

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009032.D
 Acq On : 24 May 2022 02:00
 Operator : KP/MD
 Sample : N2948-12
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS002-0006-01

Quant Time: May 24 03:18:34 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)

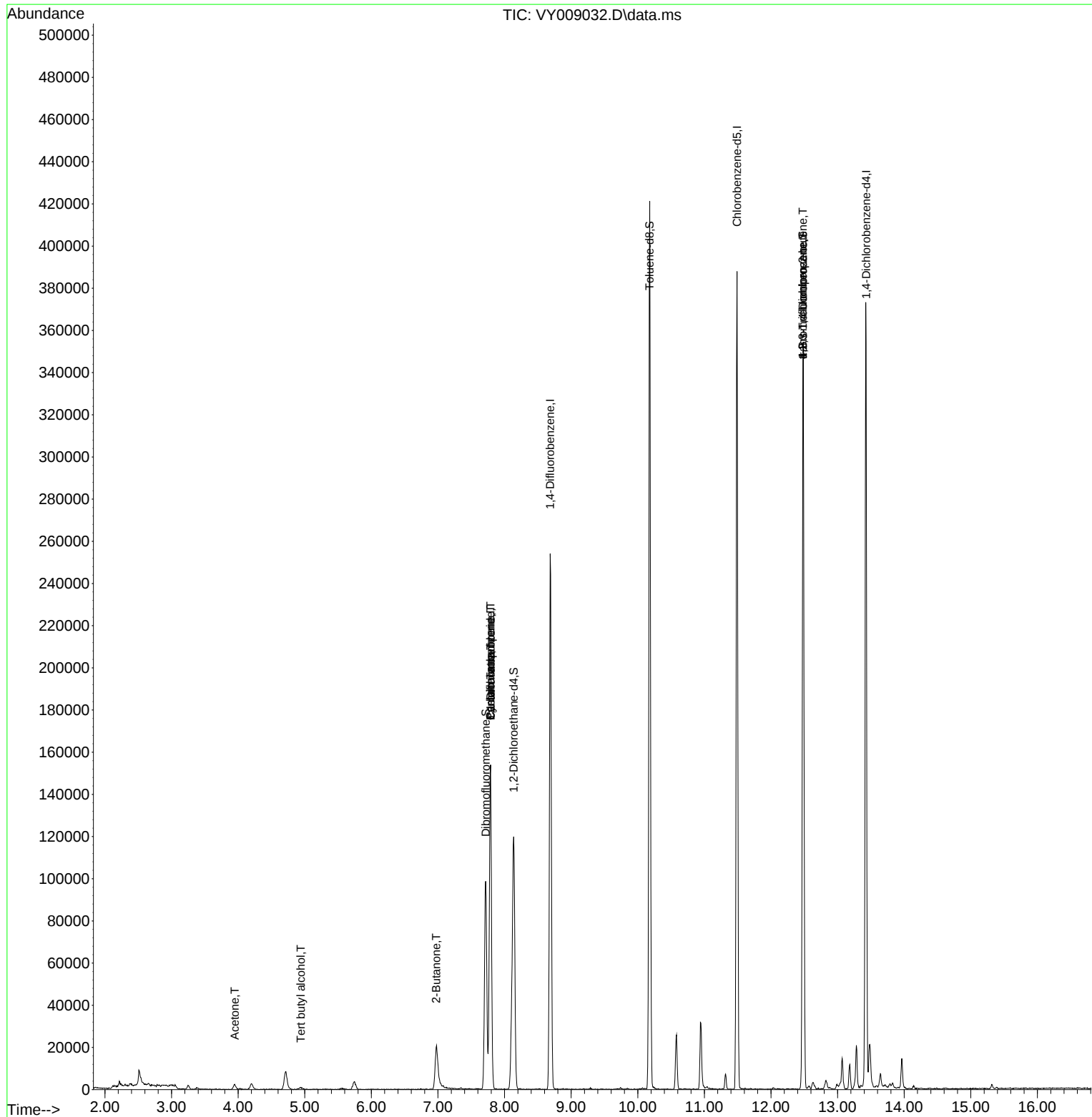
Internal Standards						
1) Pentafluorobenzene	7.789	168	116670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76922	64.062	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 128.120%	
35) Dibromofluoromethane	7.716	113	67095	51.083	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 102.160%	
50) Toluene-d8	10.179	98	262649	54.205	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.477	95	80363	41.114	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 82.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1573	12.915	ug/l #	81
16) Acetone	3.948	43	3978	15.916	ug/l #	80
20) Methylene Chloride	4.716	84	5996	Below Cal		88
25) 2-Butanone	6.972	43	1800	4.032	ug/l #	54
31) Cyclohexane	7.789	56	2967	1.263	ug/l #	55
36) 1,1-Dichloropropene	7.789	75	10638	4.759	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11745	5.023	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	46794	48.331	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46794	99.199	ug/l #	8

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

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

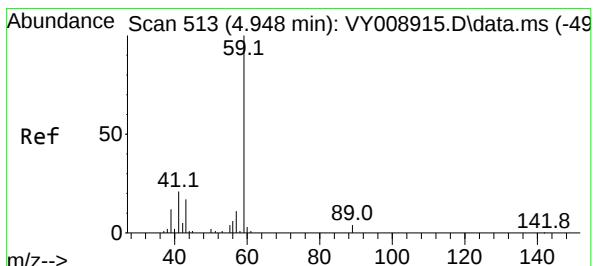
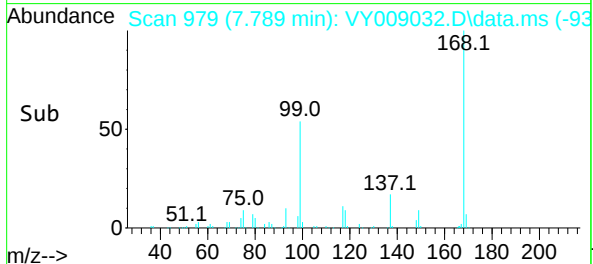
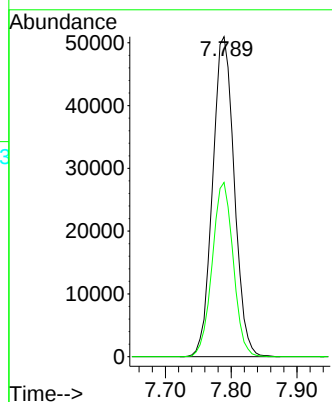
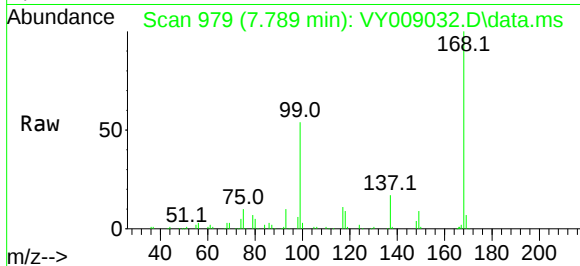




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

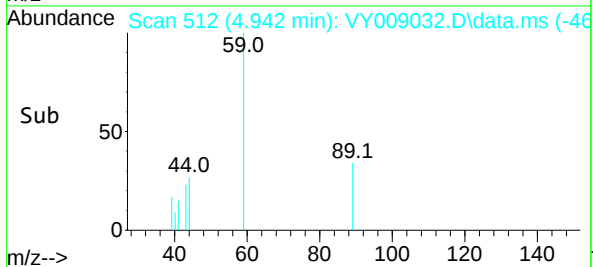
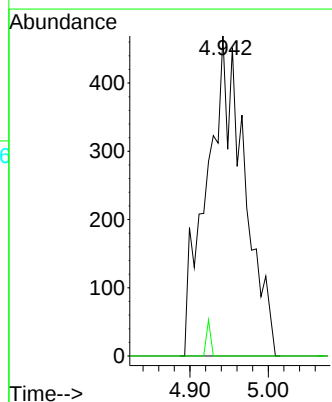
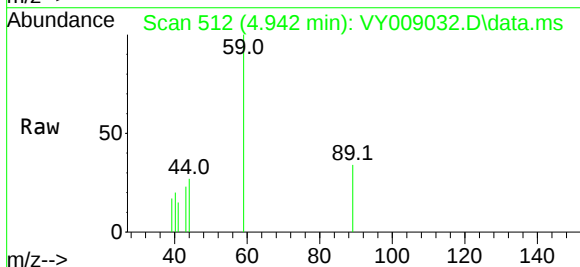
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS002-0006-01

Tgt Ion:168 Resp: 116670
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 12.915 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

Tgt Ion: 59 Resp: 1573
Ion Ratio Lower Upper
59 100
57 1.2 6.4 9.6#

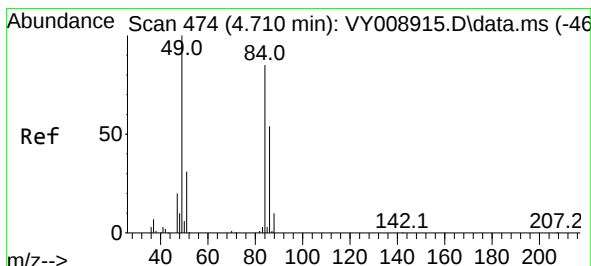
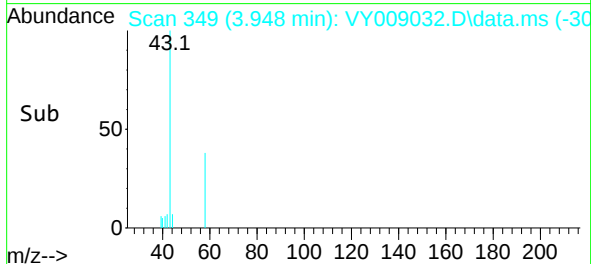
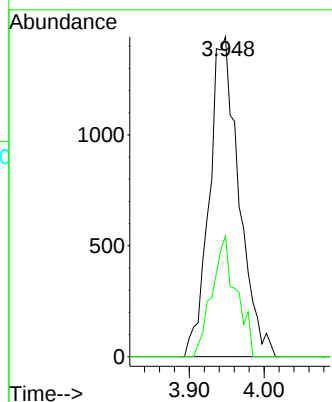
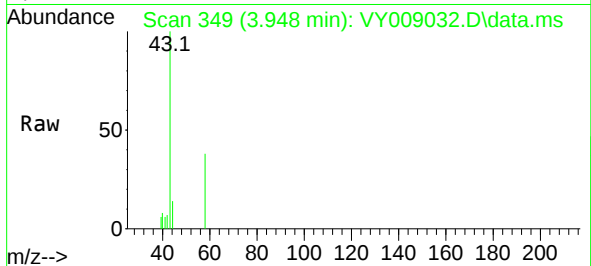




#16
Acetone
Concen: 15.916 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

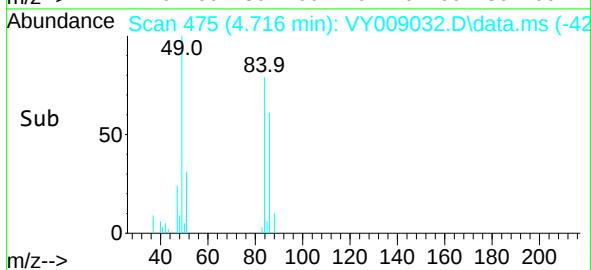
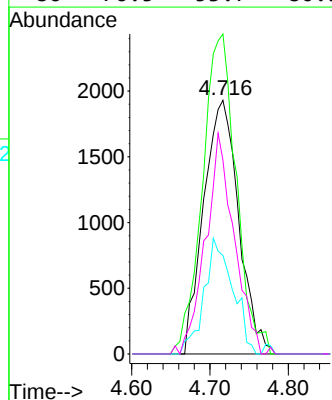
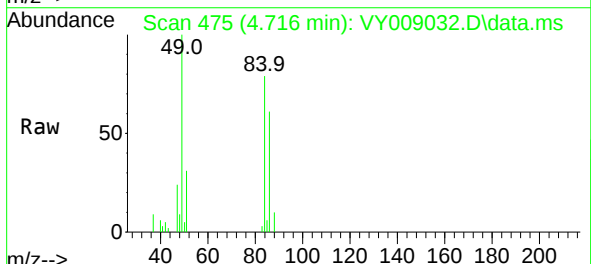
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS002-0006-01

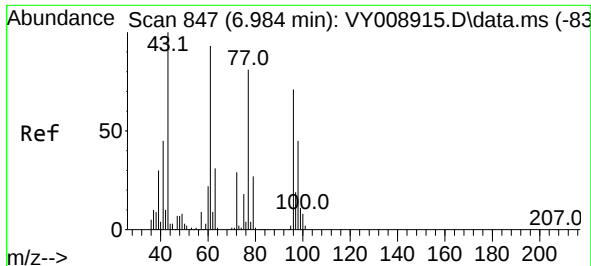
Tgt Ion: 43 Resp: 3978
Ion Ratio Lower Upper
43 100
58 37.7 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

Tgt Ion: 84 Resp: 5996
Ion Ratio Lower Upper
84 100
49 126.2 114.4 171.6
51 38.9 35.3 52.9
86 76.5 53.7 80.5

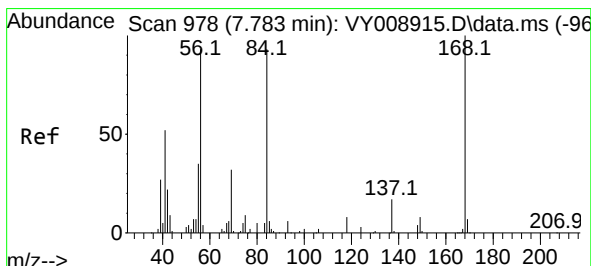
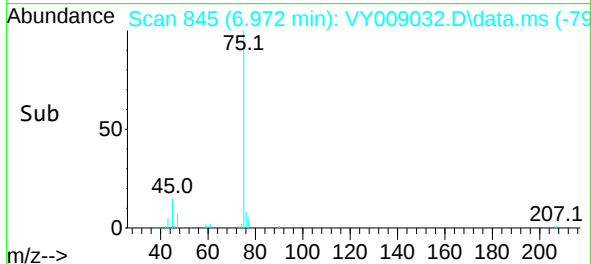
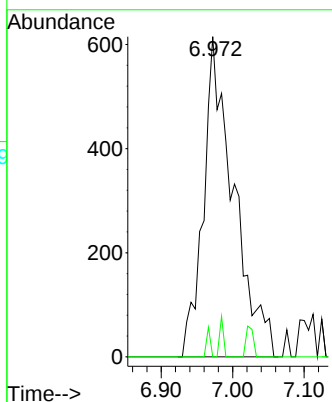
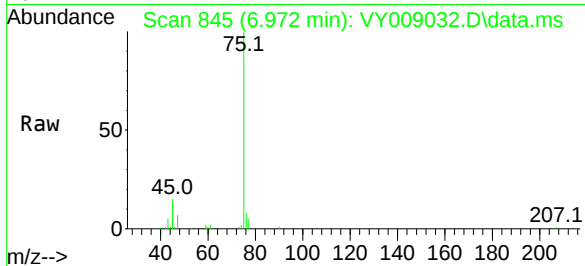




#25
2-Butanone
Concen: 4.032 ug/l
RT: 6.972 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

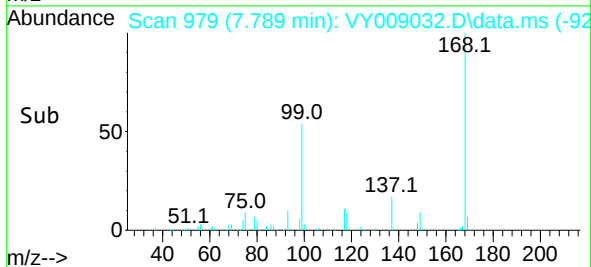
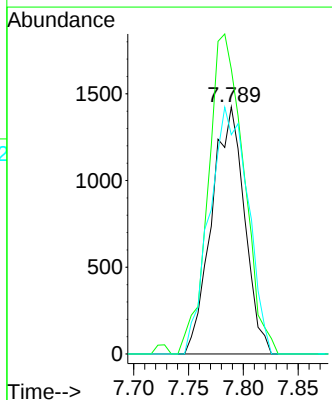
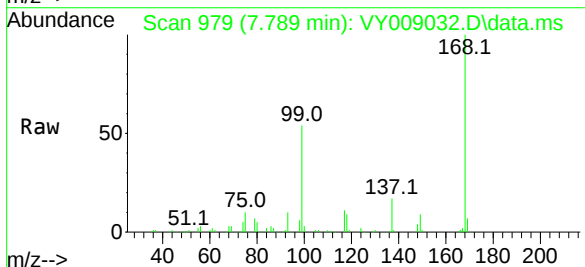
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS002-0006-01

Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

Tgt Ion: 56 Resp: 2967
Ion Ratio Lower Upper
56 100
69 115.3 26.7 40.1#
84 88.8 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 64.062 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009032.D

Acq: 24 May 2022 02:00

Instrument :

MSVOA_Y

ClientSampleId :

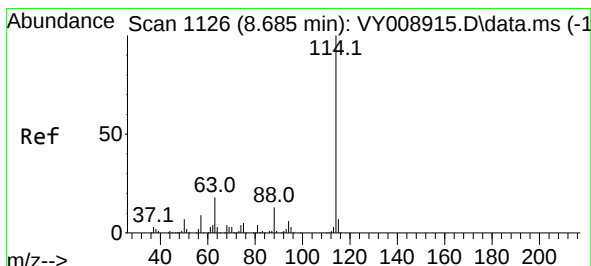
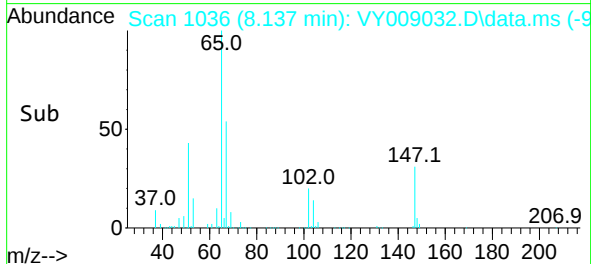
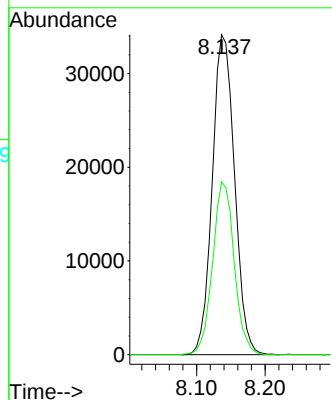
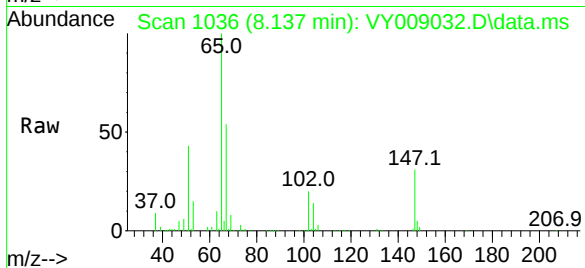
P035-SS002-0006-01

Tgt Ion: 65 Resp: 76922

Ion Ratio Lower Upper

65 100

67 52.4 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: VY009032.D

Acq: 24 May 2022 02:00

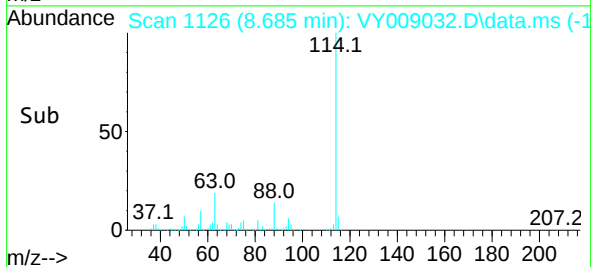
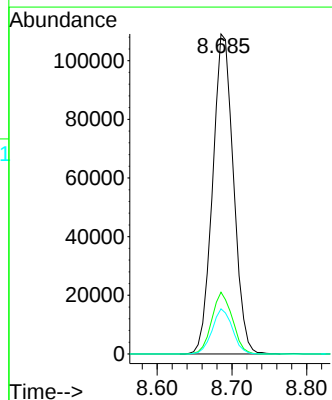
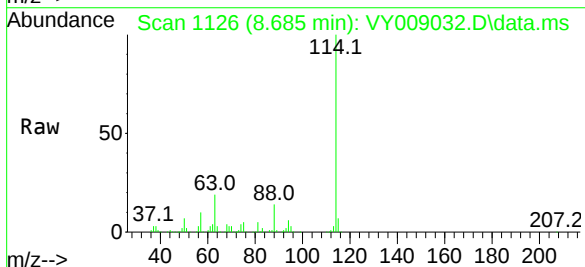
Tgt Ion: 114 Resp: 211219

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.1 0.0 31.8

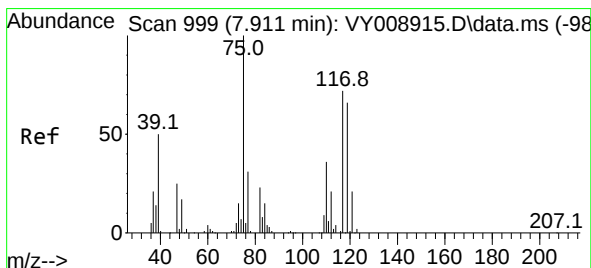
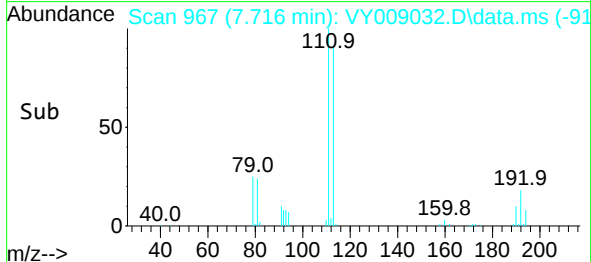
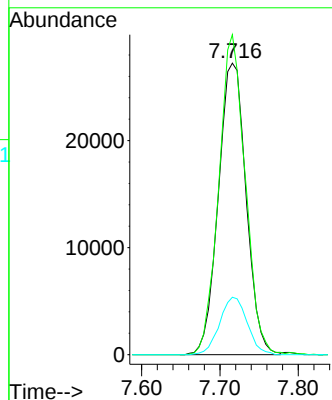
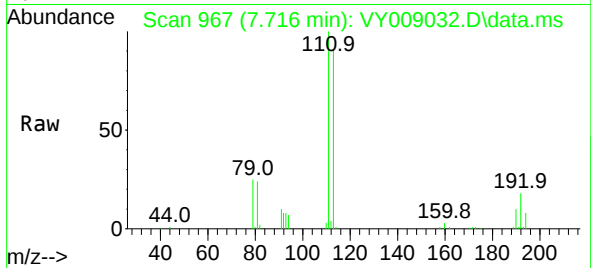




#35
Dibromofluoromethane
Concen: 51.083 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

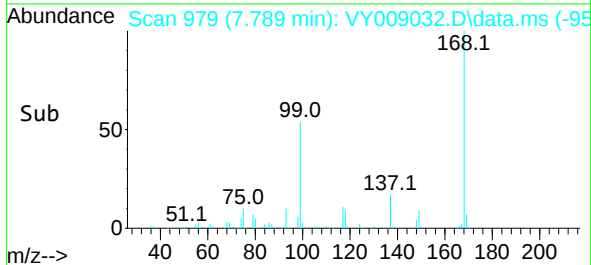
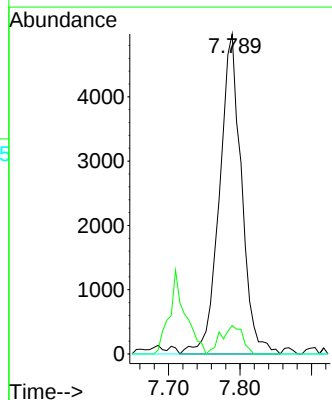
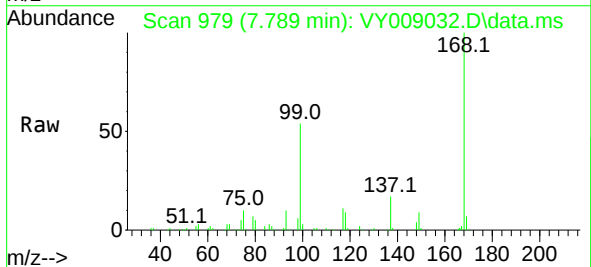
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS002-0006-01

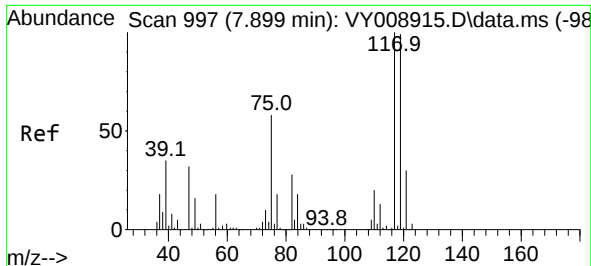
Tgt Ion:113 Resp: 67095
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.759 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

Tgt Ion: 75 Resp: 10638
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

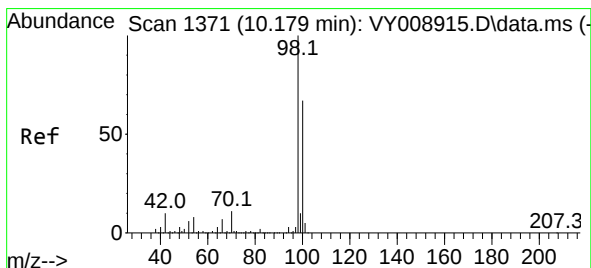
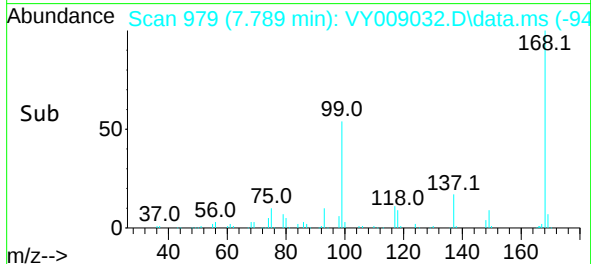
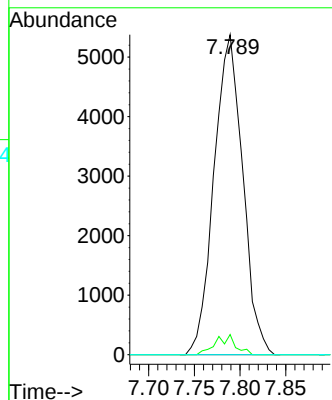
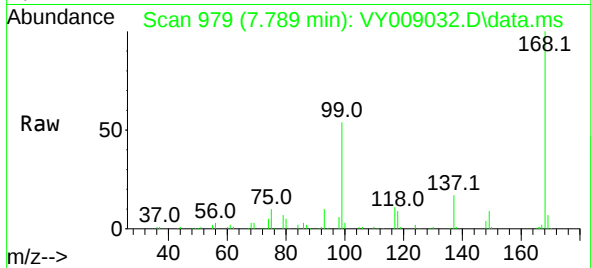




#38
Carbon Tetrachloride
Concen: 5.023 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

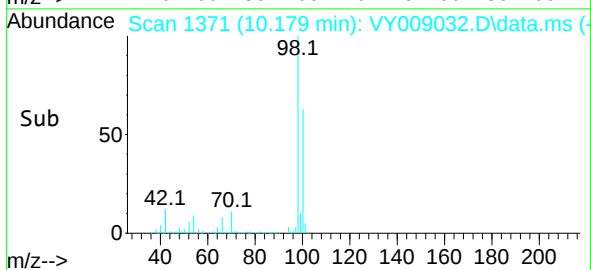
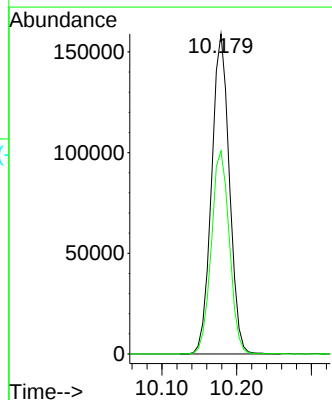
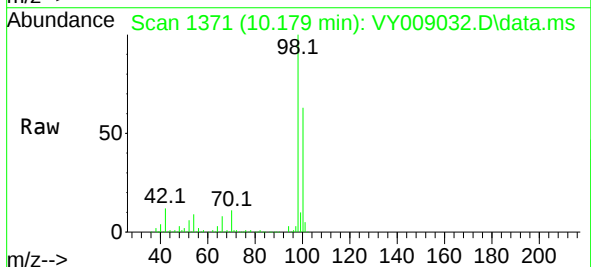
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS002-0006-01

Tgt Ion:117 Resp: 11745
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.205 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

Tgt Ion: 98 Resp: 262649
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

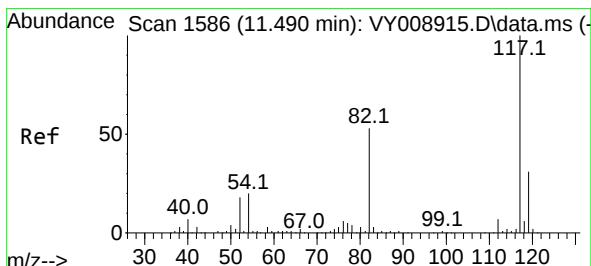
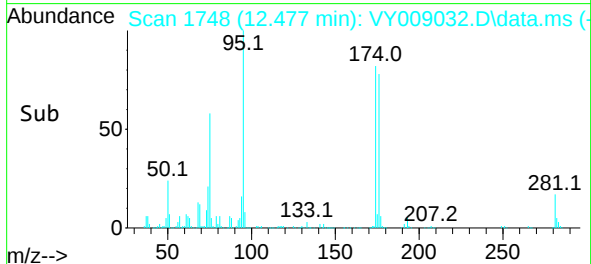
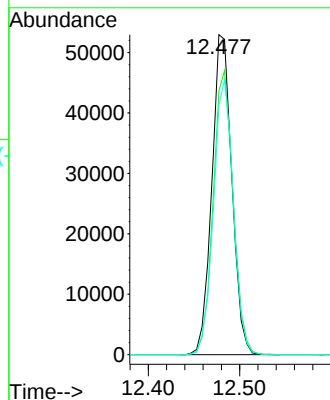
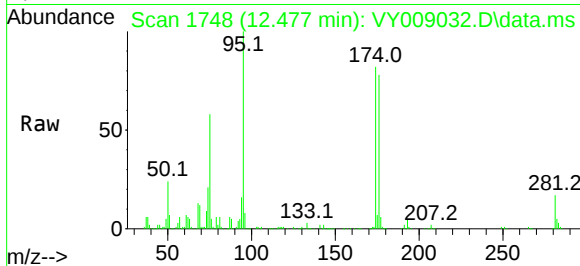




#62
4-Bromofluorobenzene
Concen: 41.114 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

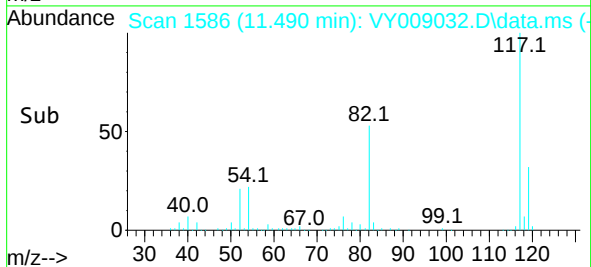
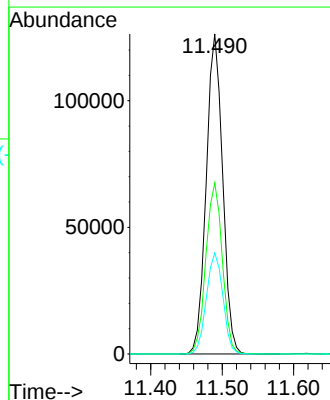
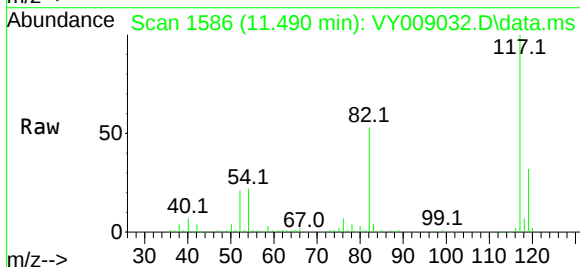
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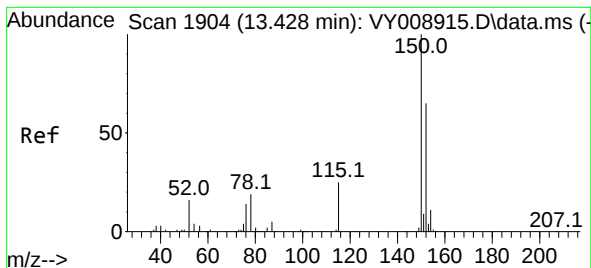
Tgt Ion: 95 Resp: 80363
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 85.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009032.D
Acq: 24 May 2022 02:00

Tgt Ion: 117 Resp: 201028
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.5 25.4 38.0

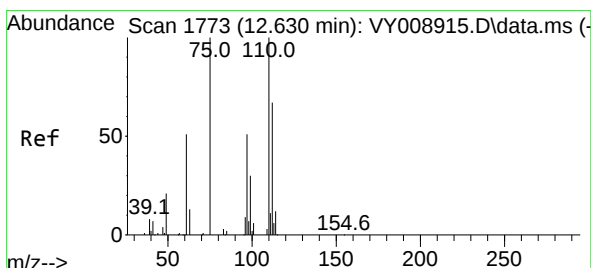
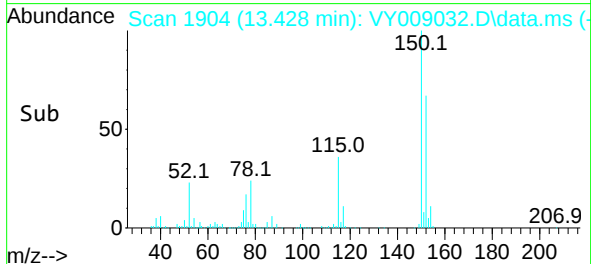
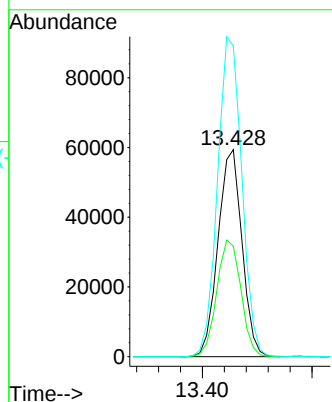
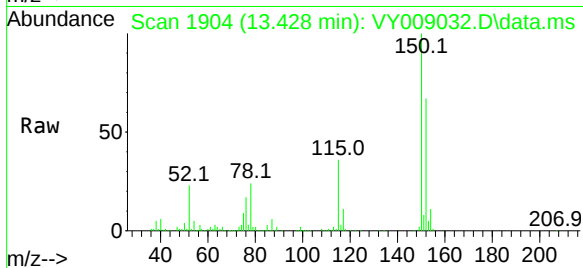




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009032.D
 Acq: 24 May 2022 02:00

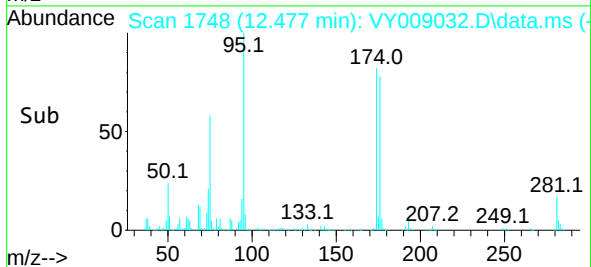
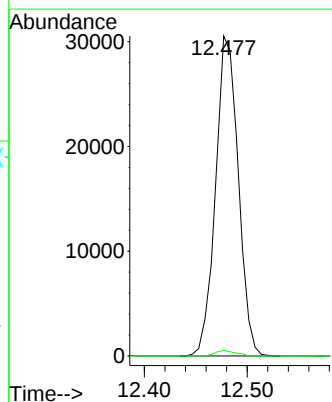
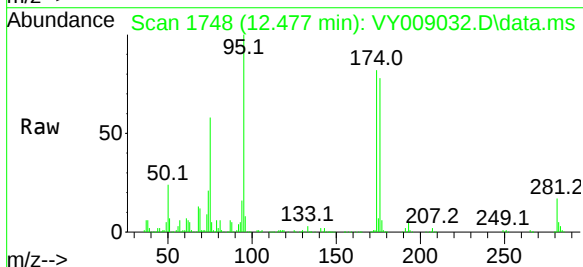
Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS002-0006-01

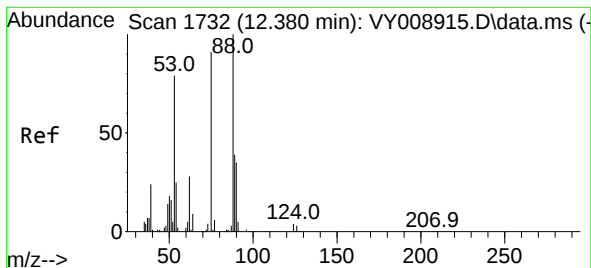
Tgt Ion:152 Resp: 90159
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.331 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009032.D
 Acq: 24 May 2022 02:00

Tgt Ion: 75 Resp: 46794
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.199 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009032.D
 Acq: 24 May 2022 02:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS002-0006-01

Tgt Ion: 75 Resp: 46794
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 0.6 37.0 55.4#

