

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078799.D
 Acq On : 29 Mar 2024 18:39
 Operator : RP/MD
 Sample : P1938-01
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-02-032924

Quant Time: Mar 30 00:09:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

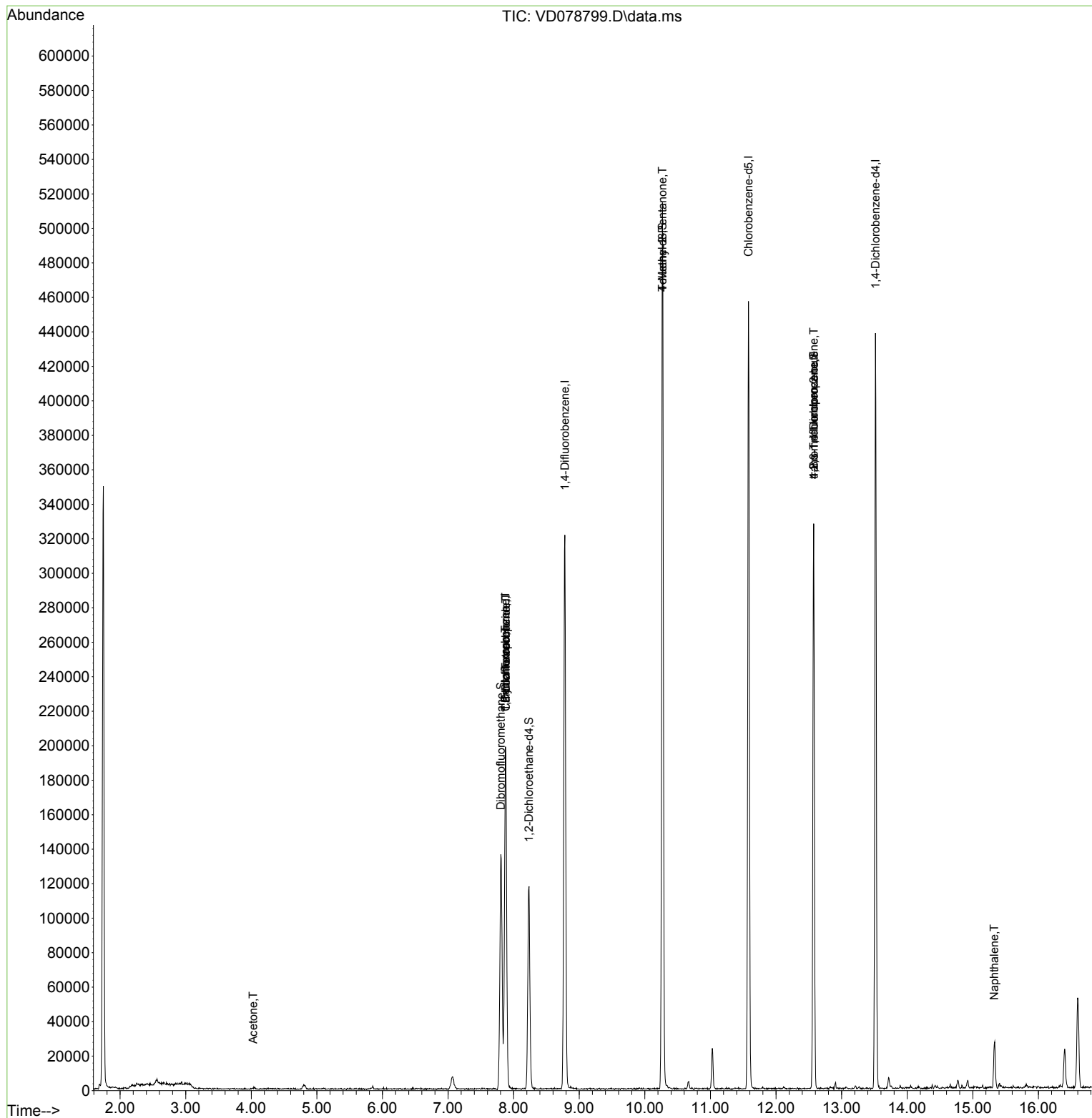
Internal Standards						
1) Pentafluorobenzene	7.875	168	159115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	300847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88994	59.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.360%	
35) Dibromofluoromethane	7.804	113	97921	50.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.100%	
50) Toluene-d8	10.269	98	360738	50.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.575	95	96101	46.112	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	659	2.285	ug/l #	78
20) Methylene Chloride	4.787	84	665	Below Cal	#	57
31) Cyclohexane	7.875	56	3480	1.388	ug/l #	17
36) 1,1-Dichloropropene	7.881	75	11860	4.220	ug/l #	48
38) Carbon Tetrachloride	7.881	117	15086	5.092	ug/l #	11
51) 4-Methyl-2-Pentanone	10.269	43	1262	1.446	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	49843	54.604	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	49843	114.459	ug/l #	19
95) Naphthalene	15.328	128	24628	6.903	ug/l	97

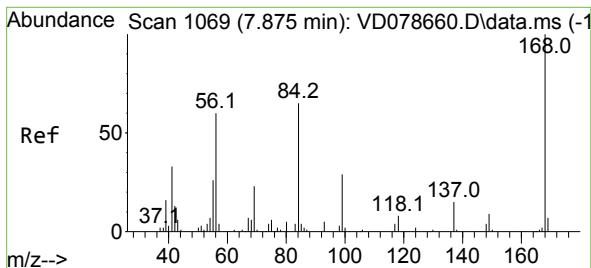
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 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: VD078799.D

Acq: 29 Mar 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

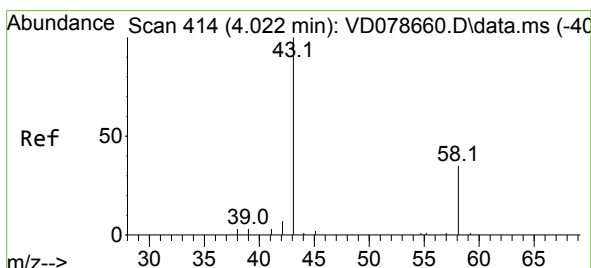
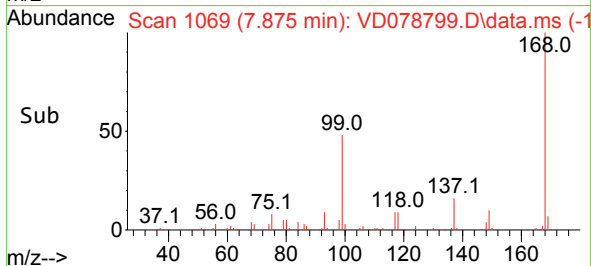
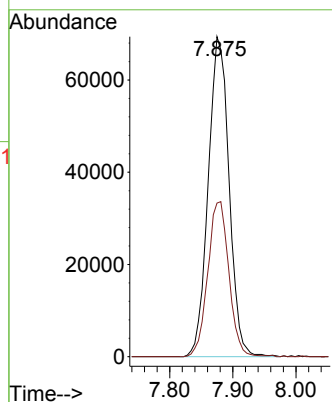
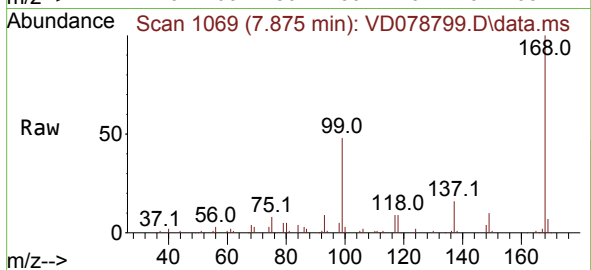
PAT-02-032924

Tgt Ion:168 Resp: 159115

Ion Ratio Lower Upper

168 100

99 48.0 38.8 58.2



#16

Acetone

Concen: 2.285 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD078799.D

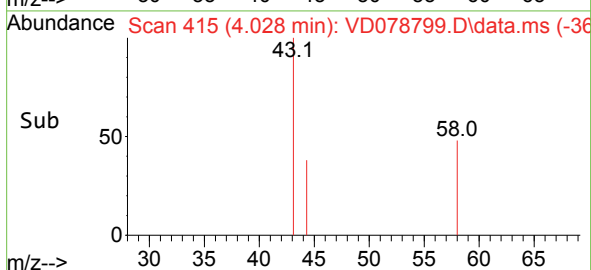
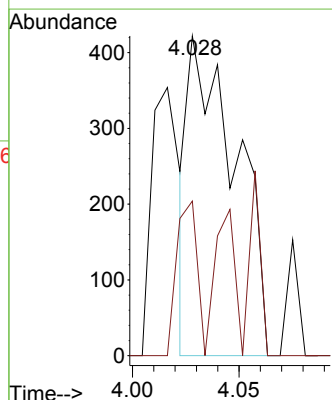
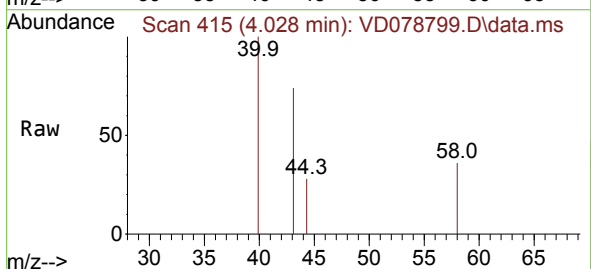
Acq: 29 Mar 2024 18:39

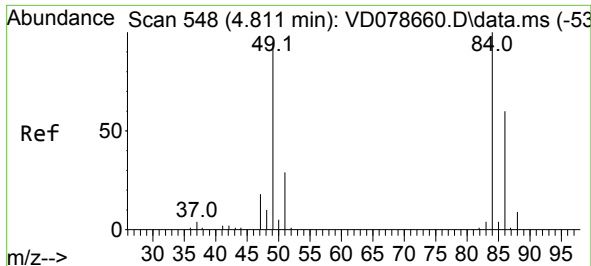
Tgt Ion: 43 Resp: 659

Ion Ratio Lower Upper

43 100

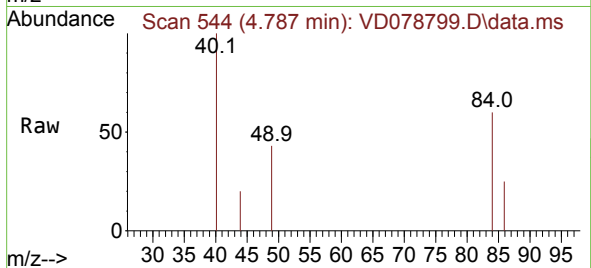
58 48.3 28.2 42.4#





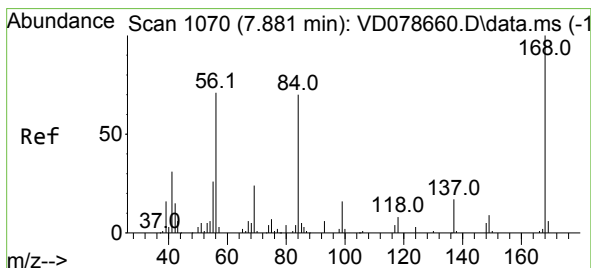
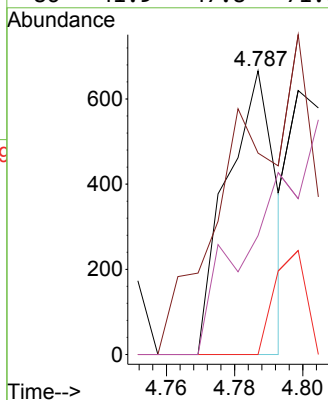
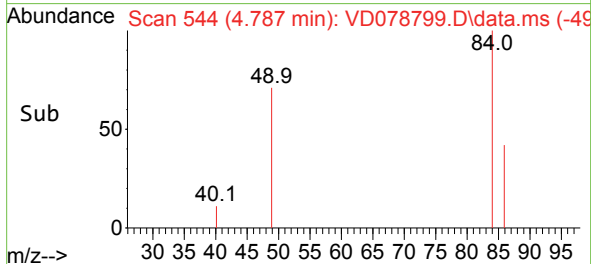
#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.024 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :
PAT-02-032924



Tgt Ion: 84 Resp: 665

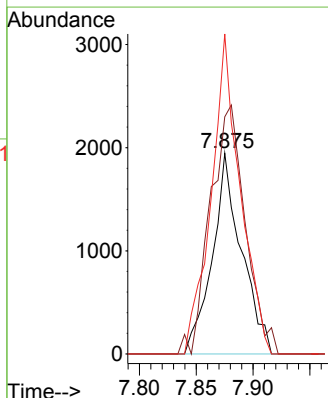
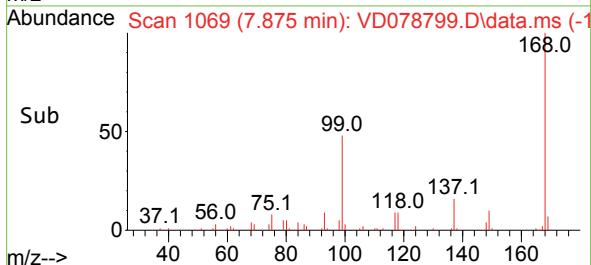
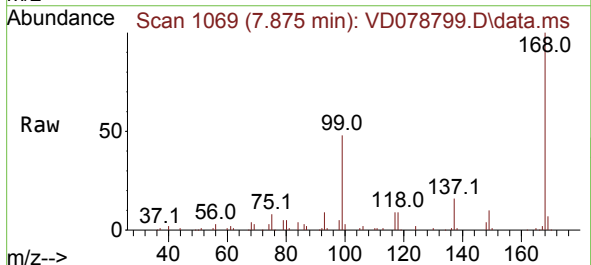
Ion	Ratio	Lower	Upper
84	100		
49	43.5	75.6	113.4#
51	0.0	23.4	35.0#
86	41.9	47.8	71.6#

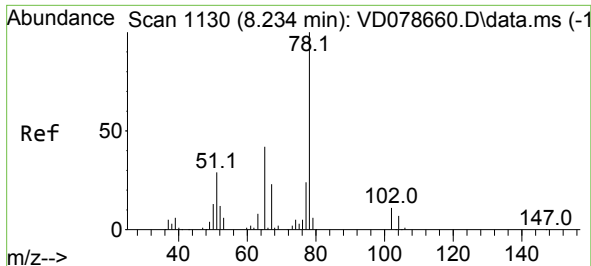


#31
Cyclohexane
Concen: 1.388 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

Tgt Ion: 56 Resp: 3480

Ion	Ratio	Lower	Upper
56	100		
69	118.1	26.6	40.0#
84	159.4	79.4	119.2#





#33

1,2-Dichloroethane-d4

Concen: 59.681 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078799.D

Acq: 29 Mar 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

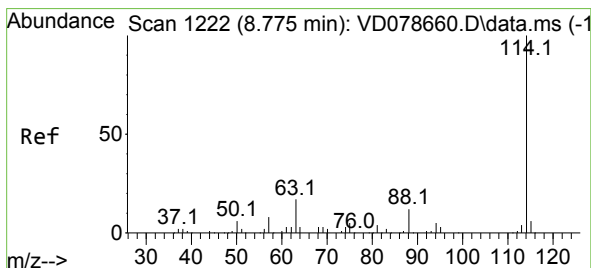
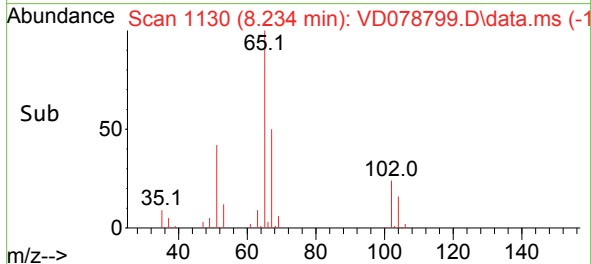
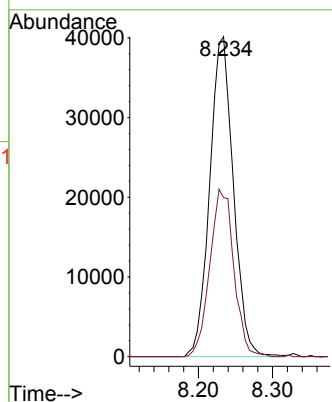
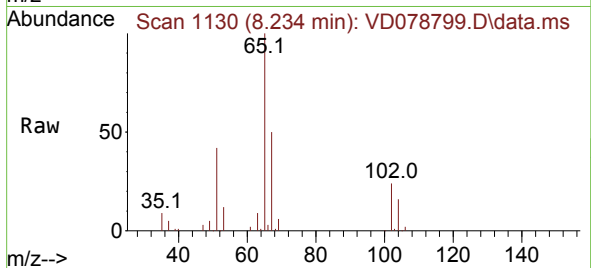
PAT-02-032924

Tgt Ion: 65 Resp: 88994

Ion Ratio Lower Upper

65 100

67 53.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078799.D

Acq: 29 Mar 2024 18:39

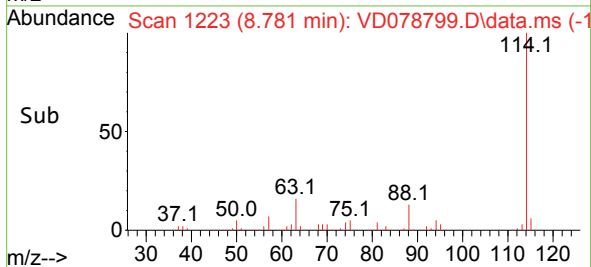
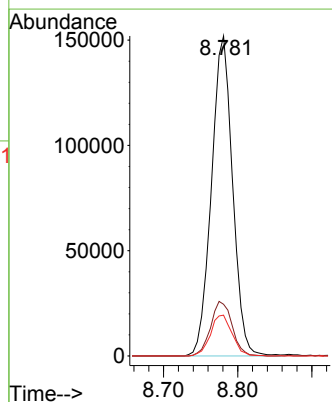
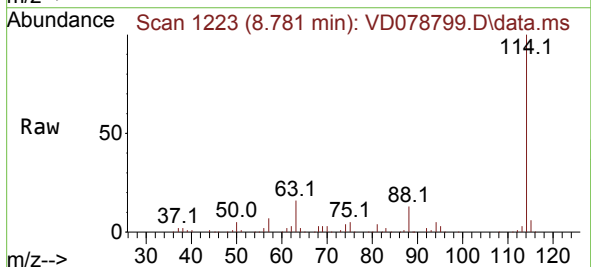
Tgt Ion: 114 Resp: 300847

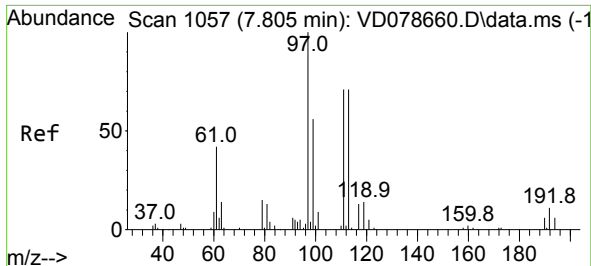
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 12.8 0.0 24.6

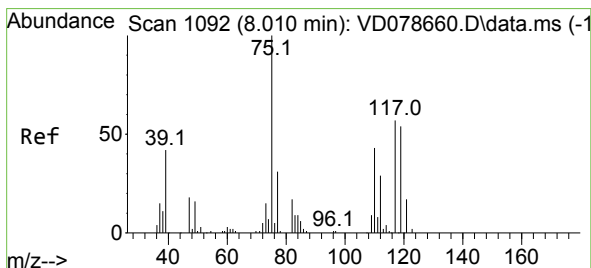
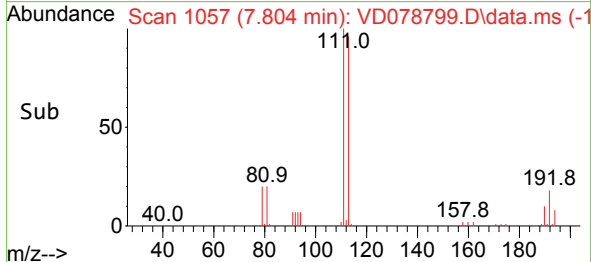
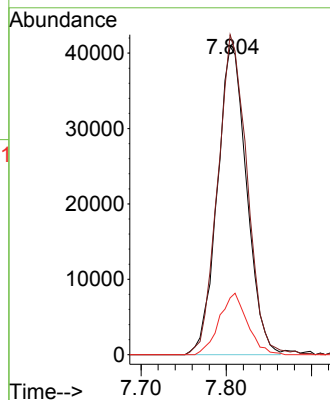
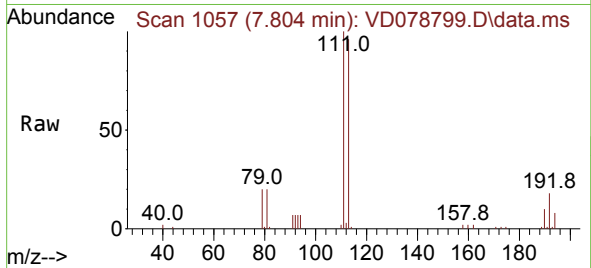




#35
Dibromofluoromethane
Concen: 50.553 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

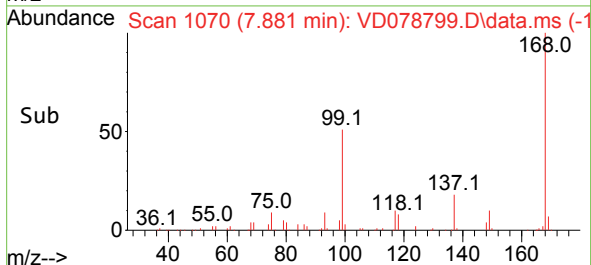
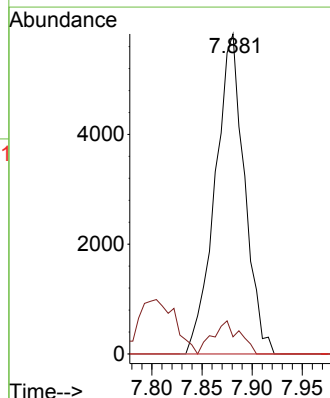
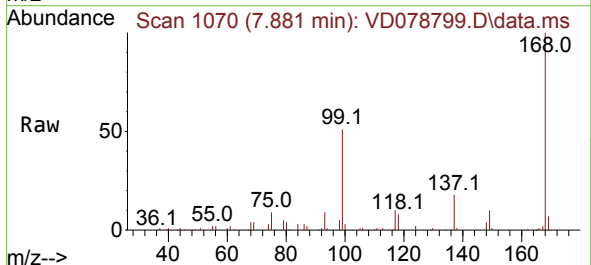
Instrument :
MSVOA_D
ClientSampleId :
PAT-02-032924

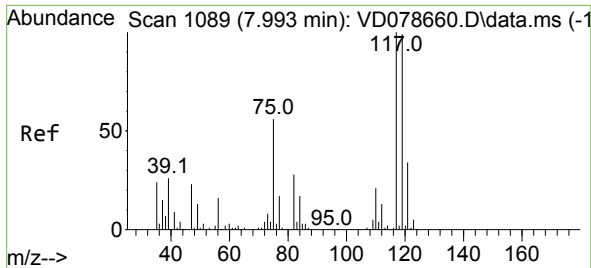
Tgt Ion:113 Resp: 97921
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 19.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.220 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

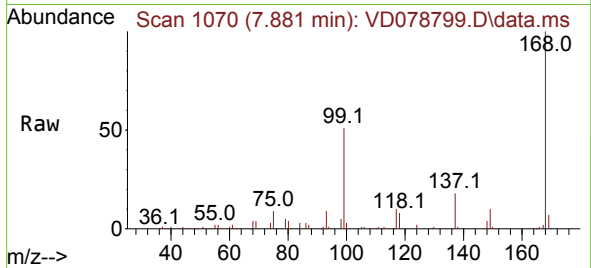
Tgt Ion: 75 Resp: 11860
Ion Ratio Lower Upper
75 100
110 9.4 19.1 57.1#
77 0.0 25.4 38.2#



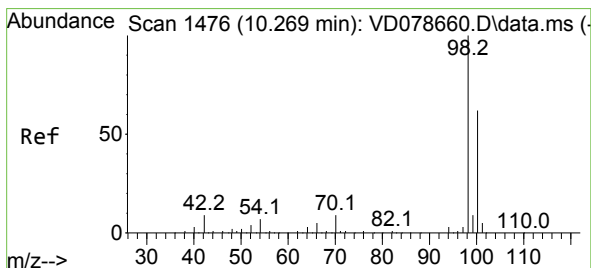
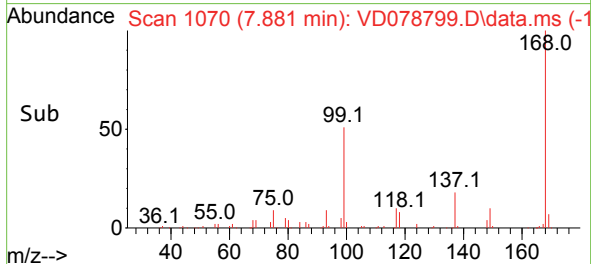
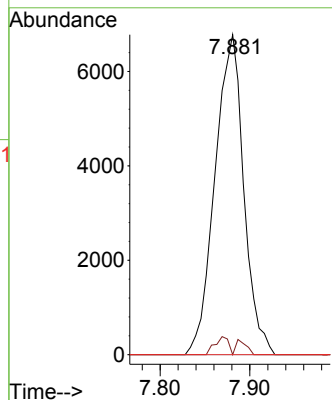


#38
Carbon Tetrachloride
Concen: 5.092 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :
PAT-02-032924

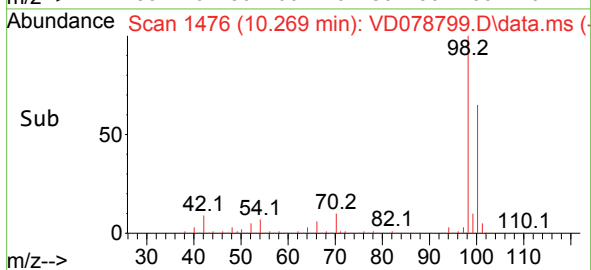
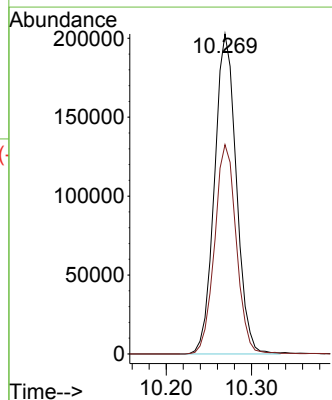
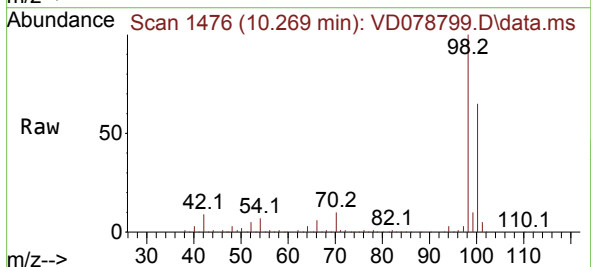


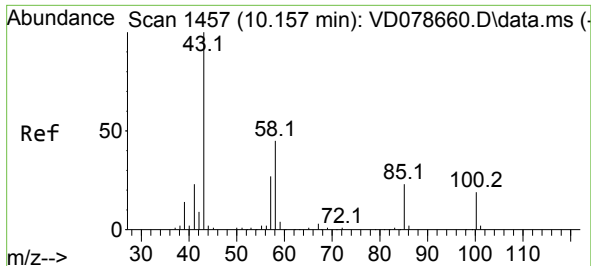
Tgt Ion:117 Resp: 15086
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 50.639 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

Tgt Ion: 98 Resp: 360738
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 1.446 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD078799.D

Acq: 29 Mar 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

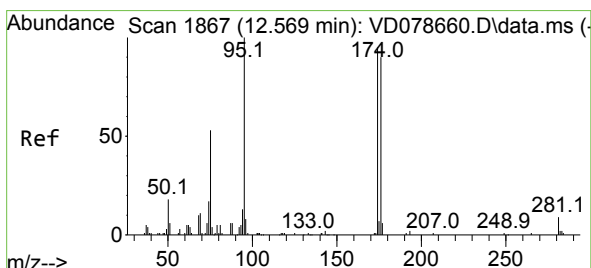
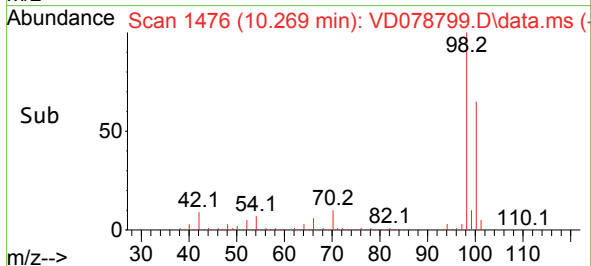
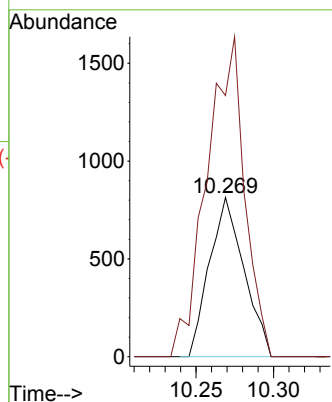
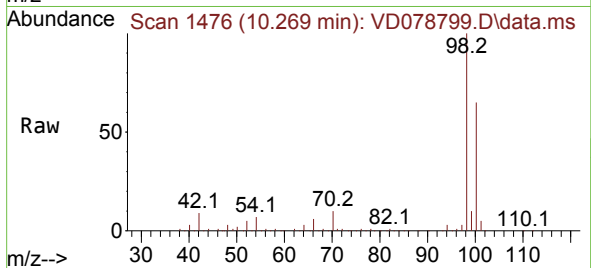
PAT-02-032924

Tgt Ion: 43 Resp: 1262

Ion Ratio Lower Upper

43 100

58 219.9 36.4 54.6#



#62

4-Bromofluorobenzene

Concen: 46.112 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078799.D

Acq: 29 Mar 2024 18:39

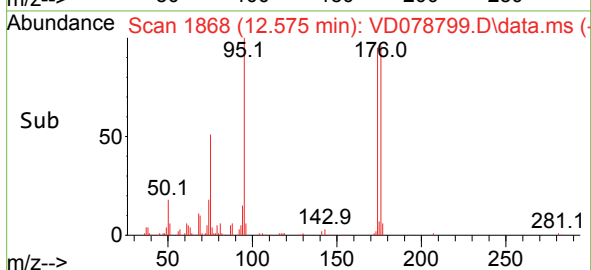
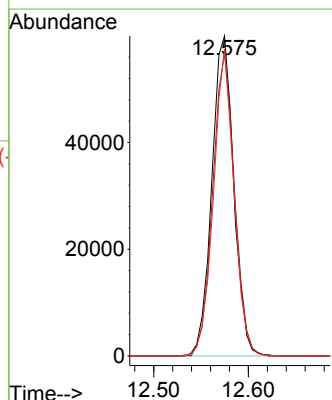
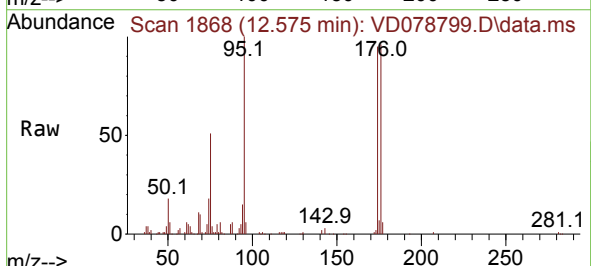
Tgt Ion: 95 Resp: 96101

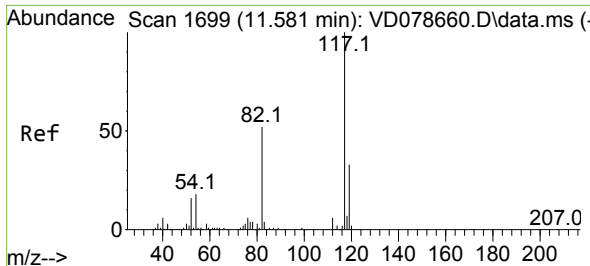
Ion Ratio Lower Upper

95 100

174 94.4 0.0 195.2

176 90.2 0.0 188.2

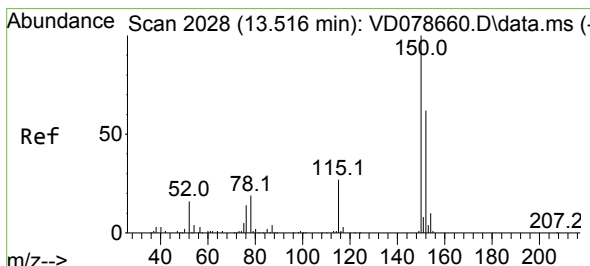
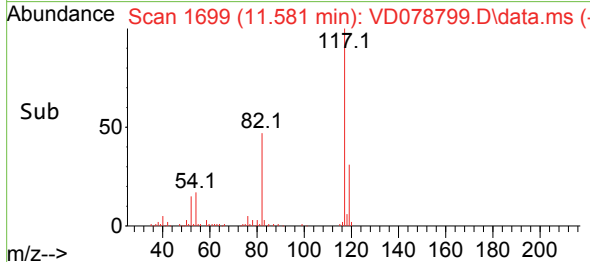
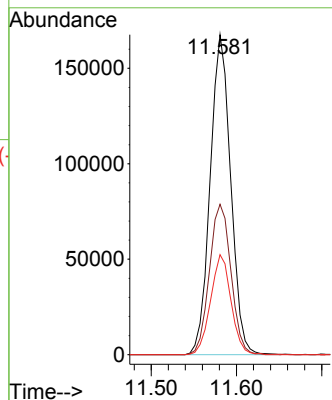
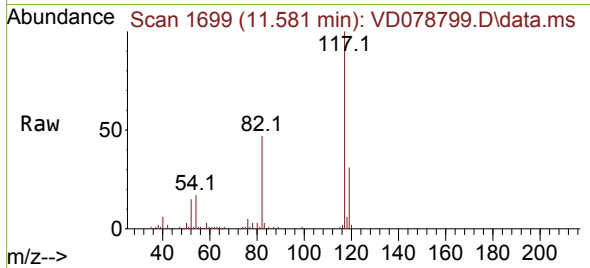




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

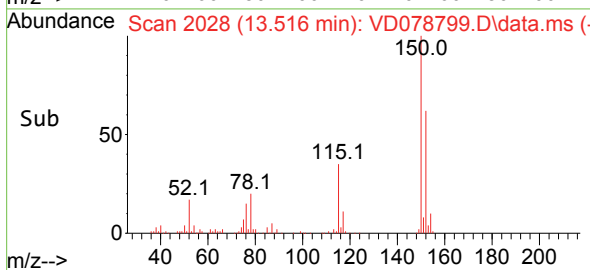
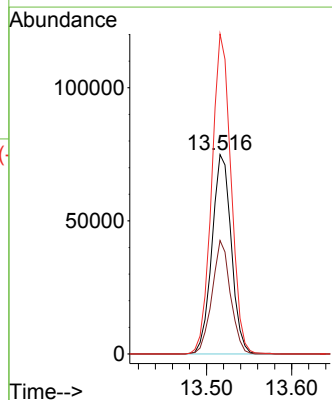
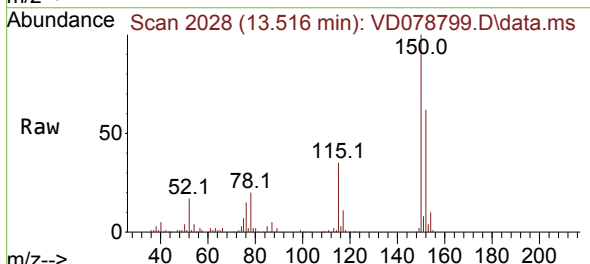
Instrument :
MSVOA_D
ClientSampleId :
PAT-02-032924

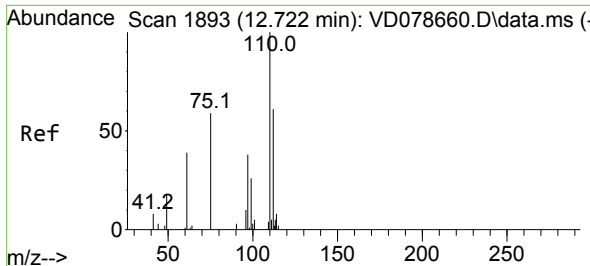
Tgt Ion:117 Resp: 280548
Ion Ratio Lower Upper
117 100
82 47.0 41.4 62.2
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

Tgt Ion:152 Resp: 118479
Ion Ratio Lower Upper
152 100
115 54.2 27.1 81.2
150 159.6 0.0 350.2

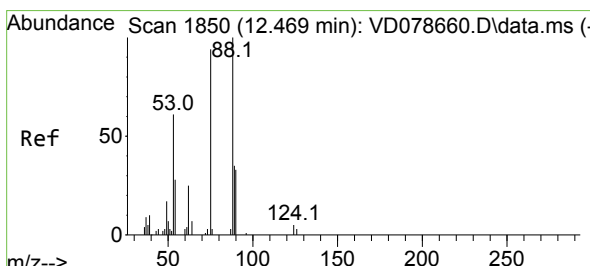
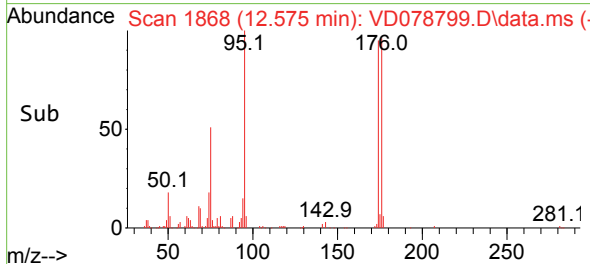
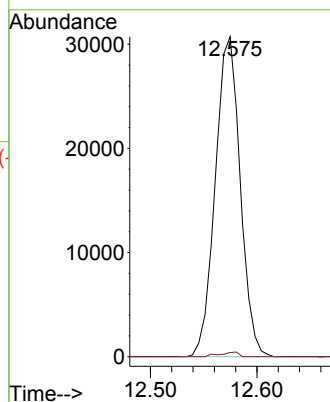
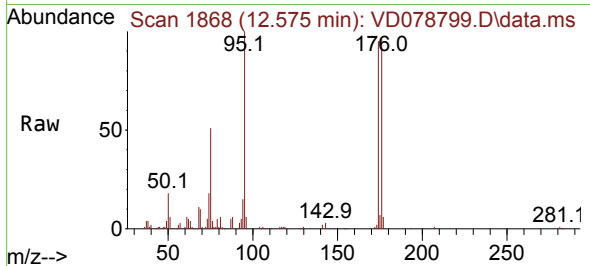




#76
1,2,3-Trichloropropane
Concen: 54.604 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

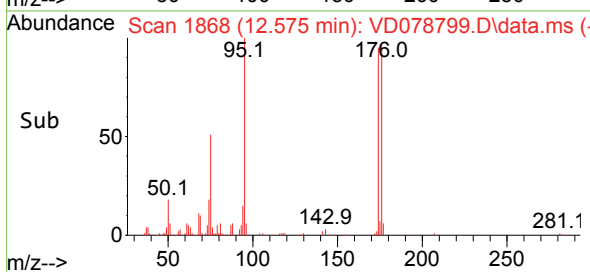
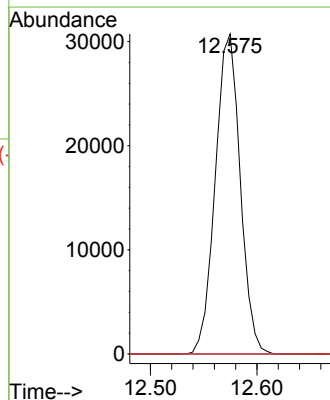
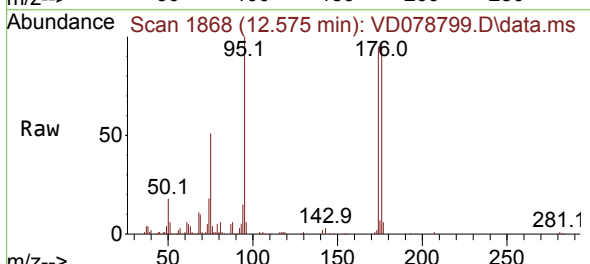
Instrument :
MSVOA_D
ClientSampleId :
PAT-02-032924

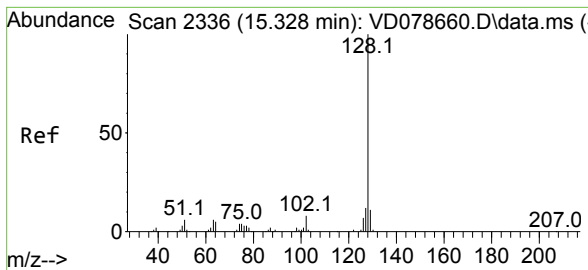
Tgt Ion: 75 Resp: 49843
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.459 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

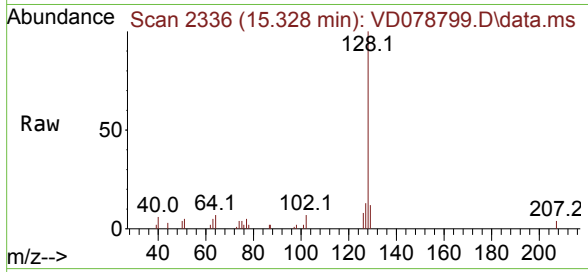
Tgt Ion: 75 Resp: 49843
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#





#95
 Naphthalene
 Concen: 6.903 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078799.D
 Acq: 29 Mar 2024 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-02-032924



Tgt Ion:	128	Resp:	24628
Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.3	13.9
129	12.1	8.9	13.3

