

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009035.D
 Acq On : 24 May 2022 03:11
 Operator : KP/MD
 Sample : N2948-18
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-1218-01

Quant Time: May 24 04:08:45 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

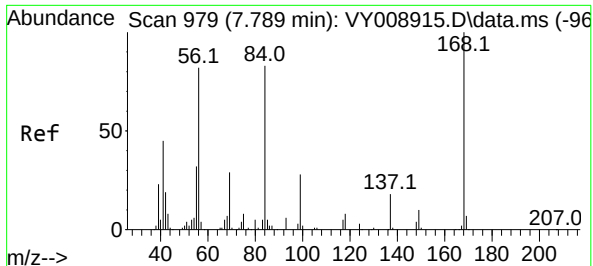
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	112988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76337	65.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.300%	
35) Dibromofluoromethane	7.722	113	65801	51.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.179	98	256281	54.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.600%	
62) 4-Bromofluorobenzene	12.483	95	74055	38.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.800%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	11134	45.998	ug/l	95
20) Methylene Chloride	4.710	84	4255	Below Cal	#	83
25) 2-Butanone	6.984	43	2891	6.687	ug/l	93
29) Tetrahydrofuran	7.350	42	657	2.237	ug/l #	70
31) Cyclohexane	7.795	56	3084	1.356	ug/l #	53
36) 1,1-Dichloropropene	7.783	75	10067	4.624	ug/l #	52
37) Ethyl Acetate	6.984	43	2891	2.560	ug/l #	62
38) Carbon Tetrachloride	7.789	117	11953	5.248	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42921	48.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42921	99.338	ug/l #	7

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

Quant Time: May 24 04:08:45 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

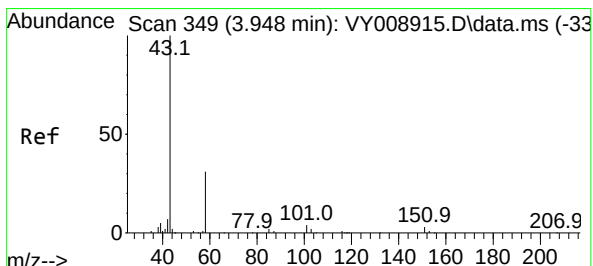
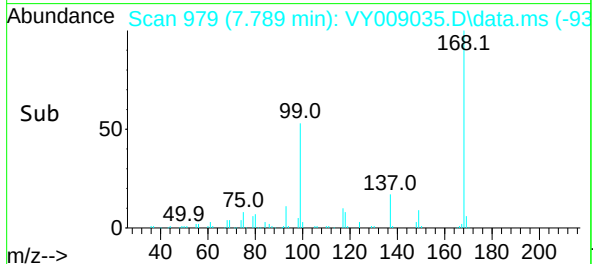
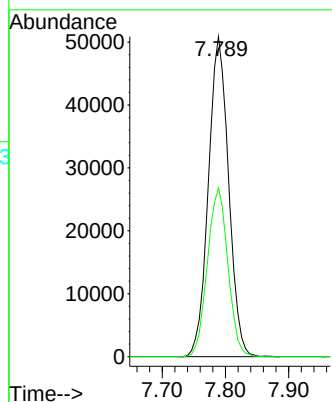
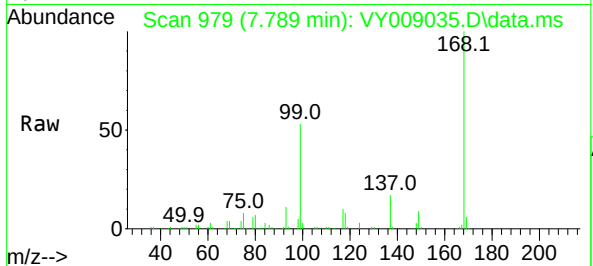




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

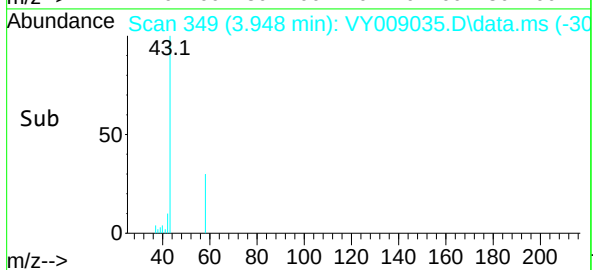
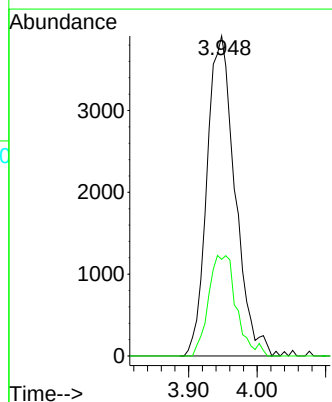
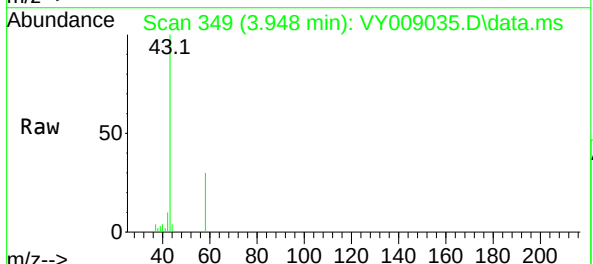
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1218-01

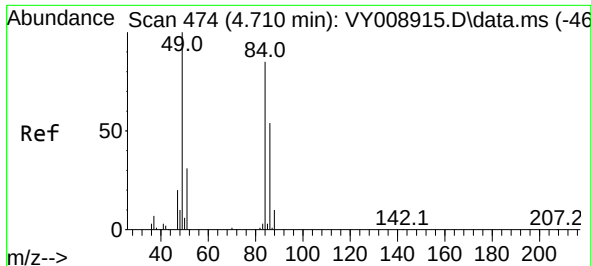
Tgt Ion:168 Resp: 112988
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#16
Acetone
Concen: 45.998 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

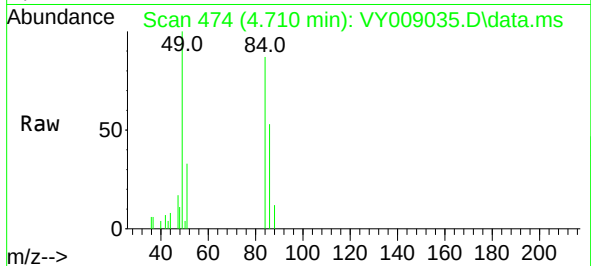
Tgt Ion: 43 Resp: 11134
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0



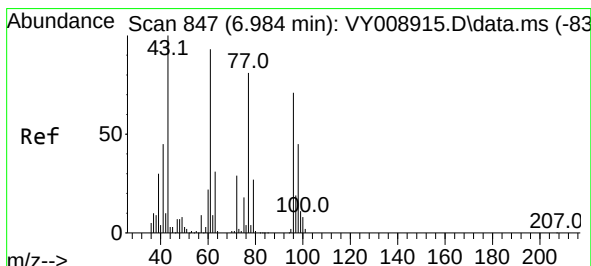
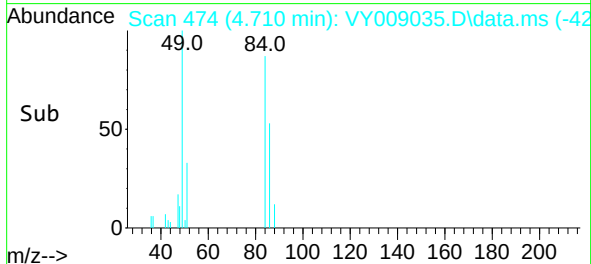
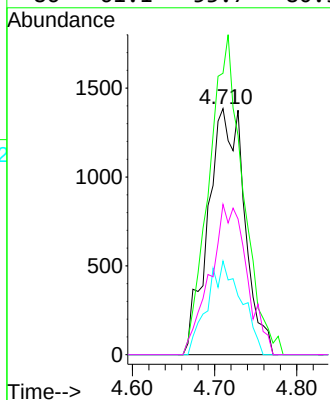


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1218-01

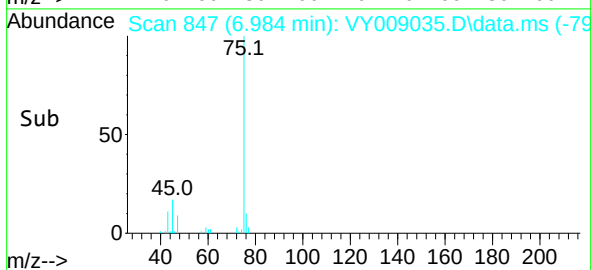
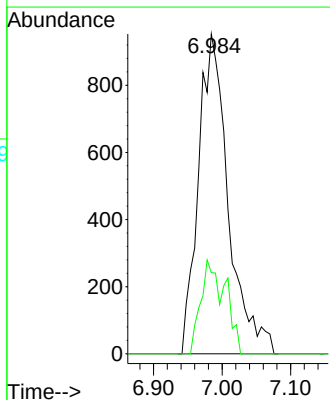
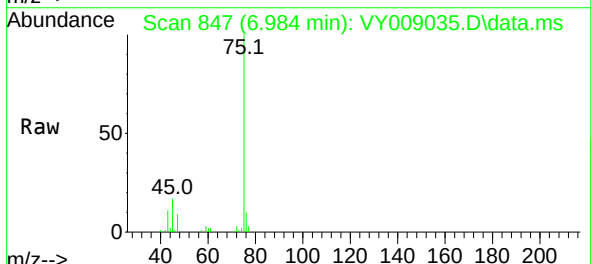


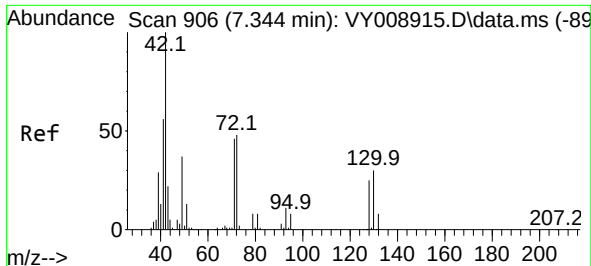
Tgt Ion: 84 Resp: 4255
Ion Ratio Lower Upper
84 100
49 114.4 114.4 171.6#
51 38.1 35.3 52.9
86 61.1 53.7 80.5



#25
2-Butanone
Concen: 6.687 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

Tgt Ion: 43 Resp: 2891
Ion Ratio Lower Upper
43 100
72 25.4 17.7 26.5





#29

Tetrahydrofuran

Concen: 2.237 ug/l

RT: 7.350 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY009035.D

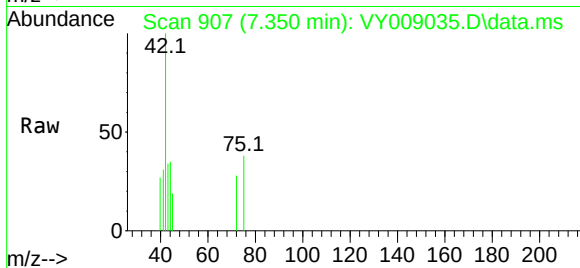
Acq: 24 May 2022 03:11

Instrument :

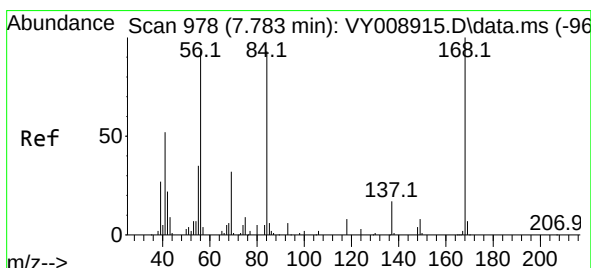
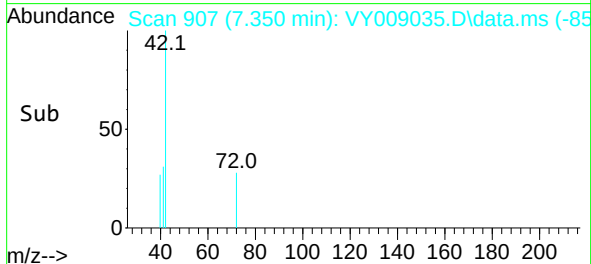
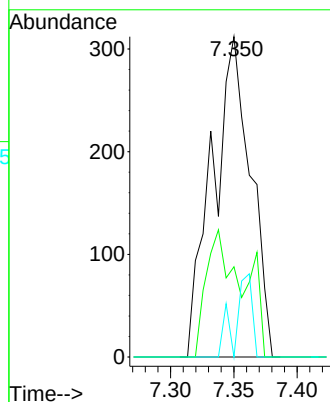
MSVOA_Y

ClientSampleId :

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Tgt Ion:	42	Resp:	657
Ion Ratio	Lower	Upper	
42	100		
72	38.4	30.3	45.5
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 1.356 ug/l

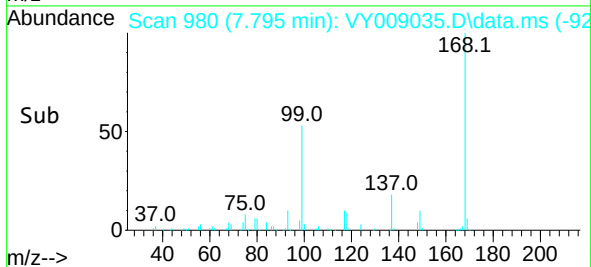
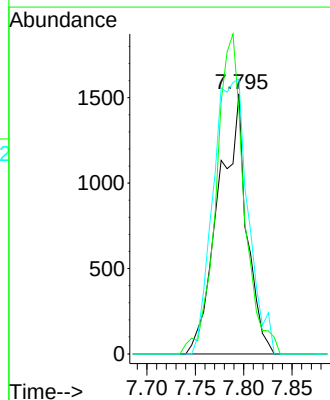
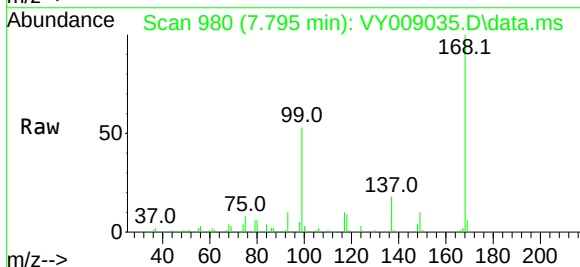
RT: 7.795 min Scan# 980

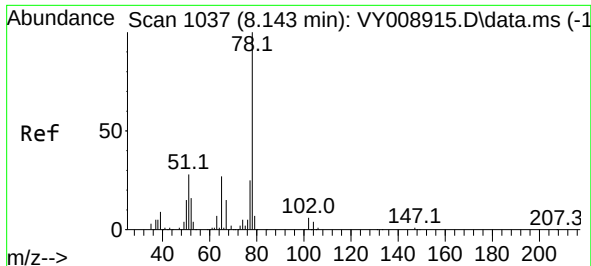
Delta R.T. 0.012 min

Lab File: VY009035.D

Acq: 24 May 2022 03:11

Tgt Ion:	56	Resp:	3084
Ion Ratio	Lower	Upper	
56	100		
69	93.4	26.7	40.1#
84	105.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.646 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009035.D

Acq: 24 May 2022 03:11

Instrument :

MSVOA_Y

ClientSampleId :

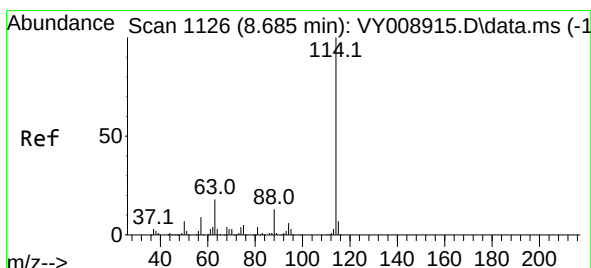
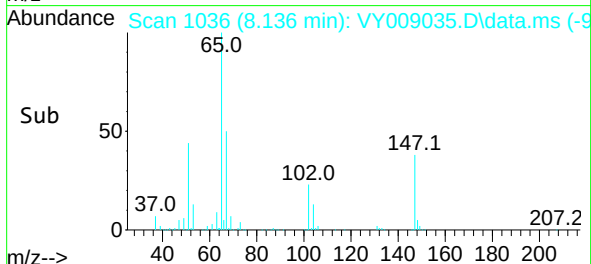
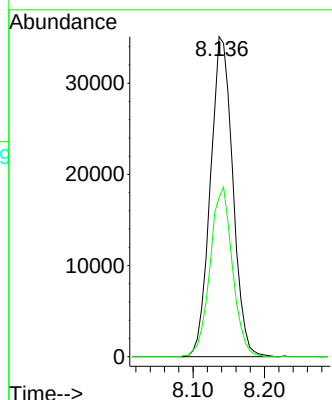
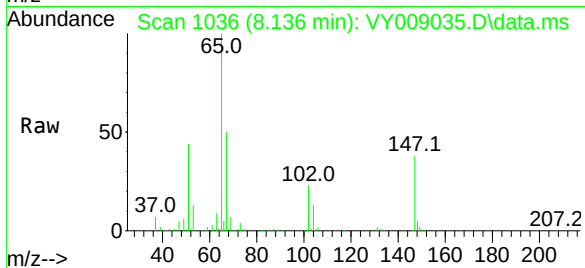
P036-SS001-1218-01

Tgt Ion: 65 Resp: 76337

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009035.D

Acq: 24 May 2022 03:11

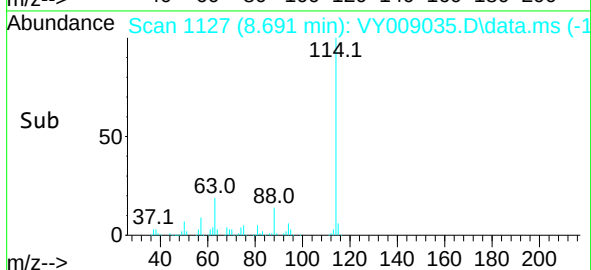
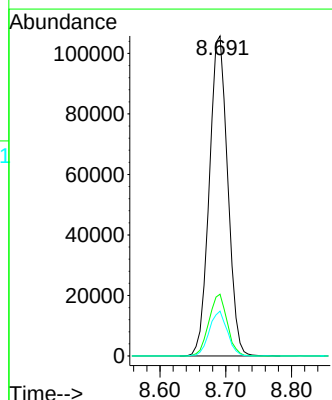
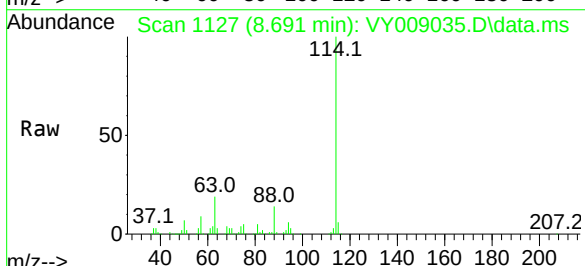
Tgt Ion: 114 Resp: 205735

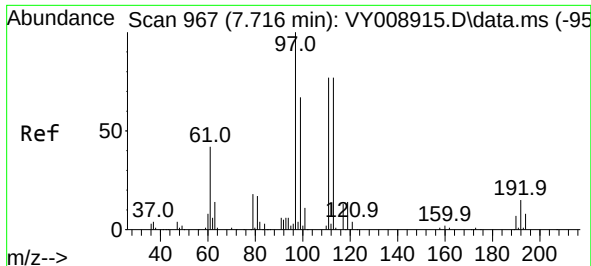
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.0 0.0 31.8

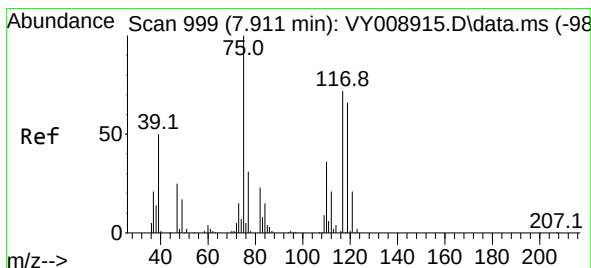
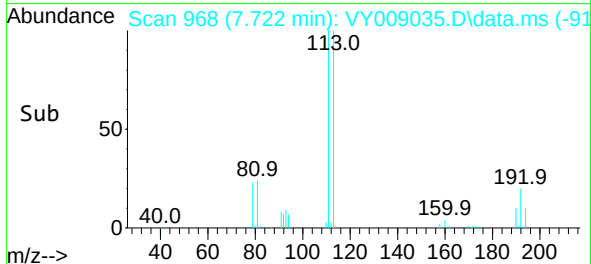
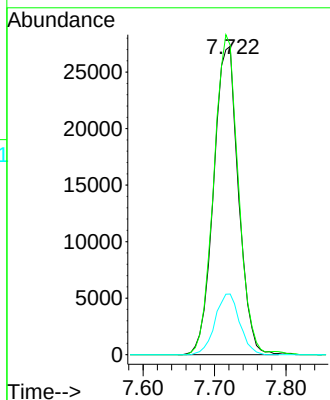
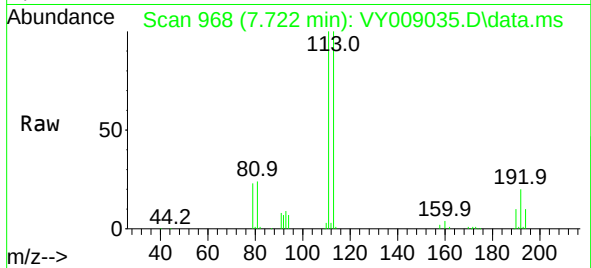




#35
Dibromofluoromethane
Concen: 51.433 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

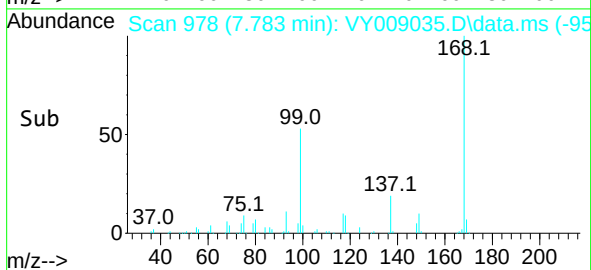
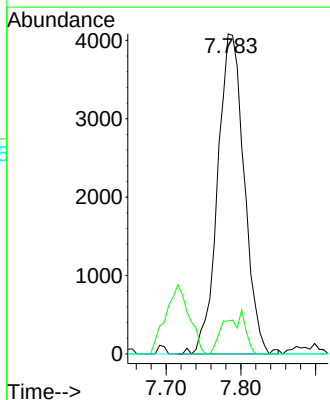
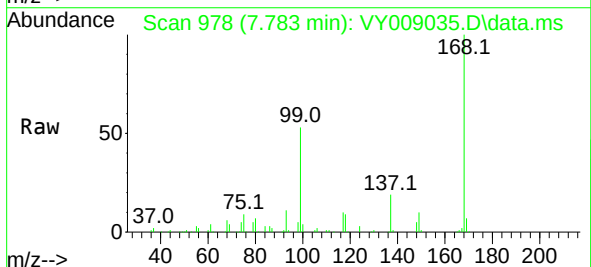
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1218-01

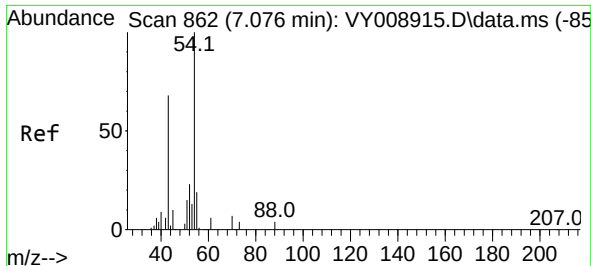
Tgt Ion:113 Resp: 65801
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

Tgt Ion: 75 Resp: 10067
Ion Ratio Lower Upper
75 100
110 10.6 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.560 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.092 min

Lab File: VY009035.D

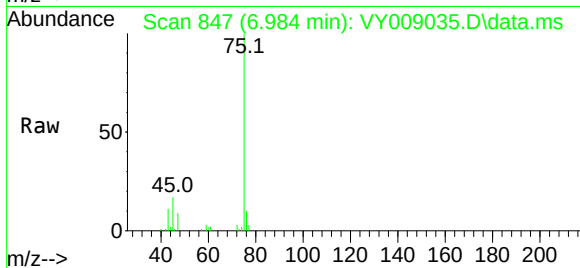
Acq: 24 May 2022 03:11

Instrument :

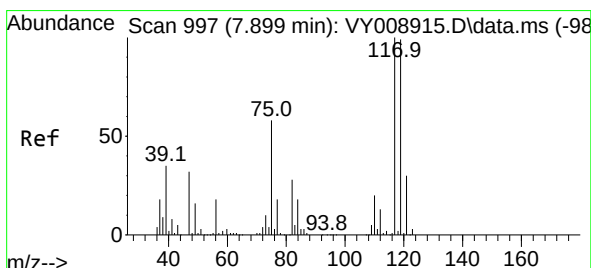
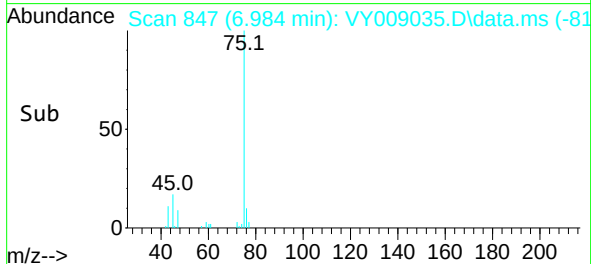
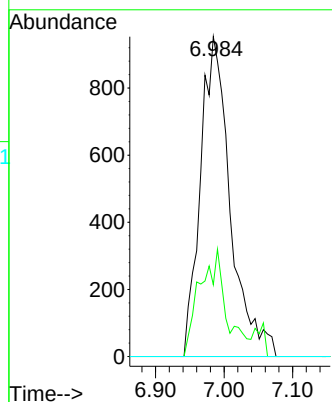
MSVOA_Y

ClientSampleId :

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Tgt Ion:	43	Resp:	2891
Ion	Ratio	Lower	Upper
43	100		
61	30.4	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.248 ug/l

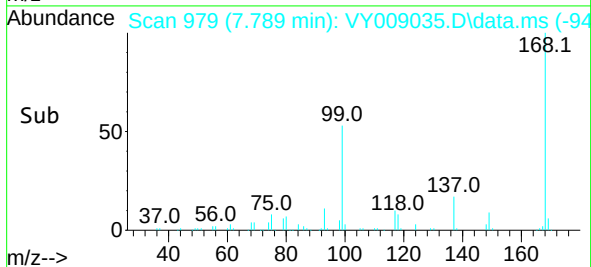
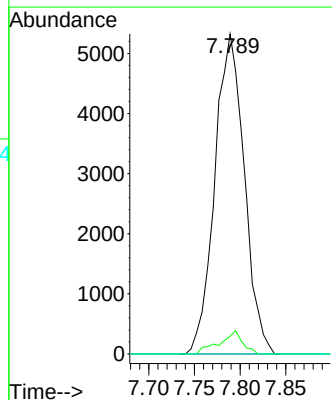
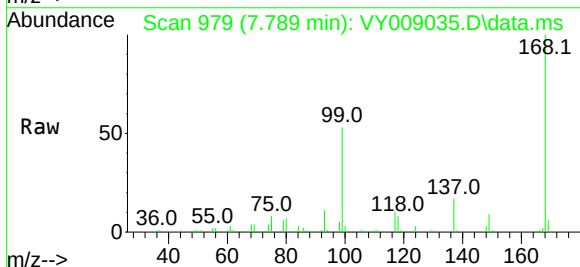
RT: 7.789 min Scan# 979

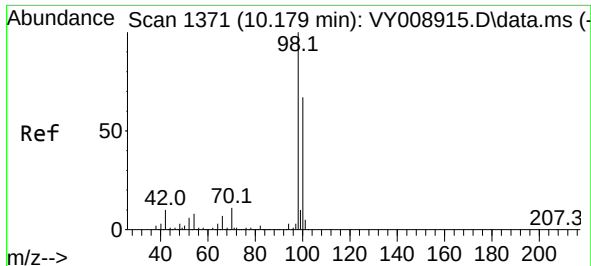
Delta R.T. -0.110 min

Lab File: VY009035.D

Acq: 24 May 2022 03:11

Tgt Ion:	117	Resp:	11953
Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.9	116.9#
121	0.0	24.8	37.2#

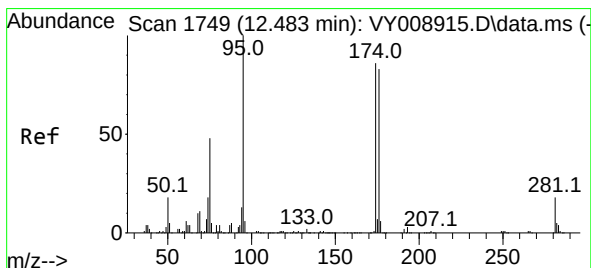
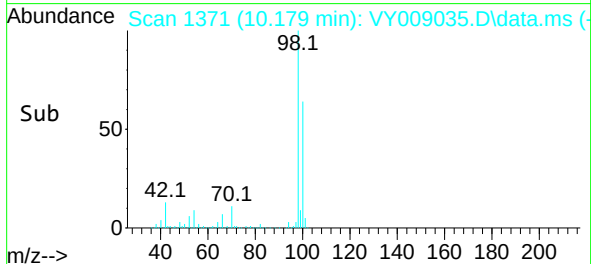
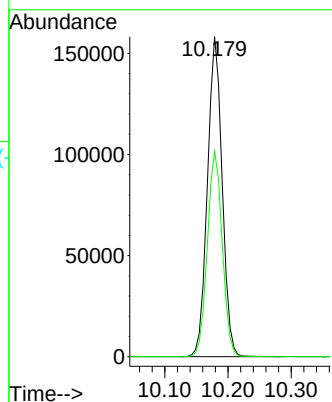
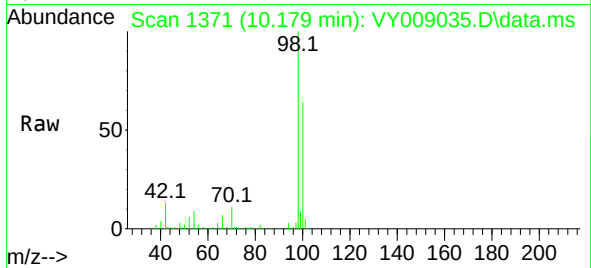




#50
Toluene-d8
Concen: 54.300 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

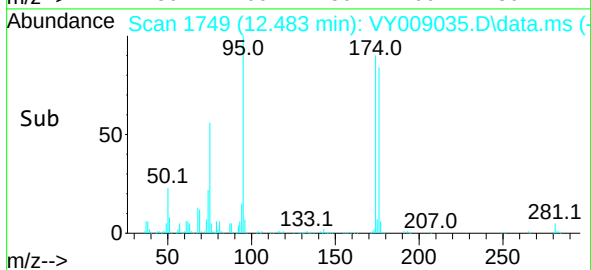
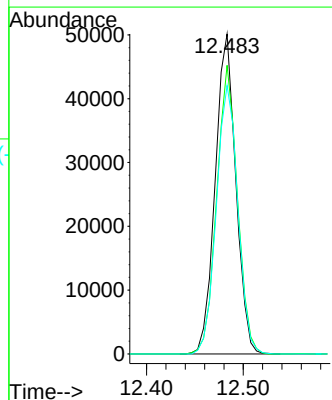
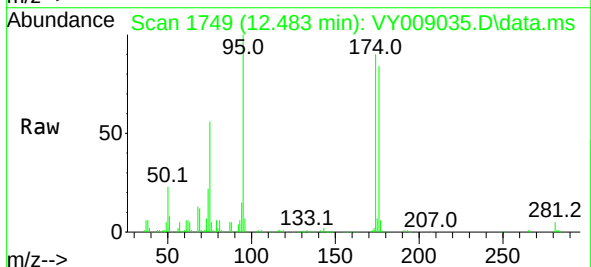
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1218-01

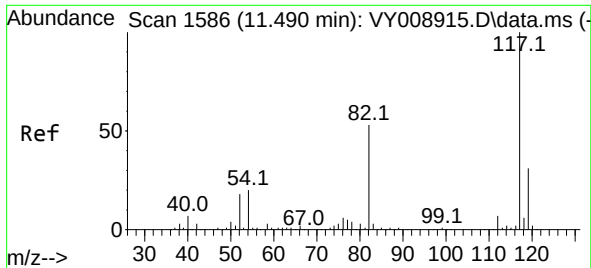
Tgt Ion: 98 Resp: 256281
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

Tgt Ion: 95 Resp: 74055
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 87.5 0.0 175.8

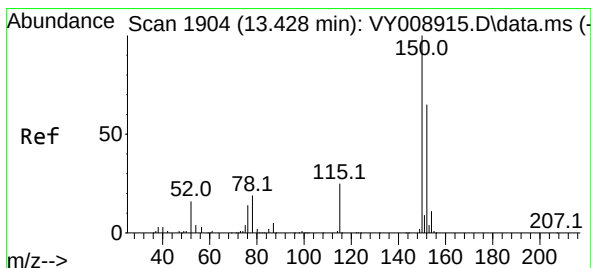
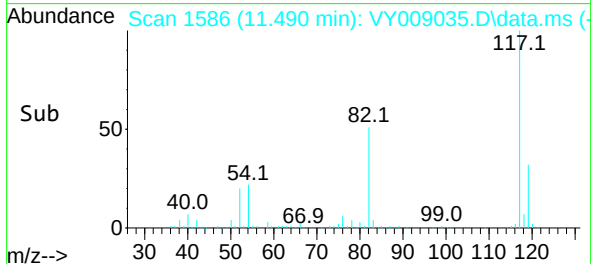
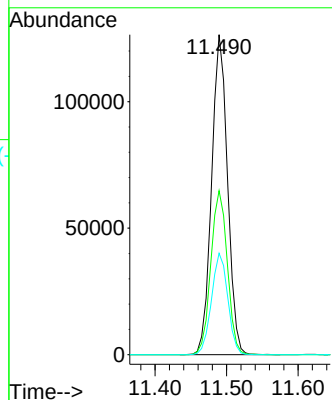
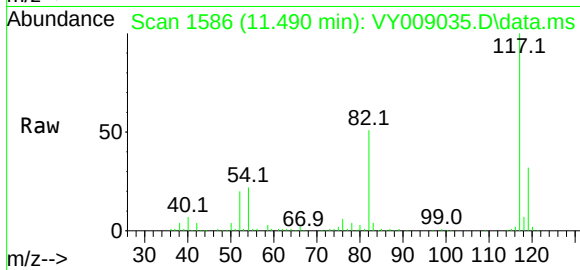




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

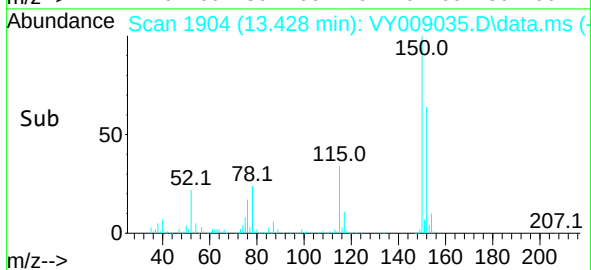
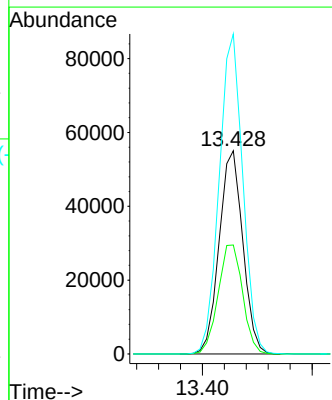
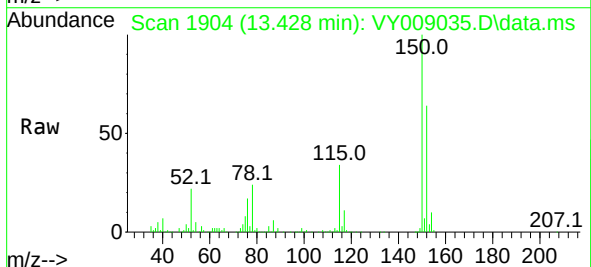
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1218-01

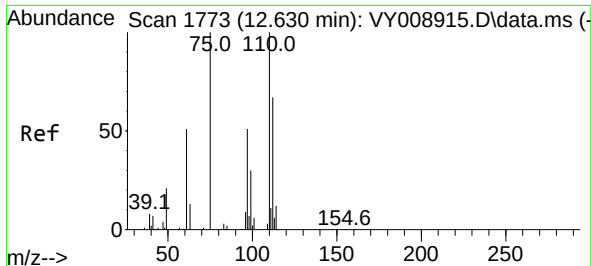
Tgt Ion:117 Resp: 195354
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

Tgt Ion:152 Resp: 82581
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.7 0.0 347.6

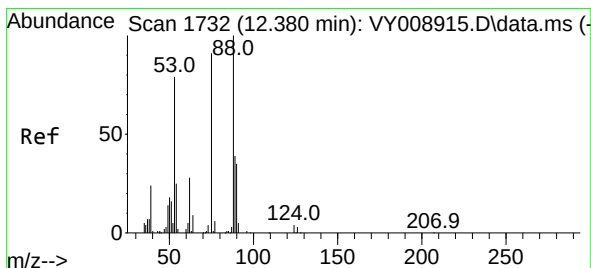
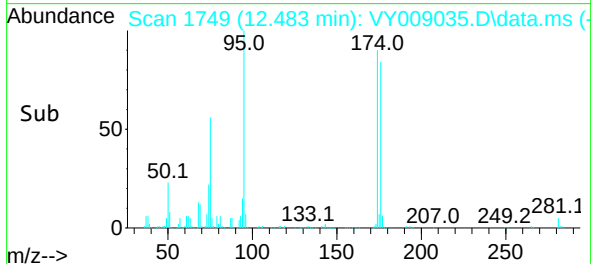
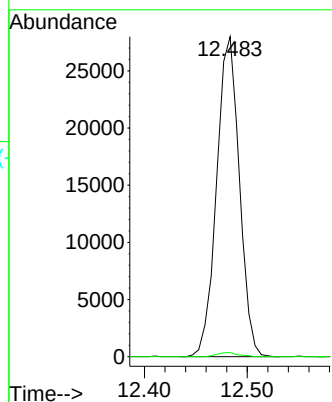
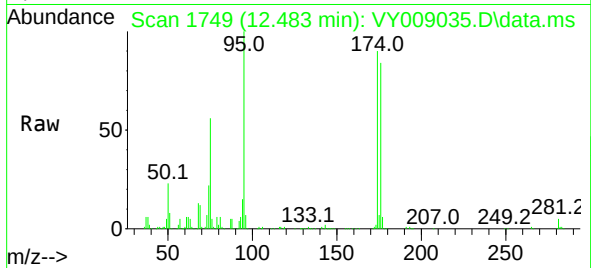




#76
1,2,3-Trichloropropane
Concen: 48.399 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1218-01

Tgt Ion: 75 Resp: 42921
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.338 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009035.D
Acq: 24 May 2022 03:11

Tgt Ion: 75 Resp: 42921
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

