

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075707.D
 Acq On : 17 Apr 2023 18:06
 Operator : KP/SY
 Sample : 02270-09
 Misc : 2.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-25-10-12-20230411

Quant Time: Apr 18 01:19:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

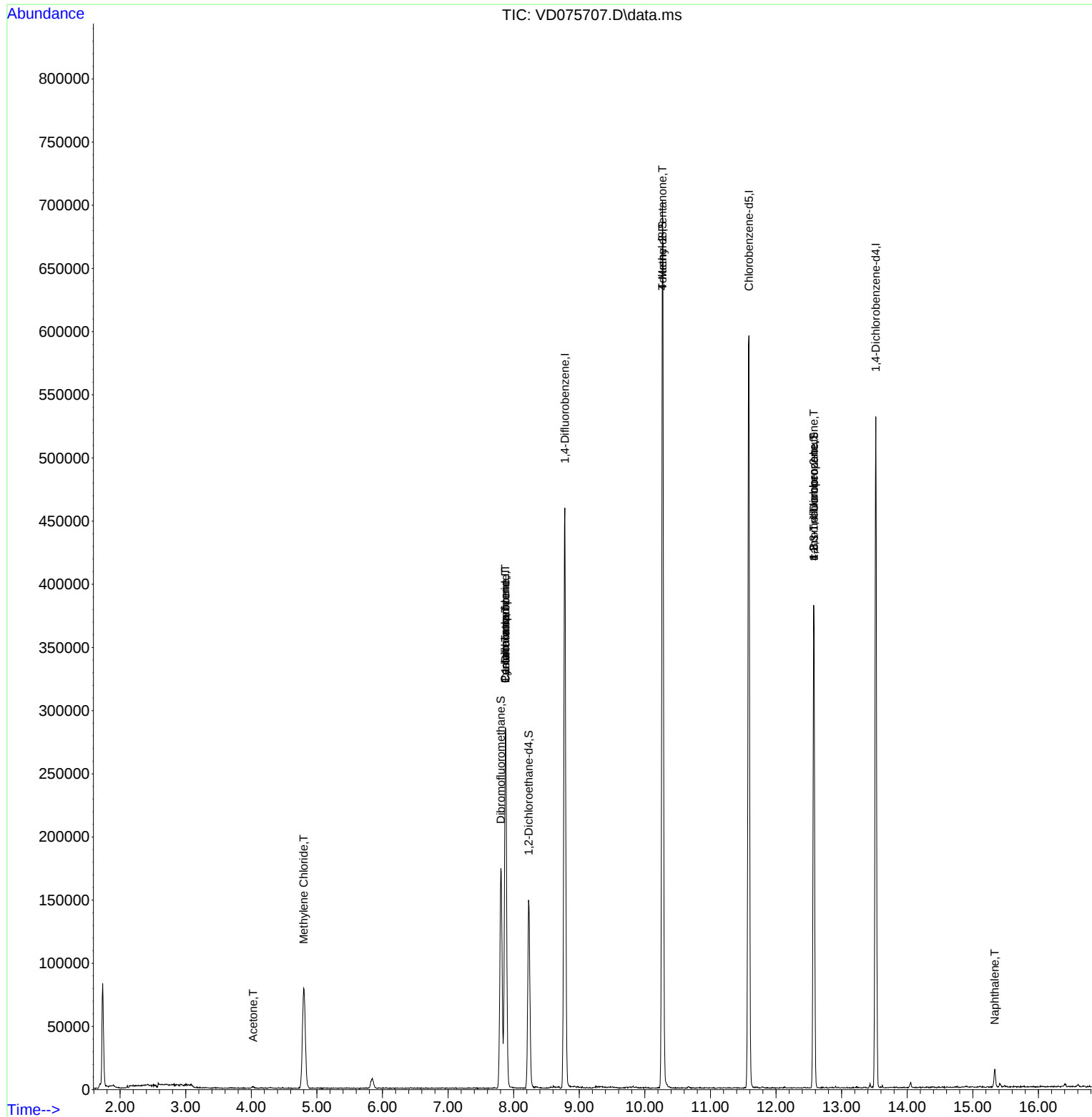
Internal Standards						
1) Pentafluorobenzene	7.875	168	236081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	439696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	384316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	151561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113710	50.744	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 101.480%		
35) Dibromofluoromethane	7.804	113	130671	44.185	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 88.360%		
50) Toluene-d8	10.269	98	515965	43.567	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 87.140%		
62) 4-Bromofluorobenzene	12.575	95	122925	39.050	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 78.100%		
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1760	4.287	ug/l	94
20) Methylene Chloride	4.799	84	73075	20.269	ug/l #	73
31) Cyclohexane	7.875	56	4652	1.323	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	16947	4.154	ug/l #	51
38) Carbon Tetrachloride	7.875	117	21666	6.030	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1267	1.050	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	60139	48.657	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	60139	105.460	ug/l #	5
95) Naphthalene	15.333	128	13147	2.610	ug/l #	93

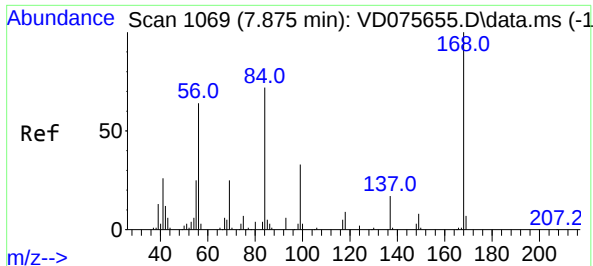
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-25-10-12-20230411

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

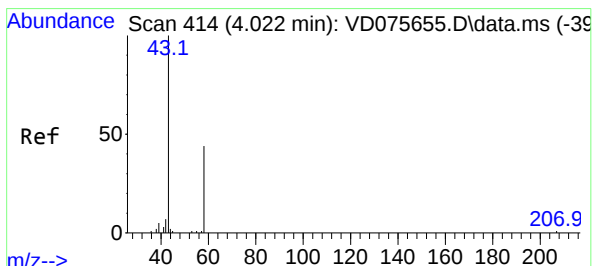
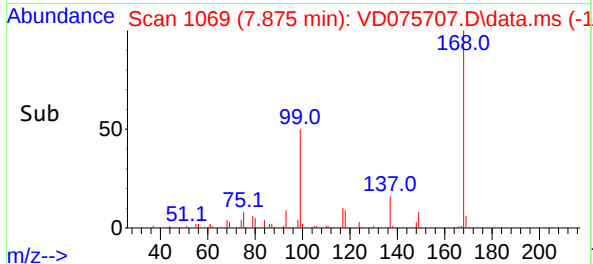
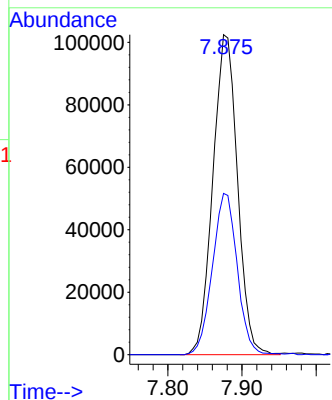
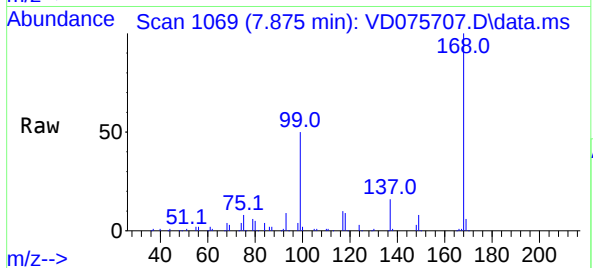




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

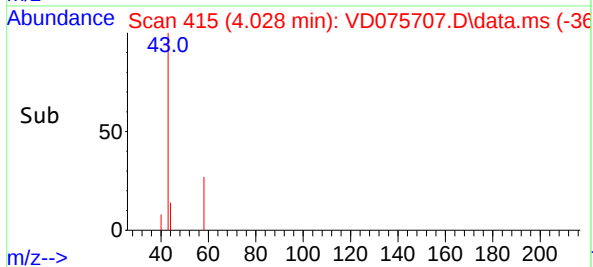
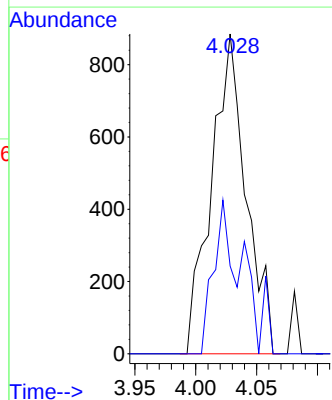
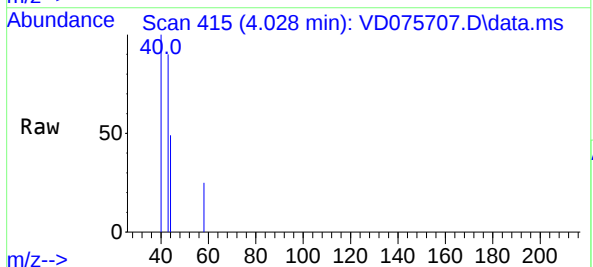
Instrument :
MSVOA_D
ClientSampleId :
SB-25-10-12-20230411

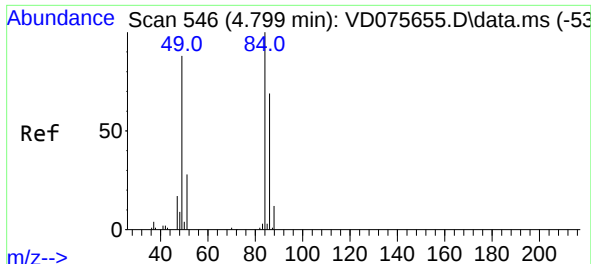
Tgt Ion:168 Resp: 236081
Ion Ratio Lower Upper
168 100
99 50.4 43.8 65.6



#16
Acetone
Concen: 4.287 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
58 27.5 24.4 36.6

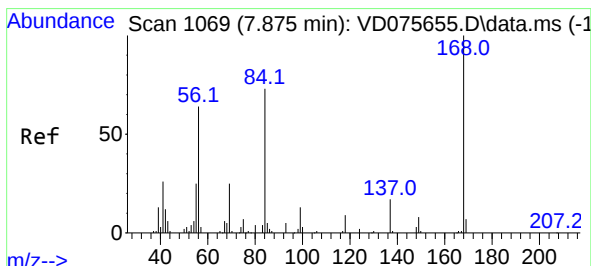
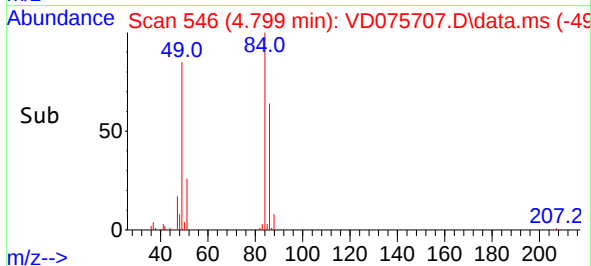
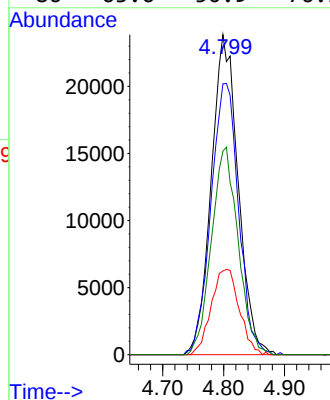
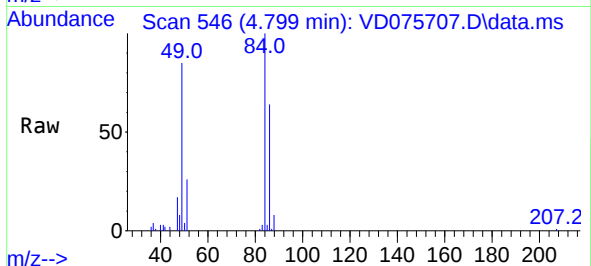




#20
Methylene Chloride
Concen: 20.269 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

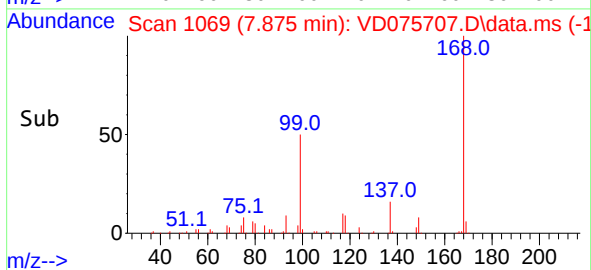
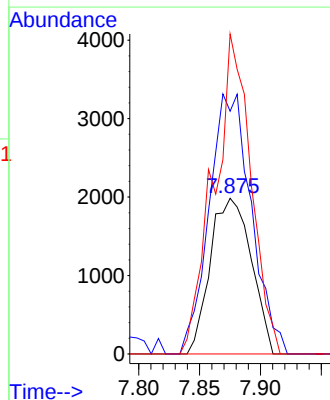
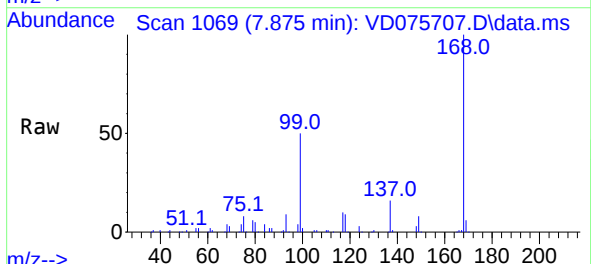
Instrument :
MSVOA_D
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SB-25-10-12-20230411

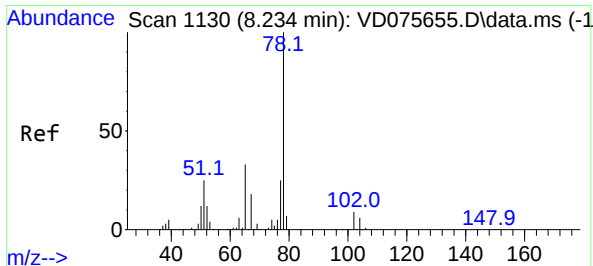
Tgt Ion:	84	Resp:	73075
Ion	Ratio	Lower	Upper
84	100		
49	84.6	106.4	159.6#
51	26.2	32.4	48.6#
86	63.6	50.9	76.3



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Tgt Ion:	56	Resp:	4652
Ion	Ratio	Lower	Upper
56	100		
69	156.0	25.5	38.3#
84	205.6	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 50.744 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD075707.D

Acq: 17 Apr 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

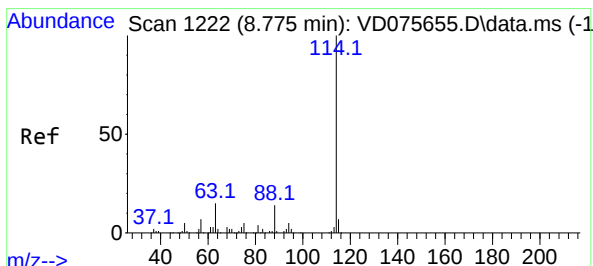
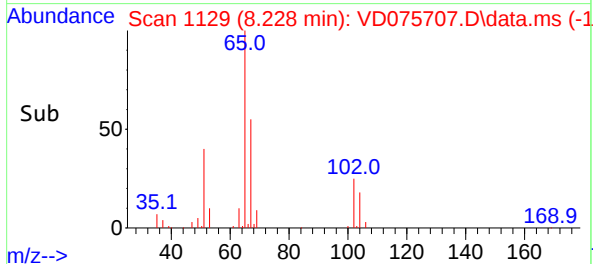
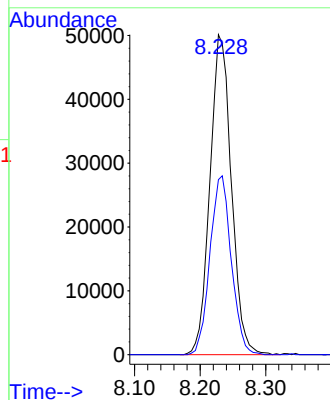
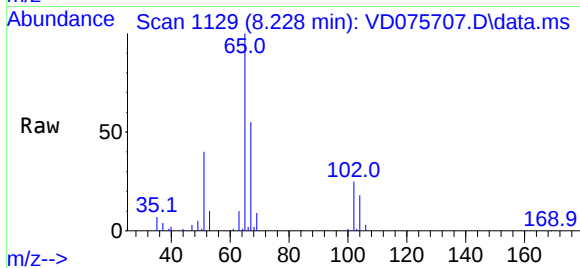
SB-25-10-12-20230411

Tgt Ion: 65 Resp: 113710

Ion Ratio Lower Upper

65 100

67 55.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075707.D

Acq: 17 Apr 2023 18:06

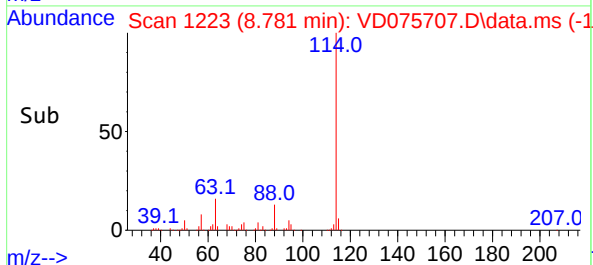
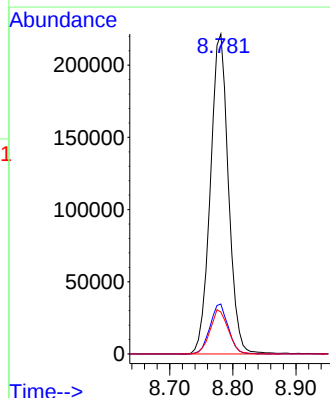
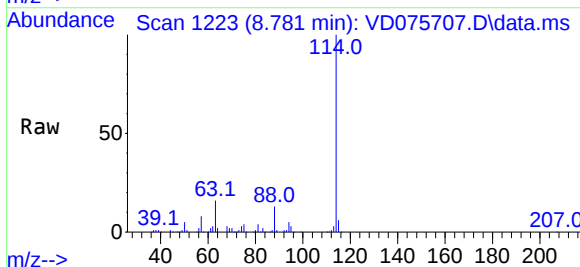
Tgt Ion: 114 Resp: 439696

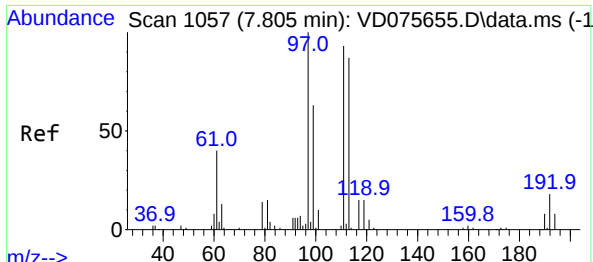
Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

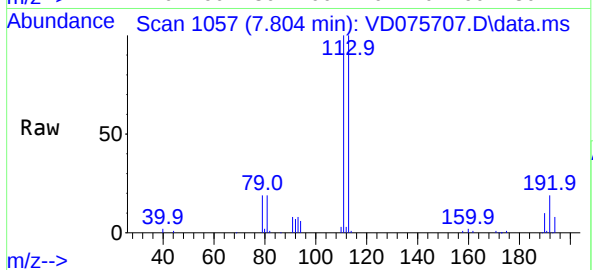
88 13.1 0.0 30.6



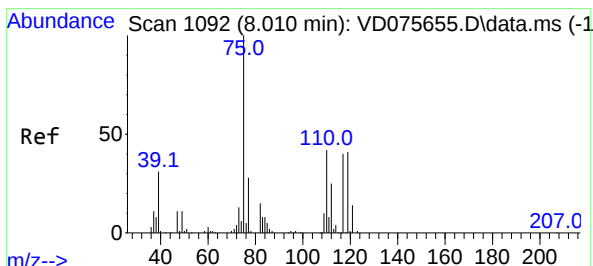
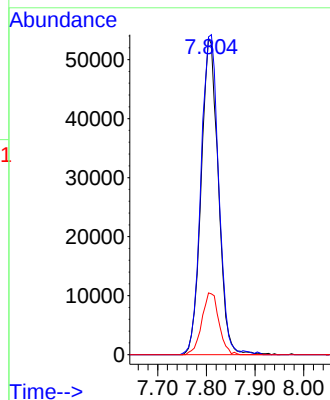
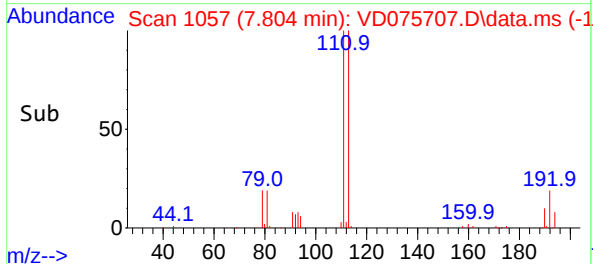


#35
Dibromofluoromethane
Concen: 44.185 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Instrument : MSVOA_D
ClientSampleId : SB-25-10-12-20230411

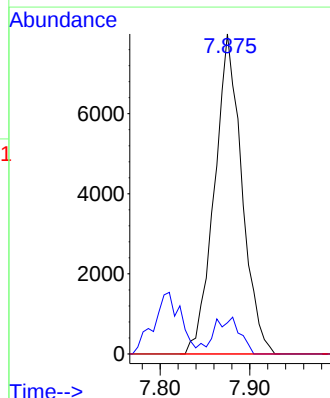
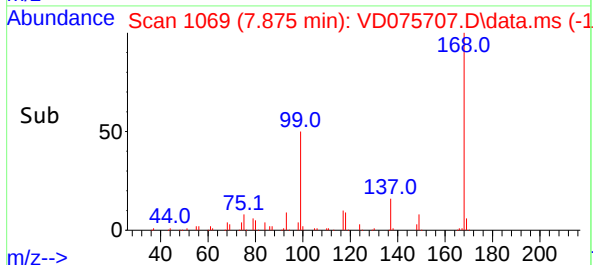
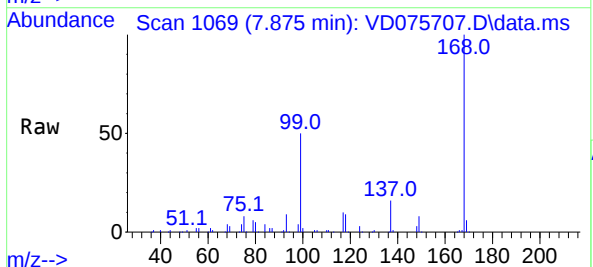


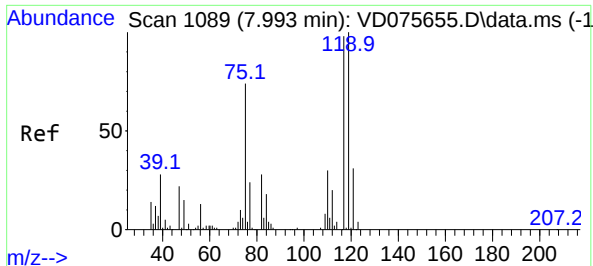
Tgt Ion:113 Resp: 130671
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 19.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.154 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Tgt Ion: 75 Resp: 16947
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.6 36.8#

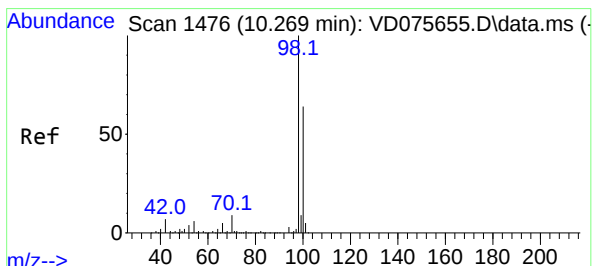
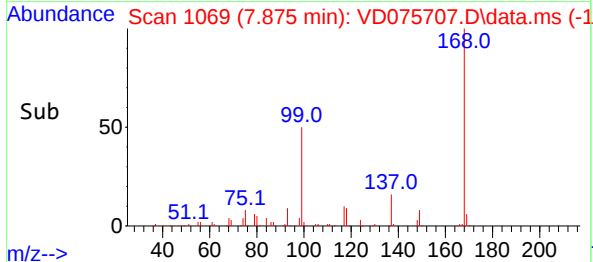
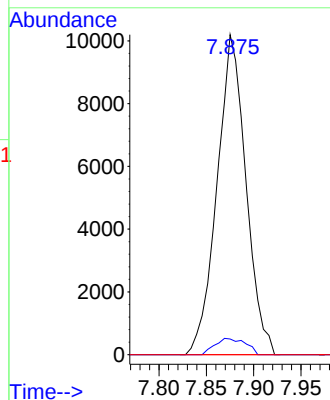
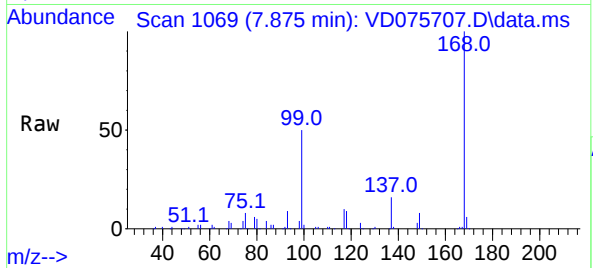




#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

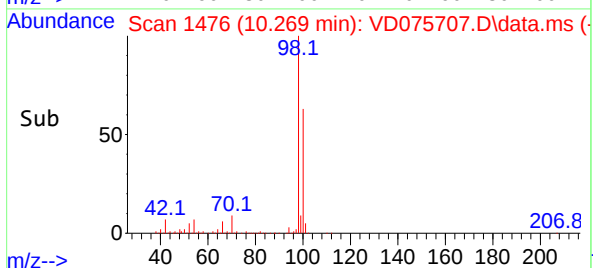
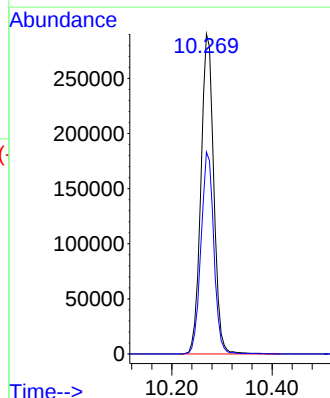
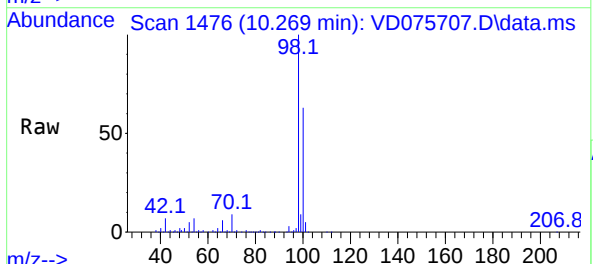
Instrument :
MSVOA_D
ClientSampleId :
SB-25-10-12-20230411

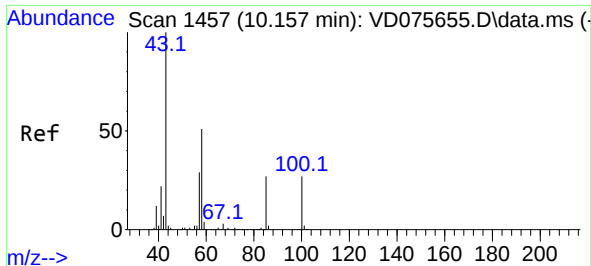
Tgt Ion:117 Resp: 21666
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 43.567 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Tgt Ion: 98 Resp: 515965
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

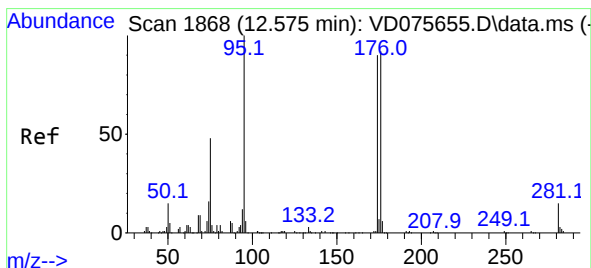
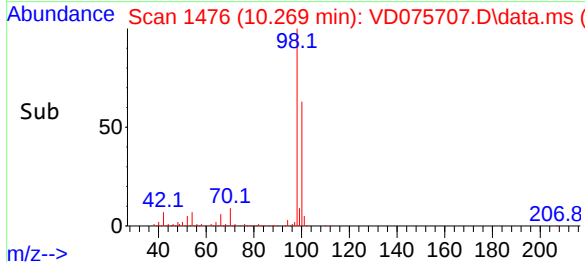
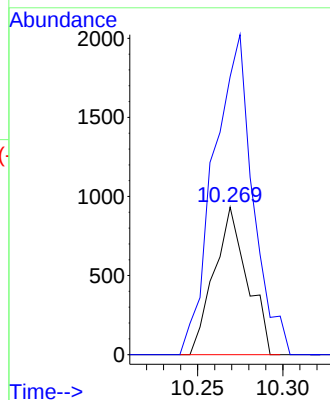
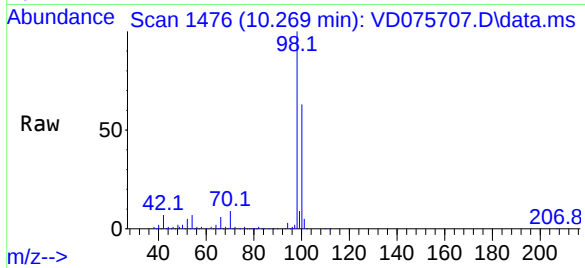




#51
4-Methyl-2-Pentanone
Concen: 1.050 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

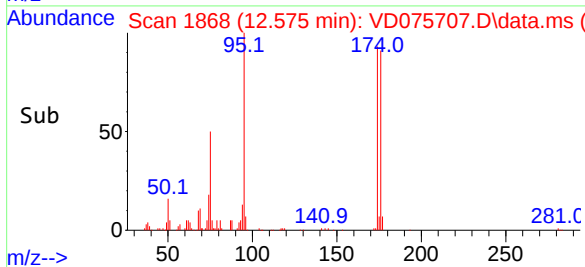
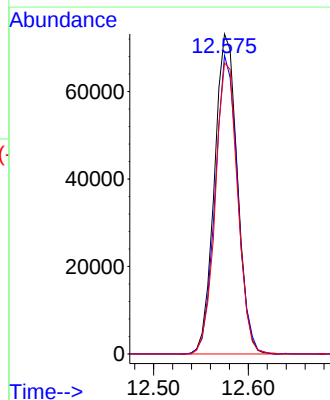
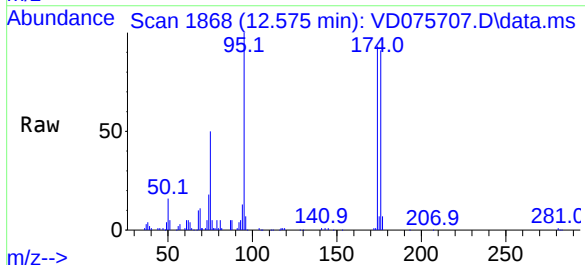
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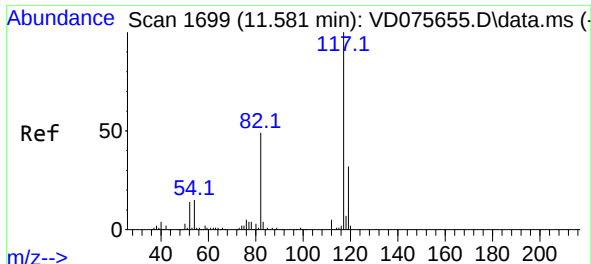
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 256.1 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 39.050 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Tgt Ion: 95 Resp: 122925
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 88.8 0.0 156.8

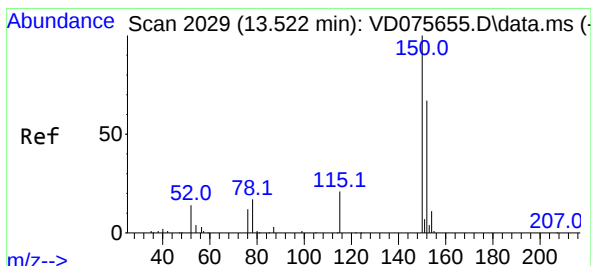
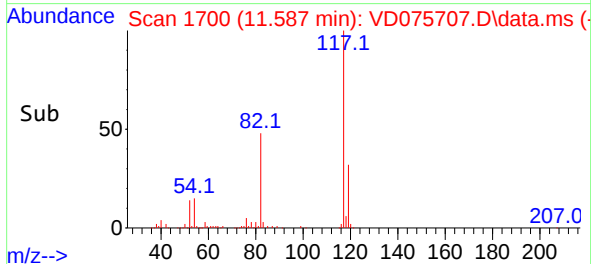
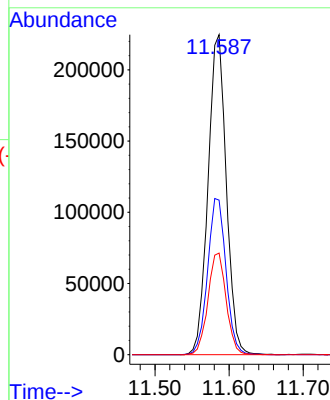
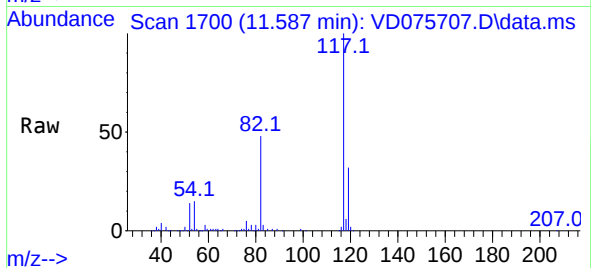




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

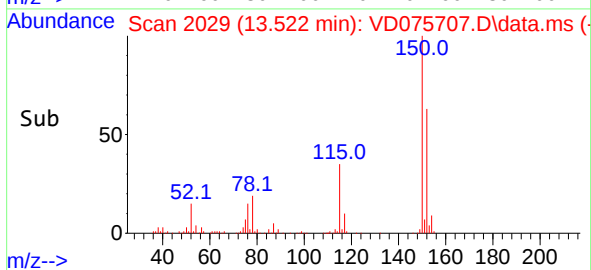
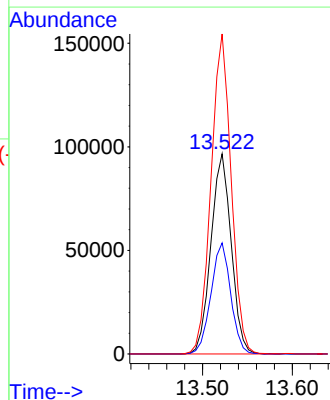
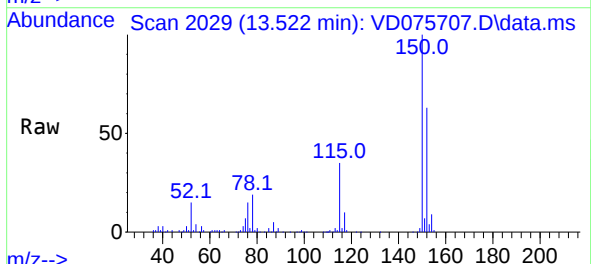
Instrument :
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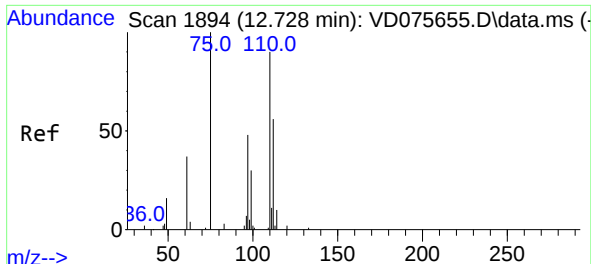
Tgt Ion:117 Resp: 384316
Ion Ratio Lower Upper
117 100
82 48.3 44.0 66.0
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Tgt Ion:152 Resp: 151561
Ion Ratio Lower Upper
152 100
115 54.2 30.1 90.3
150 158.7 0.0 364.8

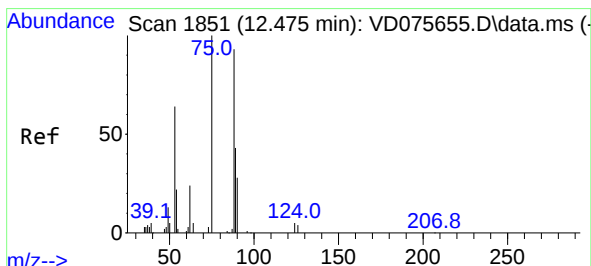
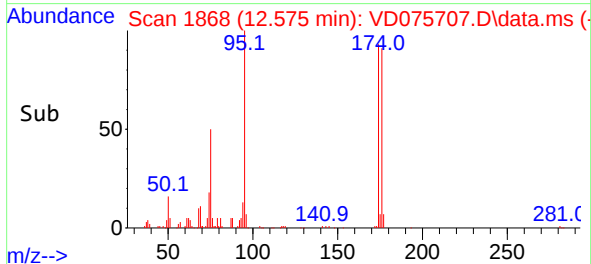
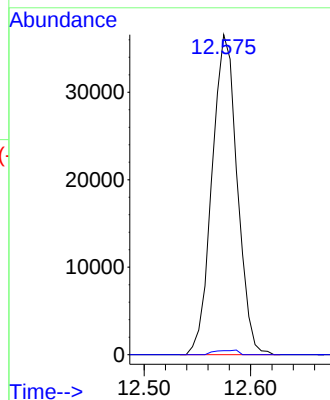
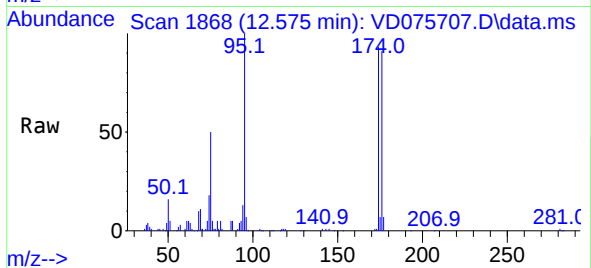




#76
1,2,3-Trichloropropane
Concen: 48.657 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

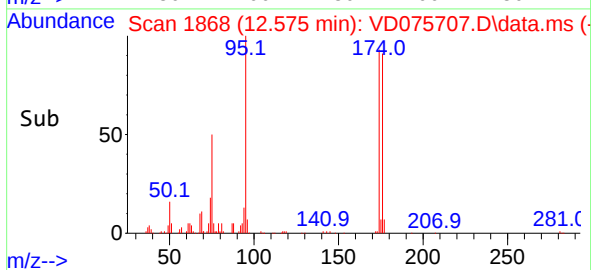
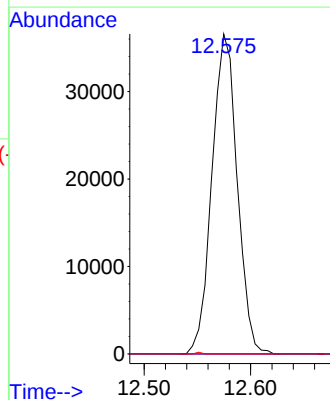
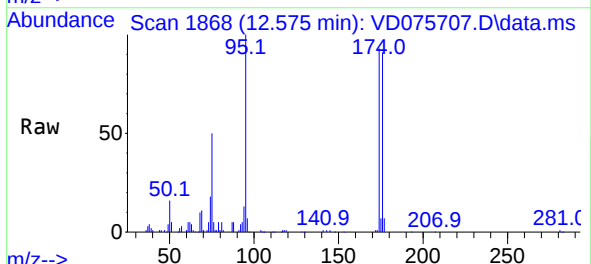
Instrument :
MSVOA_D
ClientSampleId :
SB-25-10-12-20230411

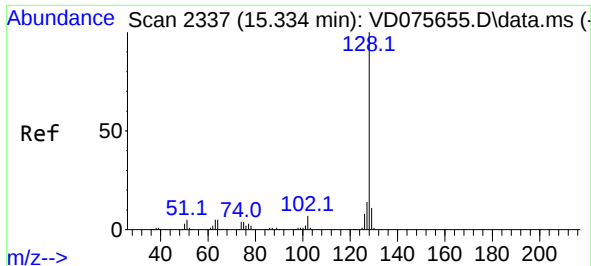
Tgt Ion: 75 Resp: 60139
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.460 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075707.D
Acq: 17 Apr 2023 18:06

Tgt Ion: 75 Resp: 60139
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#95

Naphthalene

Concen: 2.610 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD075707.D

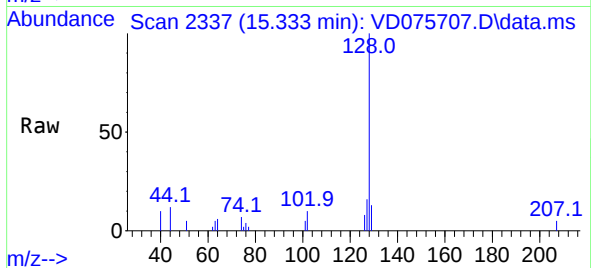
Acq: 17 Apr 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

SB-25-10-12-20230411



Tgt Ion:	128	Resp:	13147
Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.4	15.6#
129	12.3	8.8	13.2

