

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011126.D
 Acq On : 26 Oct 2022 18:59
 Operator : KP/MD
 Sample : N5269-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-102422RE

Quant Time: Oct 27 04:40:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	276431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	495407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	425563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108132	42.466	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.940%
35) Dibromofluoromethane	7.716	113	118370	42.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.080%
50) Toluene-d8	10.179	98	325486	31.466	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.940%
62) 4-Bromofluorobenzene	12.477	95	126724	33.575	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	3575	Below Cal	#	77
16) Acetone	3.942	43	3102	4.195	ug/l #	82
18) Methyl Acetate	4.472	43	257	Below Cal	#	56
25) 2-Butanone	6.972	43	2968	2.647	ug/l #	90
31) Cyclohexane	7.783	56	5459	1.120	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	21554	4.674	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28126	5.908	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	62782	29.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62782	64.021	ug/l #	7

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

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QLast Update : Tue Oct 18 01:42:42 2022
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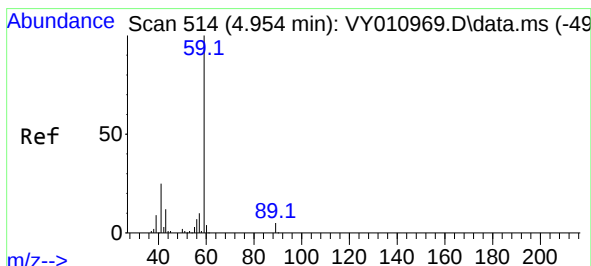
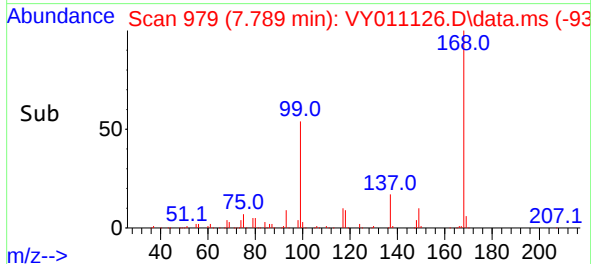
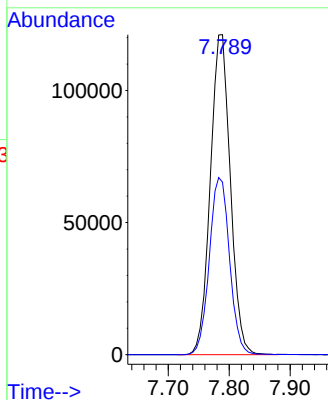
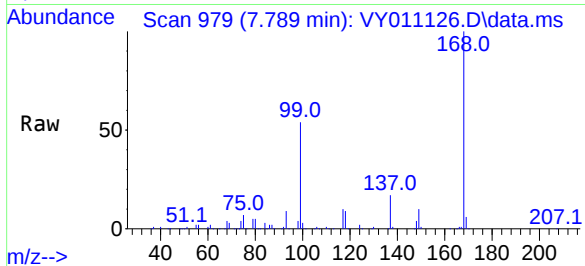




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

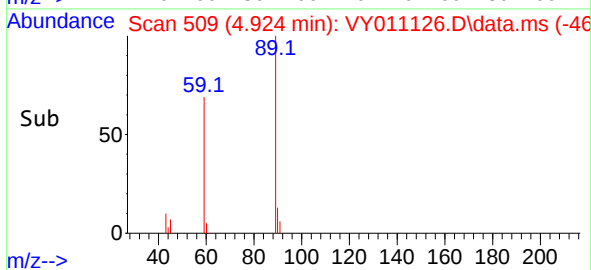
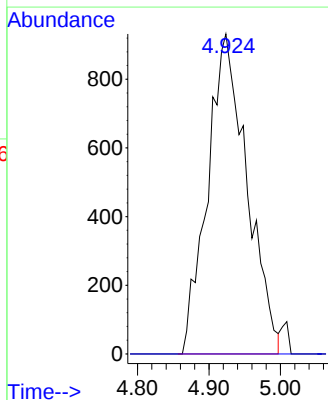
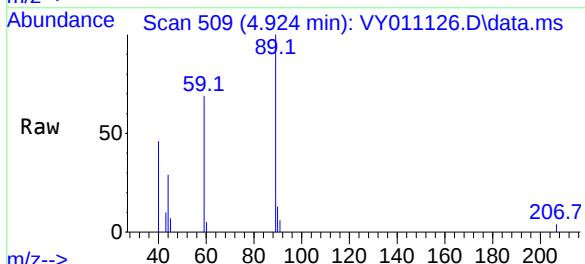
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-102422RE

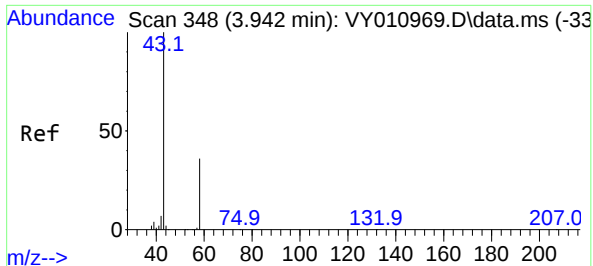
Tgt Ion:168 Resp: 276431
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

Tgt Ion: 59 Resp: 3575
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

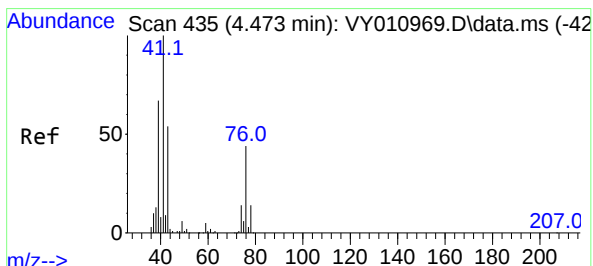
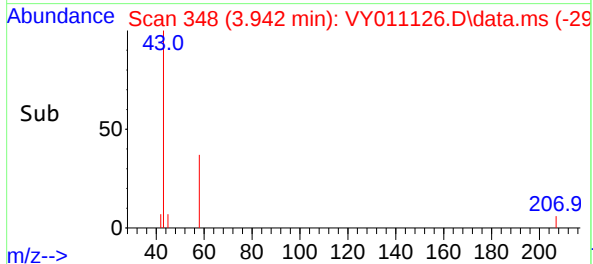
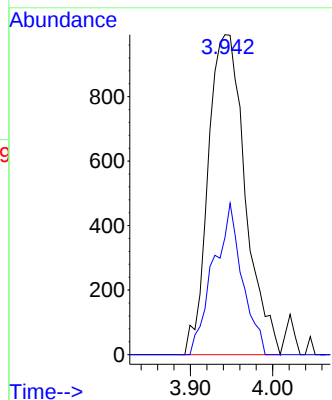
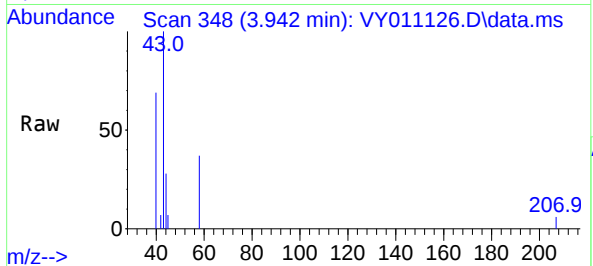




#16
Acetone
Concen: 4.195 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

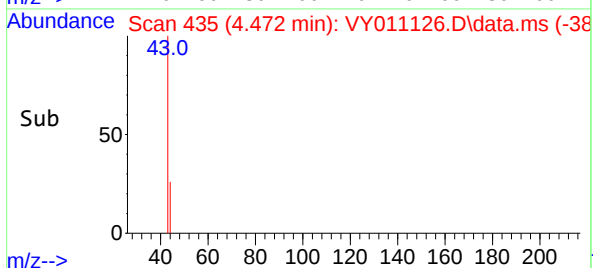
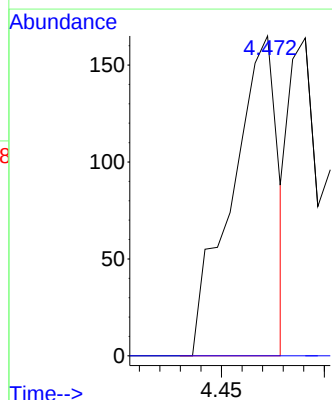
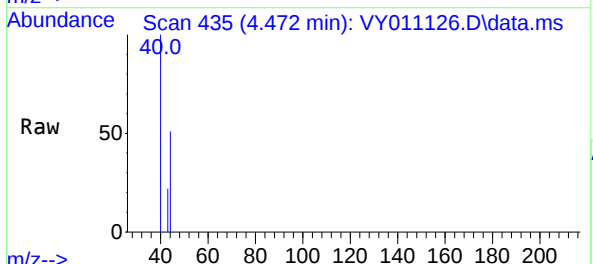
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-102422RE

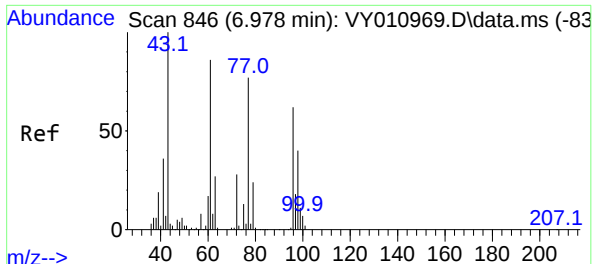
Tgt Ion: 43 Resp: 3102
Ion Ratio Lower Upper
43 100
58 36.7 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

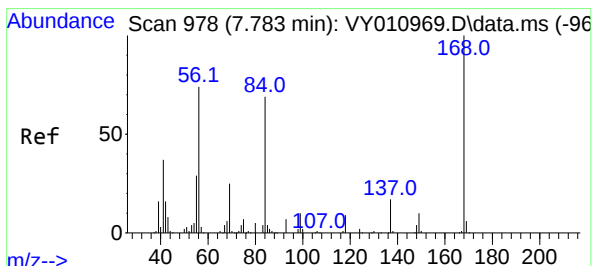
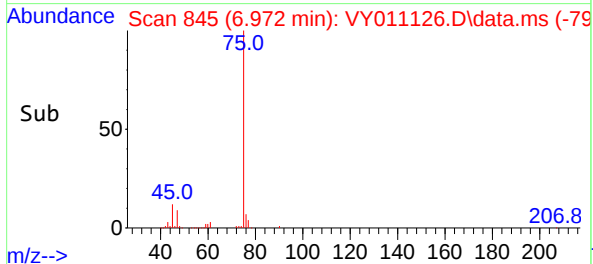
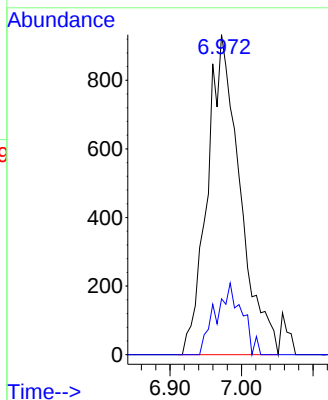
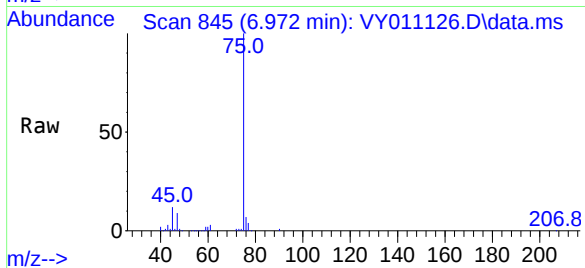




#25
2-Butanone
Concen: 2.647 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

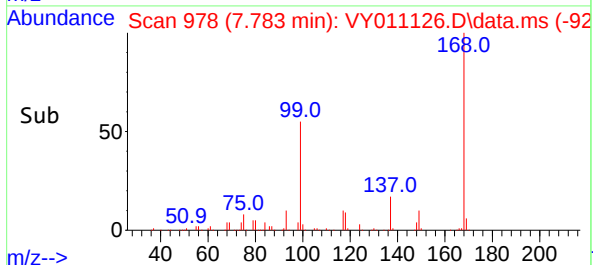
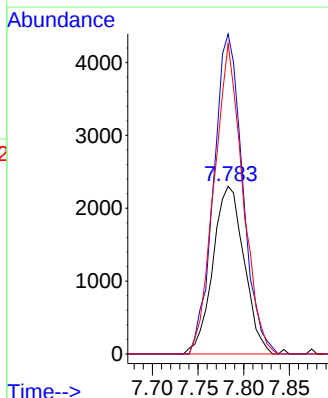
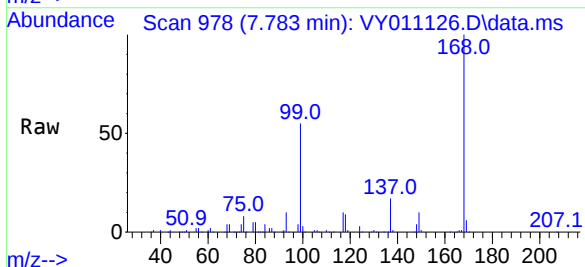
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-102422RE

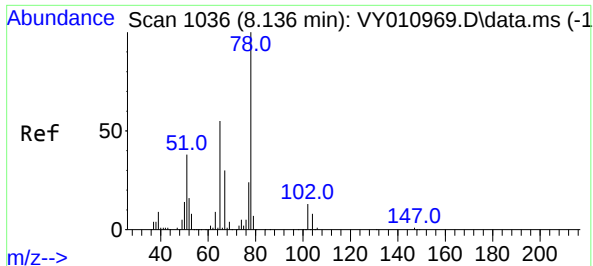
Tgt Ion: 43 Resp: 2968
Ion Ratio Lower Upper
43 100
72 17.5 17.7 26.5#



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

Tgt Ion: 56 Resp: 5459
Ion Ratio Lower Upper
56 100
69 190.9 26.7 40.1#
84 185.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 42.466 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011126.D

Acq: 26 Oct 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

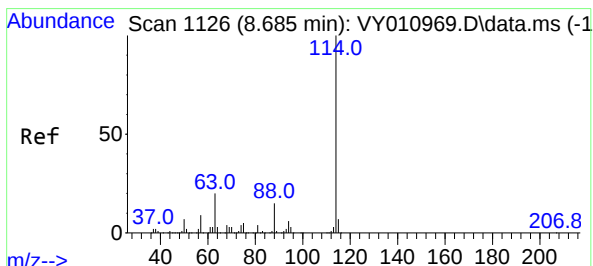
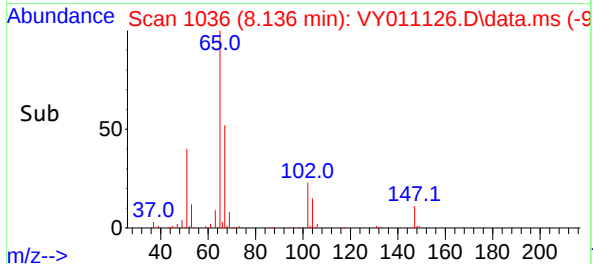
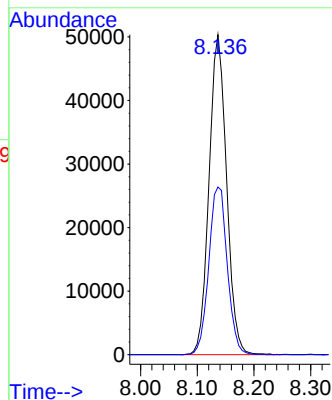
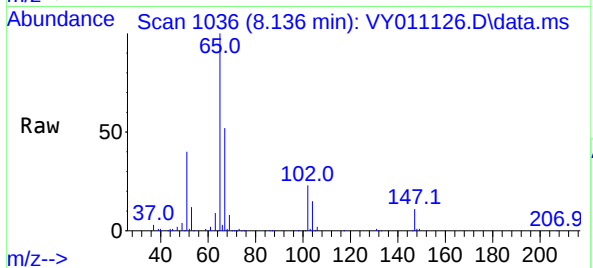
SU-03-102422RE

Tgt Ion: 65 Resp: 108132

Ion Ratio Lower Upper

65 100

67 55.3 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: VY011126.D

Acq: 26 Oct 2022 18:59

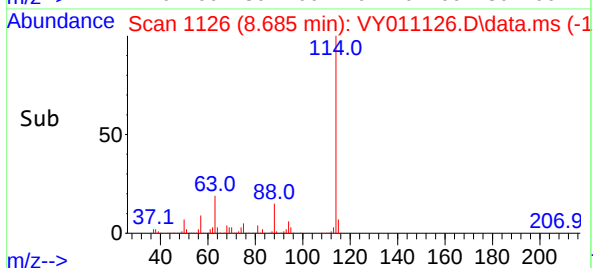
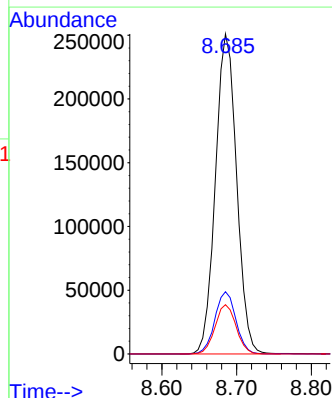
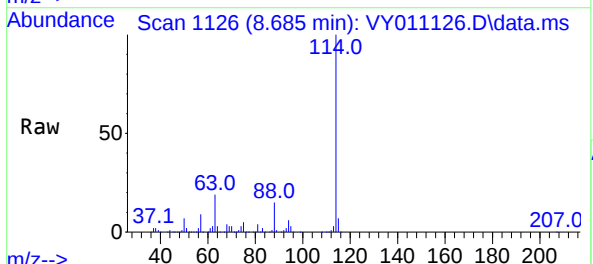
Tgt Ion: 114 Resp: 495407

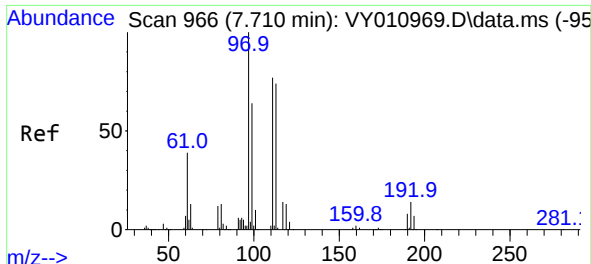
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.4 0.0 31.8

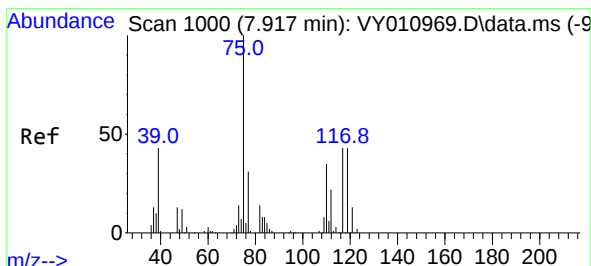
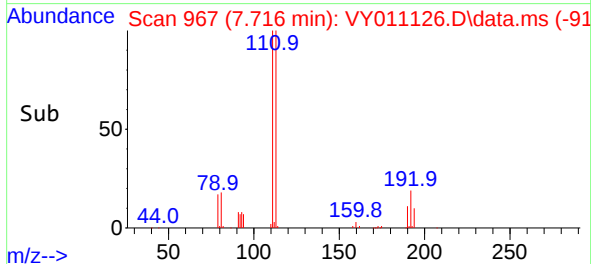
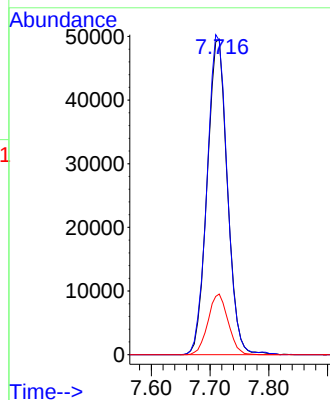
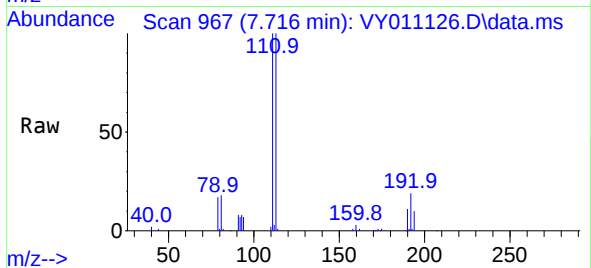




#35
Dibromofluoromethane
Concen: 42.542 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

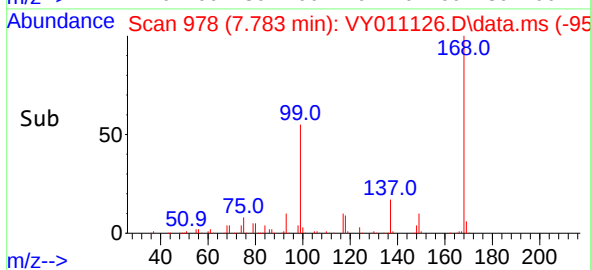
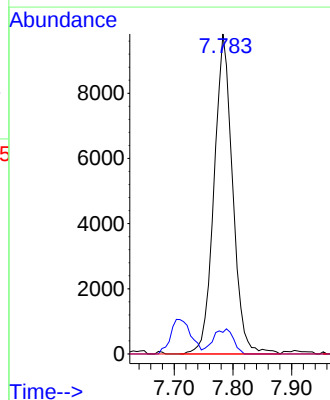
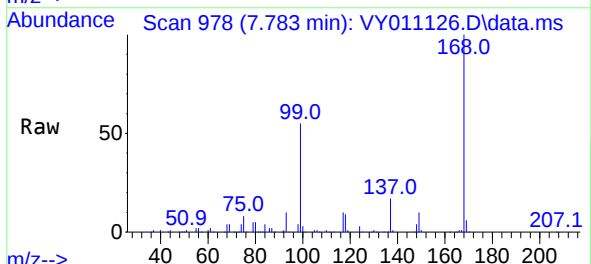
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-102422RE

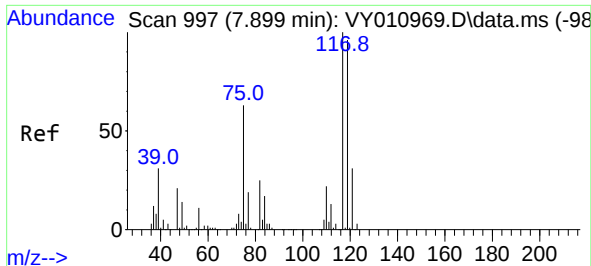
Tgt Ion:113 Resp: 118370
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

Tgt Ion: 75 Resp: 21554
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

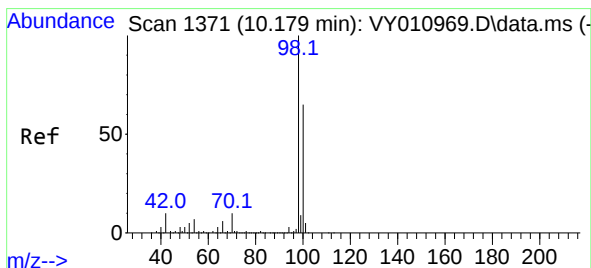
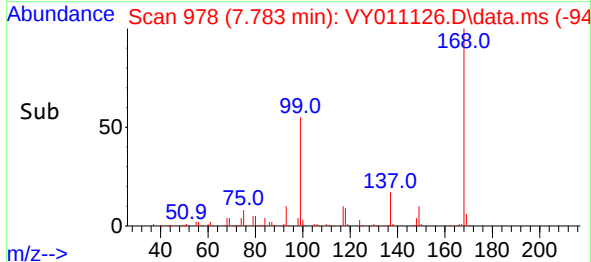
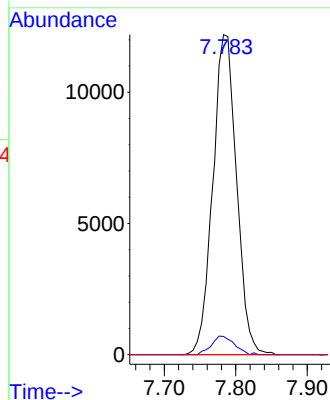
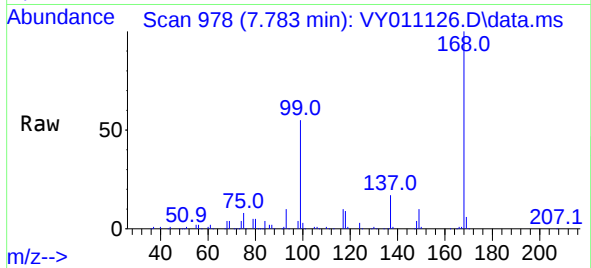




#38
Carbon Tetrachloride
Concen: 5.908 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

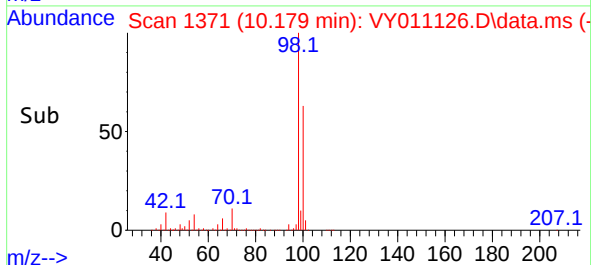
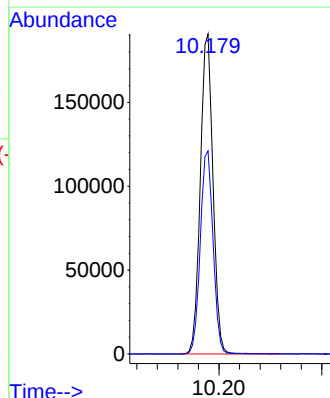
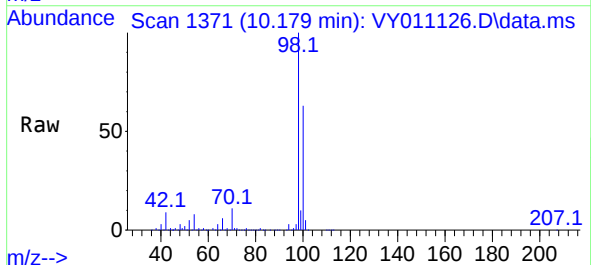
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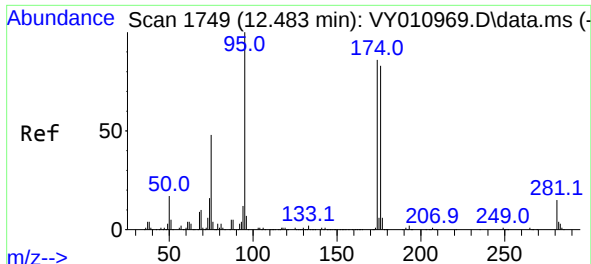
Tgt Ion:117 Resp: 28126
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 31.466 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

Tgt Ion: 98 Resp: 325486
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

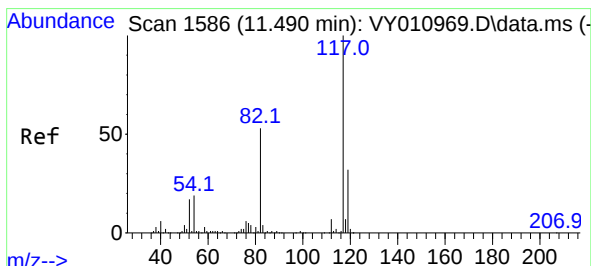
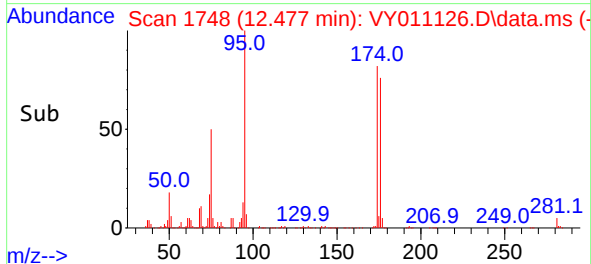
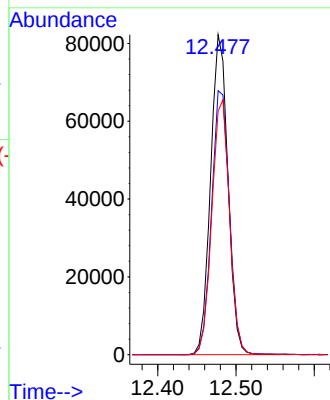
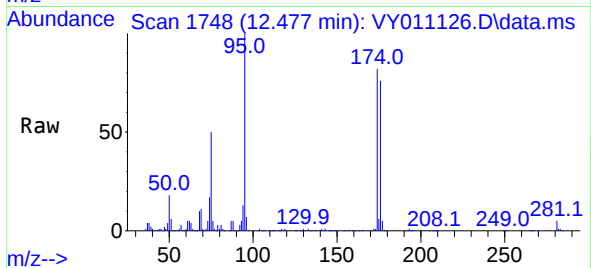




#62
4-Bromofluorobenzene
Concen: 33.575 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

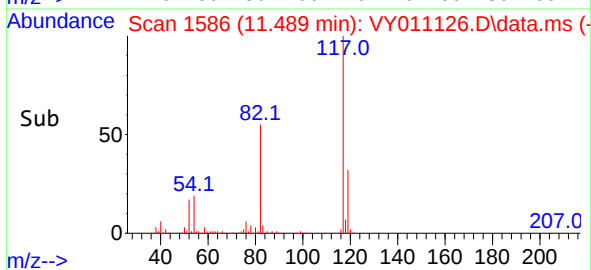
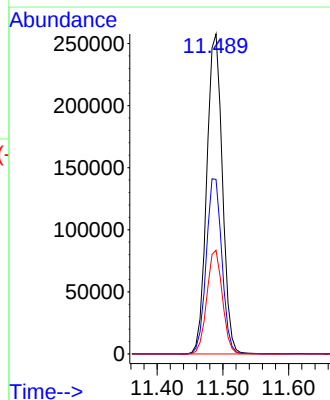
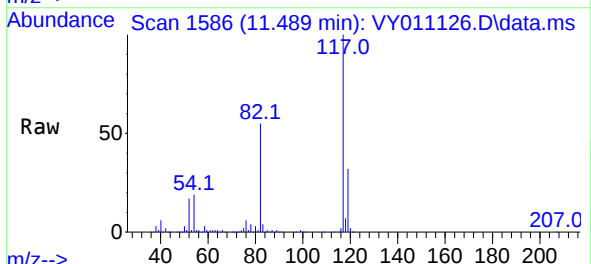
Instrument :
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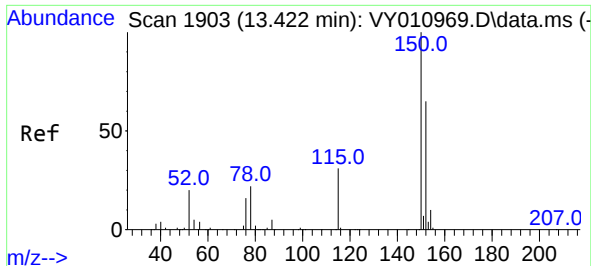
Tgt Ion: 95 Resp: 126724
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

Tgt Ion: 117 Resp: 425563
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.4 25.4 38.0

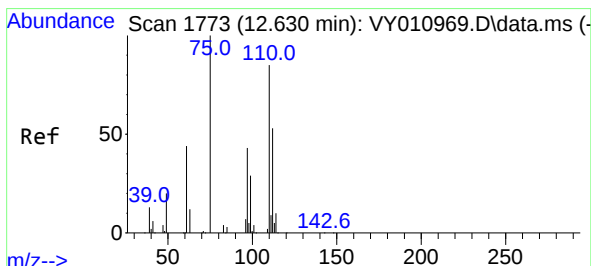
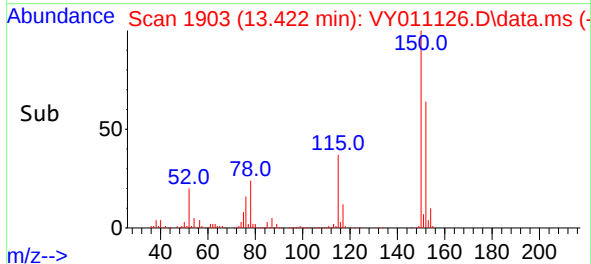
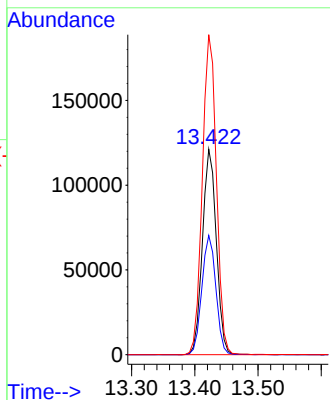
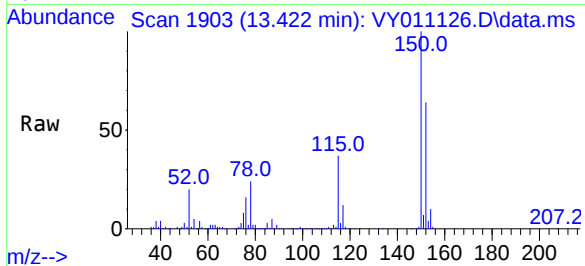




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

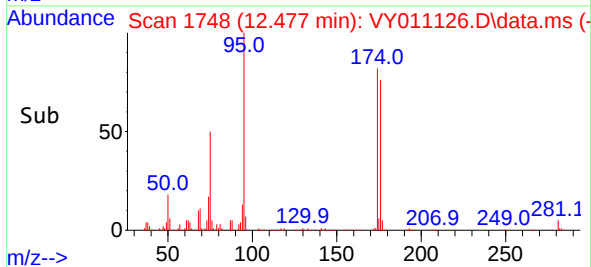
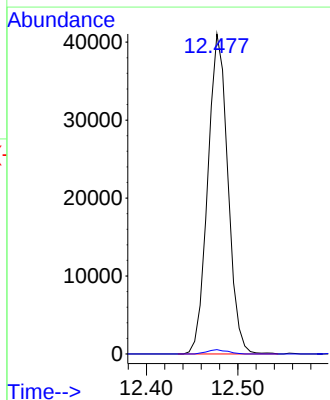
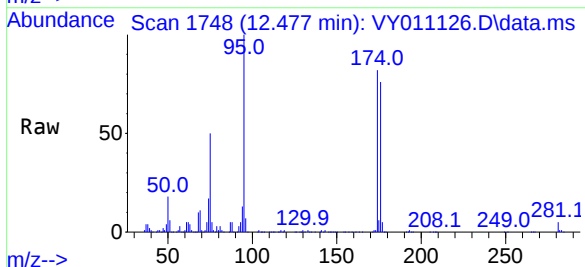
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-102422RE

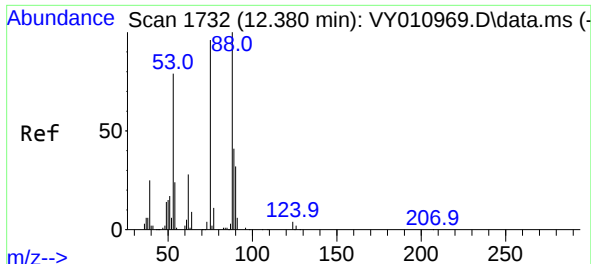
Tgt Ion:152 Resp: 185772
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 157.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 29.767 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011126.D
Acq: 26 Oct 2022 18:59

Tgt Ion: 75 Resp: 62782
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.021 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011126.D
 Acq: 26 Oct 2022 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-102422RE

Tgt Ion: 75 Resp: 62782
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

