

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078468.D
 Acq On : 19 Feb 2024 17:18
 Operator : RP/MD
 Sample : P1506-10RE
 Misc : 5.02G/8ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-195-GW-820-822RE

Quant Time: Feb 20 00:55:01 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)

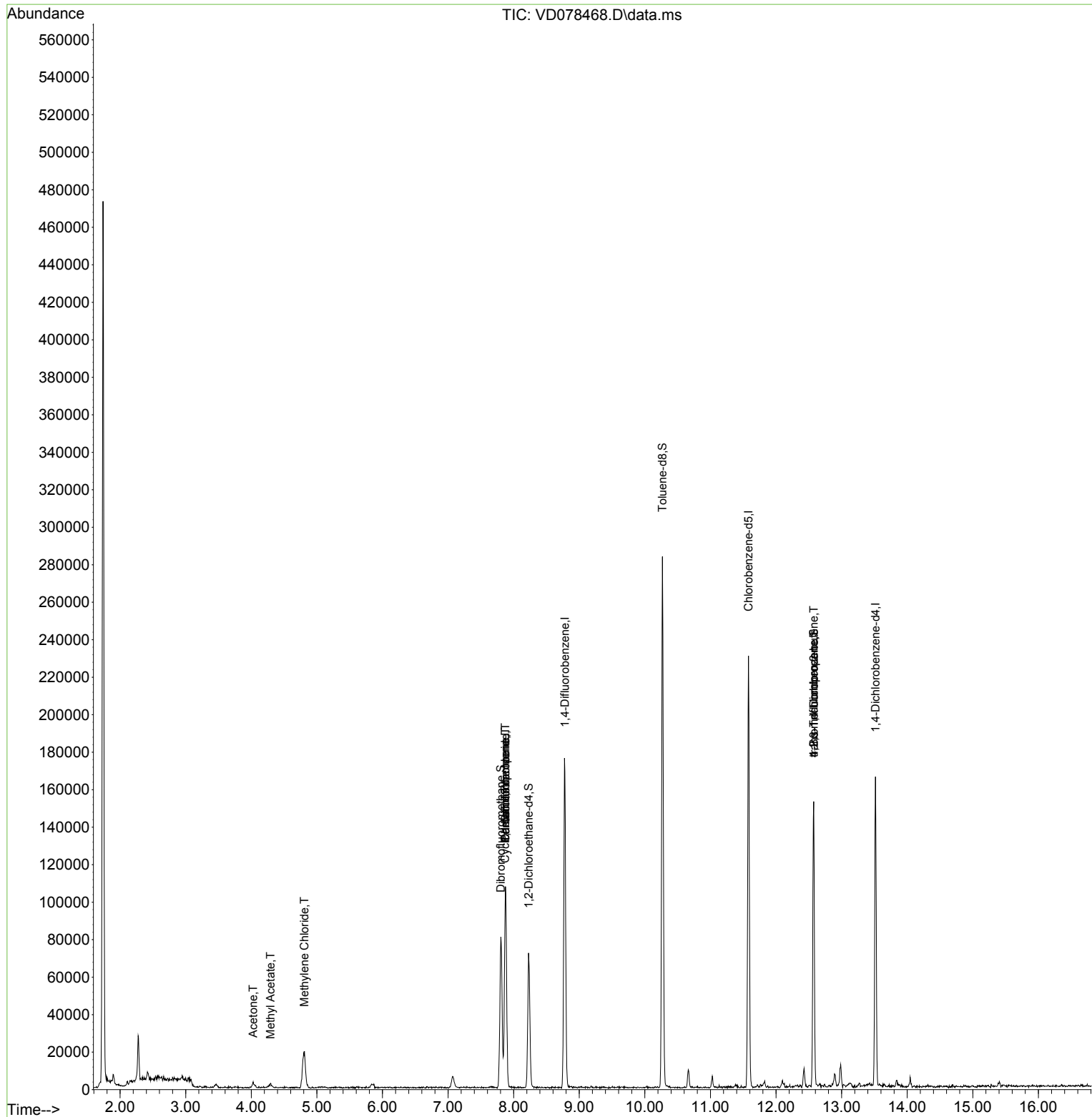
Internal Standards						
1) Pentafluorobenzene	7.875	168	80564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	157500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	132933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	43520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53929	61.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.820%	
35) Dibromofluoromethane	7.804	113	58433	58.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.820%	
50) Toluene-d8	10.269	98	192800	48.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	12.575	95	44491	38.201	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	74	Below Cal	#	73
16) Acetone	4.028	43	4257	2.220	ug/l #	80
18) Methyl Acetate	4.293	43	466	4.636	ug/l #	42
20) Methylene Chloride	4.810	84	16626	14.665	ug/l #	80
23) Vinyl Acetate	6.287	43	69	Below Cal	#	63
25) 2-Butanone	7.081	43	320	Below Cal	#	37
31) Cyclohexane	7.869	56	1676	1.137	ug/l #	71
36) 1,1-Dichloropropene	7.875	75	6899	4.439	ug/l #	42
38) Carbon Tetrachloride	7.875	117	8696	5.650	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	23396	63.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	23396	131.460	ug/l #	17

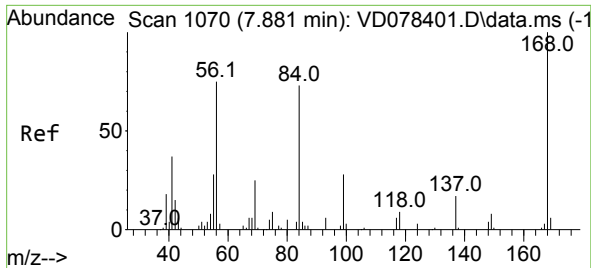
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

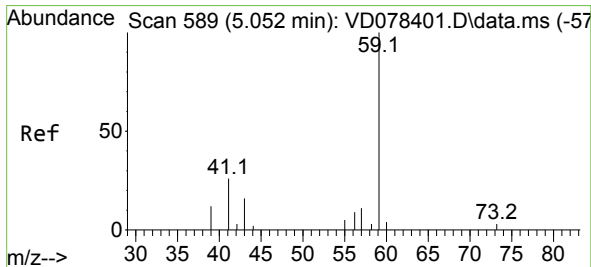
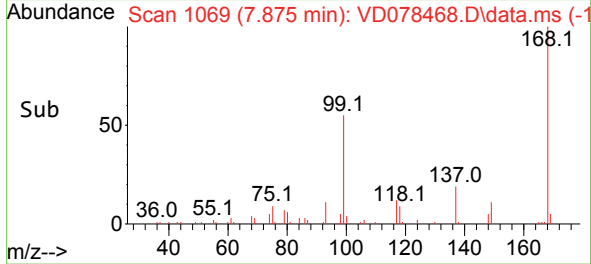
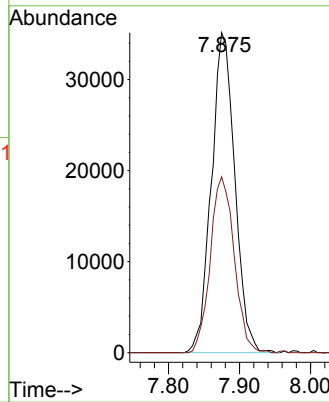
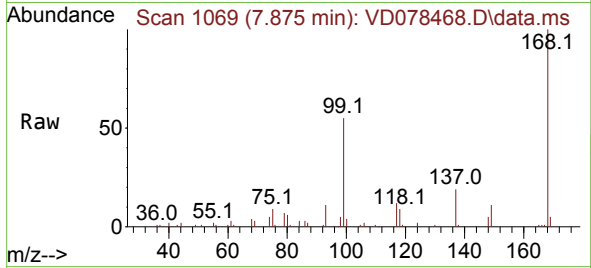




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

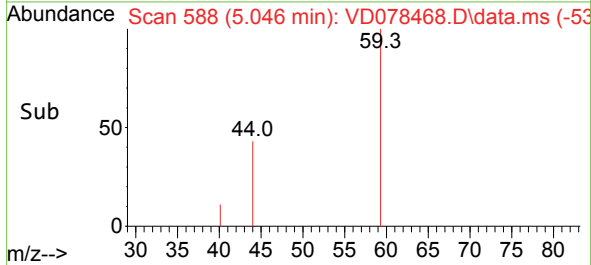
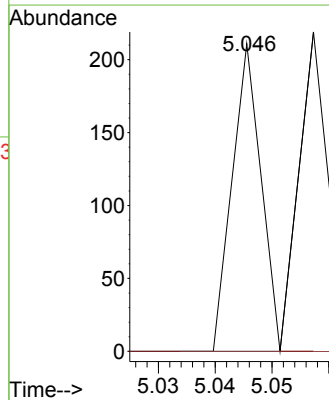
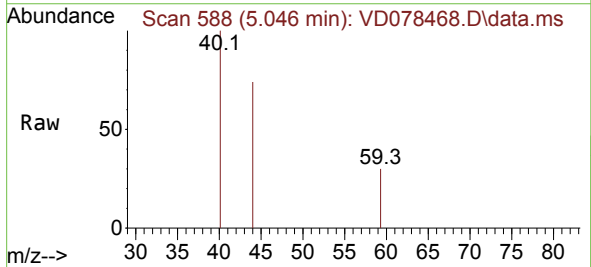
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-820-822RE

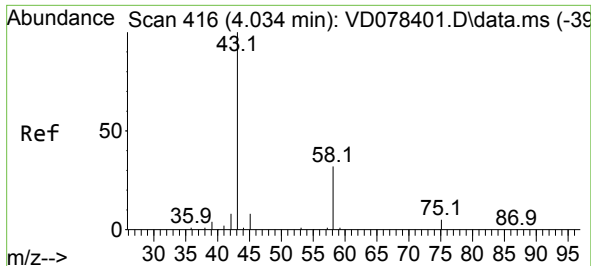
Tgt Ion:168 Resp: 80564
Ion Ratio Lower Upper
168 100
99 54.9 36.7 55.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.046 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

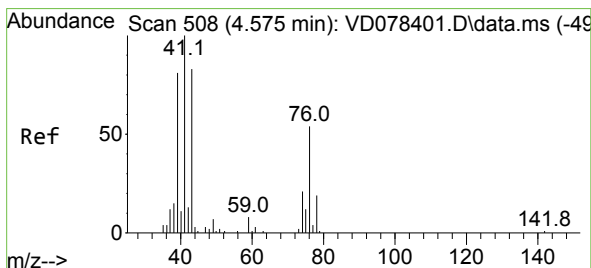
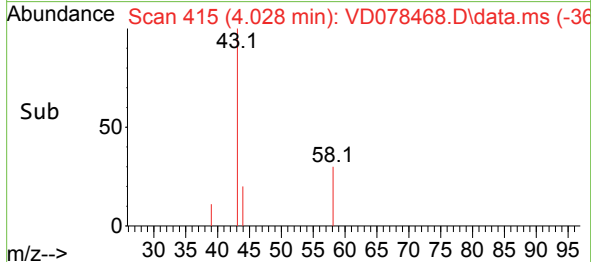
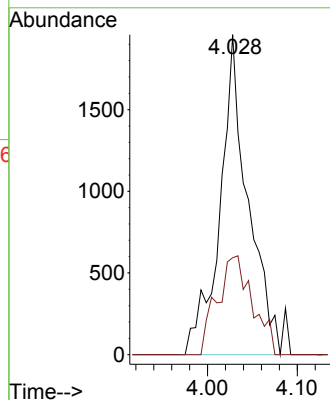
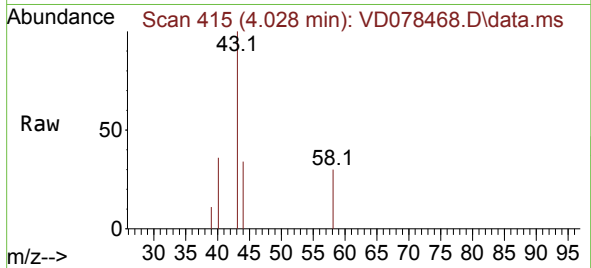




#16
Acetone
Concen: 2.220 ug/l
RT: 4.028 min Scan# 416
Delta R.T. -0.006 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

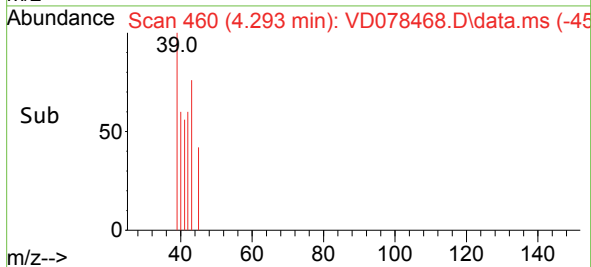
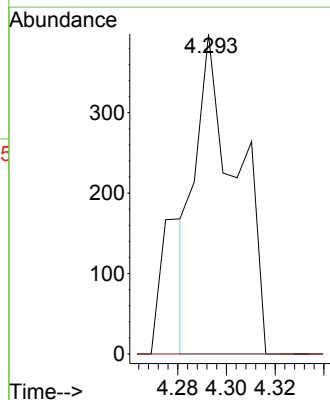
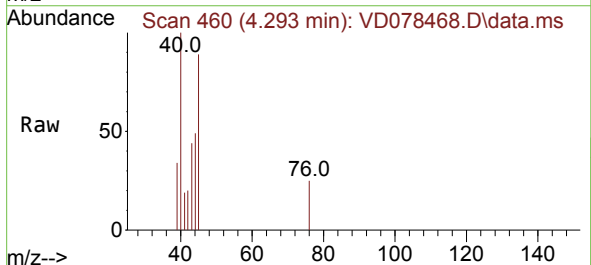
Instrument :
MSVOA_D
ClientSampleId :
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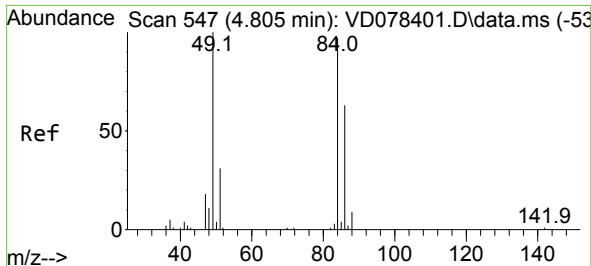
Tgt Ion: 43 Resp: 4257
Ion Ratio Lower Upper
43 100
58 30.3 34.7 52.1#



#18
Methyl Acetate
Concen: 4.636 ug/l
RT: 4.293 min Scan# 460
Delta R.T. -0.282 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

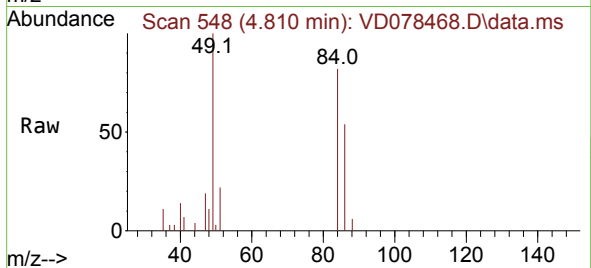
Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



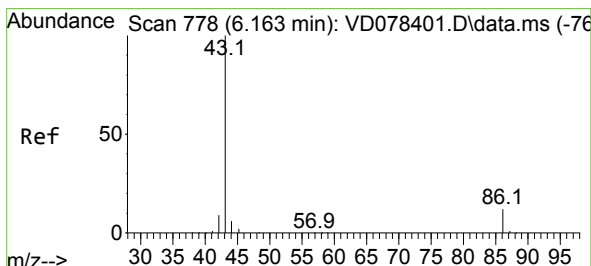
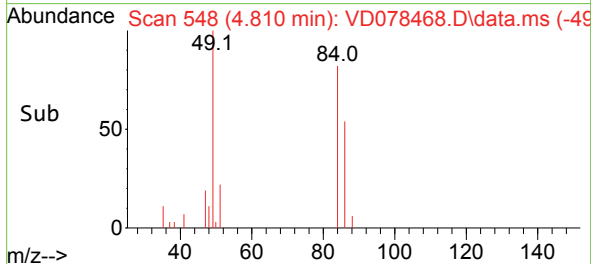
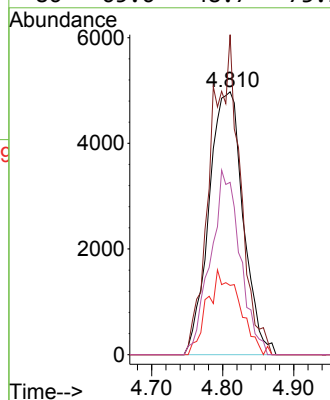


#20
Methylene Chloride
Concen: 14.665 ug/l
RT: 4.810 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-820-822RE

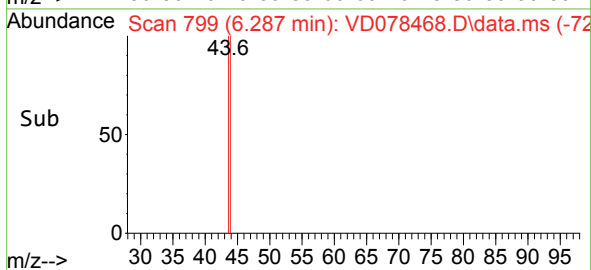
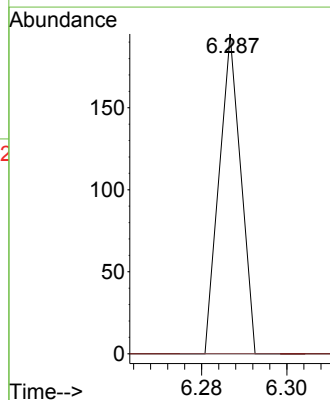
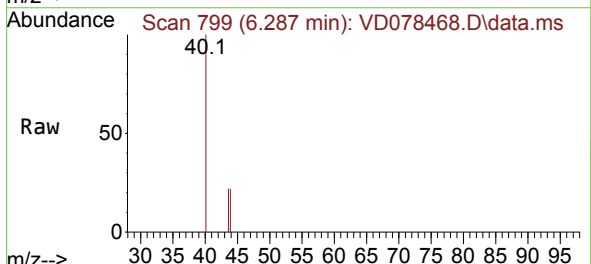


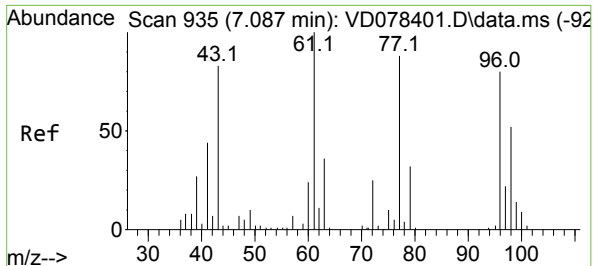
Tgt Ion: 84 Resp: 16626
Ion Ratio Lower Upper
84 100
49 121.7 71.4 107.2#
51 26.3 24.5 36.7
86 65.6 48.7 73.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.287 min Scan# 799
Delta R.T. 0.124 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
86 0.0 12.5 18.7#

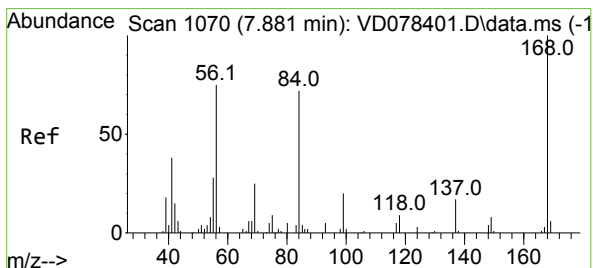
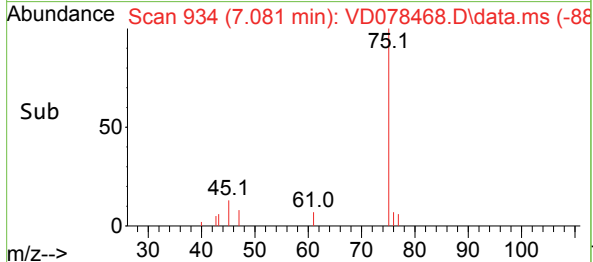
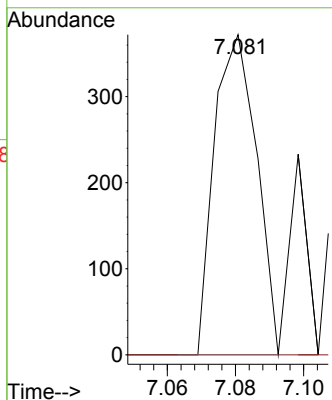
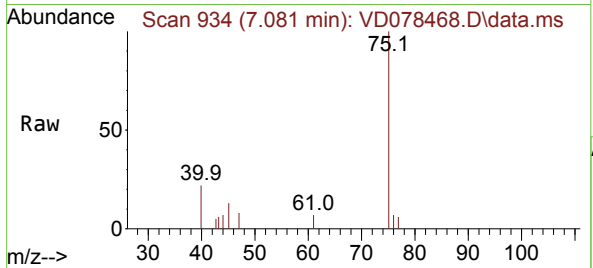




#25
2-Butanone
Concen: Below Cal
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

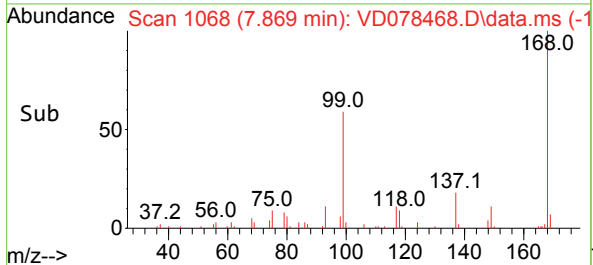
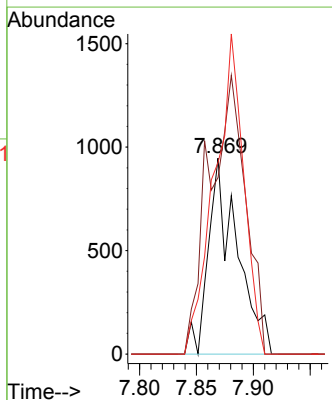
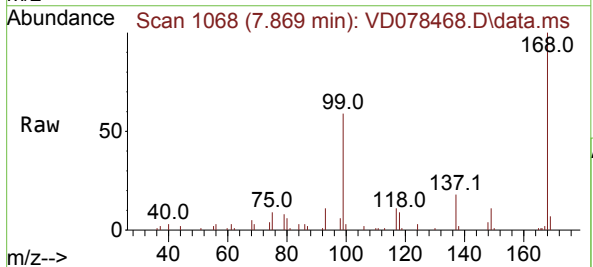
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-820-822RE

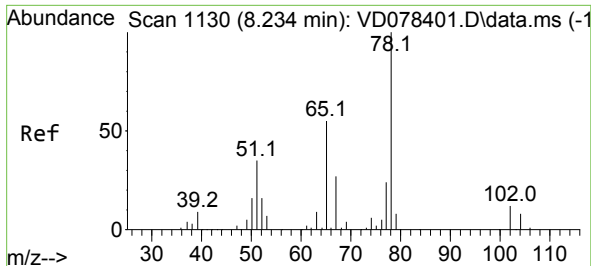
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

Tgt Ion: 56 Resp: 1676
Ion Ratio Lower Upper
56 100
69 90.1 28.6 43.0#
84 97.8 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 61.909 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078468.D

Acq: 19 Feb 2024 17:18

Instrument :

MSVOA_D

ClientSampleId :

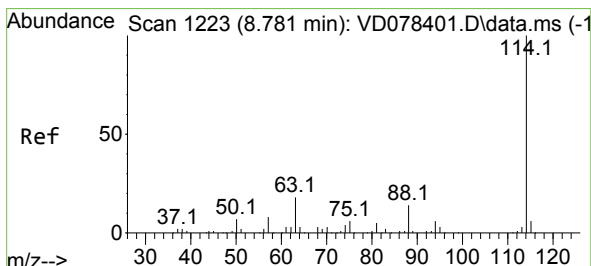
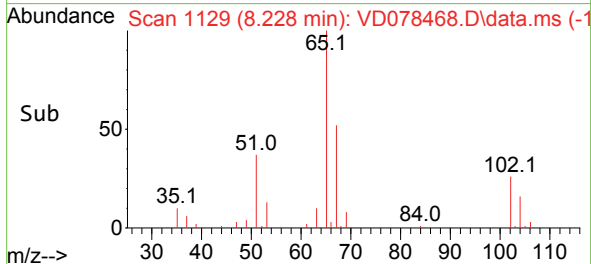
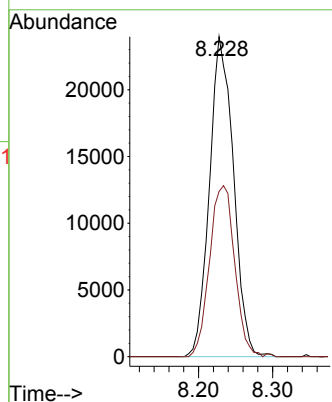
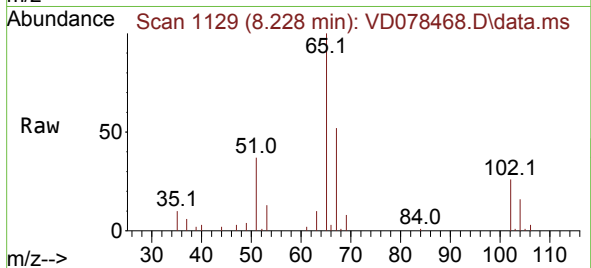
BP-VPB-195-GW-820-822RE

Tgt Ion: 65 Resp: 53929

Ion Ratio Lower Upper

65 100

67 55.9 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: VD078468.D

Acq: 19 Feb 2024 17:18

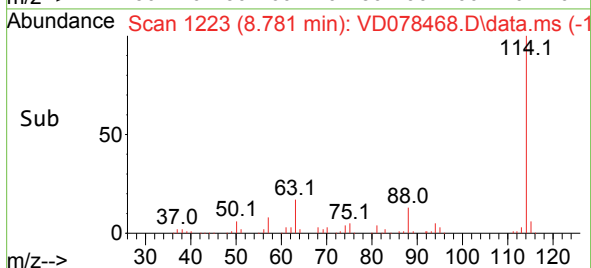
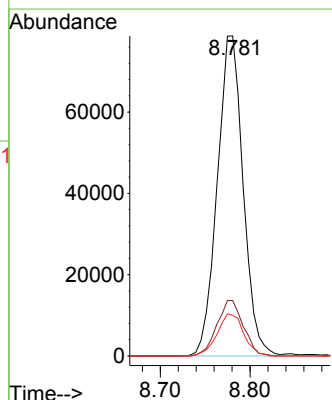
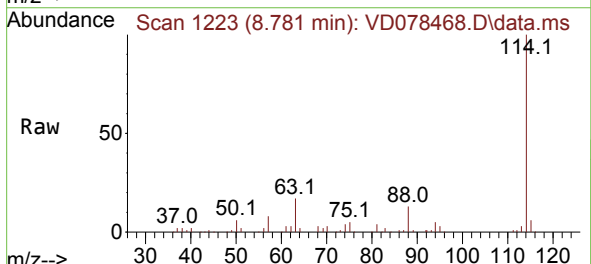
Tgt Ion:114 Resp: 157500

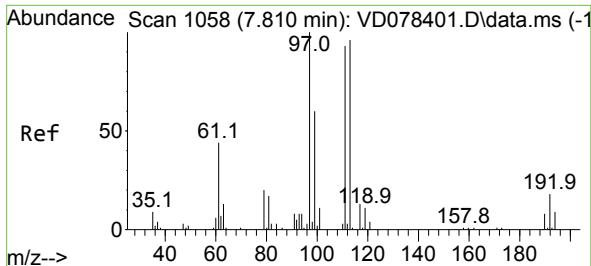
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 12.7 0.0 26.2

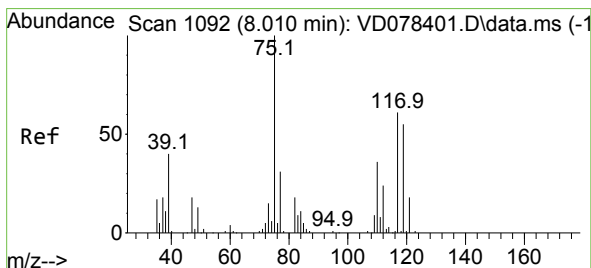
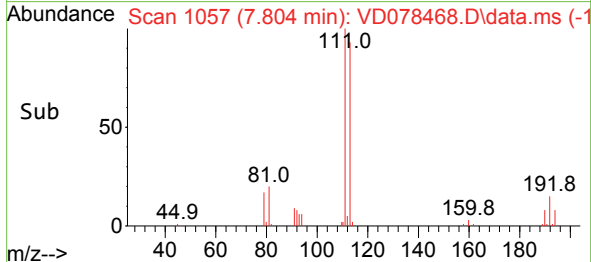
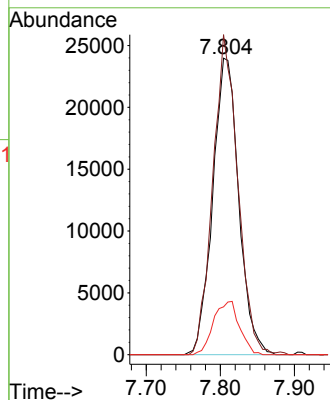
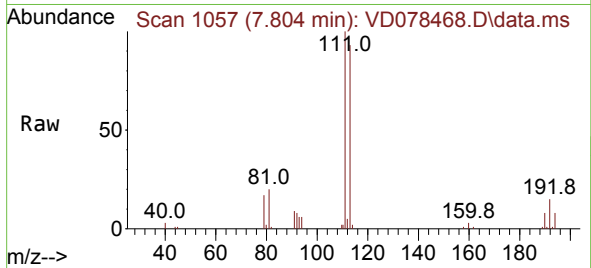




#35
Dibromofluoromethane
Concen: 58.406 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

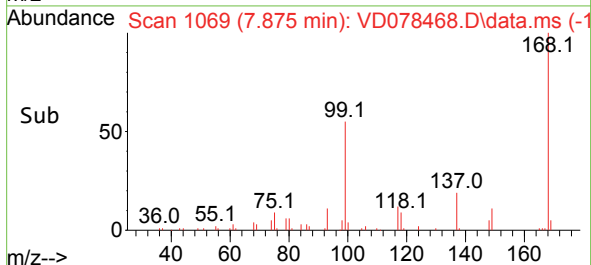
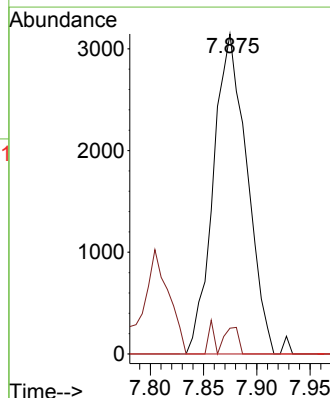
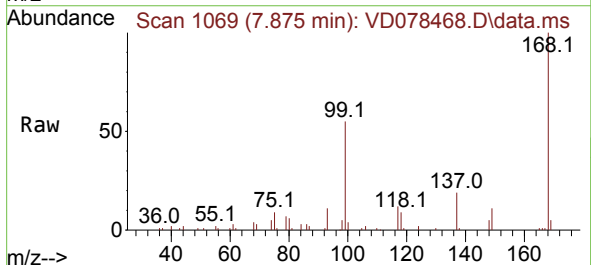
Instrument :
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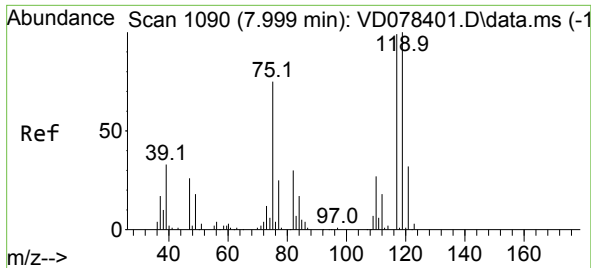
Tgt Ion:113 Resp: 58433
Ion Ratio Lower Upper
113 100
111 103.6 84.7 127.1
192 17.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.439 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

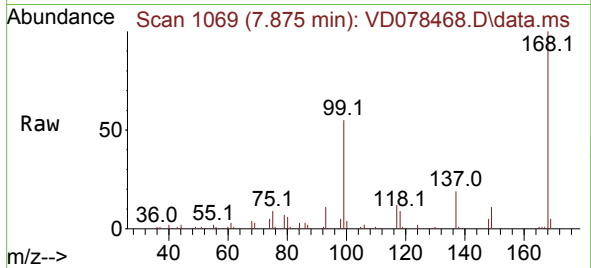
Tgt Ion: 75 Resp: 6899
Ion Ratio Lower Upper
75 100
110 3.5 19.9 59.6#
77 0.0 24.7 37.1#



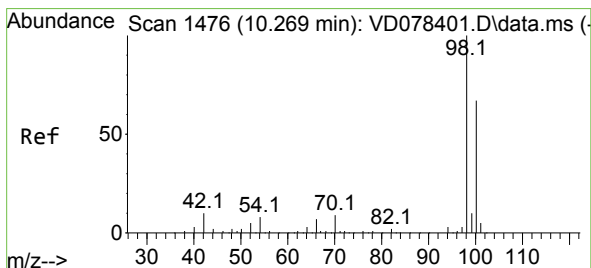
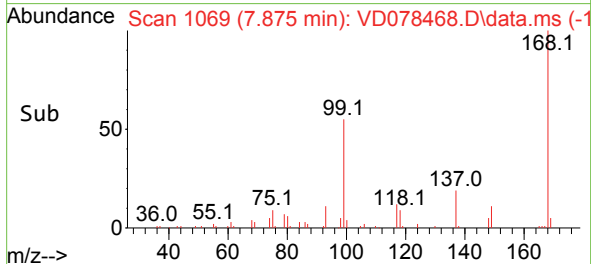
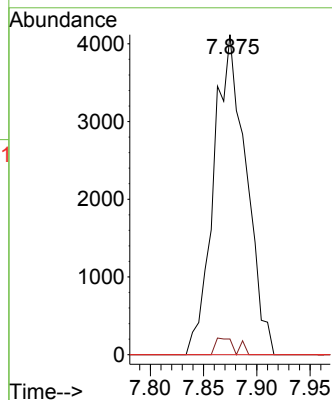


#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-820-822RE

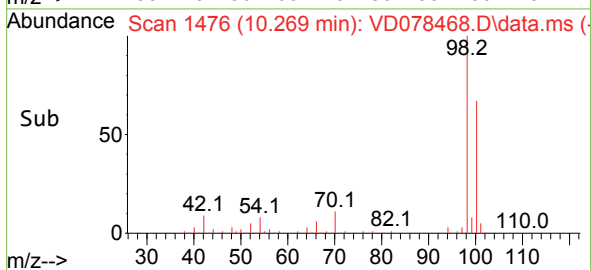
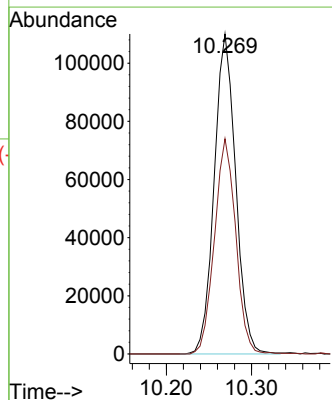
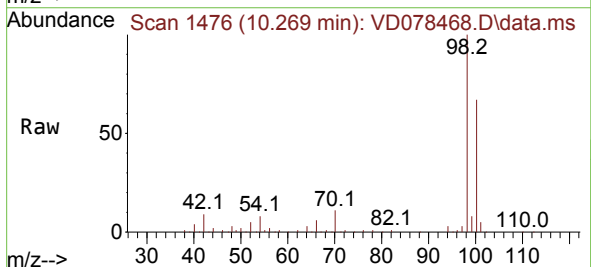


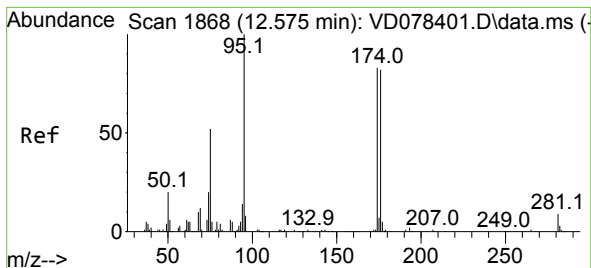
Tgt Ion:117 Resp: 8696
Ion Ratio Lower Upper
117 100
119 4.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.174 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

Tgt Ion: 98 Resp: 192800
Ion Ratio Lower Upper
98 100
100 66.8 50.3 75.5

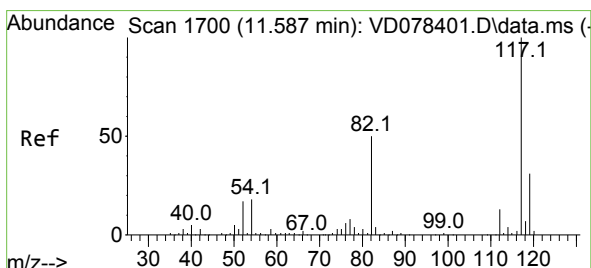
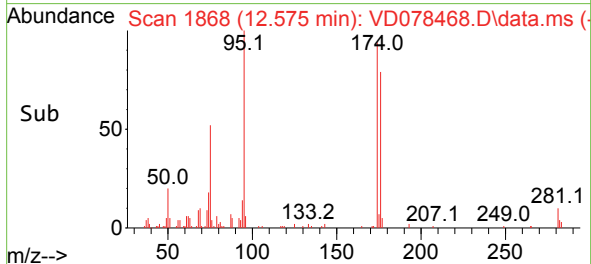
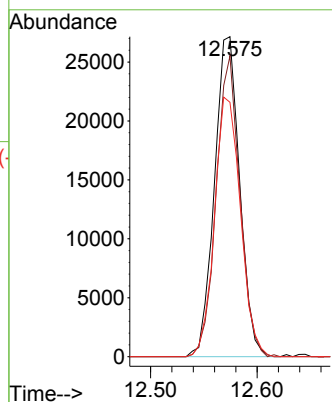
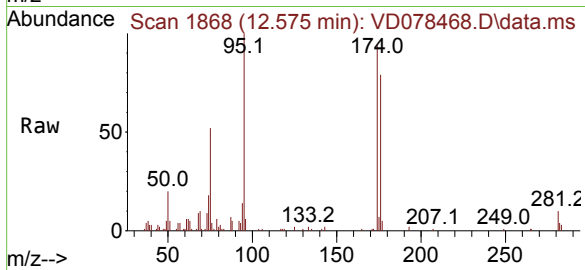




#62
4-Bromofluorobenzene
Concen: 38.201 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

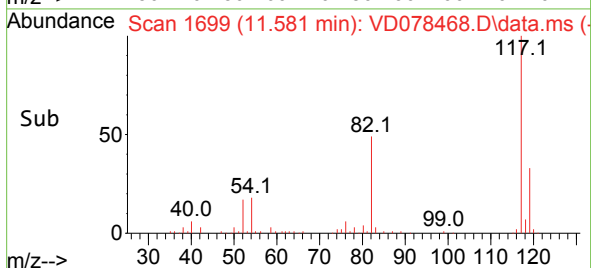
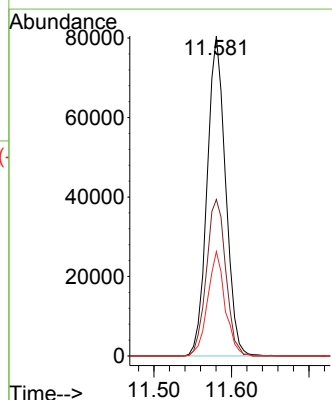
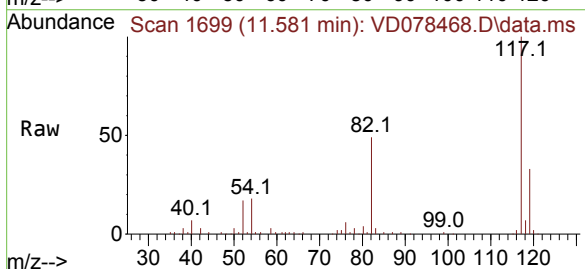
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-820-822RE

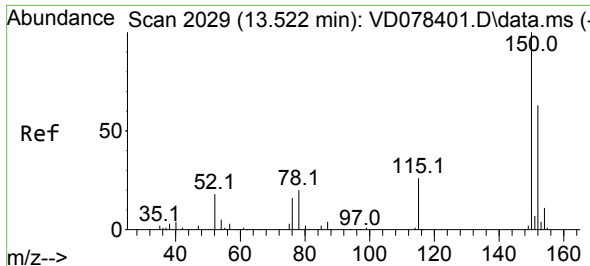
Tgt Ion:	95	Resp:	44491
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	201.8
176	83.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078468.D
Acq: 19 Feb 2024 17:18

Tgt Ion:	117	Resp:	132933
Ion	Ratio	Lower	Upper
117	100		
82	48.9	38.3	57.5
119	32.7	25.0	37.4

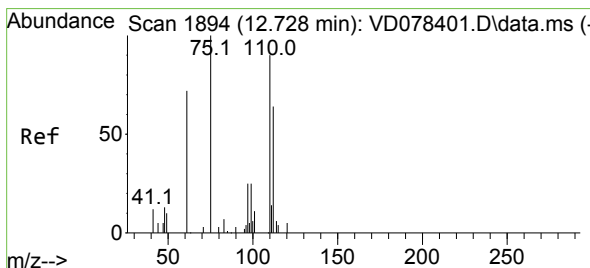
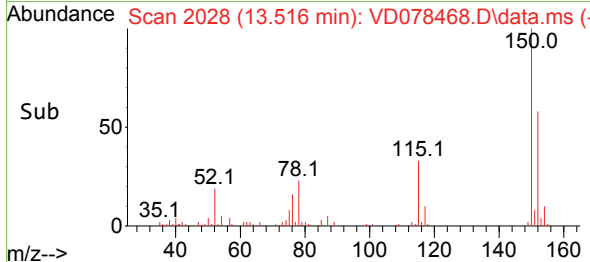
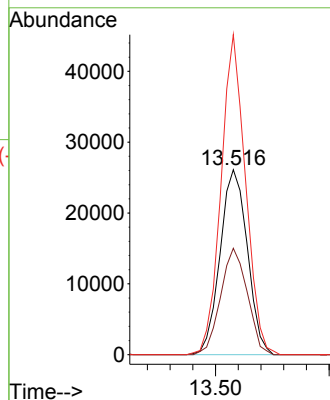
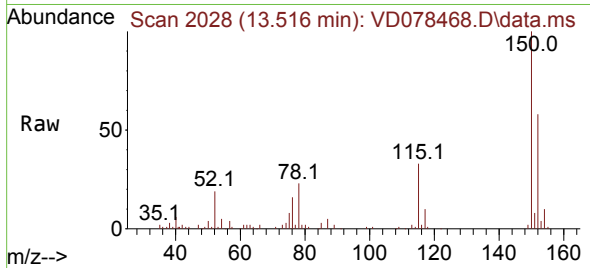




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD078468.D
 Acq: 19 Feb 2024 17:18

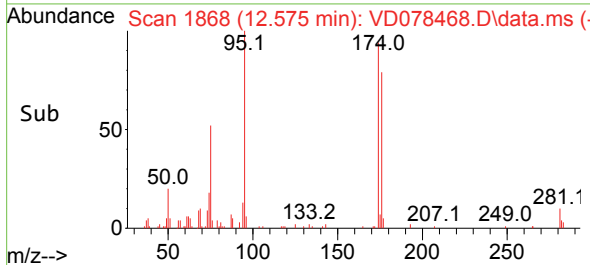
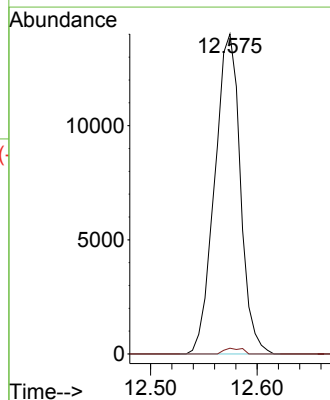
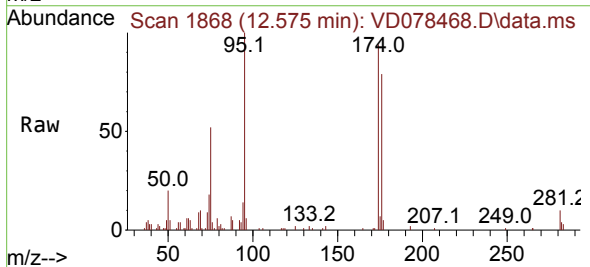
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-195-GW-820-822RE

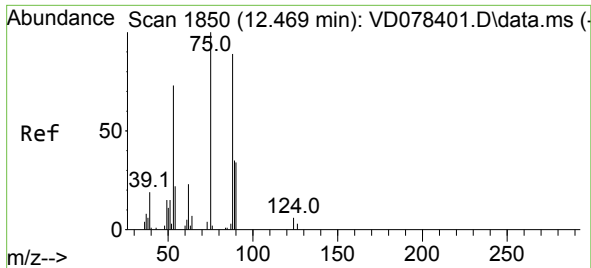
Tgt Ion:152 Resp: 43520
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.1 81.3
 150 155.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 63.323 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078468.D
 Acq: 19 Feb 2024 17:18

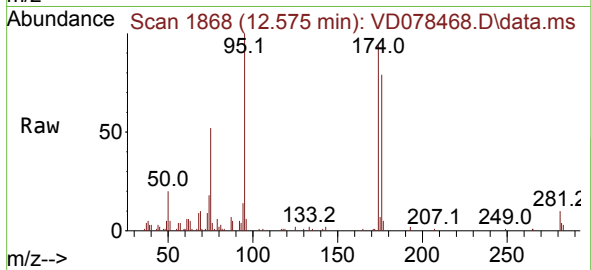
Tgt Ion: 75 Resp: 23396
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.460 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078468.D
 Acq: 19 Feb 2024 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-195-GW-820-822RE



Tgt Ion:	75	Resp:	23396
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

