

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009348.D
 Acq On : 27 Jun 2022 17:16
 Operator : KP/MD
 Sample : N3434-02
 Misc : 7.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2203-35

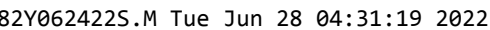
Quant Time: Jun 28 04:31:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

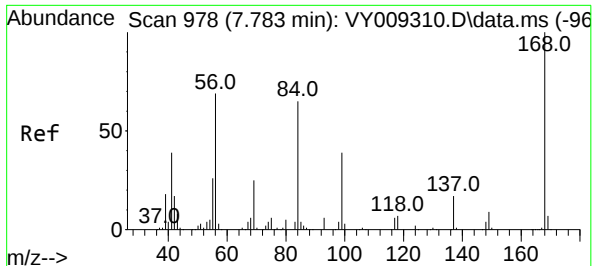
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	125623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	191224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55028	58.987	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.980%			
35) Dibromofluoromethane	7.709	113	55249	47.890	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.780%			
50) Toluene-d8	10.172	98	165834	49.072	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.477	95	74009	45.044	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.080%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	98	Below Cal	#	78
16) Acetone	3.948	43	2130	6.632	ug/l	93
20) Methylene Chloride	4.698	84	11724	5.440	ug/l	95
25) 2-Butanone	6.978	43	711	1.472	ug/l	91
31) Cyclohexane	7.783	56	2867	1.262	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	9859	5.092	ug/l #	48
38) Carbon Tetrachloride	7.783	117	12039	6.047	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	39870	46.225	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39870	91.505	ug/l #	14

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

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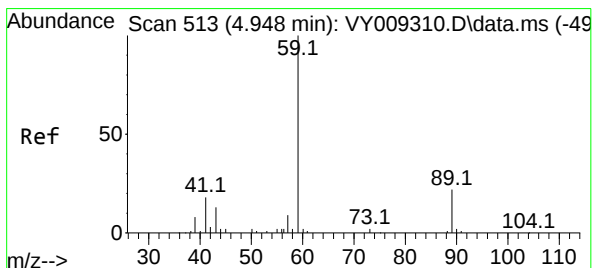
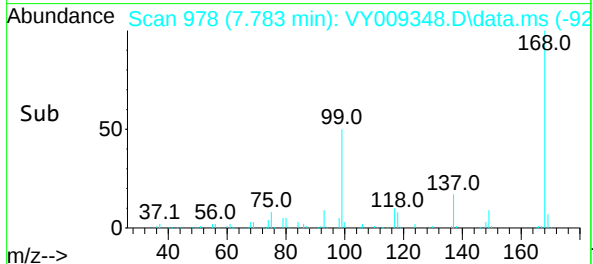
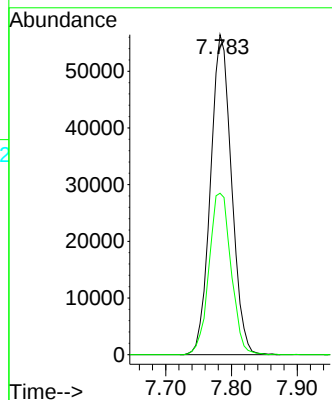
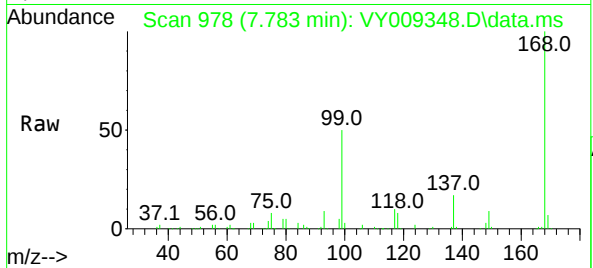




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

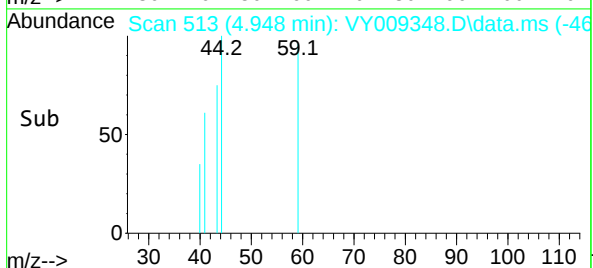
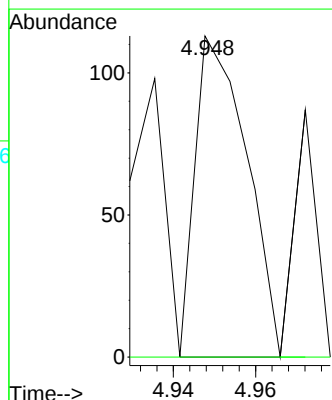
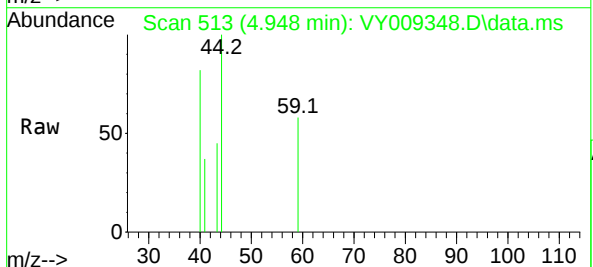
Instrument :
MSVOA_Y
ClientSampleId :
B2203-35

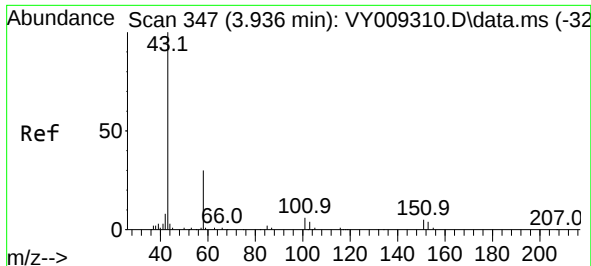
Tgt Ion:168 Resp: 125623
Ion Ratio Lower Upper
168 100
99 50.5 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

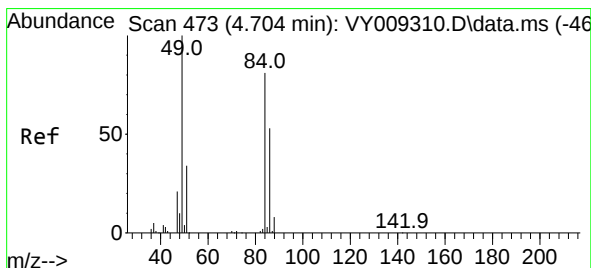
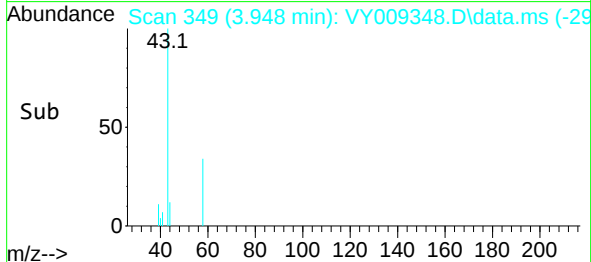
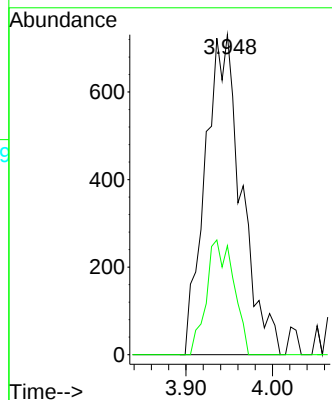
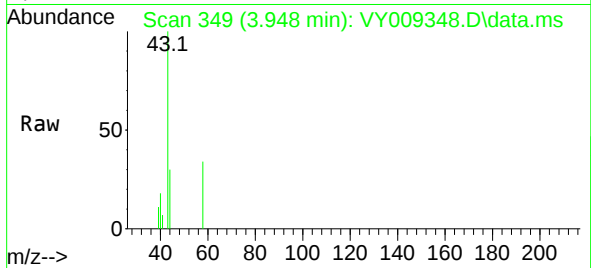




#16
Acetone
Concen: 6.632 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

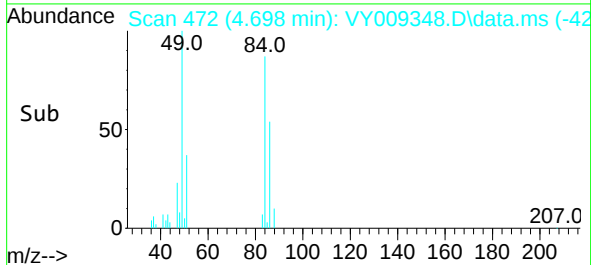
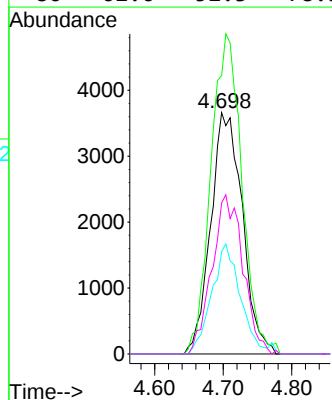
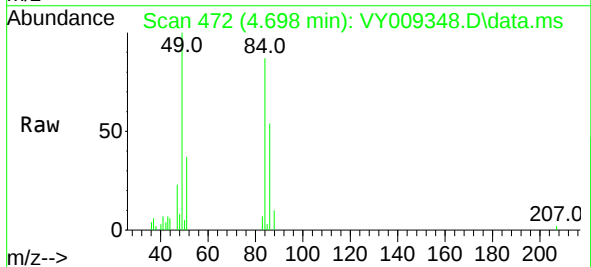
Instrument :
MSVOA_Y
ClientSampleId :
B2203-35

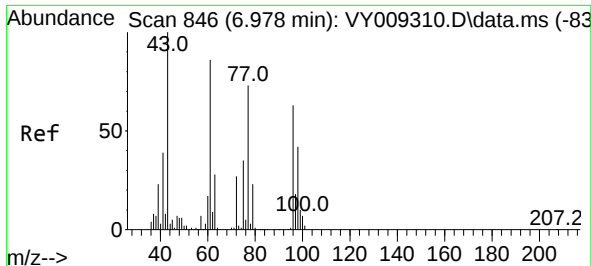
Tgt Ion: 43 Resp: 2130
Ion Ratio Lower Upper
43 100
58 34.1 24.0 36.0



#20
Methylene Chloride
Concen: 5.440 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

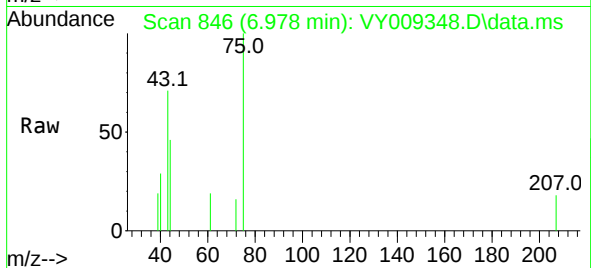
Tgt Ion: 84 Resp: 11724
Ion Ratio Lower Upper
84 100
49 115.4 98.2 147.4
51 42.5 33.4 50.0
86 62.6 52.3 78.5



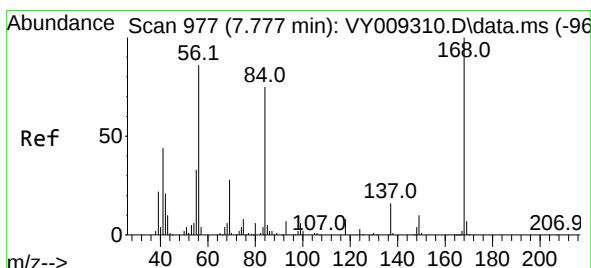
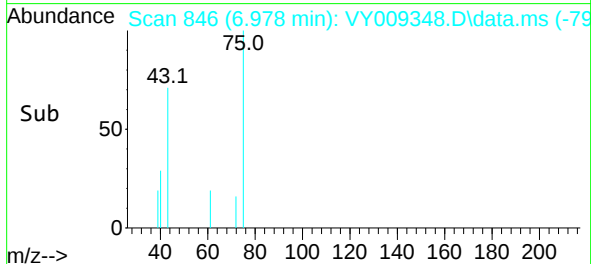
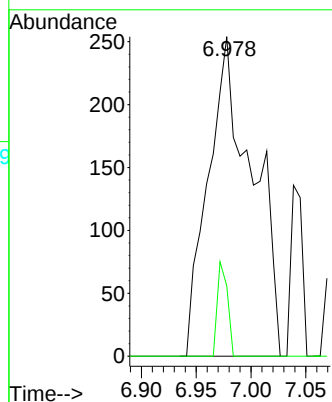


#25
2-Butanone
Concen: 1.472 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

Instrument :
MSVOA_Y
ClientSampleId :
B2203-35

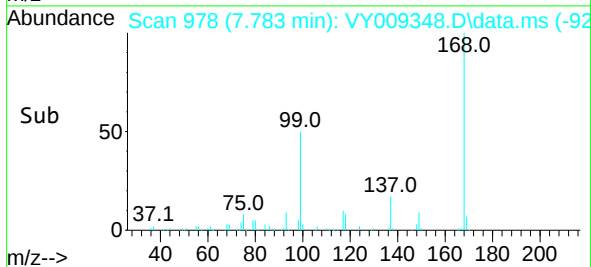
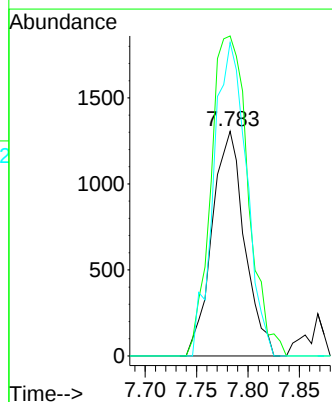
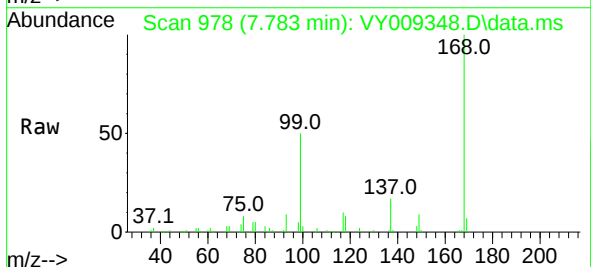


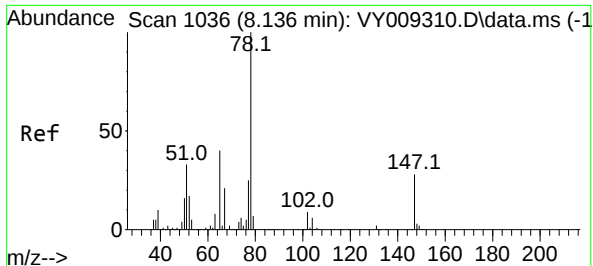
Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
72 22.0 21.5 32.3



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

Tgt Ion: 56 Resp: 2867
Ion Ratio Lower Upper
56 100
69 142.4 26.0 39.0#
84 139.5 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 58.987 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009348.D

Acq: 27 Jun 2022 17:16

Instrument :

MSVOA_Y

ClientSampleId :

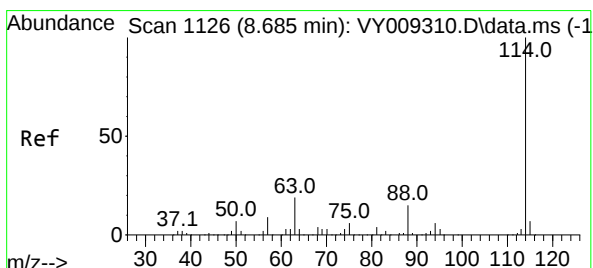
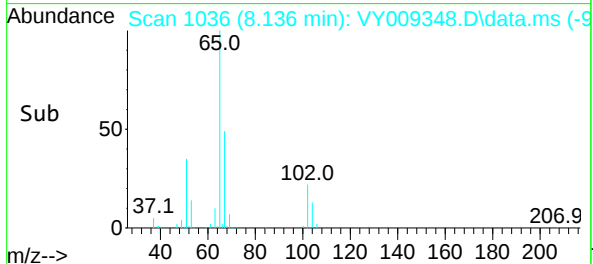
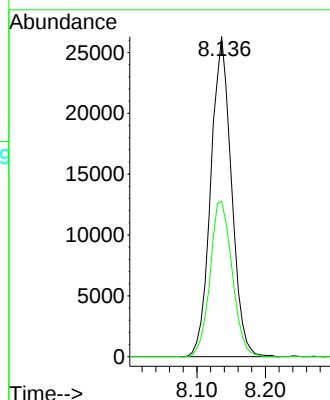
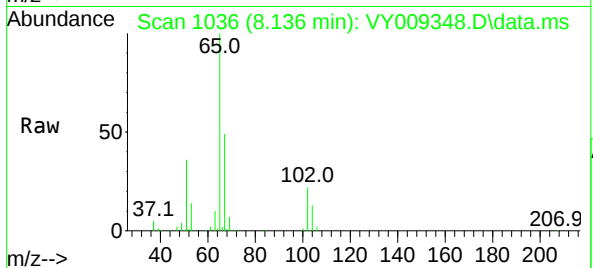
B2203-35

Tgt Ion: 65 Resp: 55028

Ion Ratio Lower Upper

65 100

67 51.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009348.D

Acq: 27 Jun 2022 17:16

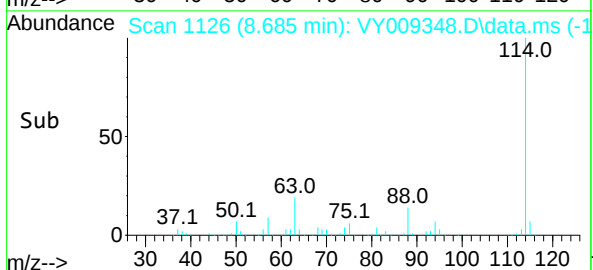
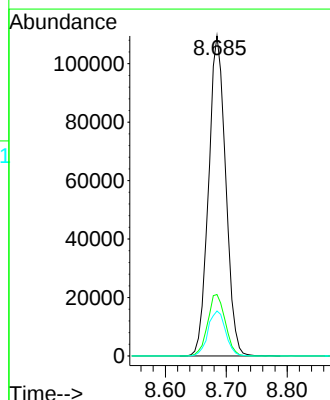
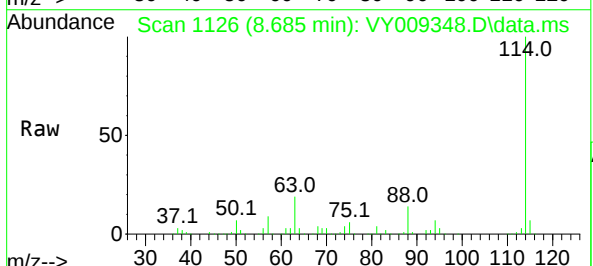
Tgt Ion: 114 Resp: 213736

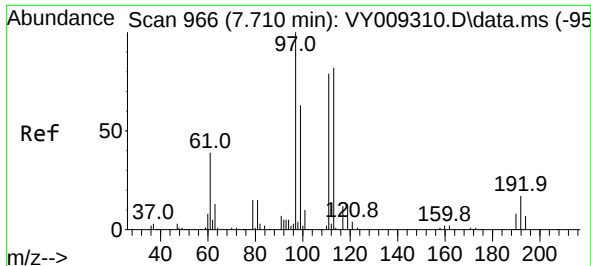
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

88 14.1 0.0 30.0

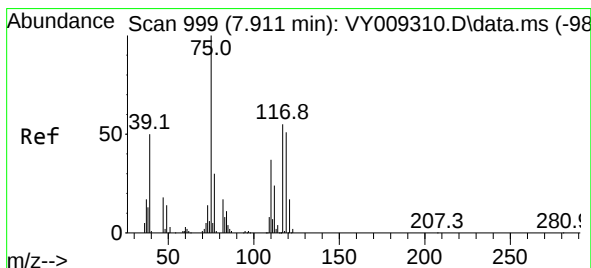
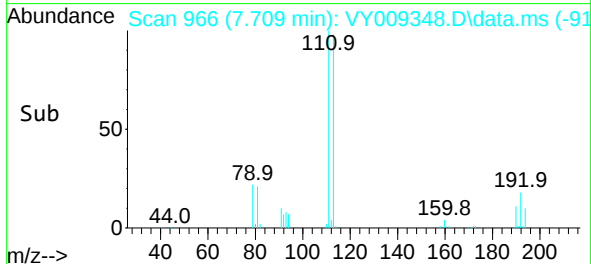
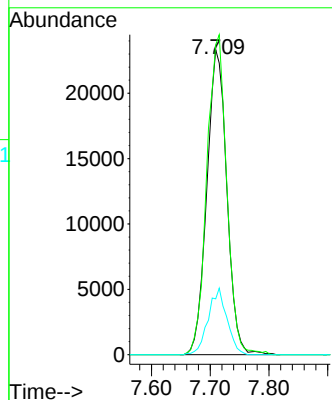
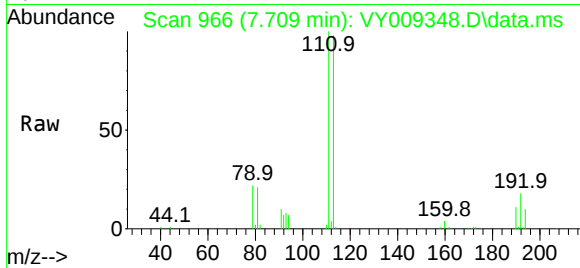




#35
Dibromofluoromethane
Concen: 47.890 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

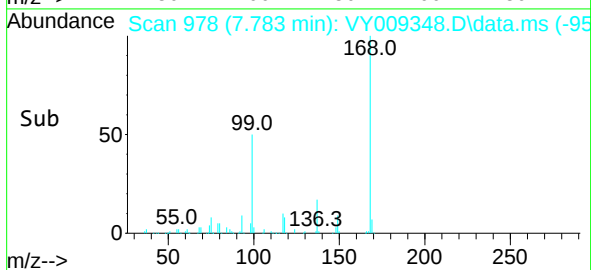
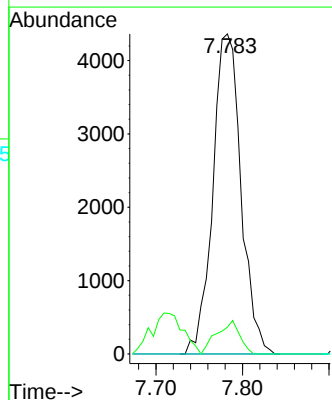
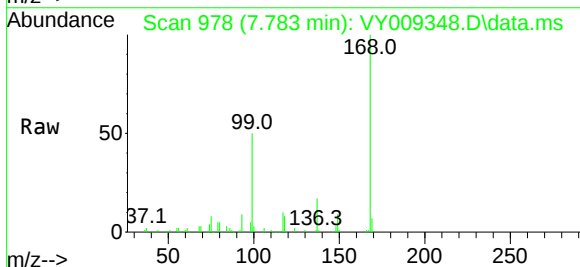
Instrument :
MSVOA_Y
ClientSampleId :
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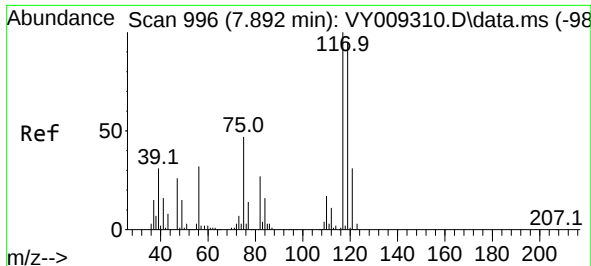
Tgt Ion:113 Resp: 55249
Ion Ratio Lower Upper
113 100
111 104.1 80.6 120.8
192 20.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

Tgt Ion: 75 Resp: 9859
Ion Ratio Lower Upper
75 100
110 8.5 18.6 56.0#
77 0.0 25.0 37.4#

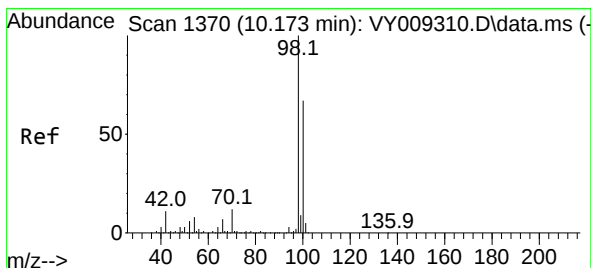
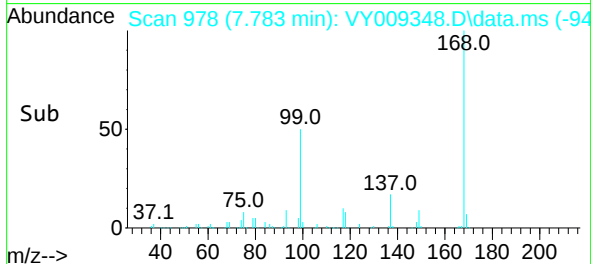
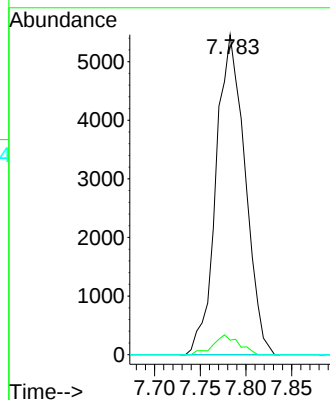
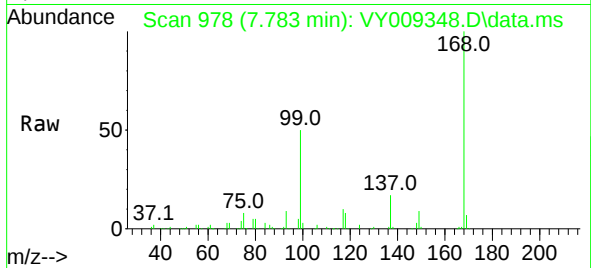




#38
Carbon Tetrachloride
Concen: 6.047 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

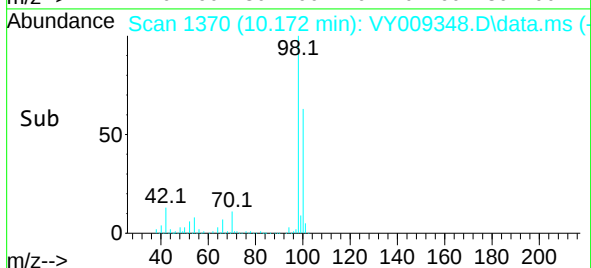
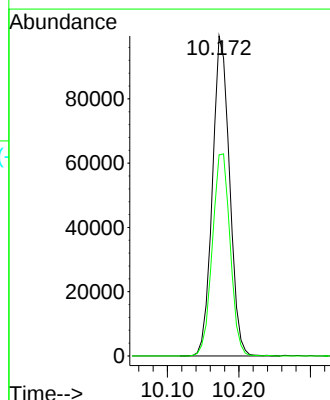
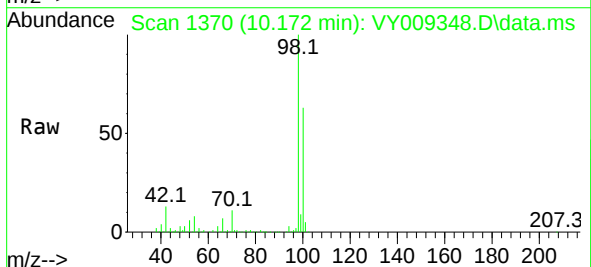
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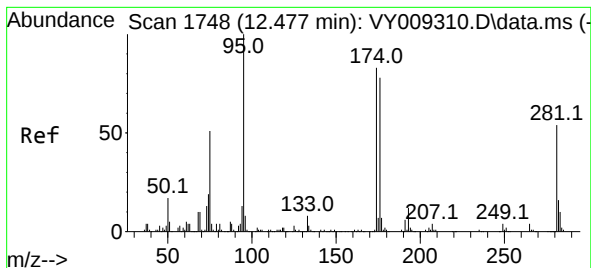
Tgt Ion:117 Resp: 12039
Ion Ratio Lower Upper
117 100
119 4.5 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.072 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.001 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

Tgt Ion: 98 Resp: 165834
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3

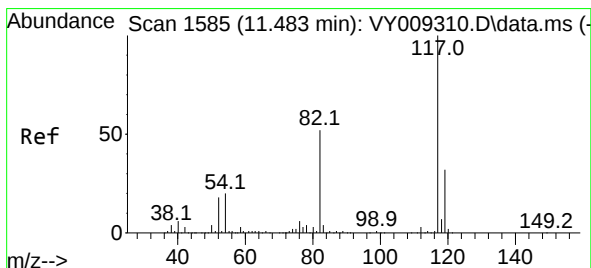
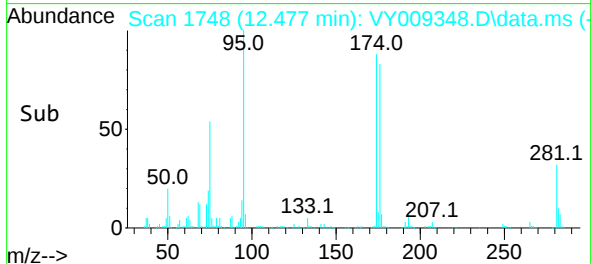
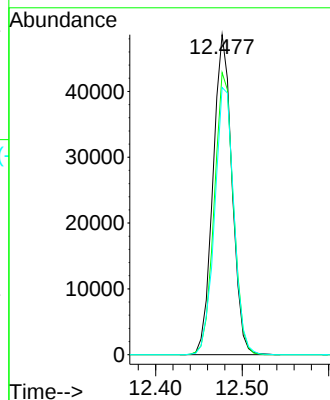
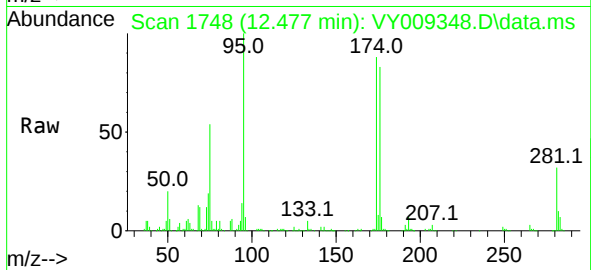




#62
4-Bromofluorobenzene
Concen: 45.044 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

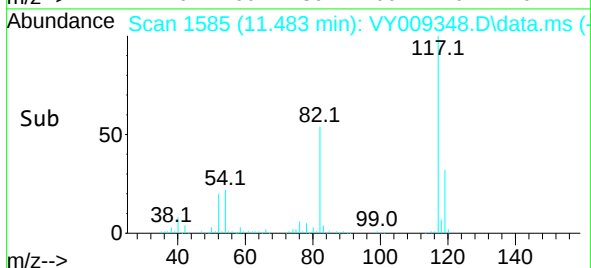
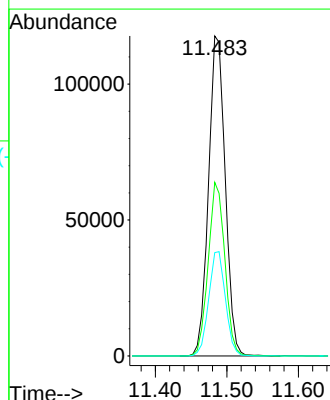
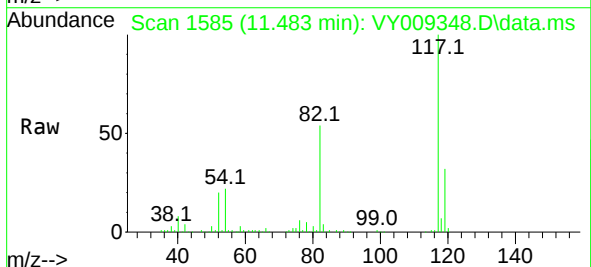
Instrument :
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ClientSampleId :
B2203-35

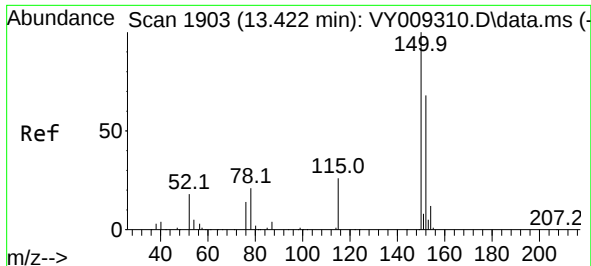
Tgt Ion: 95 Resp: 74009
Ion Ratio Lower Upper
95 100
174 88.4 0.0 173.8
176 84.8 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY009348.D
Acq: 27 Jun 2022 17:16

Tgt Ion: 117 Resp: 191224
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.6
119 32.3 25.6 38.4

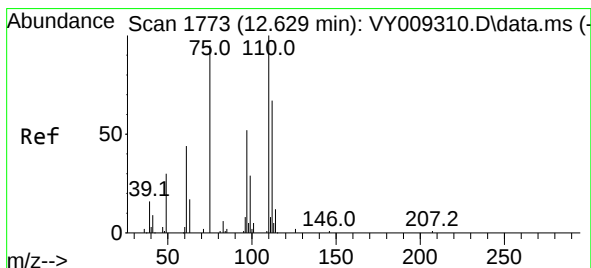
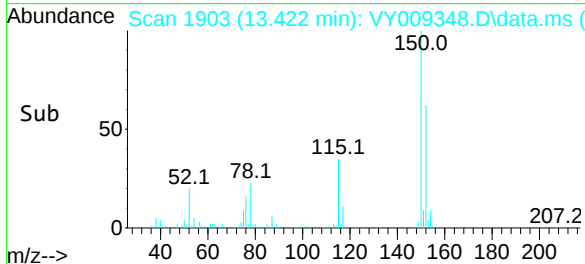
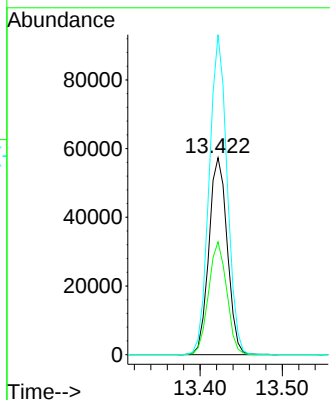
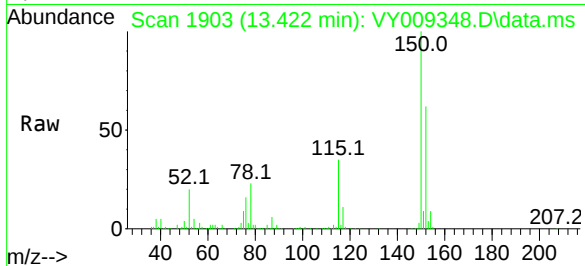




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009348.D
 Acq: 27 Jun 2022 17:16

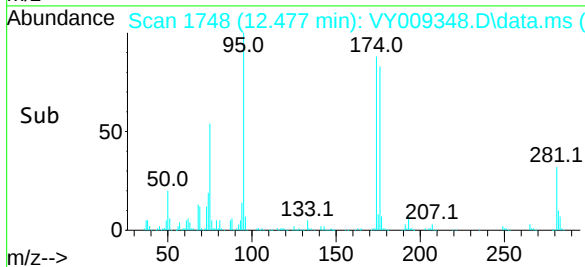
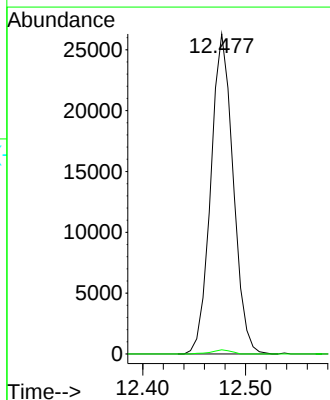
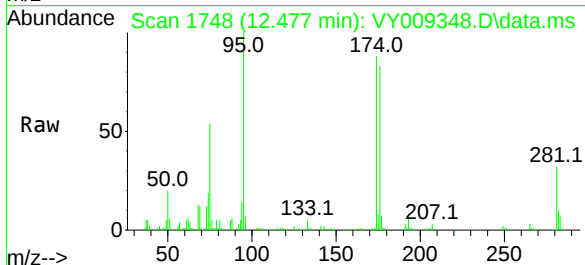
Instrument :
 MSVOA_Y
 ClientSampleId :
 B2203-35

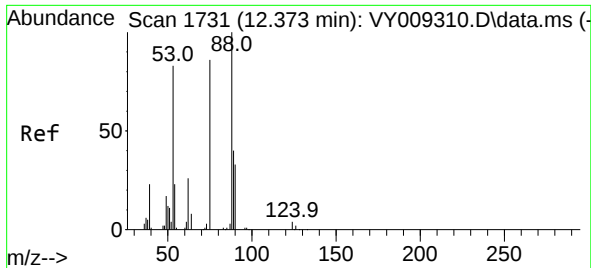
Tgt Ion:152 Resp: 88881
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.6 85.9
 150 158.9 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 46.225 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009348.D
 Acq: 27 Jun 2022 17:16

Tgt Ion: 75 Resp: 39870
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.505 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009348.D
 Acq: 27 Jun 2022 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2203-35

Tgt Ion: 75 Resp: 39870
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 1.3 38.1 57.1#

