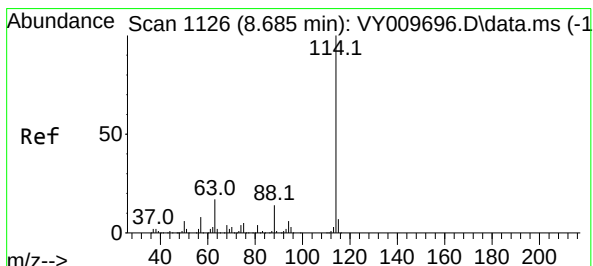
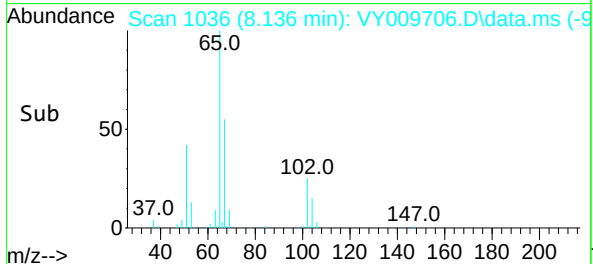
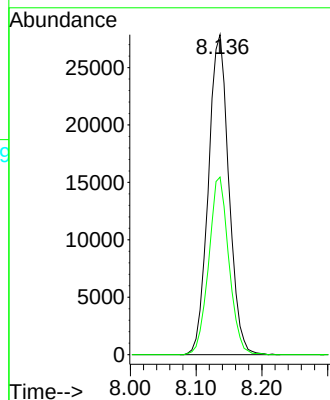
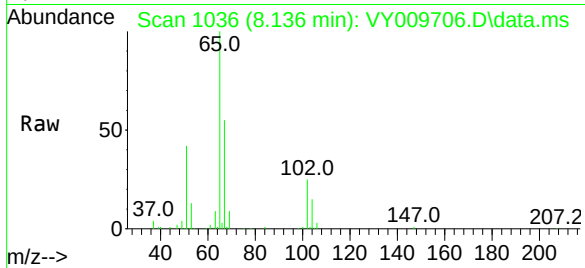
SB-A

Tgt Ion: 65 Resp: 60376

Ion Ratio Lower Upper

65 100

67 54.6 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: VY009706.D

Acq: 26 Jul 2022 17:33

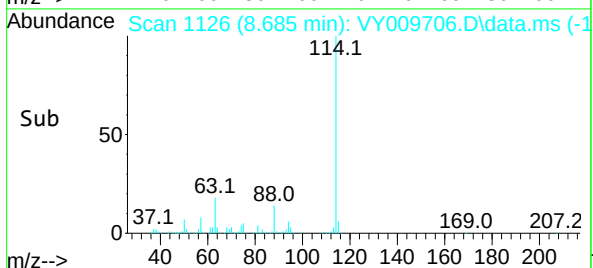
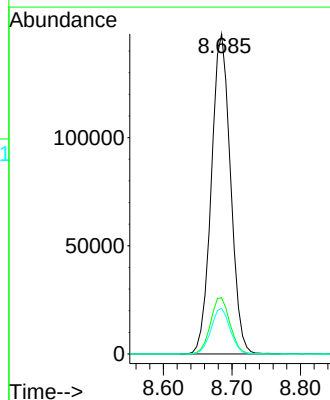
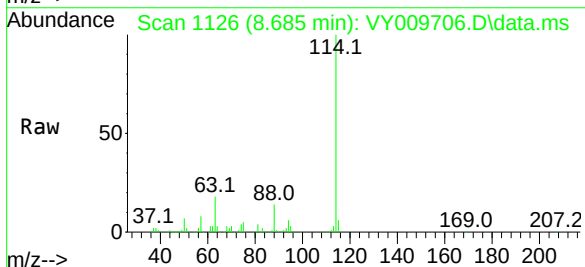
Tgt Ion:114 Resp: 286822

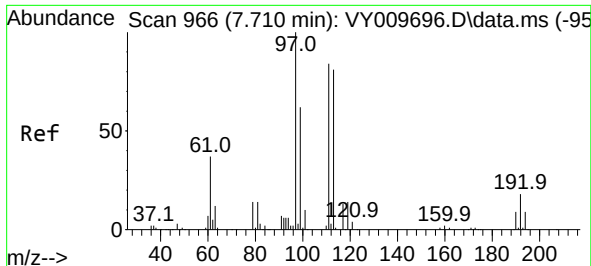
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.2 0.0 31.8

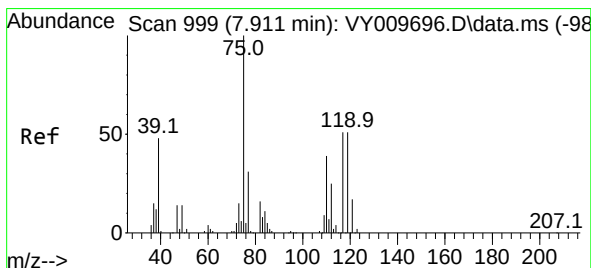
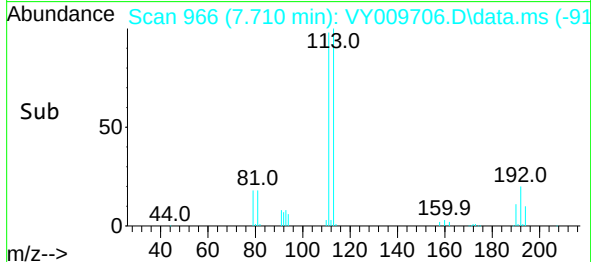
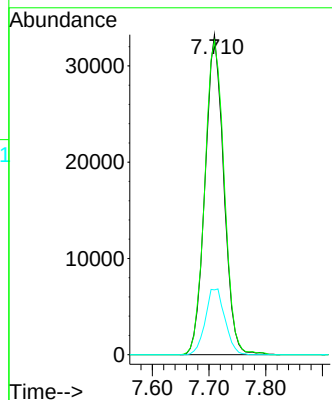
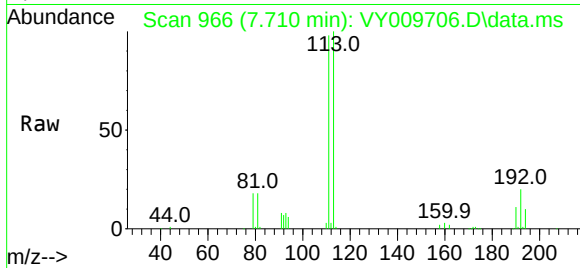




#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

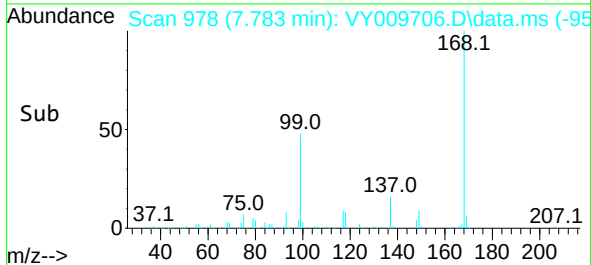
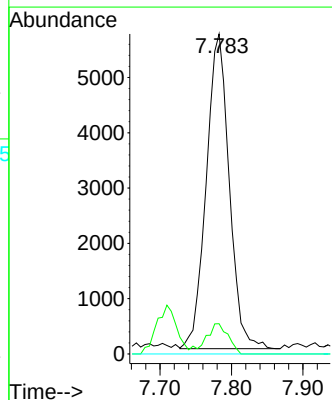
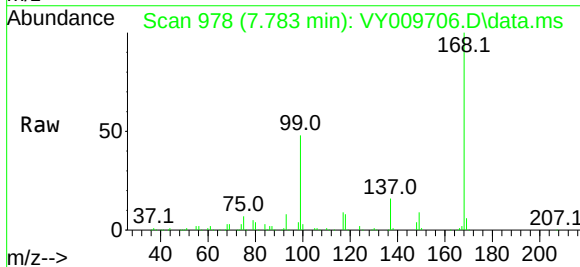
Instrument :
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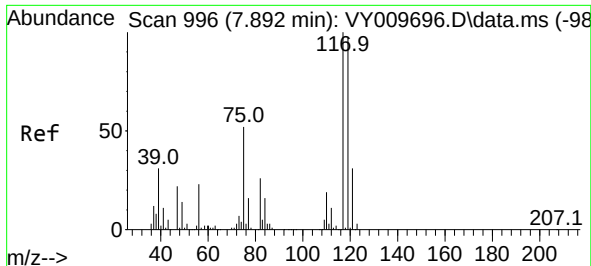
Tgt Ion:113 Resp: 76102
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

Tgt Ion: 75 Resp: 12730
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

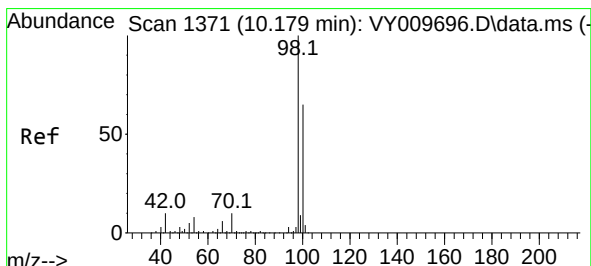
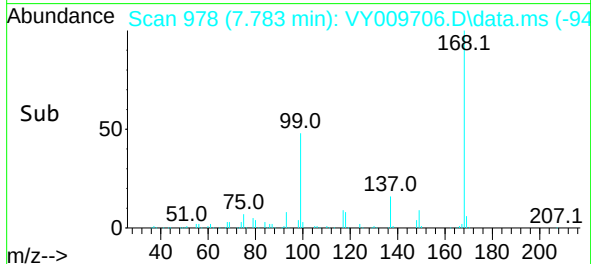
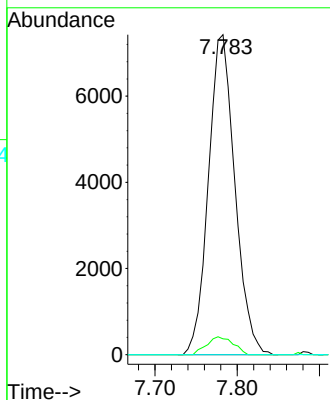
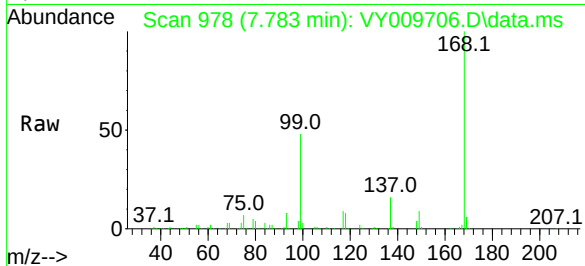




#38
Carbon Tetrachloride
Concen: 6.110 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

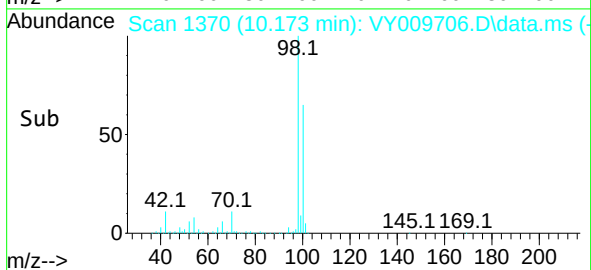
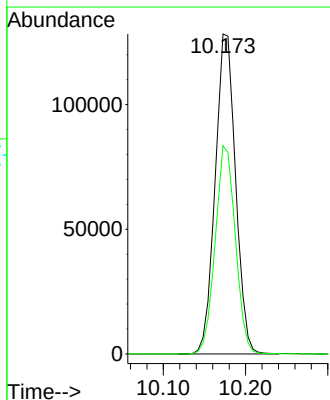
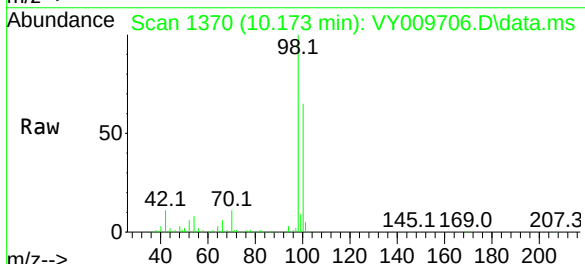
Instrument :
MSVOA_Y
ClientSampleId :
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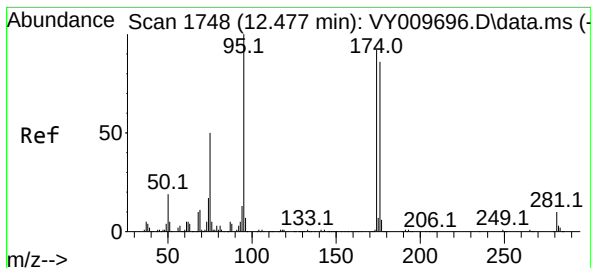
Tgt Ion:117 Resp: 16619
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.672 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

Tgt Ion: 98 Resp: 221634
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

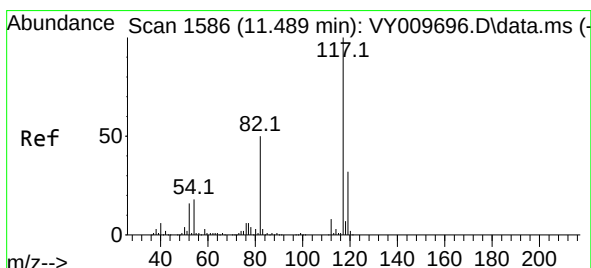
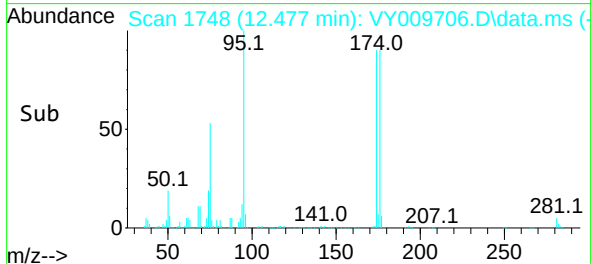
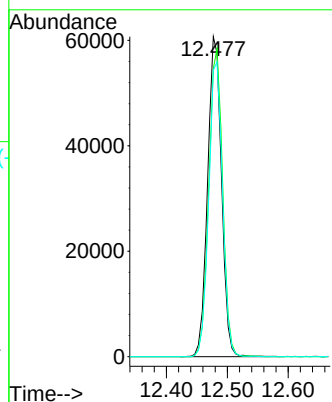
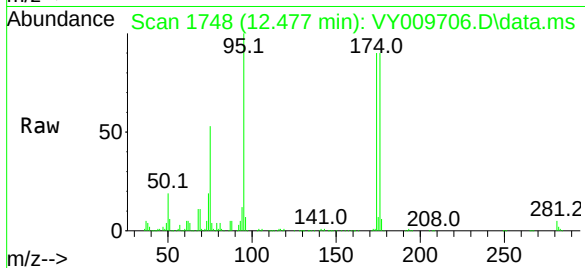




#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

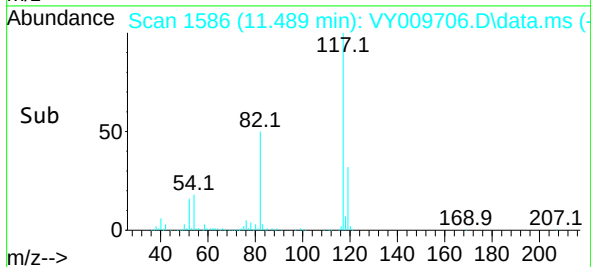
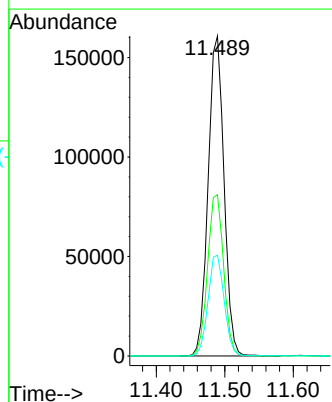
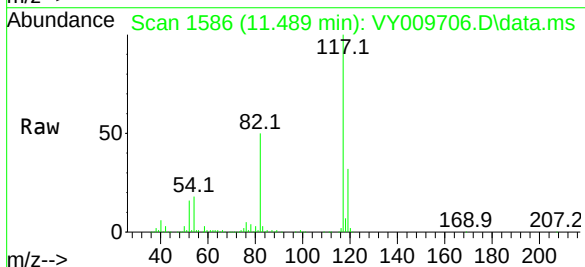
Instrument :
MSVOA_Y
ClientSampleId :
SB-A

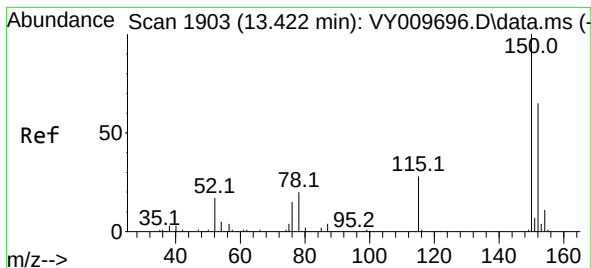
Tgt Ion: 95 Resp: 96070
Ion Ratio Lower Upper
95 100
174 96.0 0.0 177.0
176 91.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

Tgt Ion: 117 Resp: 259190
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.5 25.4 38.0

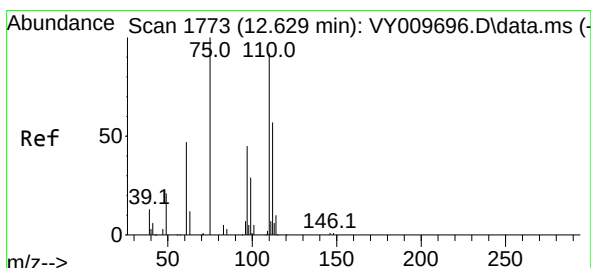
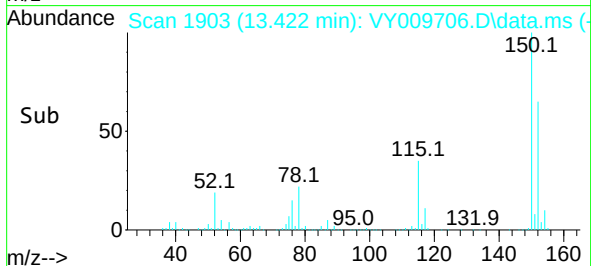
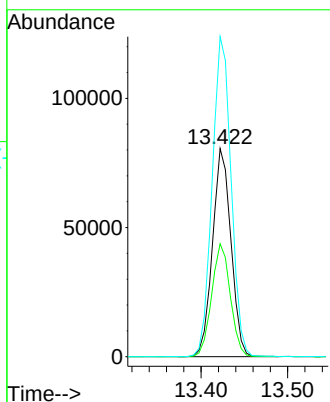
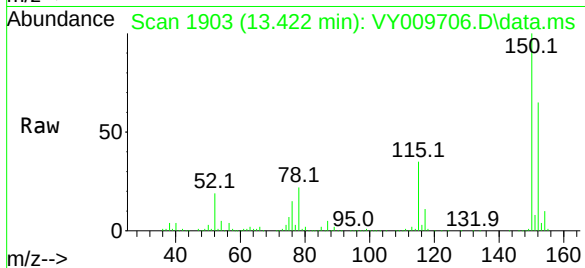




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009706.D
 Acq: 26 Jul 2022 17:33

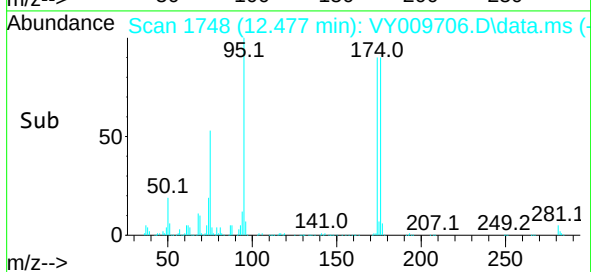
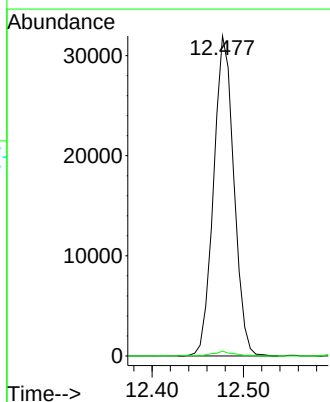
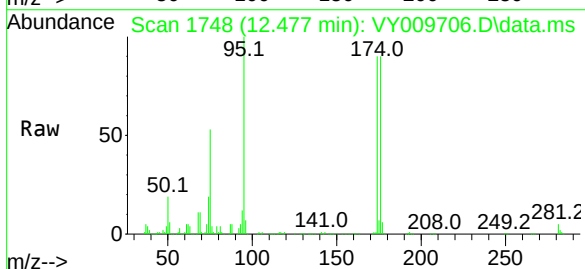
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A

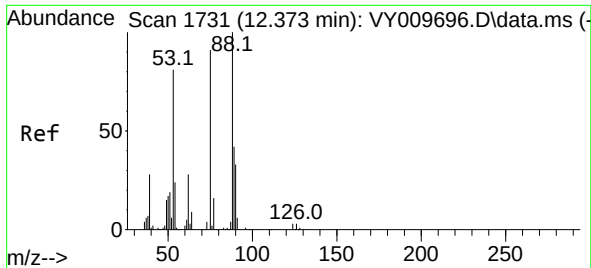
Tgt Ion:152 Resp: 119270
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 157.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.482 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009706.D
 Acq: 26 Jul 2022 17:33

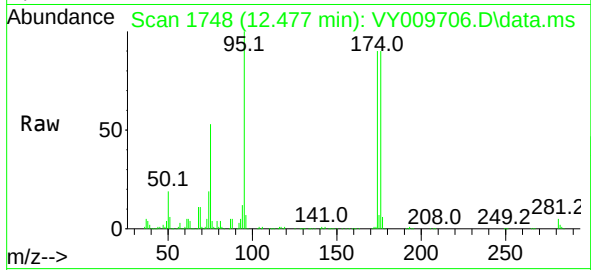
Tgt Ion: 75 Resp: 49279
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.665 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009706.D
 Acq: 26 Jul 2022 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A



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

