

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009003.D
 Acq On : 23 May 2022 13:57
 Operator : KP/MD
 Sample : N2868-02
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0612-01

Quant Time: May 24 01:47:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

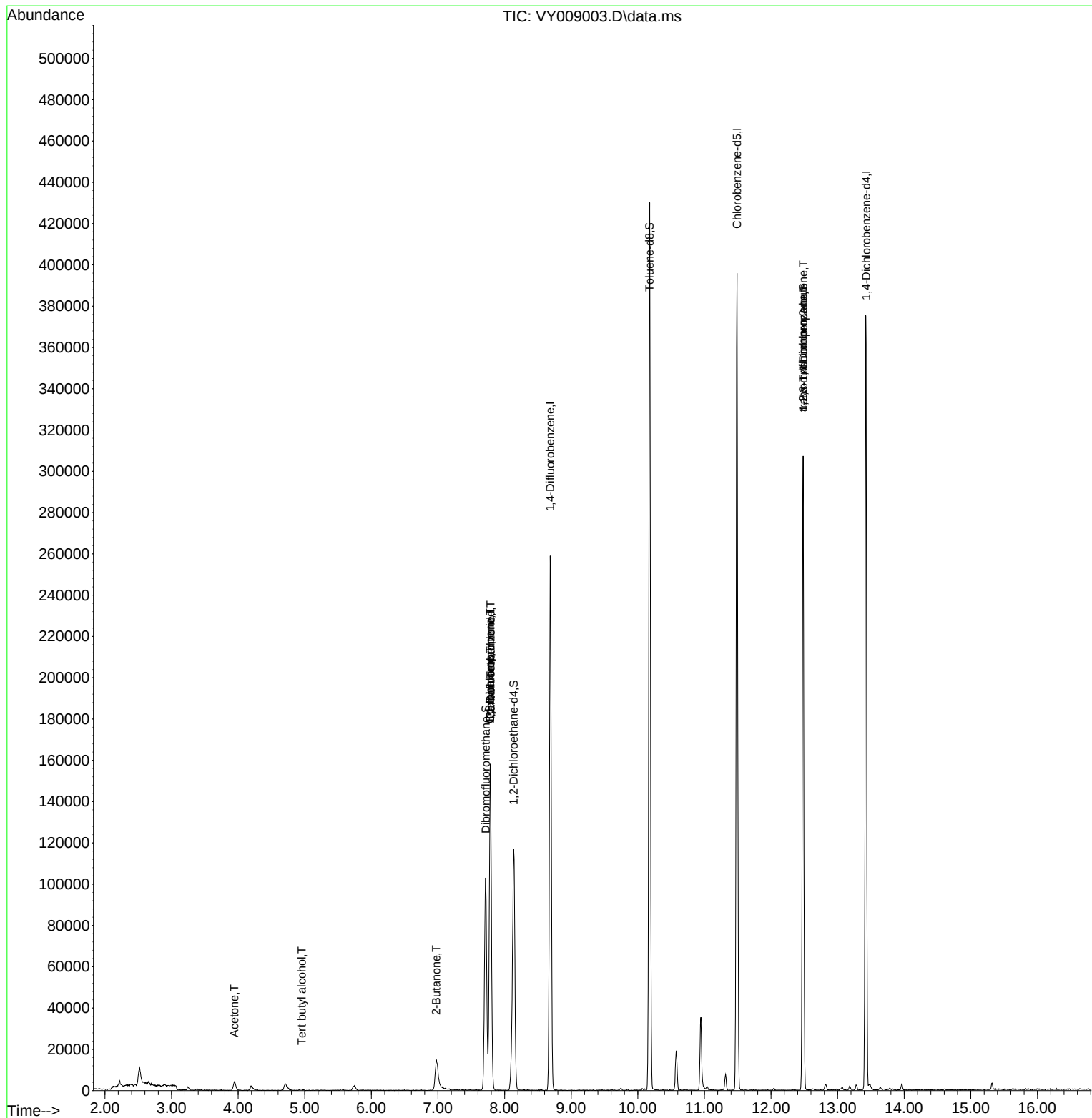
Internal Standards						
1) Pentafluorobenzene	7.789	168	119109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82303	67.140	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.280%			
35) Dibromofluoromethane	7.716	113	69516	52.543	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.080%			
50) Toluene-d8	10.179	98	268312	54.972	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.940%			
62) 4-Bromofluorobenzene	12.483	95	80206	40.737	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.480%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	870	6.997	ug/l #	77
16) Acetone	3.942	43	6759	26.488	ug/l	99
20) Methylene Chloride	4.704	84	2426	Below Cal	#	68
25) 2-Butanone	6.972	43	684	1.501	ug/l #	78
31) Cyclohexane	7.783	56	3218	1.342	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	10460	4.646	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12093	5.134	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	46011	47.130	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46011	96.735	ug/l #	7

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

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QLast Update : Fri May 20 23:50:52 2022
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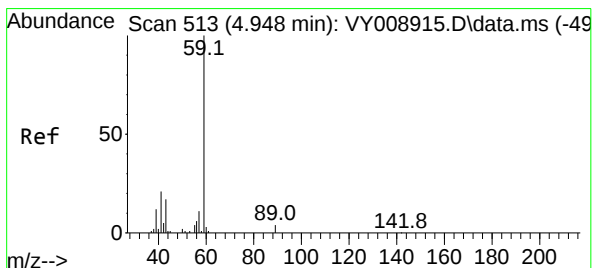
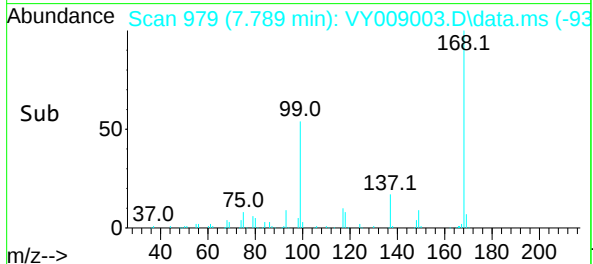
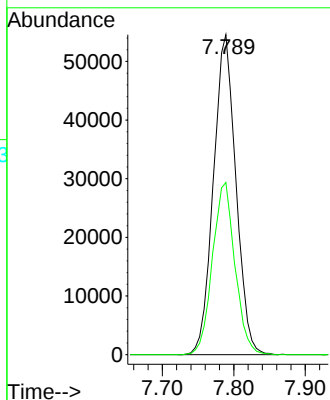
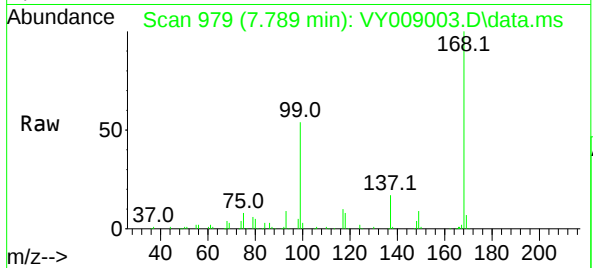




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

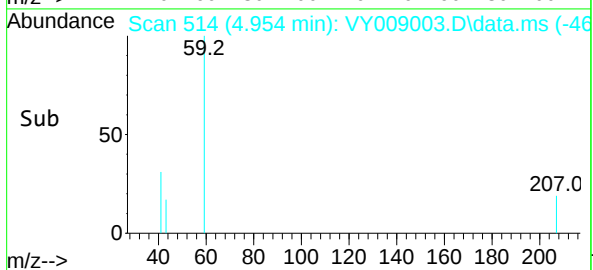
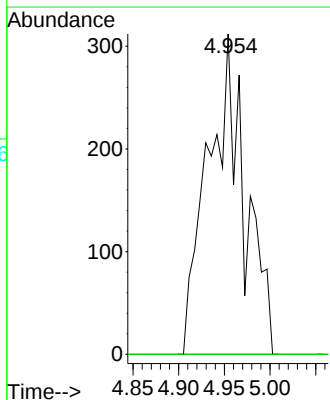
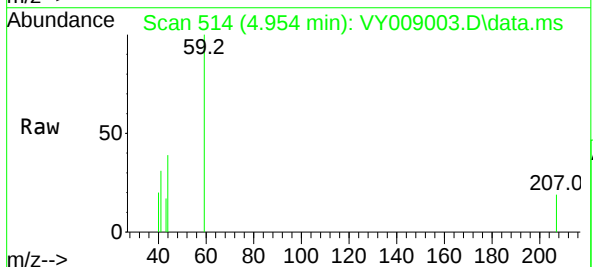
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

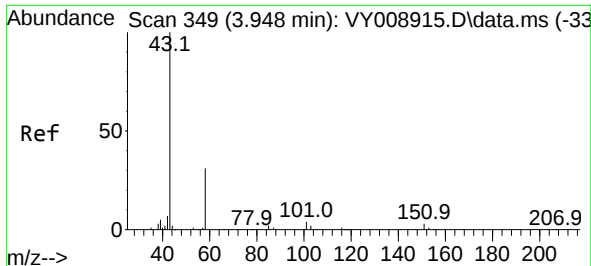
Tgt Ion:168 Resp: 119109
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.997 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

Tgt Ion: 59 Resp: 870
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

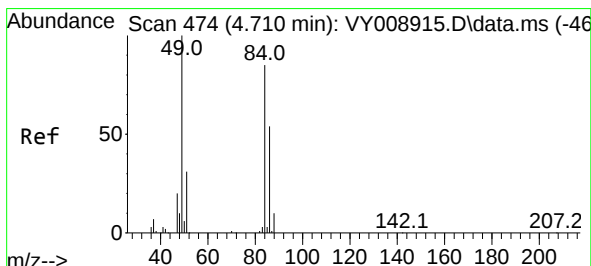
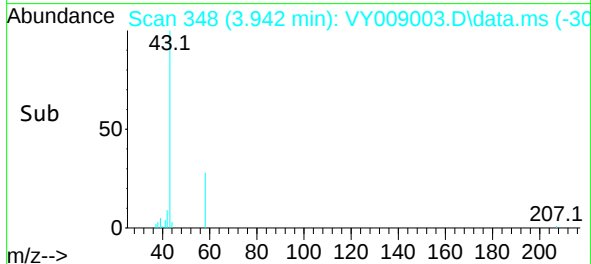
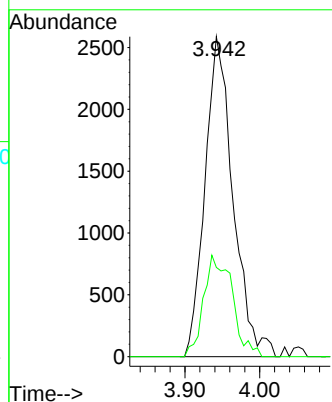
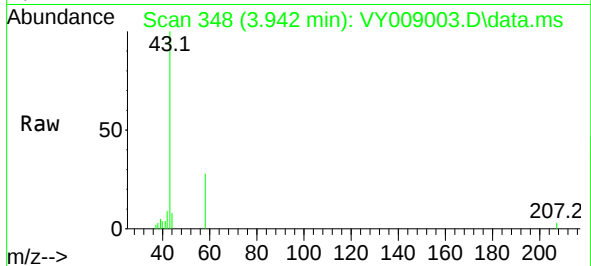




#16
Acetone
Concen: 26.488 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

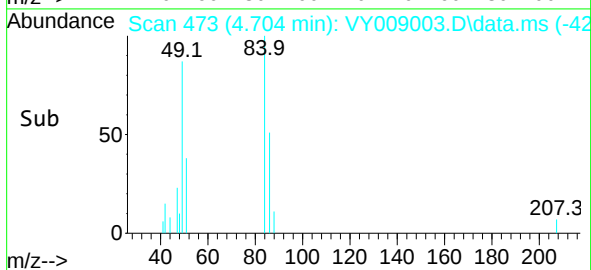
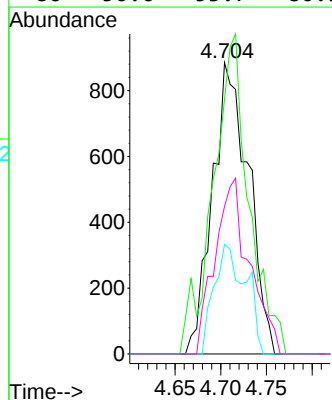
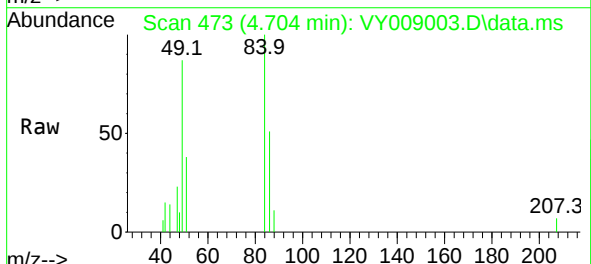
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

Tgt Ion: 43 Resp: 6759
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

Tgt Ion: 84 Resp: 2426
Ion Ratio Lower Upper
84 100
49 87.5 114.4 171.6#
51 37.6 35.3 52.9
86 50.6 53.7 80.5#

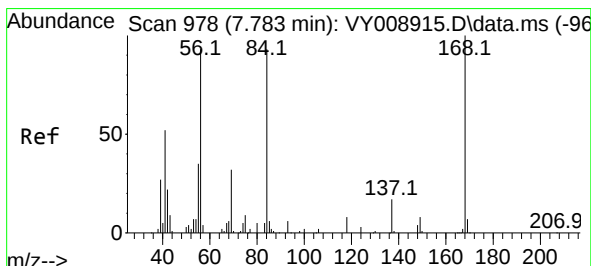
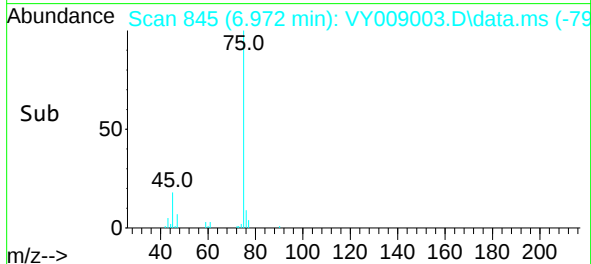
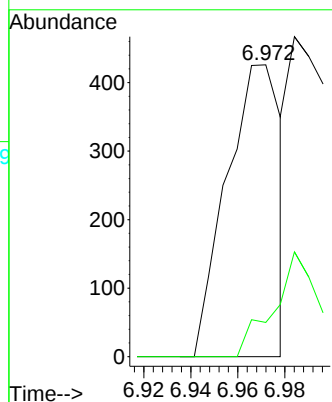
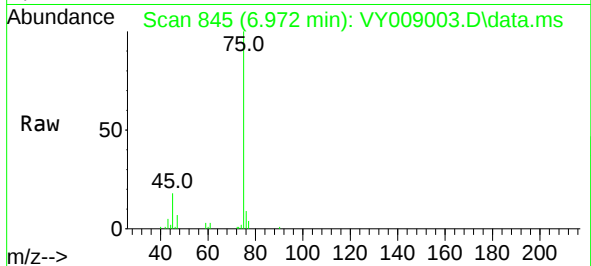




#25
2-Butanone
Concen: 1.501 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

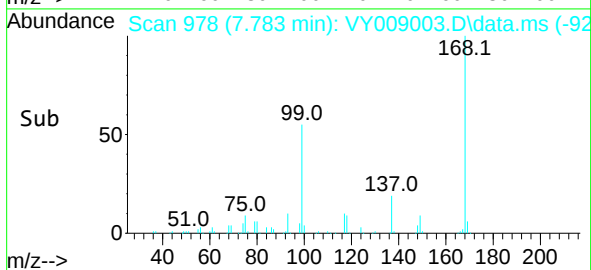
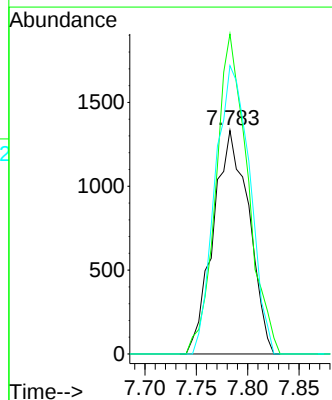
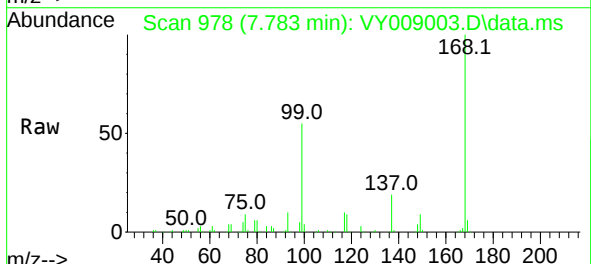
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
72 11.7 17.7 26.5#



#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

Tgt Ion: 56 Resp: 3218
Ion Ratio Lower Upper
56 100
69 143.1 26.7 40.1#
84 129.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.140 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009003.D

Acq: 23 May 2022 13:57

Instrument :

MSVOA_Y

ClientSampleId :

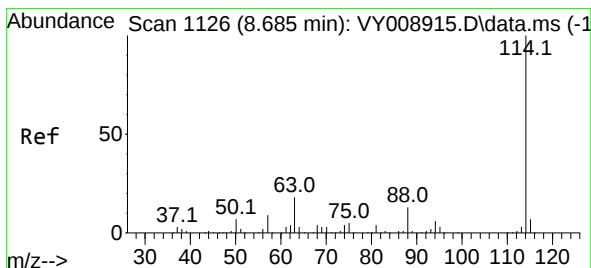
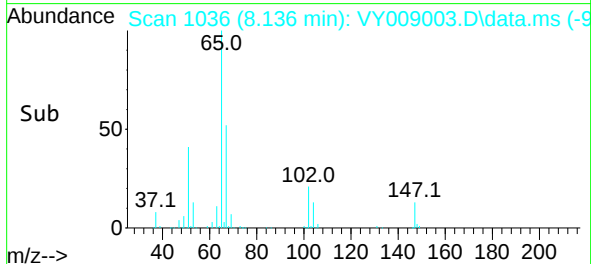
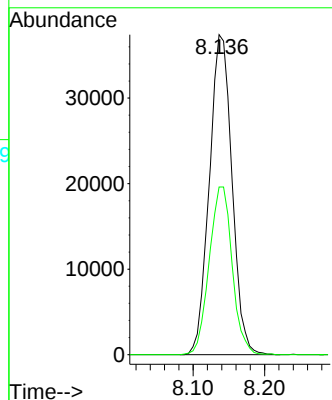
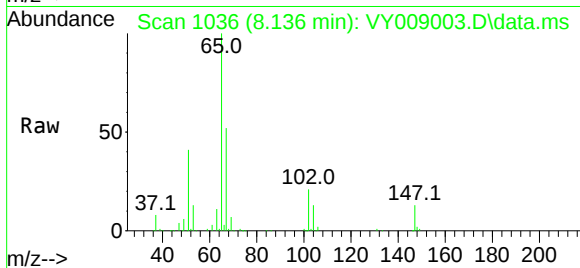
P017-SS001-0612-01

Tgt Ion: 65 Resp: 82303

Ion Ratio Lower Upper

65 100

67 53.2 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: VY009003.D

Acq: 23 May 2022 13:57

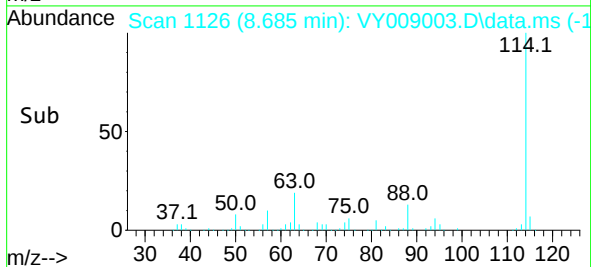
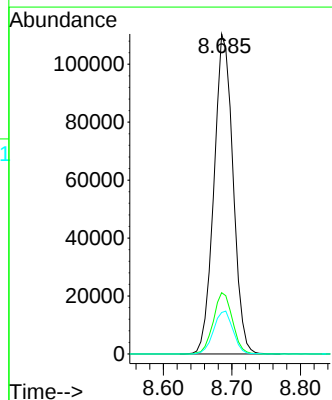
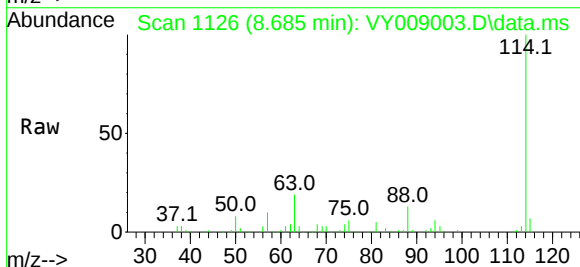
Tgt Ion: 114 Resp: 212760

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.0 0.0 31.8

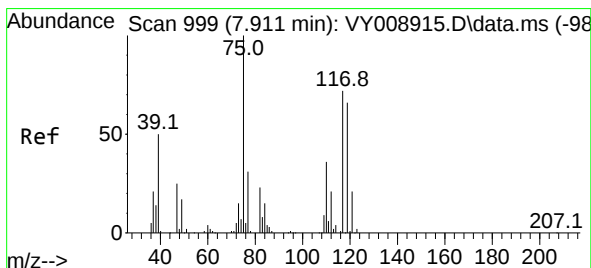
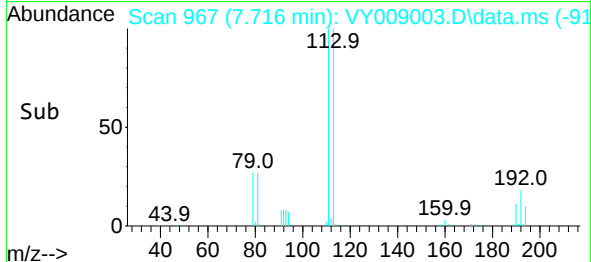
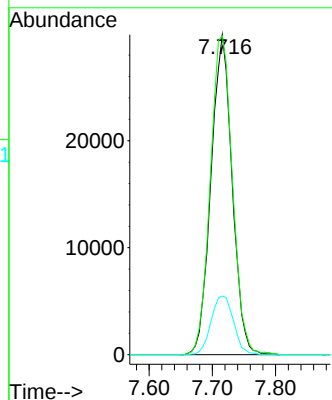
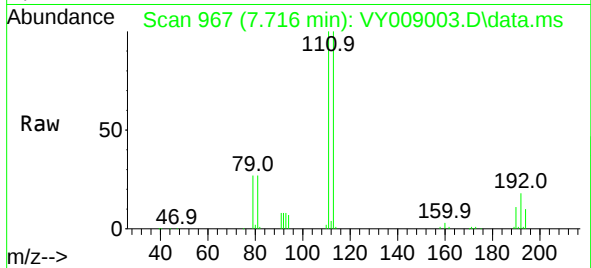




#35
Dibromofluoromethane
Concen: 52.543 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

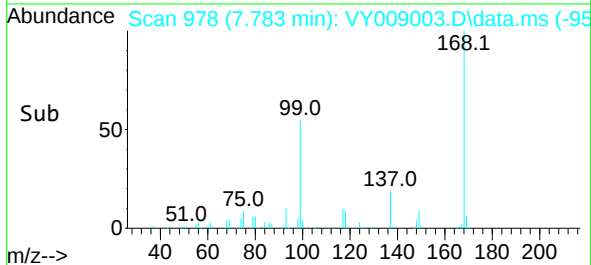
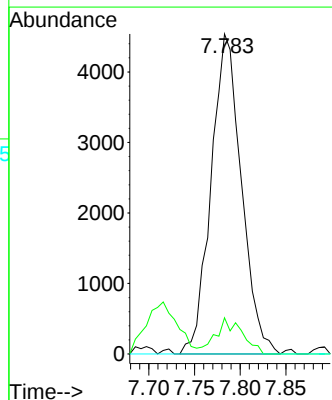
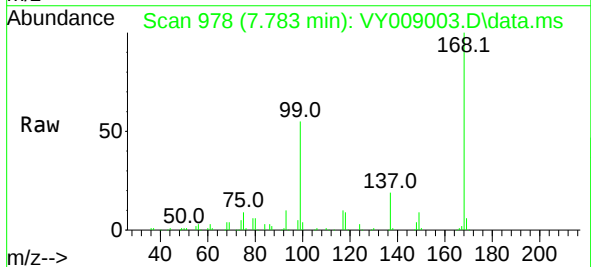
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

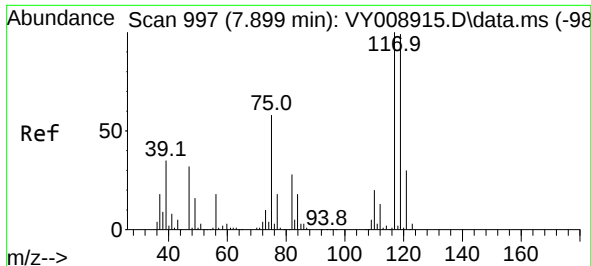
Tgt Ion:113 Resp: 69516
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

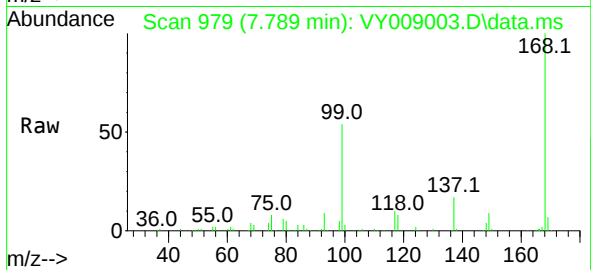
Tgt Ion: 75 Resp: 10460
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



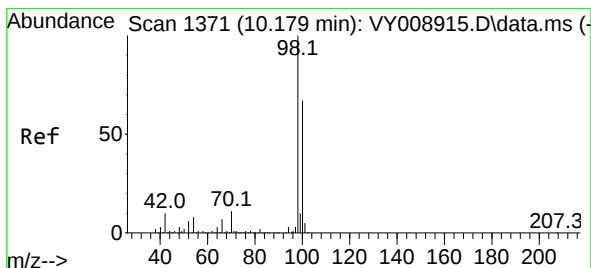
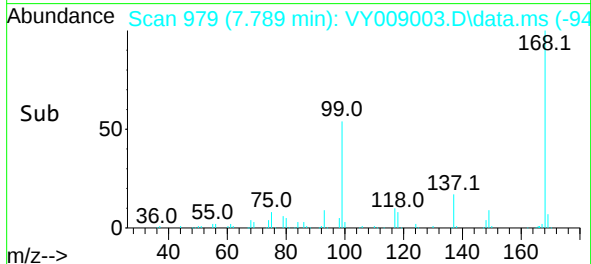
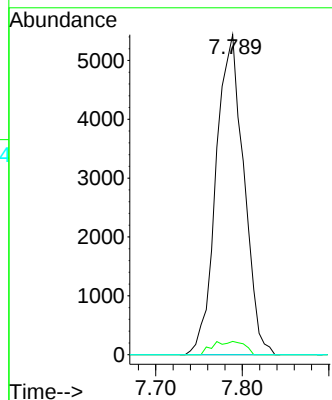


#38
Carbon Tetrachloride
Concen: 5.134 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

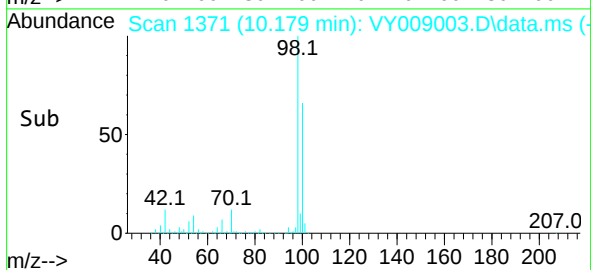
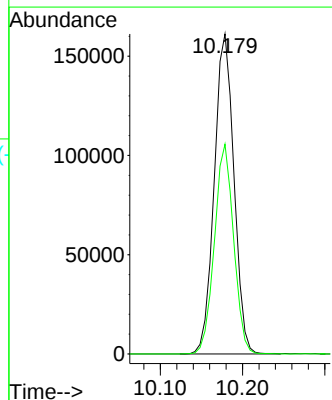
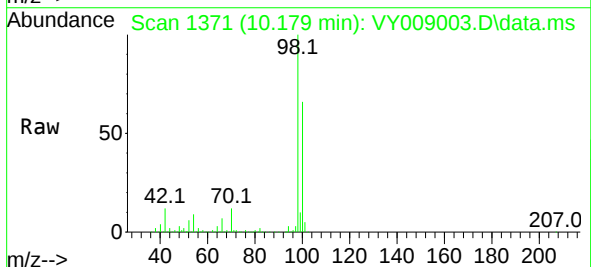


Tgt Ion:117 Resp: 12093
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.972 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

Tgt Ion: 98 Resp: 268312
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

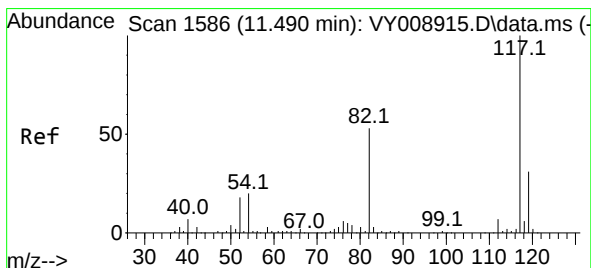
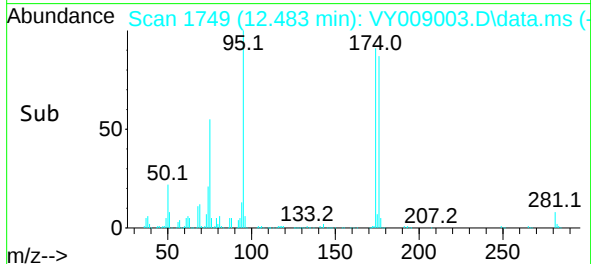
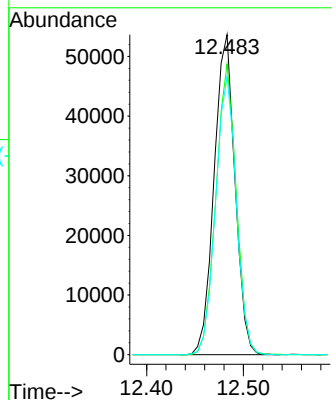
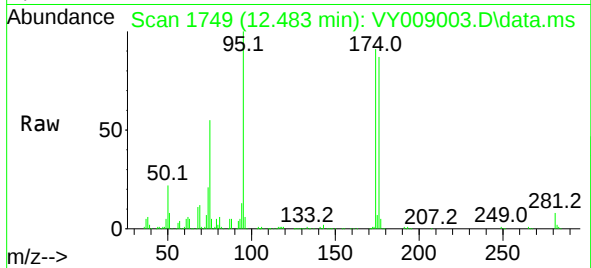




#62
4-Bromofluorobenzene
Concen: 40.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

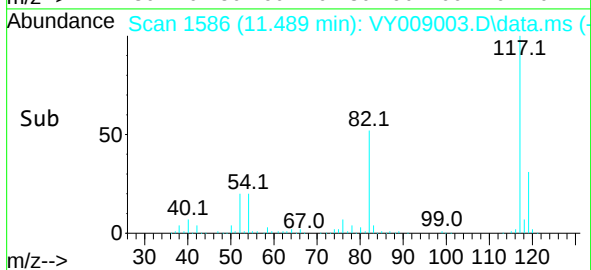
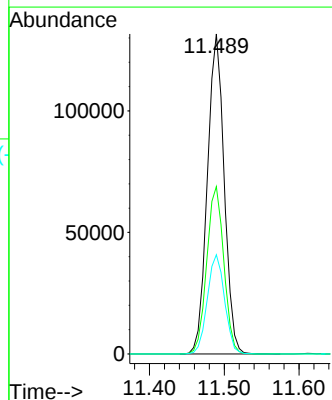
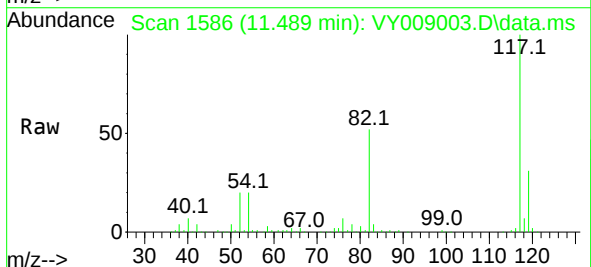
Instrument :
MSVOA_Y
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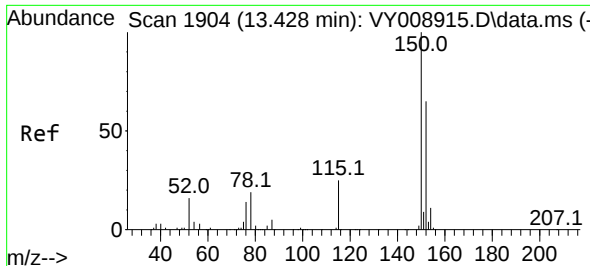
Tgt Ion: 95 Resp: 80206
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 86.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

Tgt Ion: 117 Resp: 205501
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.0 25.4 38.0

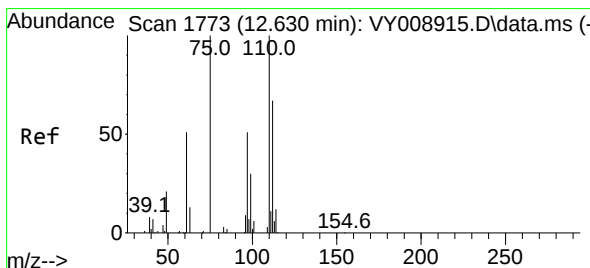
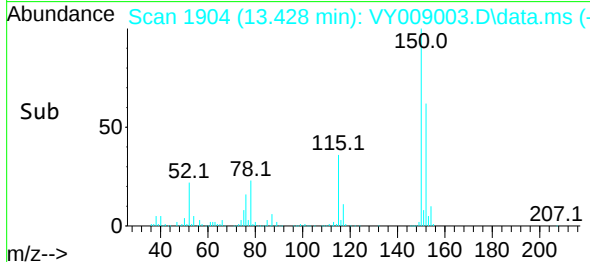
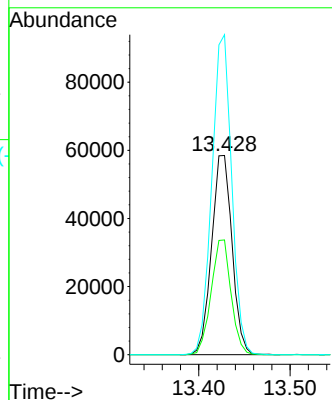
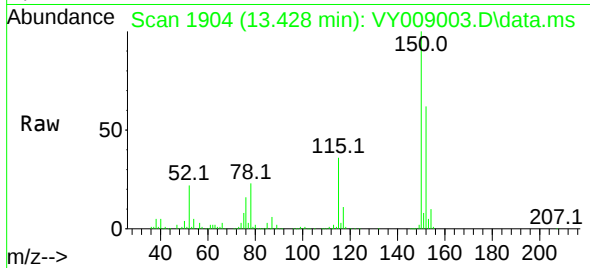




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

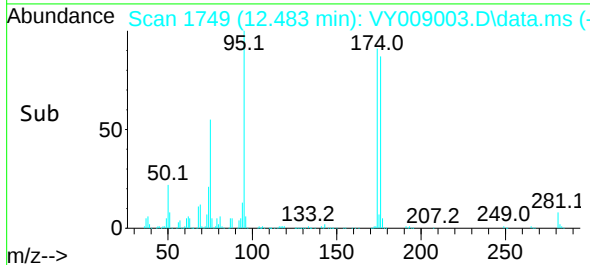
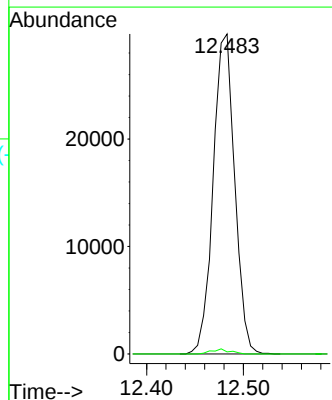
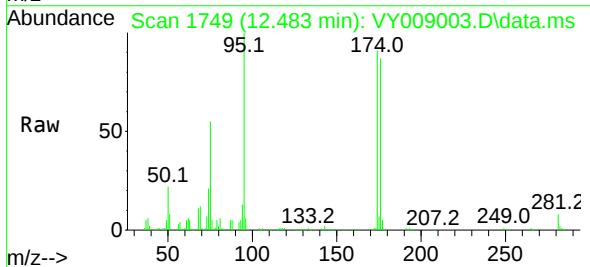
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0612-01

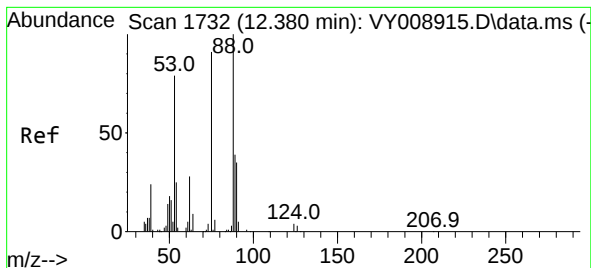
Tgt Ion:152 Resp: 90909
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 155.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009003.D
Acq: 23 May 2022 13:57

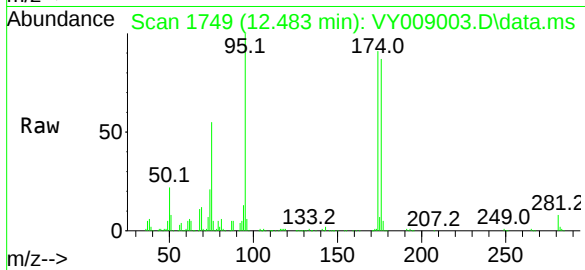
Tgt Ion: 75 Resp: 46011
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.735 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009003.D
 Acq: 23 May 2022 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0612-01



Tgt Ion: 75 Resp: 46011
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

