

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
 Data File : VD078546.D
 Acq On : 26 Feb 2024 10:38
 Operator : RP/MD
 Sample : VD0226SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBL01

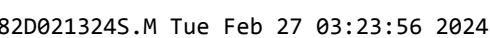
Quant Time: Feb 27 03:23:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

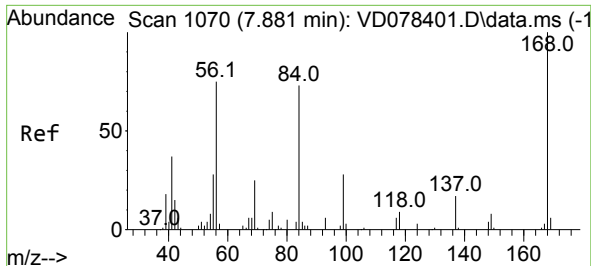
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	149468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	277741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	165133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52735	32.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.260%
35) Dibromofluoromethane	7.810	113	79380	44.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.980%
50) Toluene-d8	10.269	98	347037	49.173	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.575	95	132462	64.497	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	129.000%
Target Compounds						
					Qvalue	
16) Acetone	4.046	43	113	Below Cal	#	21
23) Vinyl Acetate	6.410	43	75	Below Cal	#	63
25) 2-Butanone	7.057	43	117	Below Cal	#	37
31) Cyclohexane	7.875	56	3314	1.212	ug/l #	50
36) 1,1-Dichloropropene	7.881	75	10921	3.985	ug/l #	46
38) Carbon Tetrachloride	7.875	117	14470	5.331	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	68682	48.991	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	68682	101.706	ug/l #	17

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

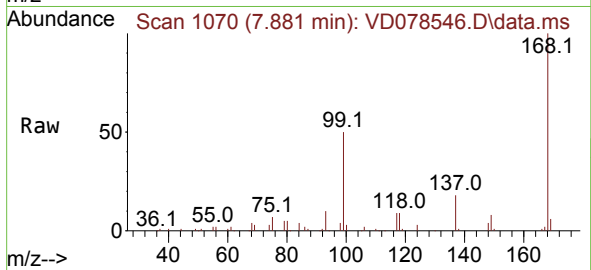
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration



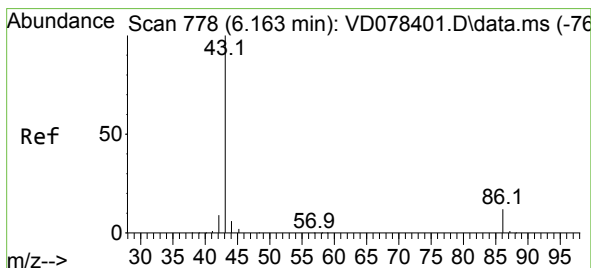
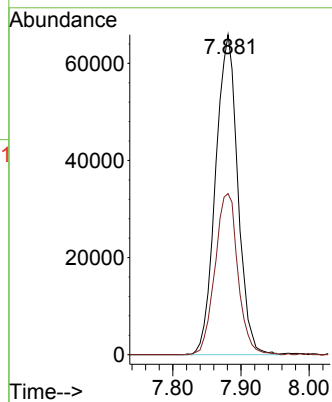
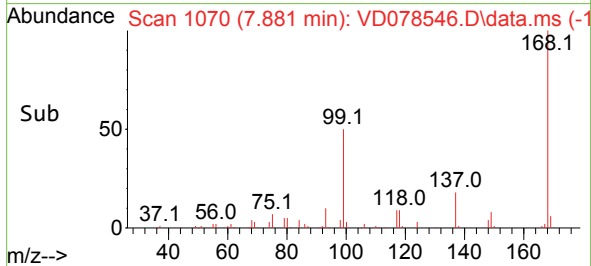


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

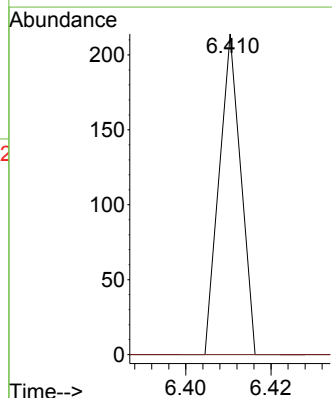
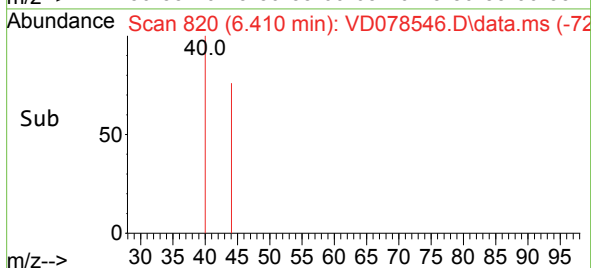
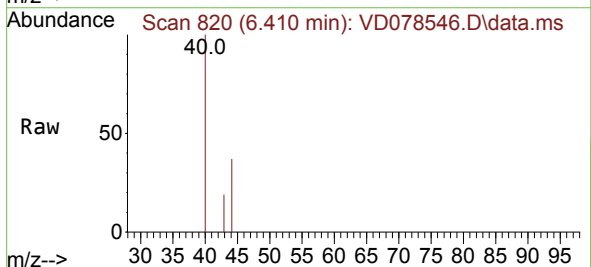


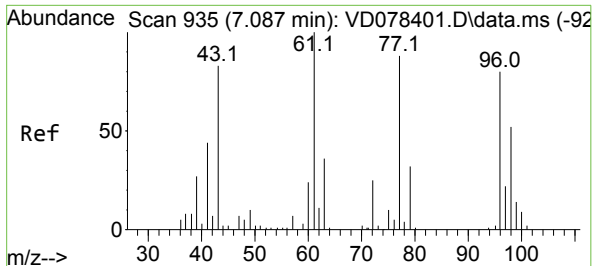
Tgt Ion:168 Resp: 149468
Ion Ratio Lower Upper
168 100
99 50.4 36.7 55.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.410 min Scan# 820
Delta R.T. 0.247 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
86 0.0 12.5 18.7#

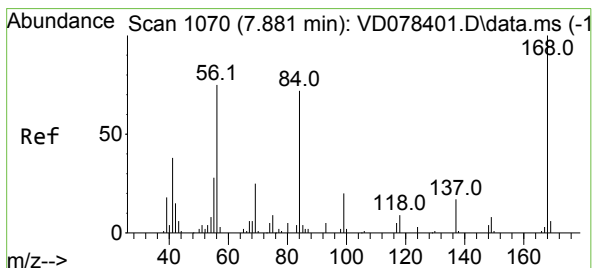
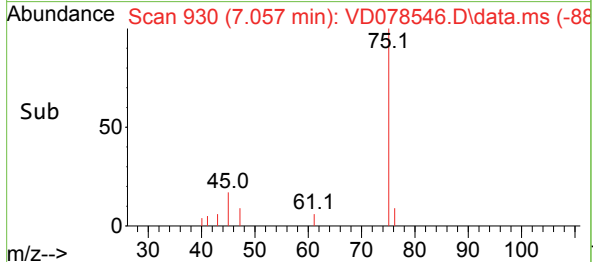
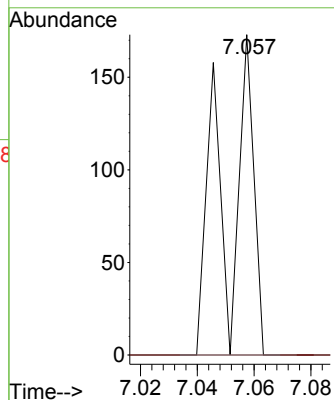
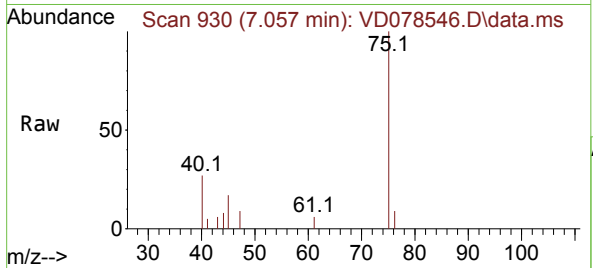




#25
2-Butanone
Concen: Below Cal
RT: 7.057 min Scan# 91
Delta R.T. -0.030 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

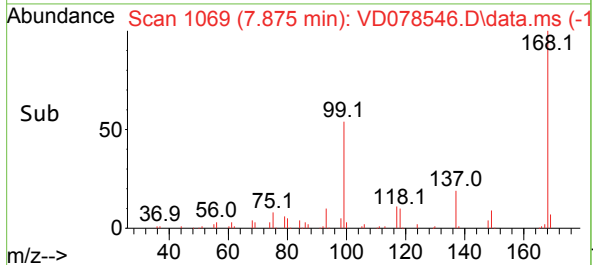
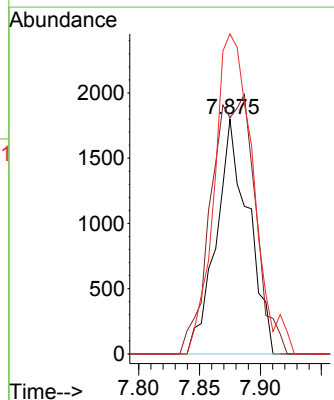
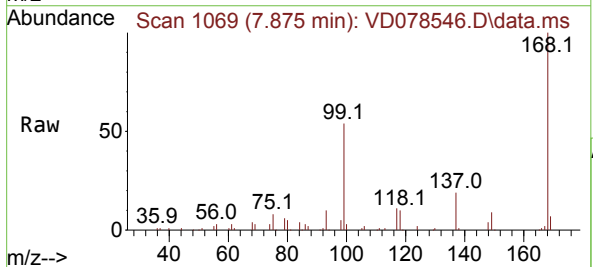
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

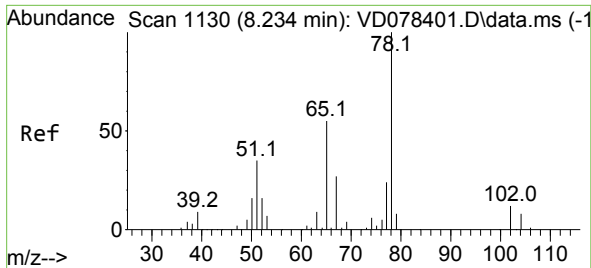
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

Tgt Ion: 56 Resp: 3314
Ion Ratio Lower Upper
56 100
69 100.7 28.6 43.0#
84 136.4 84.8 127.2#

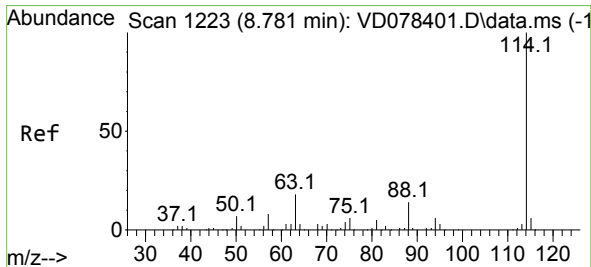
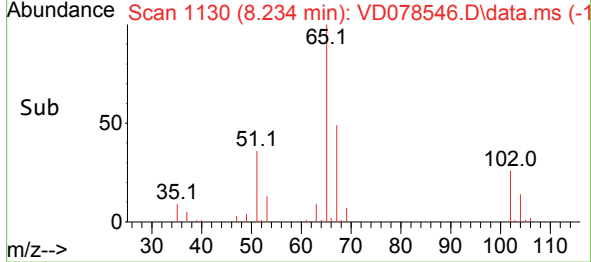
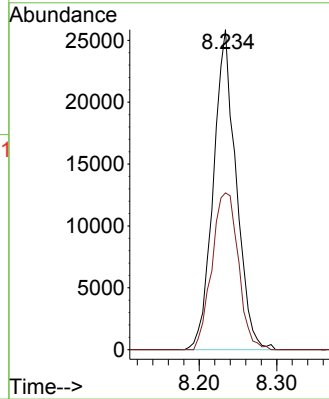
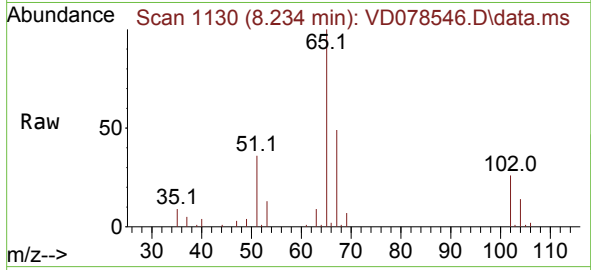




#33
1,2-Dichloroethane-d4
Concen: 32.631 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

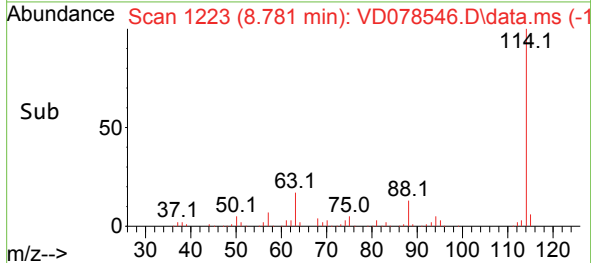
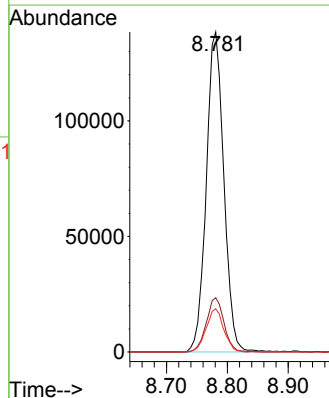
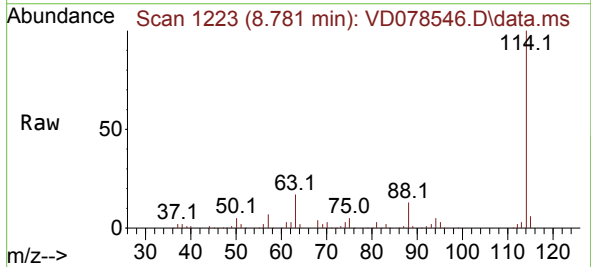
Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

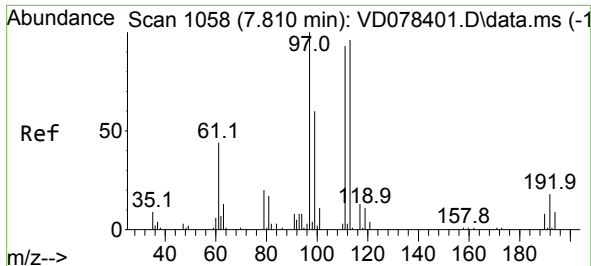
Tgt Ion: 65 Resp: 52735
Ion Ratio Lower Upper
65 100
67 57.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

Tgt Ion: 114 Resp: 277741
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.993 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078546.D

Acq: 26 Feb 2024 10:38

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBL01

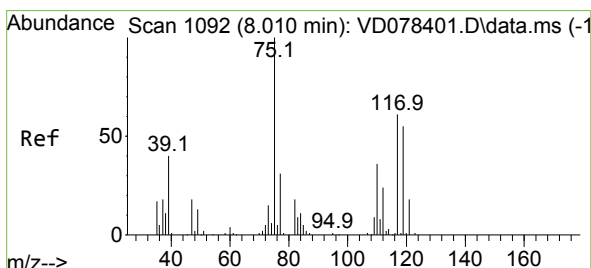
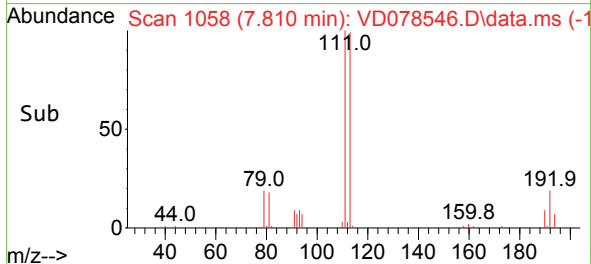
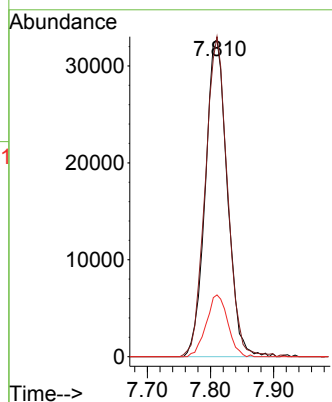
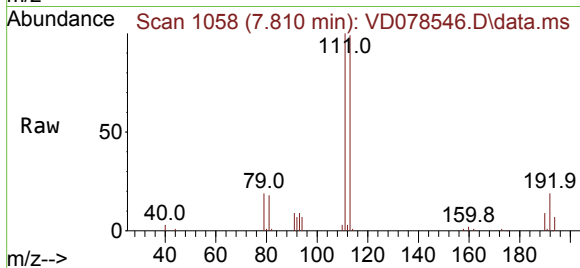
Tgt Ion:113 Resp: 79380

Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 3.985 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD078546.D

Acq: 26 Feb 2024 10:38

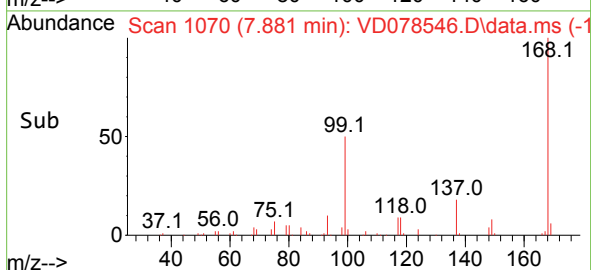
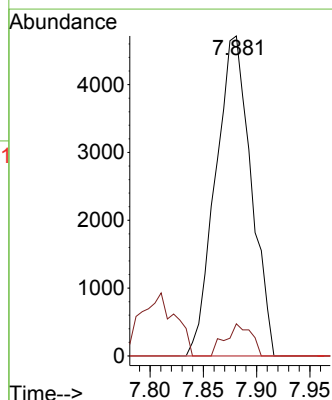
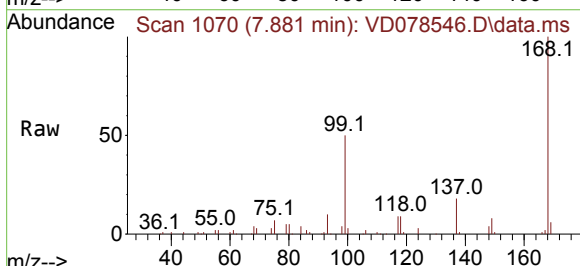
Tgt Ion: 75 Resp: 10921

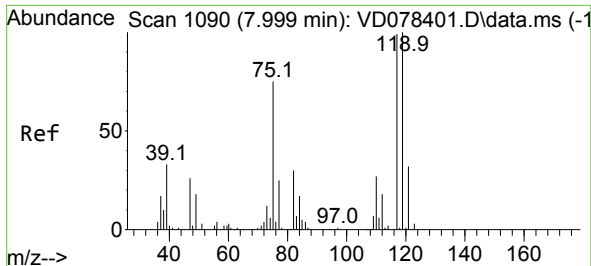
Ion Ratio Lower Upper

75 100

110 7.3 19.9 59.6#

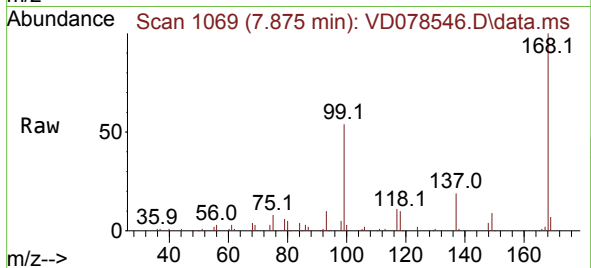
77 0.0 24.7 37.1#



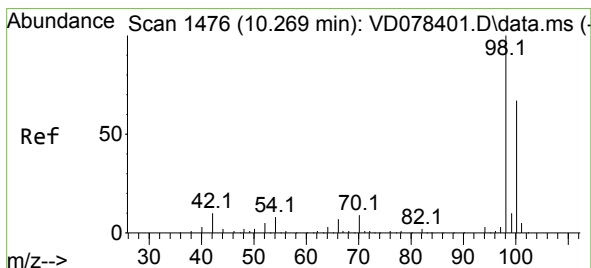
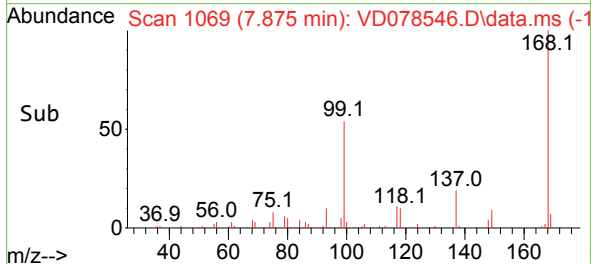
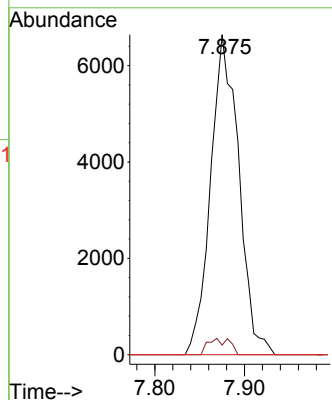


#38
Carbon Tetrachloride
Concen: 5.331 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

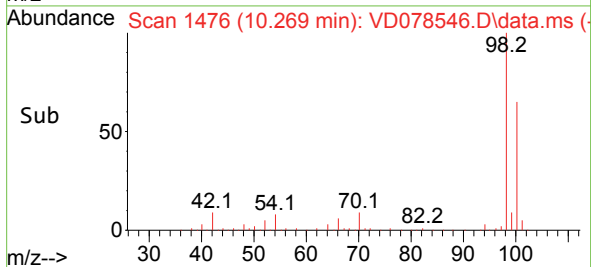
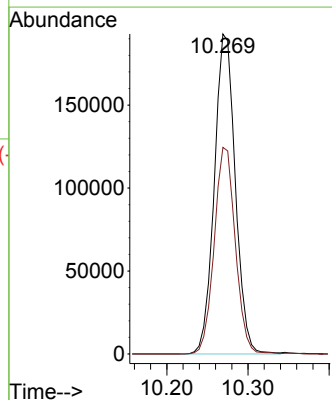
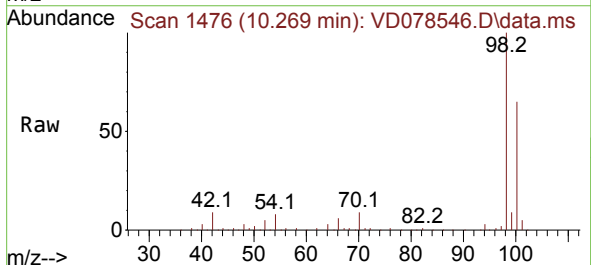


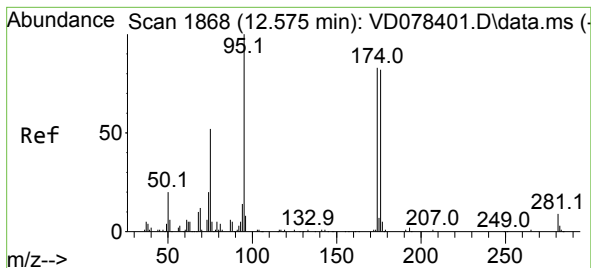
Tgt Ion:117 Resp: 14470
Ion Ratio Lower Upper
117 100
119 3.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.173 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

Tgt Ion: 98 Resp: 347037
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

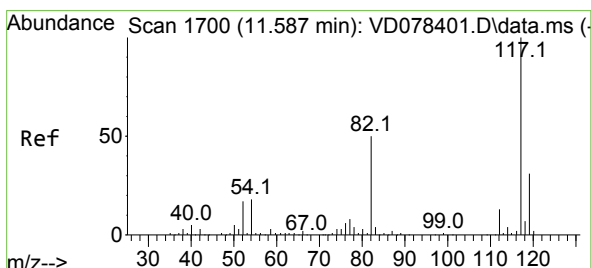
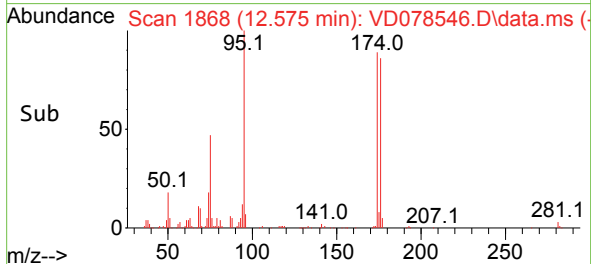
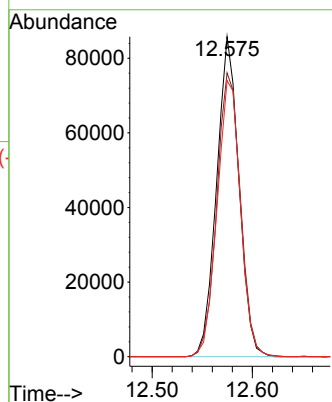
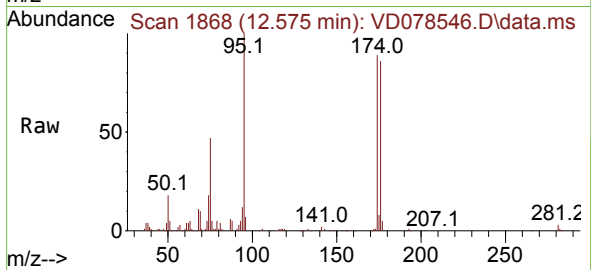




#62
4-Bromofluorobenzene
Concen: 64.497 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

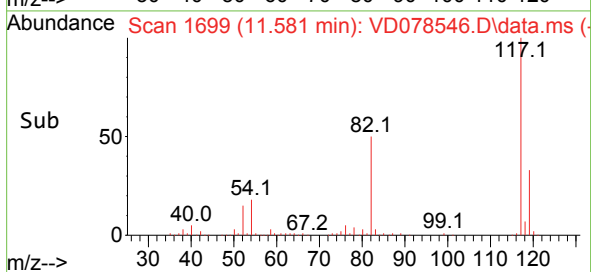
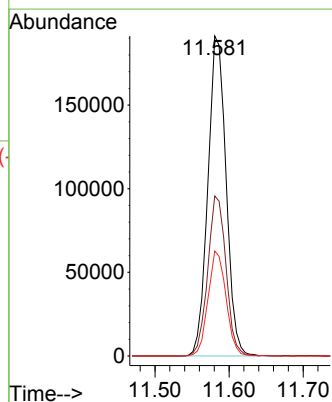
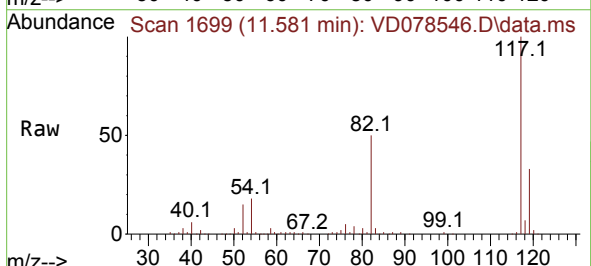
Instrument :
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ClientSampleId :
VD0226SBL01

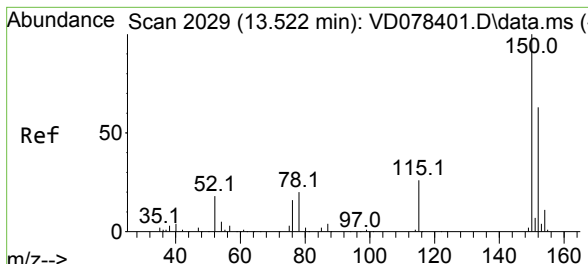
Tgt Ion: 95 Resp: 132462
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 90.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078546.D
Acq: 26 Feb 2024 10:38

Tgt Ion: 117 Resp: 327127
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 32.8 25.0 37.4

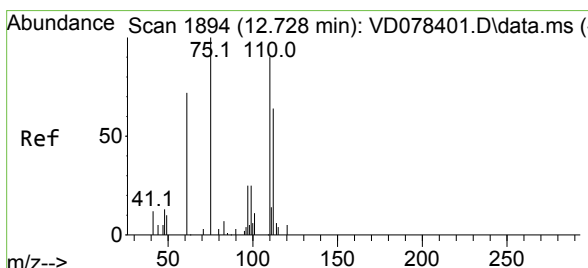
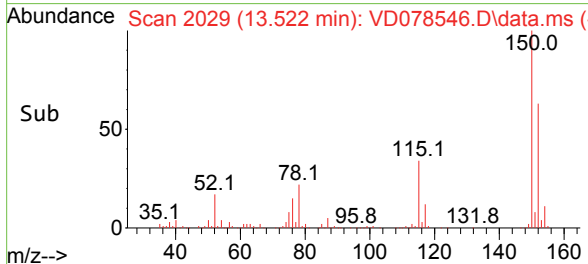
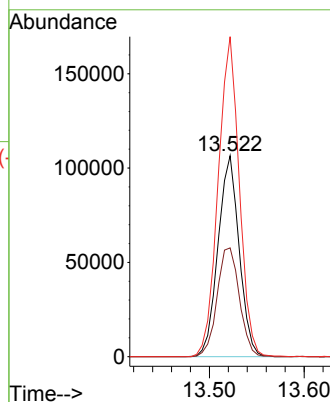
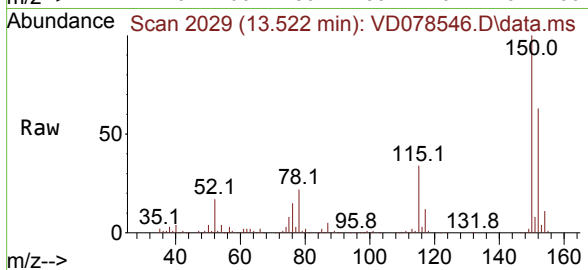




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078546.D
 Acq: 26 Feb 2024 10:38

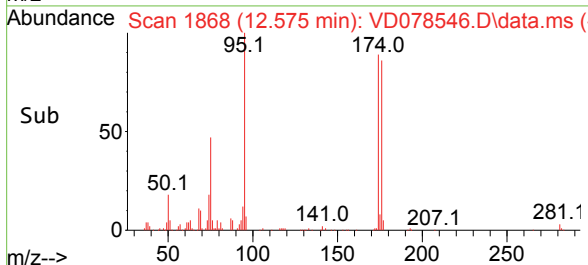
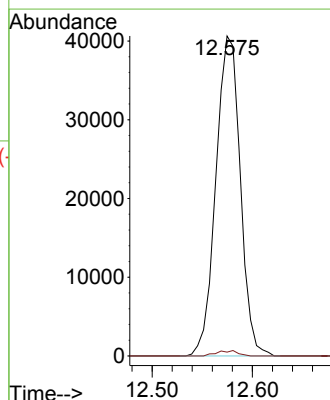
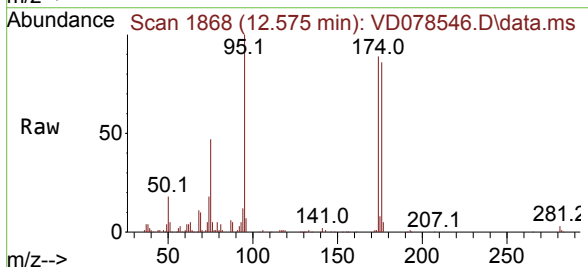
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBL01

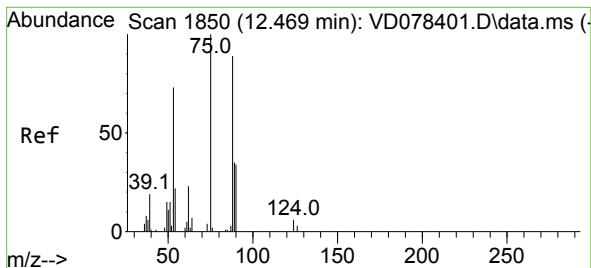
Tgt Ion:152 Resp: 165133
 Ion Ratio Lower Upper
 152 100
 115 57.2 27.1 81.3
 150 158.9 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 48.991 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078546.D
 Acq: 26 Feb 2024 10:38

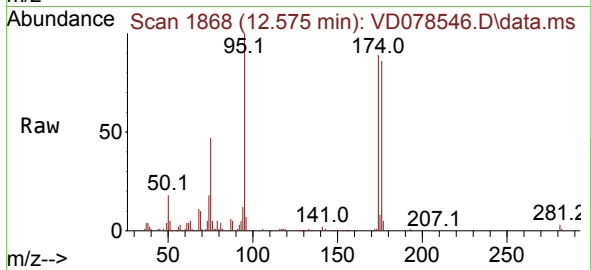
Tgt Ion: 75 Resp: 68682
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.706 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078546.D
 Acq: 26 Feb 2024 10:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBL01



Tgt Ion:	75	Resp:	68682
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.0	37.9	56.9#

