

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078388.D
 Acq On : 09 Feb 2024 16:31
 Operator : RP/MD
 Sample : P1394-03RE
 Misc : 4.47G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(4-5)RE

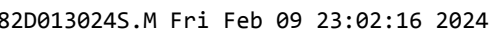
Quant Time: Feb 09 23:02:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

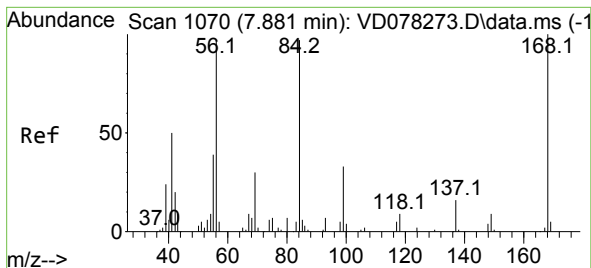
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	95463	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	219846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57749	48.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.740%
35) Dibromofluoromethane	7.804	113	70572	45.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.180%
50) Toluene-d8	10.269	98	291887	49.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.569	95	97777	55.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.199	85	57	Below Cal	#	43
11) Tert butyl alcohol	5.028	59	92	1.220	ug/l #	73
16) Acetone	4.028	43	1451	Below Cal		87
20) Methylene Chloride	4.799	84	7702	2.694	ug/l #	74
25) 2-Butanone	7.087	43	2454	6.232	ug/l #	81
31) Cyclohexane	7.869	56	2904	1.312	ug/l #	31
36) 1,1-Dichloropropene	7.869	75	9403	3.623	ug/l #	46
38) Carbon Tetrachloride	7.869	117	11227	4.399	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	53633	46.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	53633	91.835	ug/l #	17

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

Quant Time: Feb 09 23:02:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078388.D

Acq: 09 Feb 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

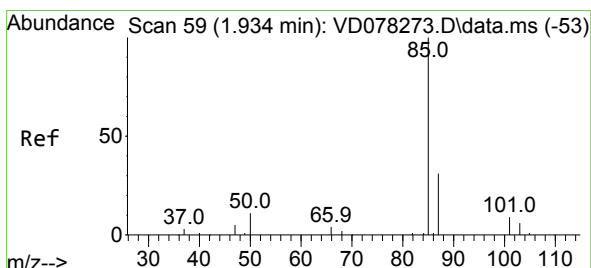
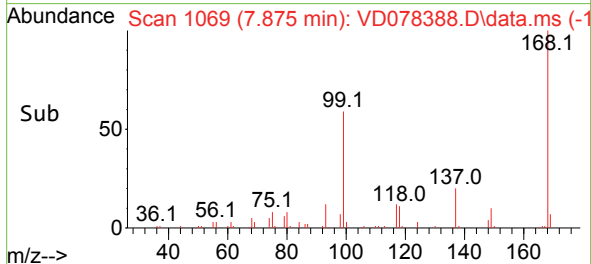
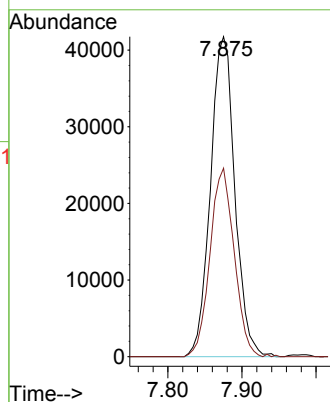
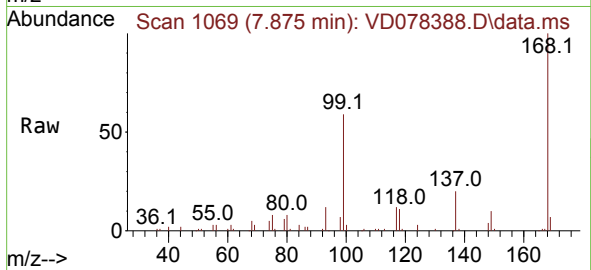
SB-3(4-5)RE

Tgt Ion:168 Resp: 95463

Ion Ratio Lower Upper

168 100

99 58.9 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.199 min Scan# 104

Delta R.T. 0.265 min

Lab File: VD078388.D

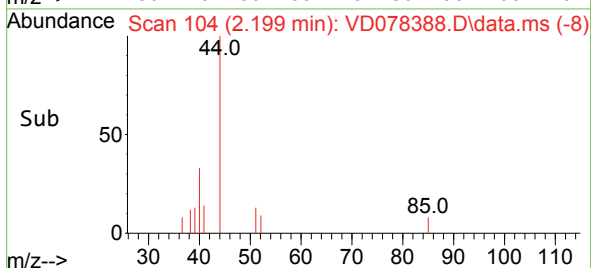
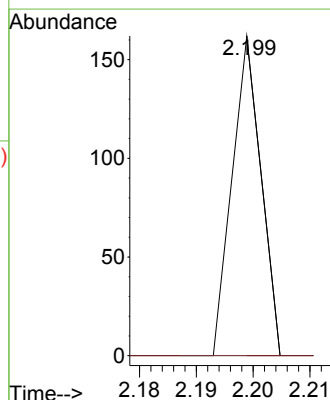
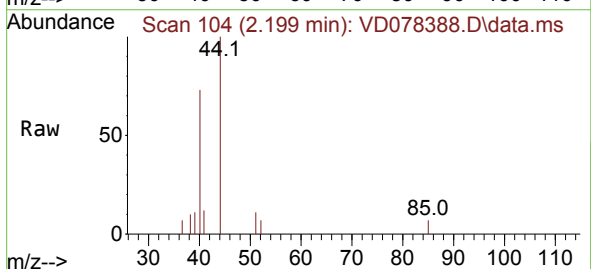
Acq: 09 Feb 2024 16:31

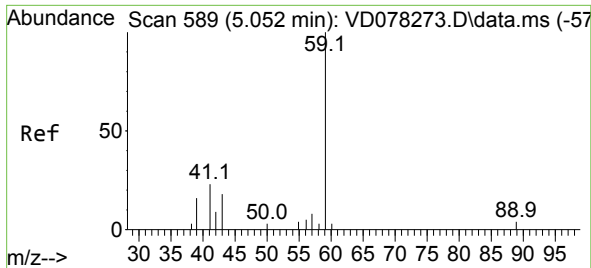
Tgt Ion: 85 Resp: 57

Ion Ratio Lower Upper

85 100

87 0.0 15.7 47.0#

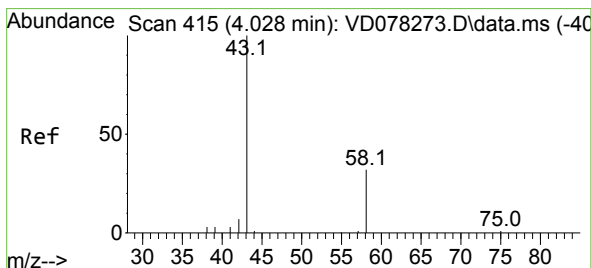
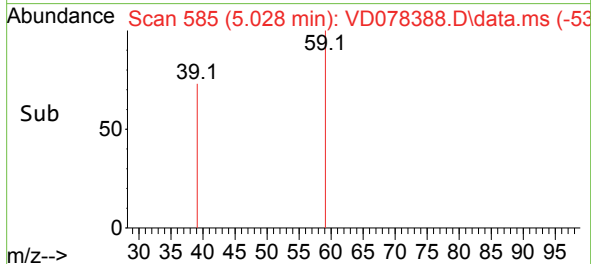
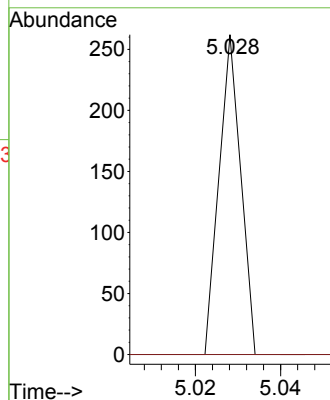
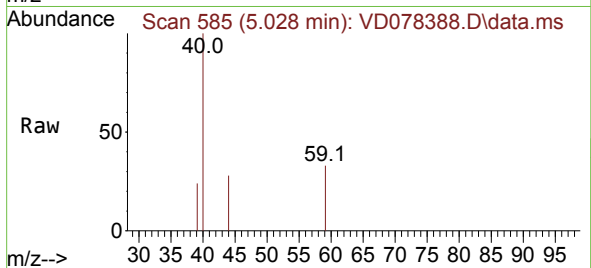




#11
Tert butyl alcohol
Concen: 1.220 ug/l
RT: 5.028 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

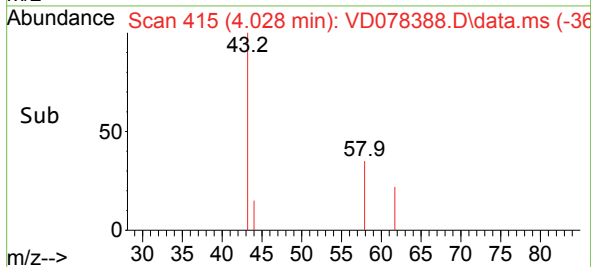
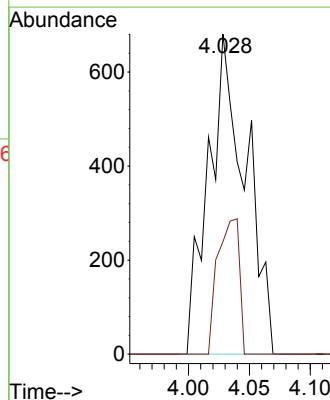
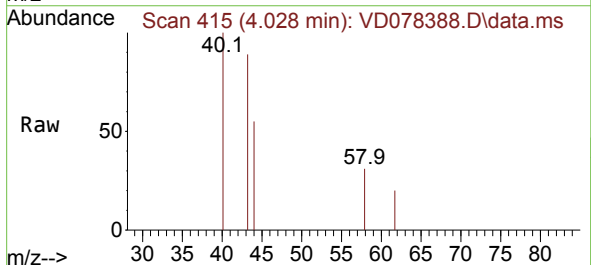
Instrument :
MSVOA_D
ClientSampleId :
SB-3(4-5)RE

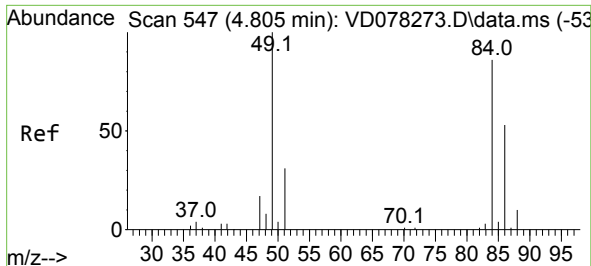
Tgt Ion: 59 Resp: 92
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

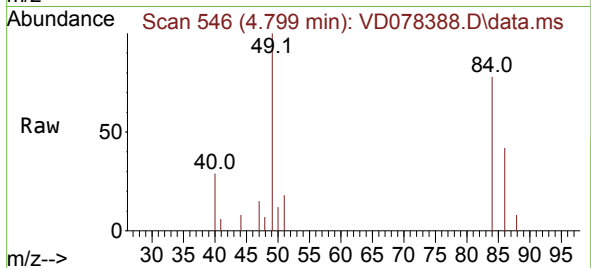
Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
58 35.1 34.7 52.1



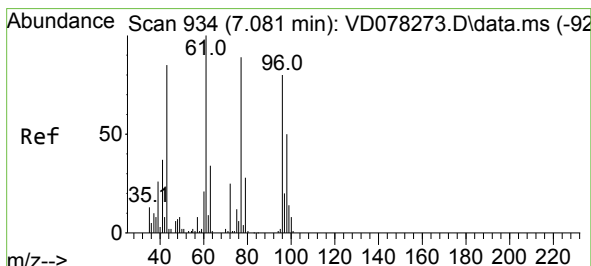
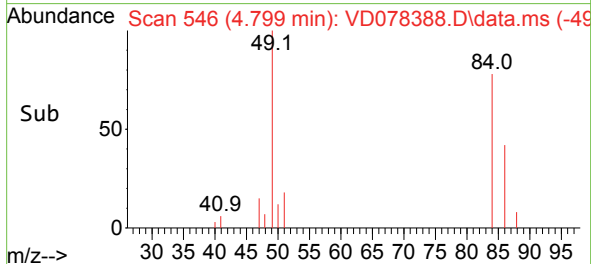
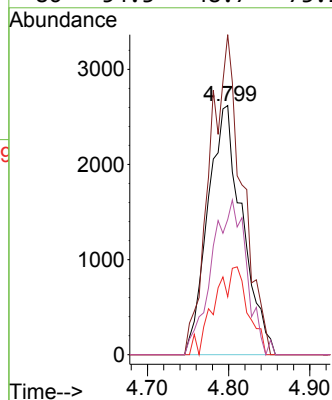


#20
Methylene Chloride
Concen: 2.694 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :
SB-3(4-5)RE

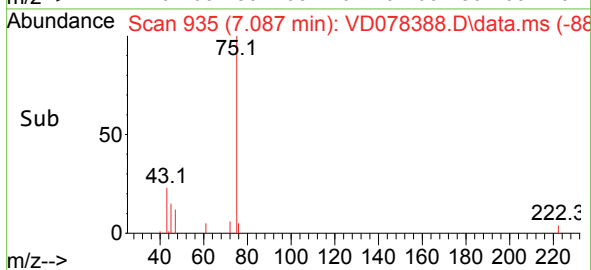
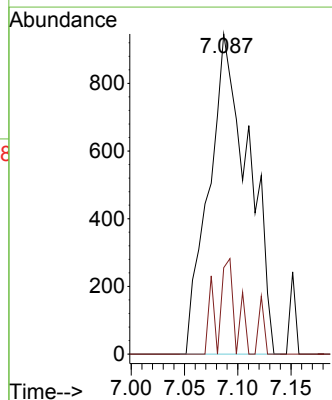
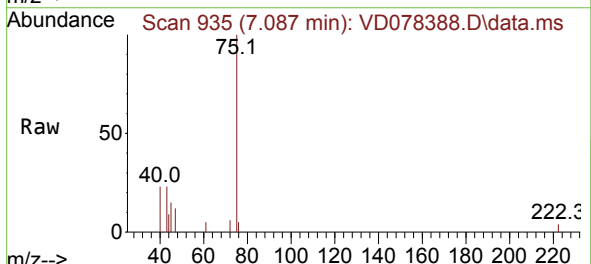


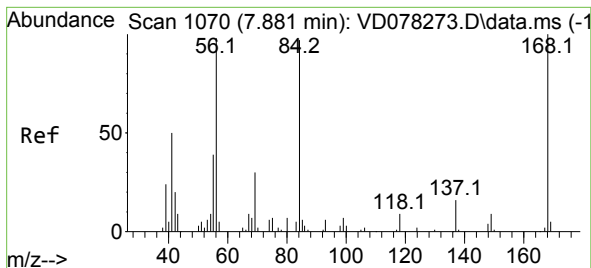
Tgt Ion:	84	Resp:	7702
Ion	Ratio	Lower	Upper
84	100		
49	128.5	71.4	107.2#
51	23.3	24.5	36.7#
86	54.3	48.7	73.1



#25
2-Butanone
Concen: 6.232 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Tgt Ion:	43	Resp:	2454
Ion	Ratio	Lower	Upper
43	100		
72	27.0	30.7	46.1#





#31

Cyclohexane

Concen: 1.312 ug/l

RT: 7.869 min Scan# 1109

Delta R.T. -0.012 min

Lab File: VD078388.D

Acq: 09 Feb 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

SB-3(4-5)RE

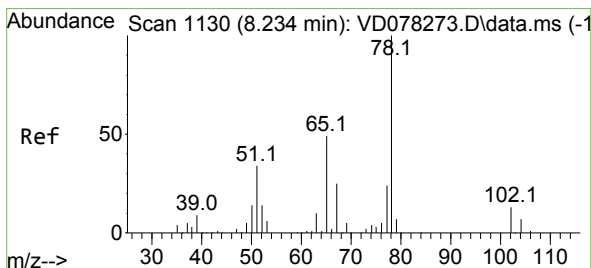
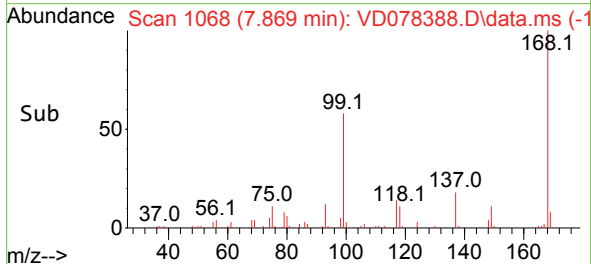
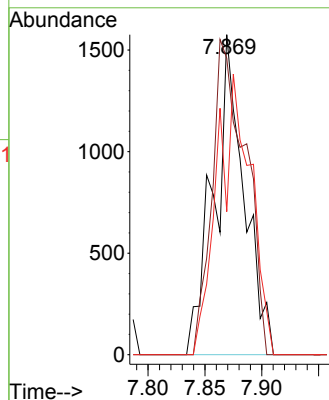
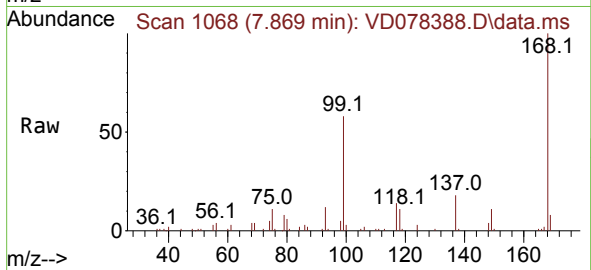
Tgt Ion: 56 Resp: 2904

Ion Ratio Lower Upper

56 100

69 92.6 28.6 43.0#

84 44.7 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 48.867 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078388.D

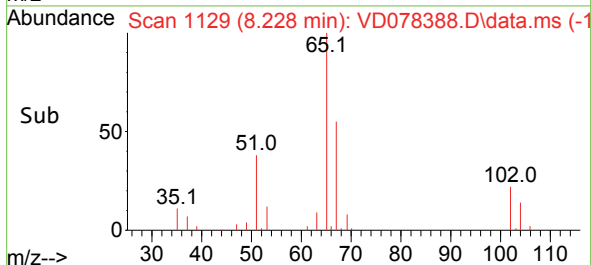
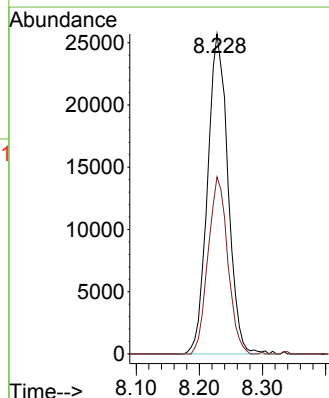
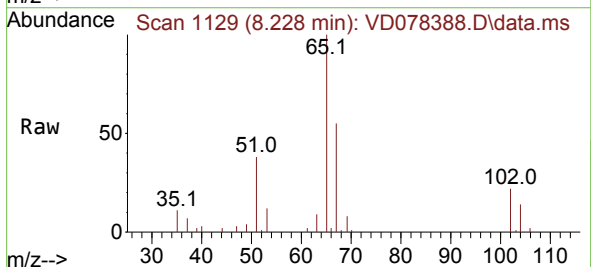
Acq: 09 Feb 2024 16:31

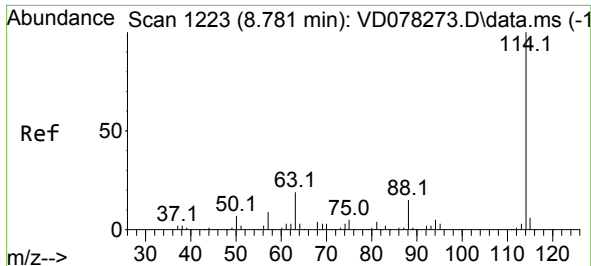
Tgt Ion: 65 Resp: 57749

Ion Ratio Lower Upper

65 100

67 53.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078388.D

Acq: 09 Feb 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

SB-3(4-5)RE

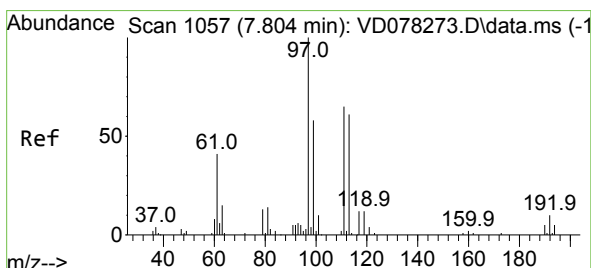
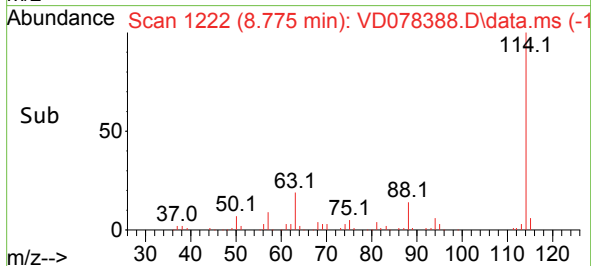
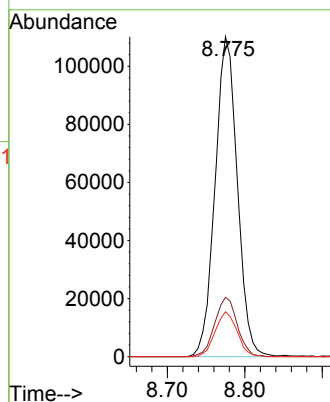
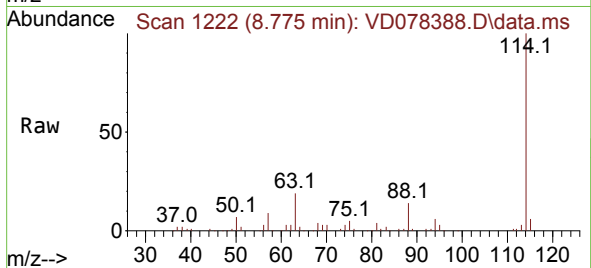
Tgt Ion:114 Resp: 219846

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.090 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078388.D

Acq: 09 Feb 2024 16:31

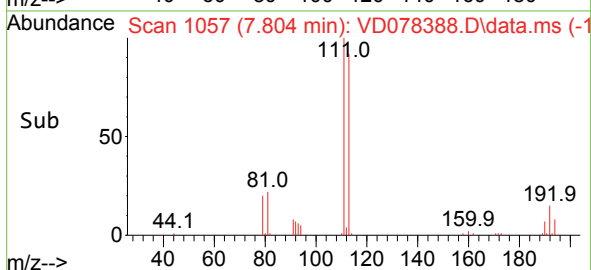
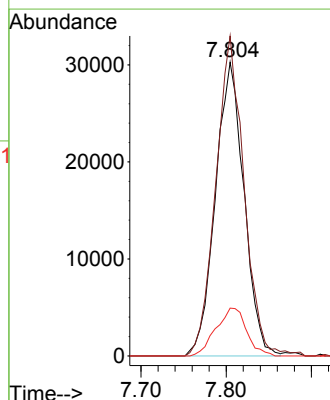
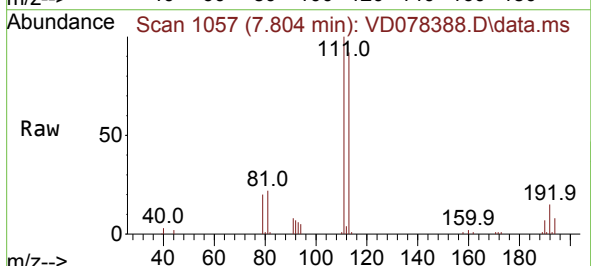
Tgt Ion:113 Resp: 70572

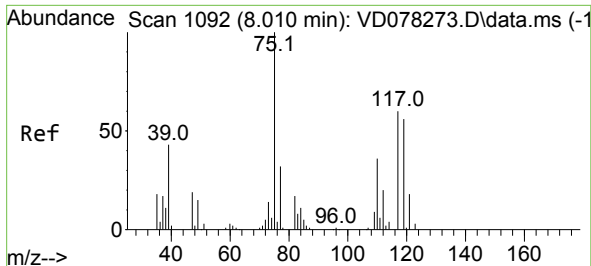
Ion Ratio Lower Upper

113 100

111 107.4 84.7 127.1

192 17.4 16.8 25.2

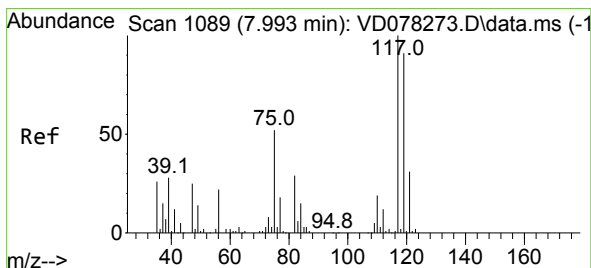
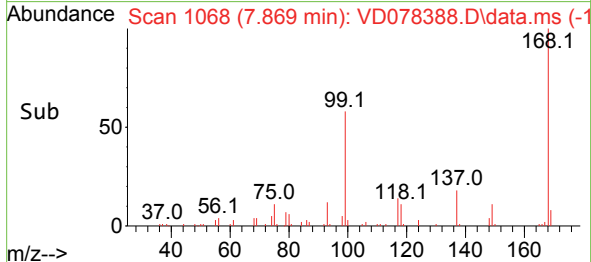
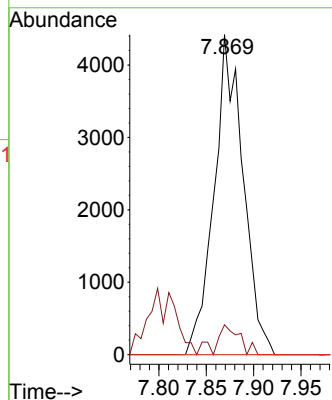
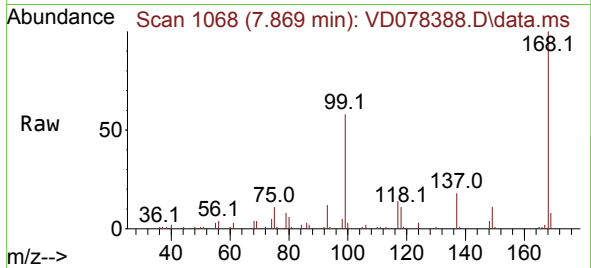




#36
1,1-Dichloropropene
Concen: 3.623 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

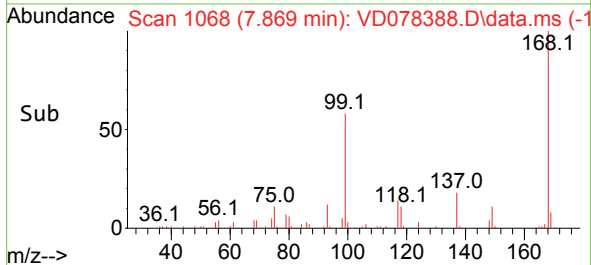
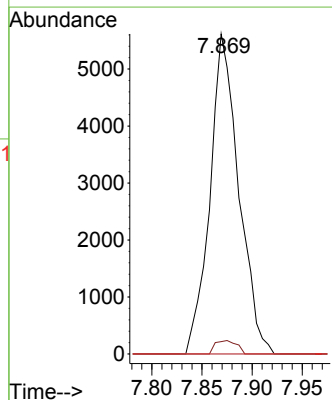
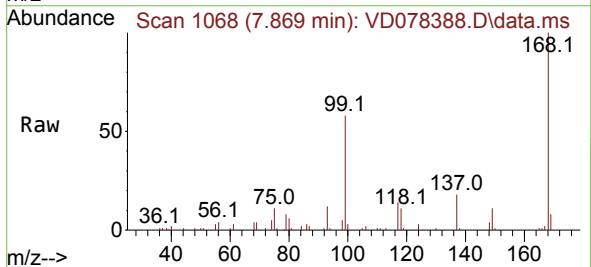
Instrument :
MSVOA_D
ClientSampleId :
SB-3(4-5)RE

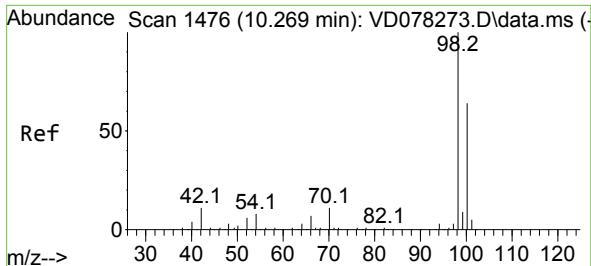
Tgt Ion: 75 Resp: 9403
Ion Ratio Lower Upper
75 100
110 7.8 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.399 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Tgt Ion: 117 Resp: 11227
Ion Ratio Lower Upper
117 100
119 3.9 78.0 117.0#
121 0.0 24.2 36.2#

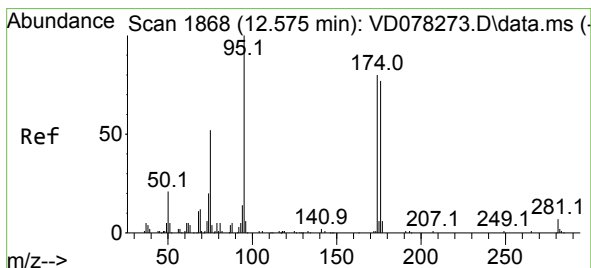
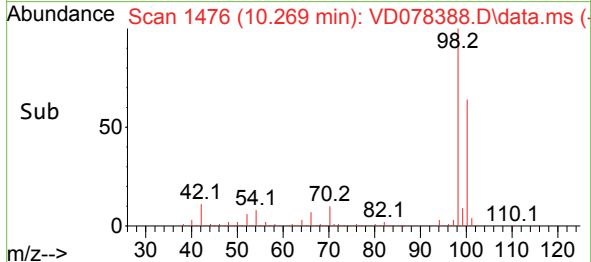
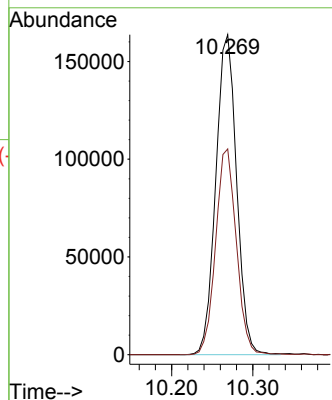
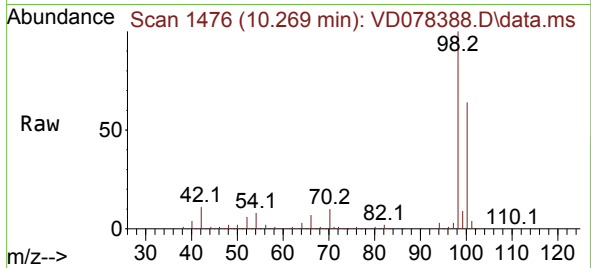




#50
Toluene-d8
Concen: 49.258 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

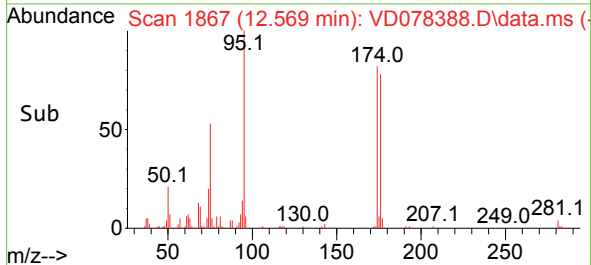
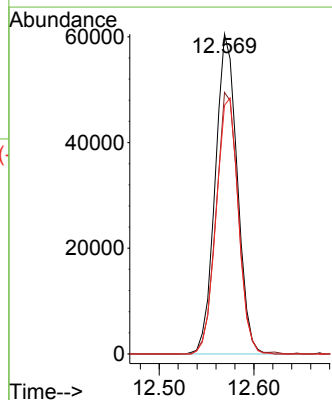
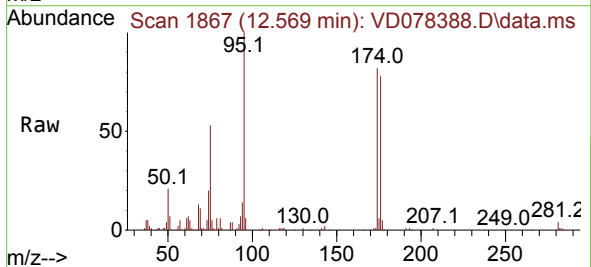
Instrument :
MSVOA_D
ClientSampleId :
SB-3(4-5)RE

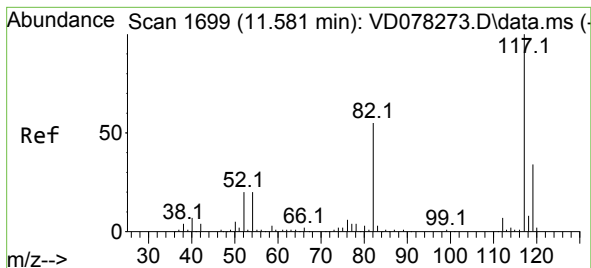
Tgt Ion: 98 Resp: 291887
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.099 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Tgt Ion: 95 Resp: 97777
Ion Ratio Lower Upper
95 100
174 82.4 0.0 201.8
176 80.7 0.0 191.8

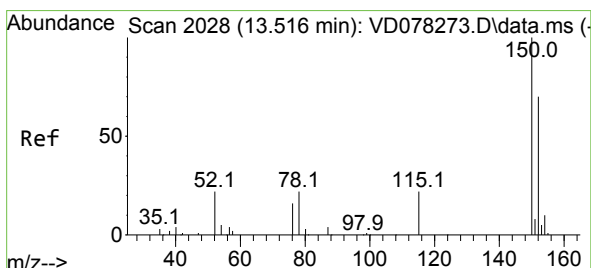
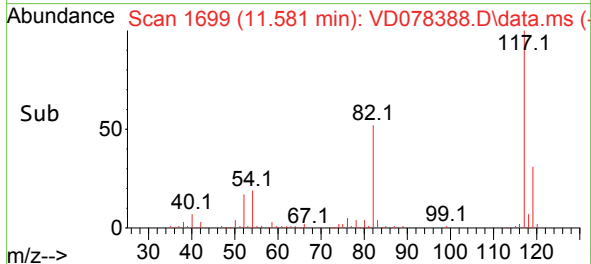
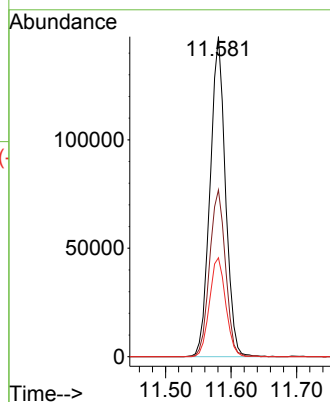
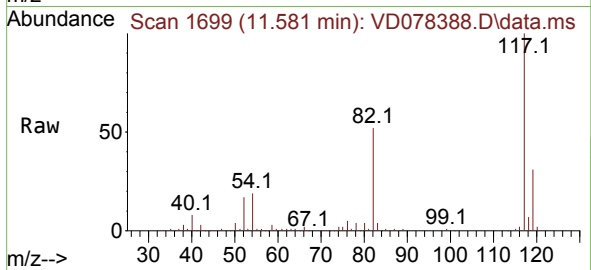




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

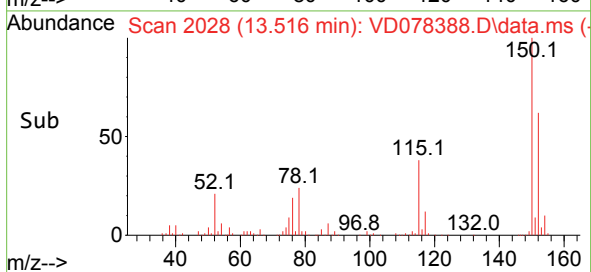
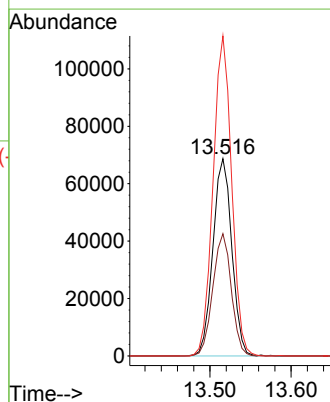
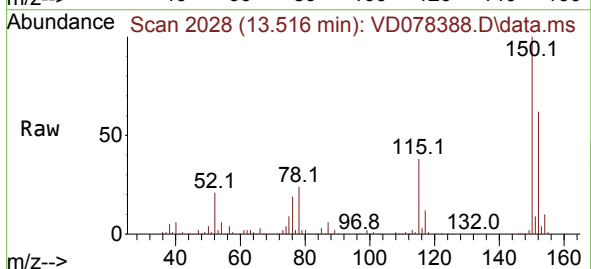
Instrument :
MSVOA_D
ClientSampleId :
SB-3(4-5)RE

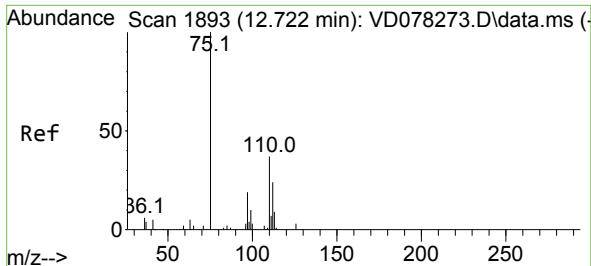
Tgt Ion:117 Resp: 240744
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 30.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Tgt Ion:152 Resp: 111127
Ion Ratio Lower Upper
152 100
115 60.6 27.1 81.3
150 159.1 0.0 353.6

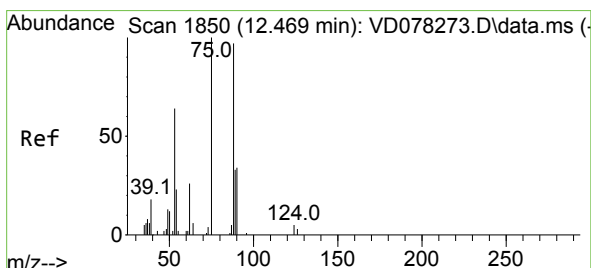
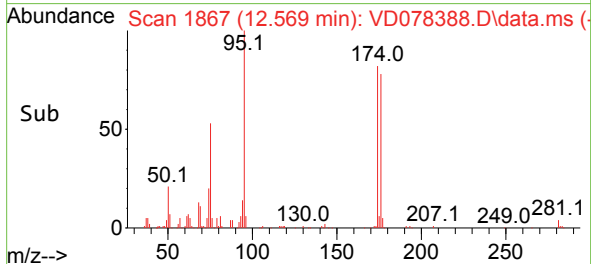
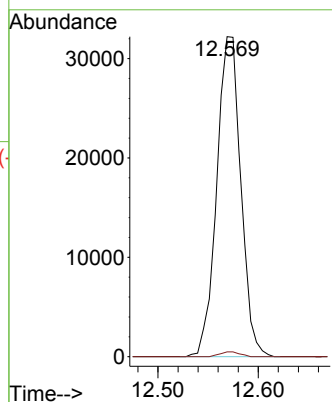
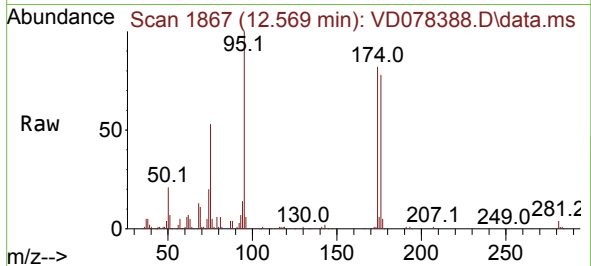




#76
1,2,3-Trichloropropane
Concen: 46.176 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :
SB-3(4-5)RE

Tgt Ion: 75 Resp: 53633
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.835 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Tgt Ion: 75 Resp: 53633
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 37.9 56.9#

