

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078615.D
 Acq On : 08 Mar 2024 11:20
 Operator : RP/MD
 Sample : VD0308SBL02
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBL02

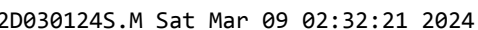
Quant Time: Mar 09 02:32:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

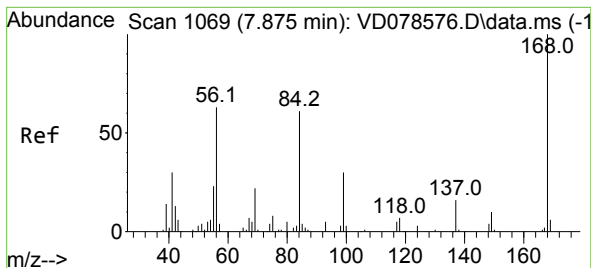
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	100480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56671	56.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.800%
35) Dibromofluoromethane	7.804	113	61535	50.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.269	98	214892	44.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.569	95	57368	42.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.080%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	282	Below Cal	#	60
20) Methylene Chloride	4.799	84	10390	Below Cal		93
31) Cyclohexane	7.875	56	2512	1.611	ug/l #	67
36) 1,1-Dichloropropene	7.875	75	8131	4.779	ug/l #	45
38) Carbon Tetrachloride	7.875	117	9378	5.270	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	29145	50.937	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	29145	109.027	ug/l #	17

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

Quant Time: Mar 09 02:32:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD078615.D

Acq: 08 Mar 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

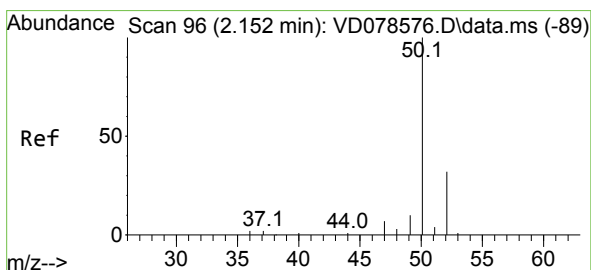
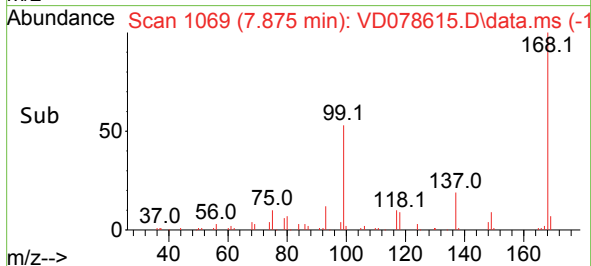
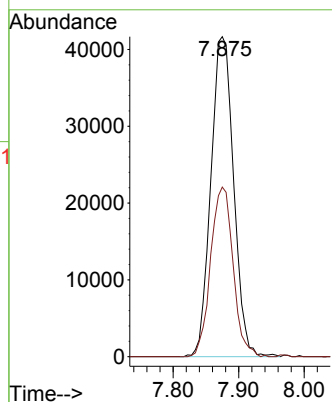
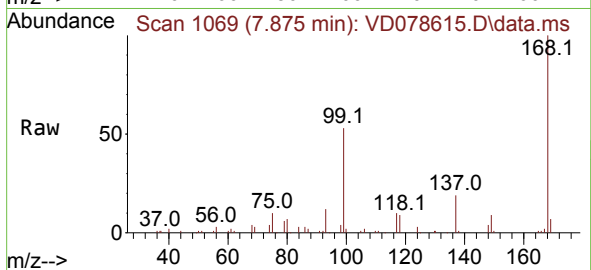
VD0308SBL02

Tgt Ion:168 Resp: 100480

Ion Ratio Lower Upper

168 100

99 53.0 36.7 55.1



#3

Chloromethane

Concen: Below Cal

RT: 2.146 min Scan# 95

Delta R.T. -0.006 min

Lab File: VD078615.D

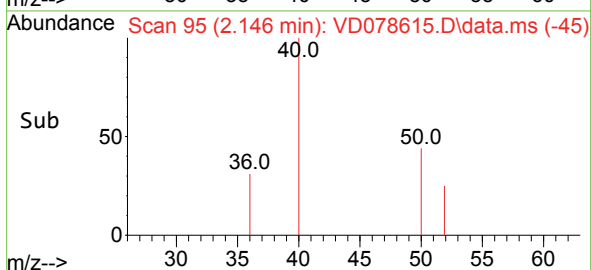
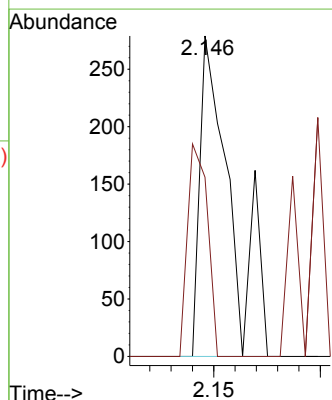
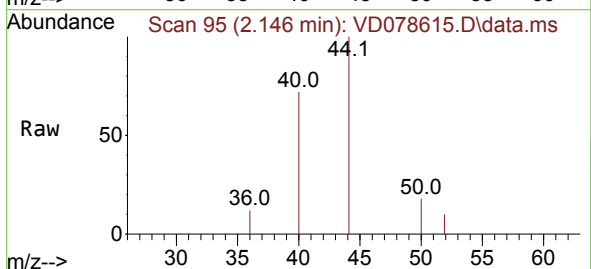
Acq: 08 Mar 2024 11:20

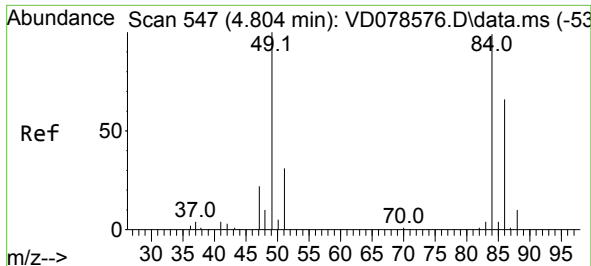
Tgt Ion: 50 Resp: 282

Ion Ratio Lower Upper

50 100

52 55.9 26.6 40.0#

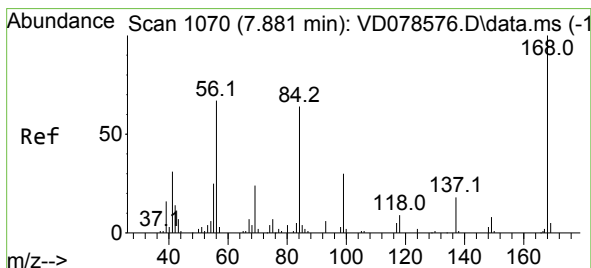
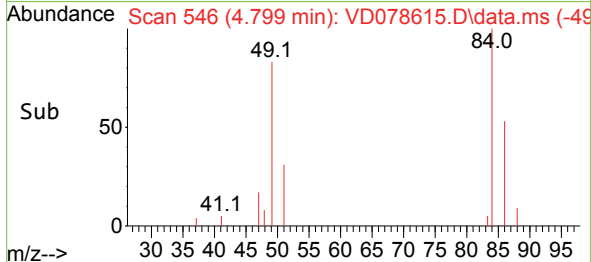
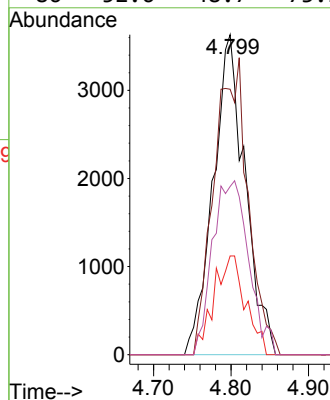
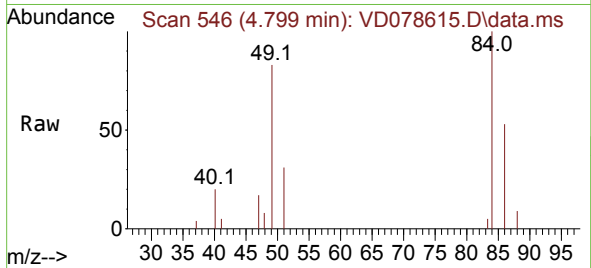




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

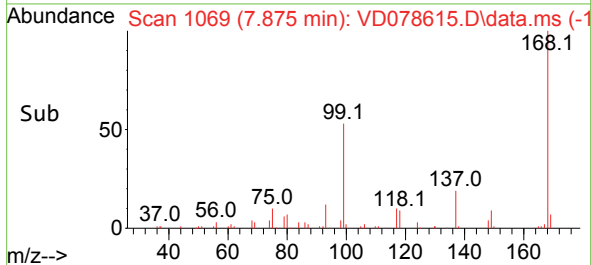
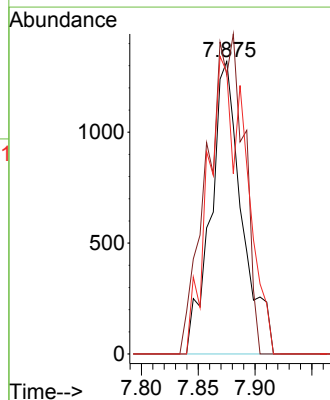
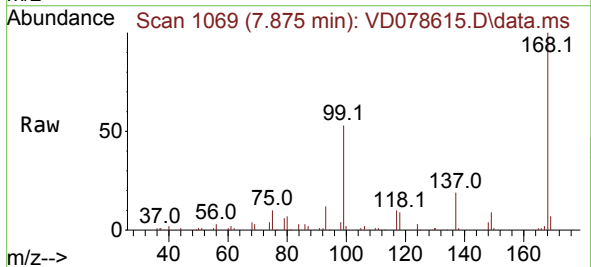
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL02

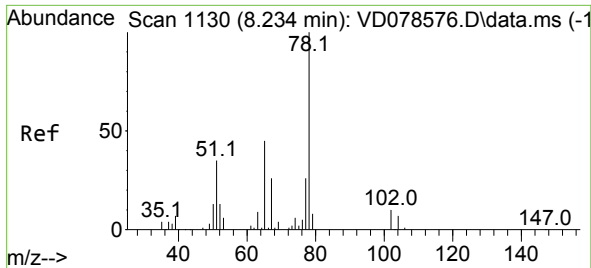
Tgt Ion: 84	Resp: 10390
Ion Ratio	Lower Upper
84 100	
49 82.9	71.4 107.2
51 30.9	24.5 36.7
86 52.6	48.7 73.1



#31
Cyclohexane
Concen: 1.611 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

Tgt Ion: 56	Resp: 2512
Ion Ratio	Lower Upper
56 100	
69 95.4	28.6 43.0#
84 96.4	84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 56.896 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078615.D

Acq: 08 Mar 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

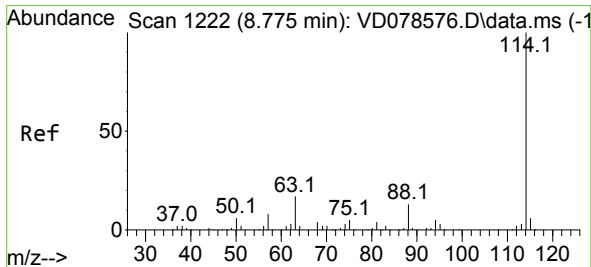
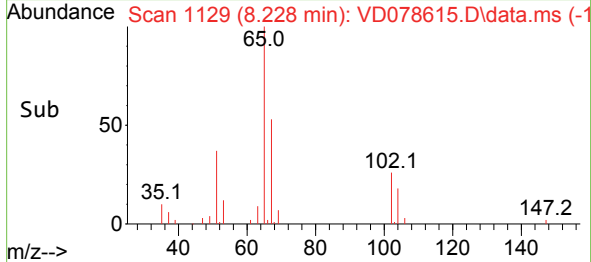
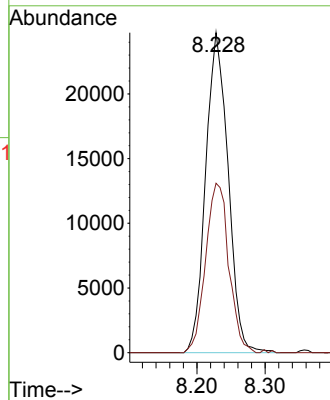
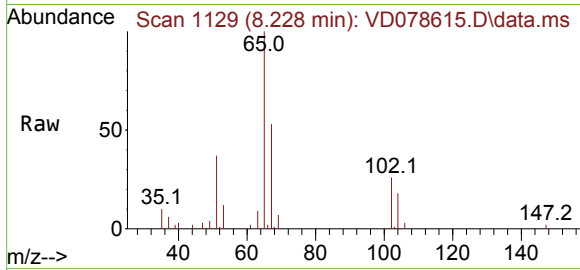
VD0308SBL02

Tgt Ion: 65 Resp: 56671

Ion Ratio Lower Upper

65 100

67 54.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078615.D

Acq: 08 Mar 2024 11:20

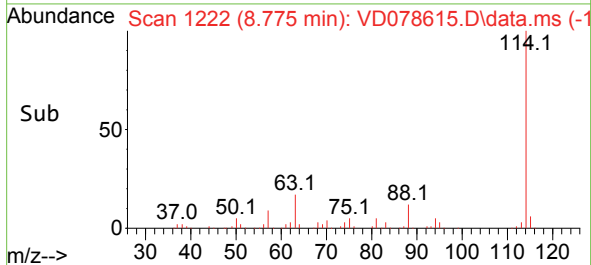
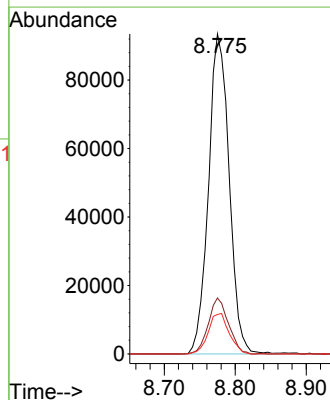
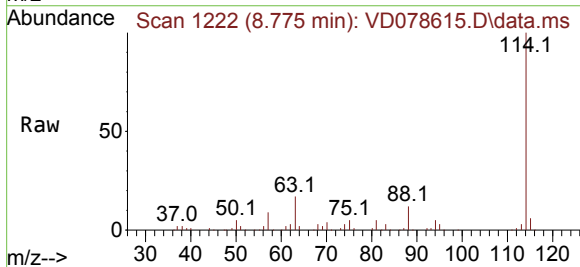
Tgt Ion:114 Resp: 189003

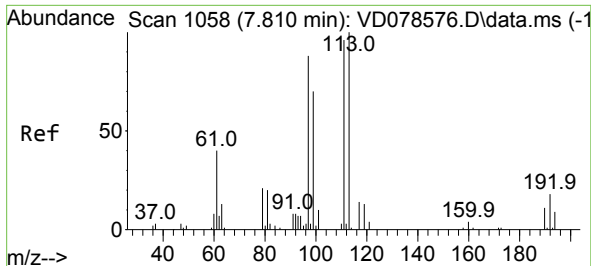
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 12.4 0.0 26.2

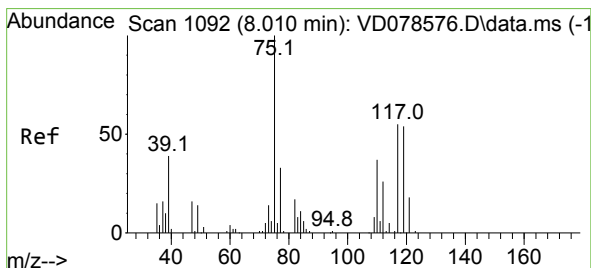
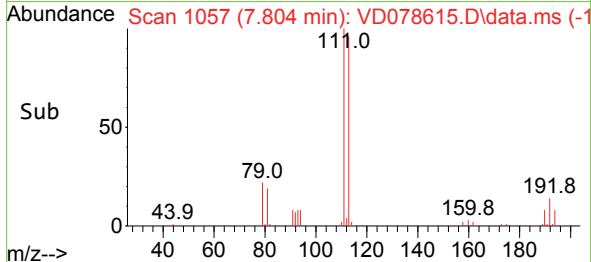
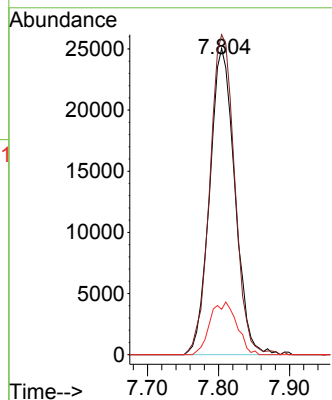
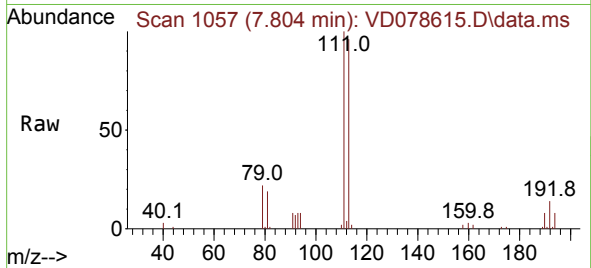




#35
 Dibromofluoromethane
 Concen: 50.051 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078615.D
 Acq: 08 Mar 2024 11:20

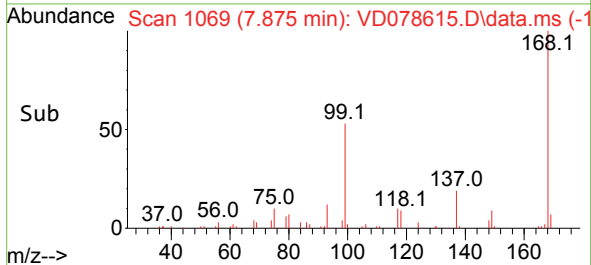
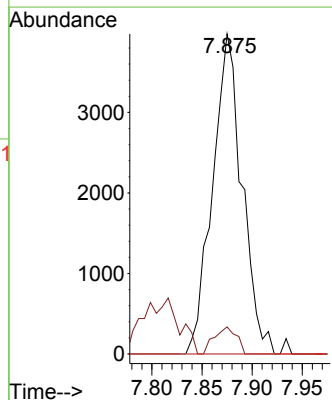
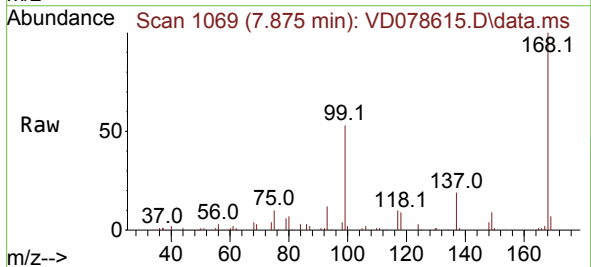
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBL02

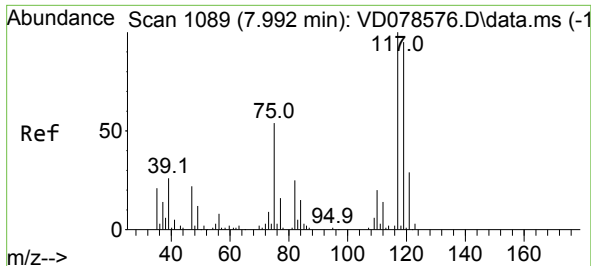
Tgt Ion:113 Resp: 61535
 Ion Ratio Lower Upper
 113 100
 111 103.6 84.7 127.1
 192 18.3 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.779 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD078615.D
 Acq: 08 Mar 2024 11:20

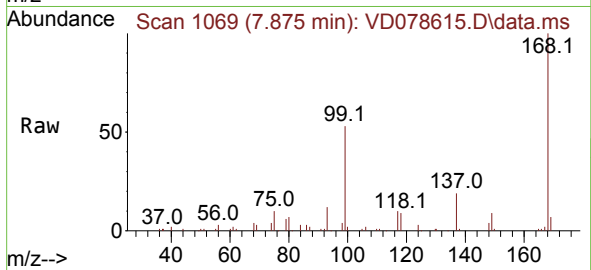
Tgt Ion: 75 Resp: 8131
 Ion Ratio Lower Upper
 75 100
 110 6.4 19.9 59.6#
 77 0.0 24.7 37.1#



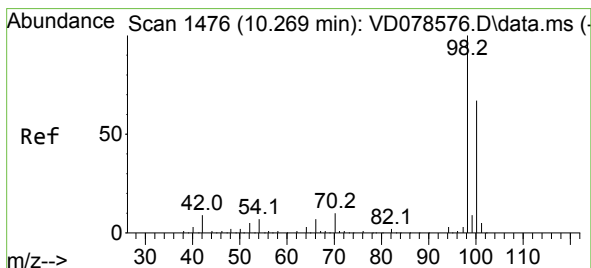
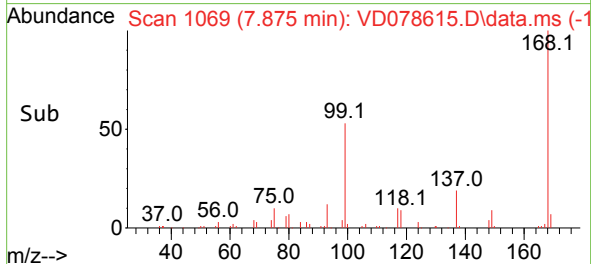
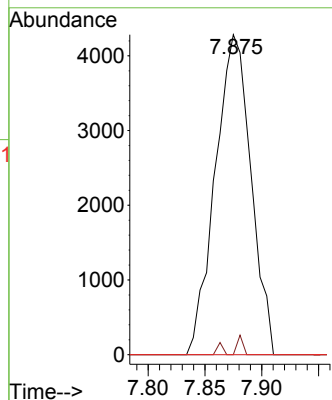


#38
Carbon Tetrachloride
Concen: 5.270 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL02

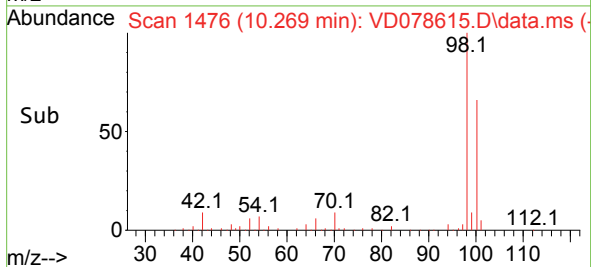
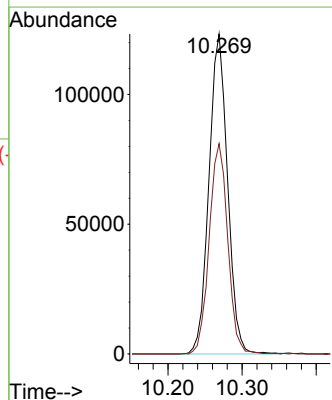
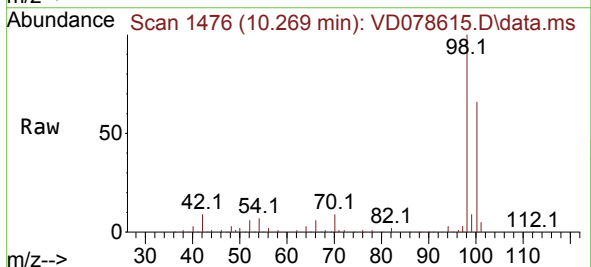


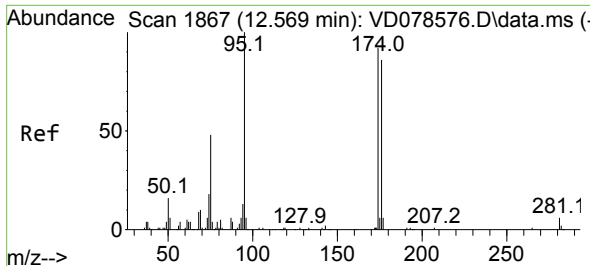
Tgt Ion:117 Resp: 9378
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.981 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

Tgt Ion: 98 Resp: 214892
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5

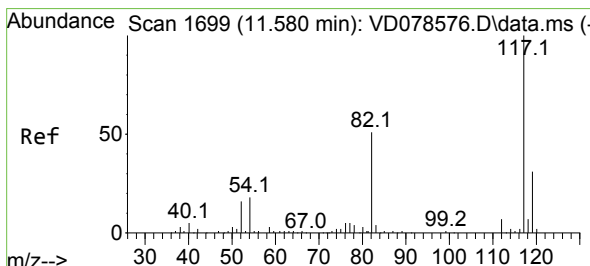
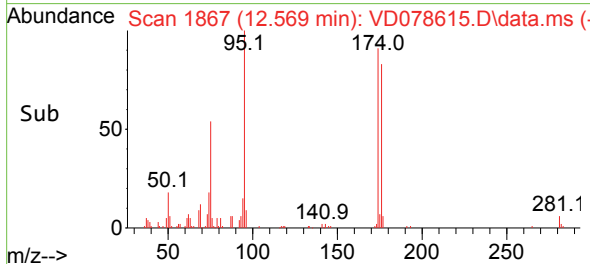
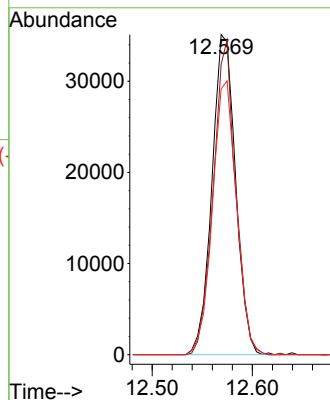
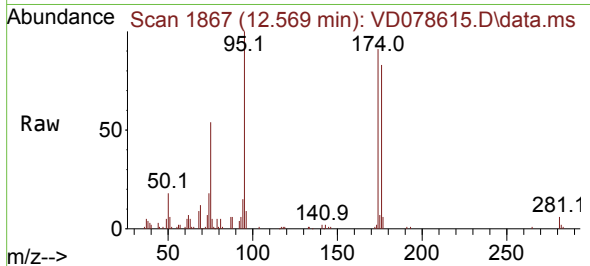




#62
4-Bromofluorobenzene
Concen: 42.043 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

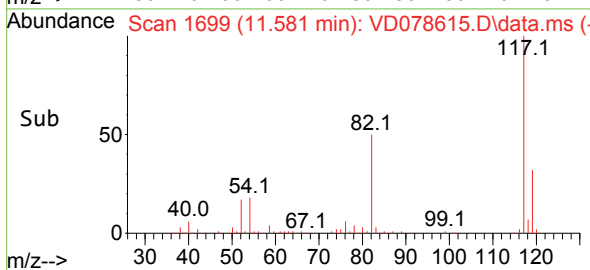
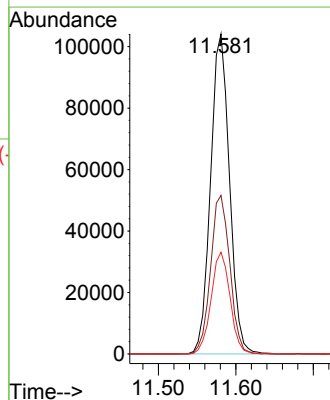
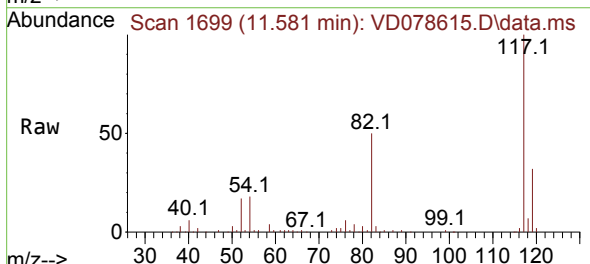
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL02

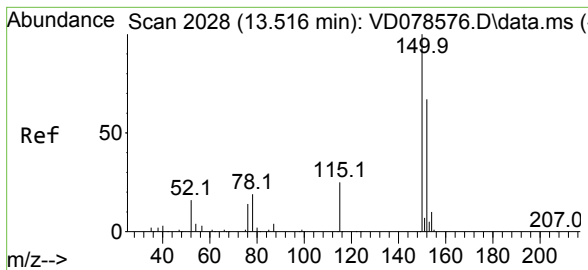
Tgt Ion:	95	Resp:	57368
Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	201.8
176	87.3	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

Tgt Ion:	117	Resp:	177130
Ion	Ratio	Lower	Upper
117	100		
82	49.5	38.3	57.5
119	31.8	25.0	37.4

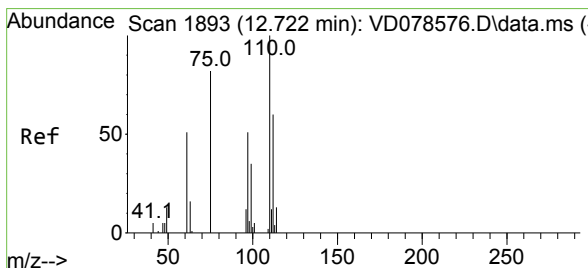
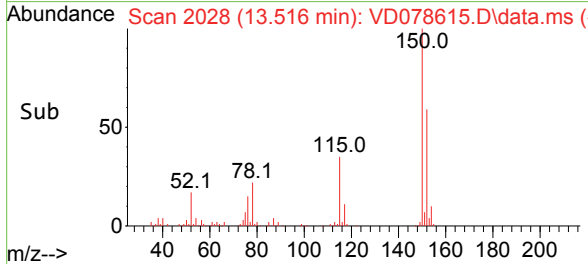
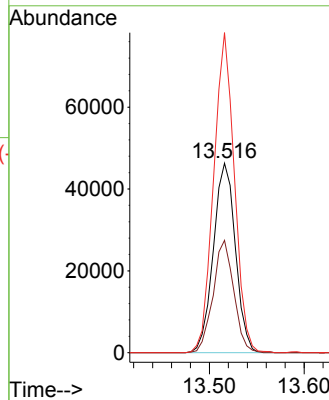
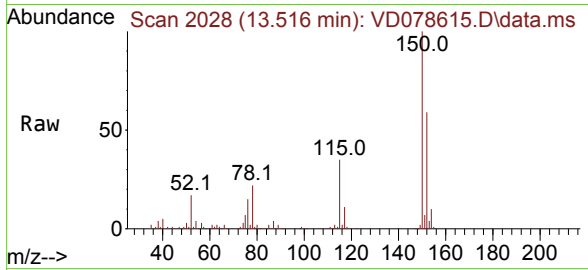




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078615.D
 Acq: 08 Mar 2024 11:20

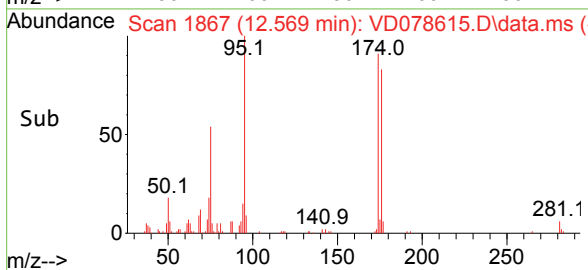
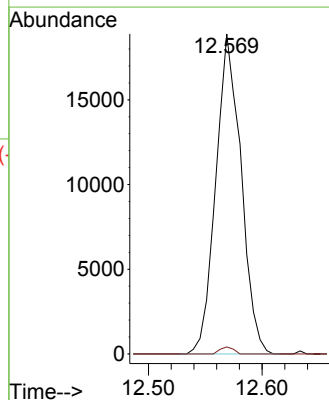
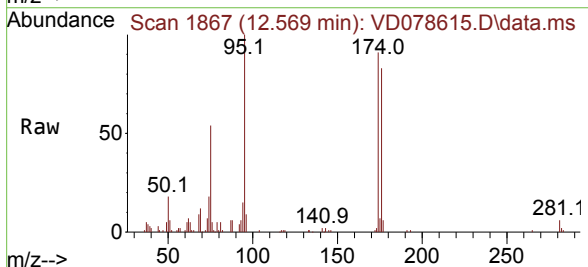
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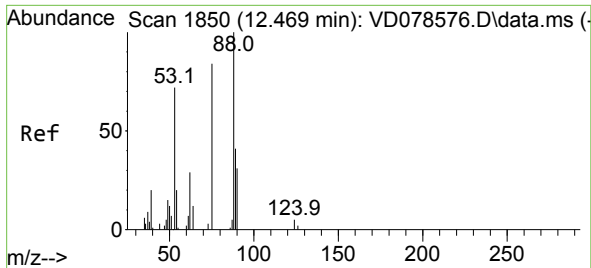
Tgt Ion:152 Resp: 74918
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.1 81.3
 150 158.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 50.937 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD078615.D
 Acq: 08 Mar 2024 11:20

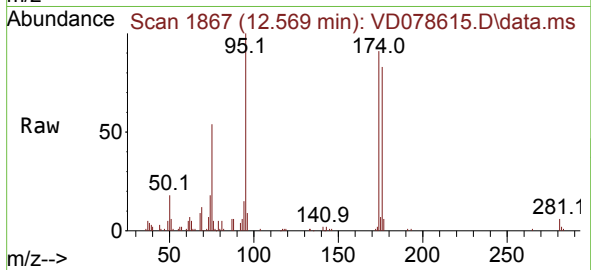
Tgt Ion: 75 Resp: 29145
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.027 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL02



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

