

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076375.D
 Acq On : 08 Jun 2023 16:01
 Operator : KP/SY
 Sample : 03047-04RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB33ARE

Quant Time: Jun 09 01:24:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

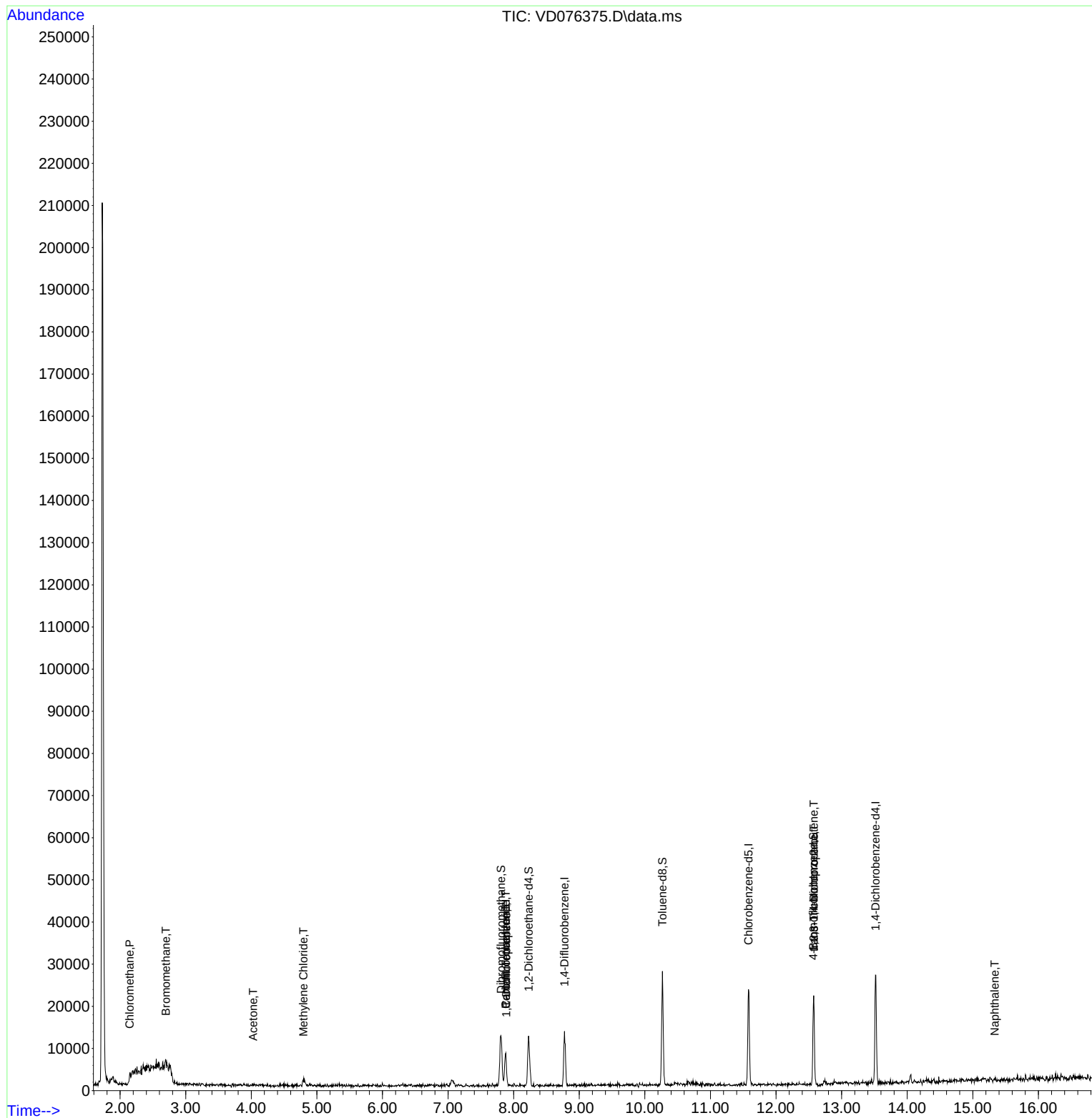
Internal Standards						
1) Pentafluorobenzene	7.881	168	7860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	13218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	16437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	8575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8960	127.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 254.460%#	
35) Dibromofluoromethane	7.810	113	9498	113.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 226.340%#	
50) Toluene-d8	10.269	98	18687	55.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.840%	
62) 4-Bromofluorobenzene	12.569	95	6416	72.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 145.100%#	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	412	2.817	ug/l #	67
5) Bromomethane	2.699	94	1353	10.863	ug/l	87
16) Acetone	4.028	43	236	18.296	ug/l #	32
20) Methylene Chloride	4.793	84	745	2.872	ug/l #	50
36) 1,1-Dichloropropene	7.887	75	470	3.898	ug/l #	39
38) Carbon Tetrachloride	7.881	117	380	3.595	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	3335	41.664	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	3335	99.789	ug/l #	17
95) Naphthalene	15.333	128	442	4.640	ug/l #	69

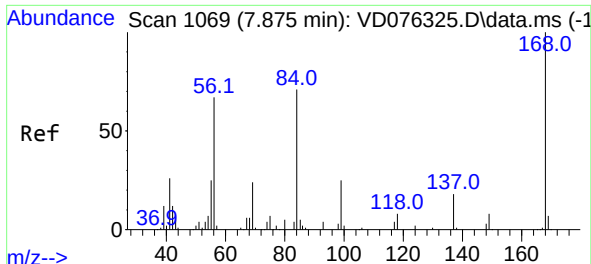
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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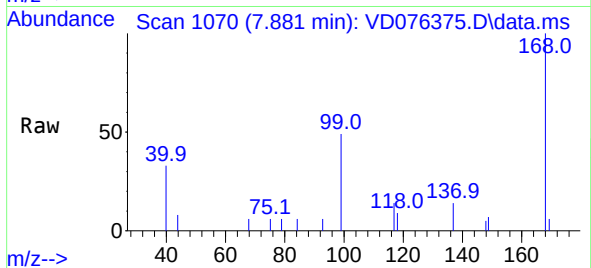
Quant Time: Jun 09 01:24:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
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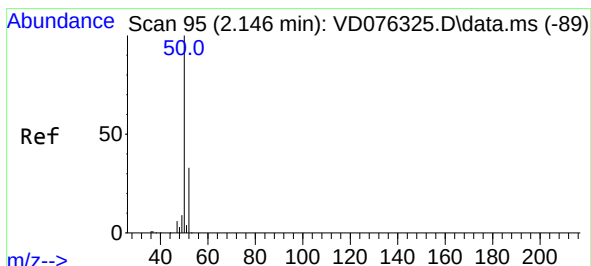
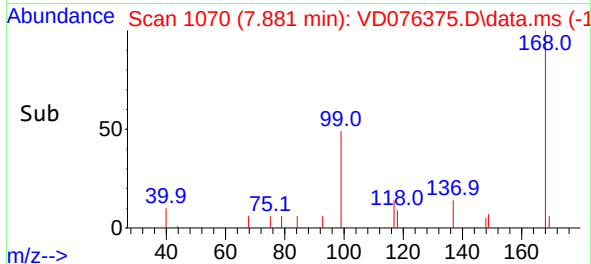
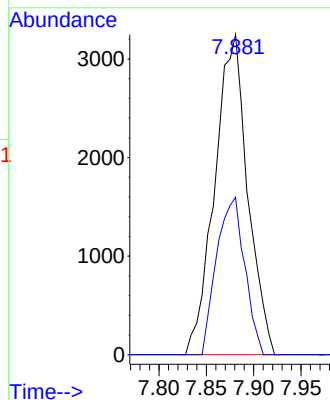


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
SB33ARE

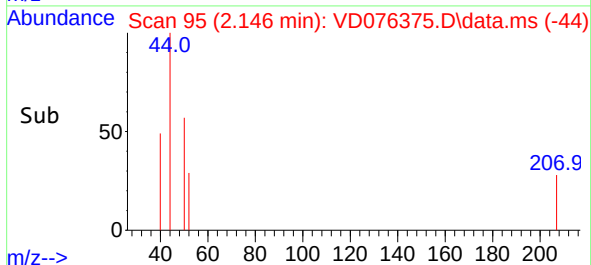
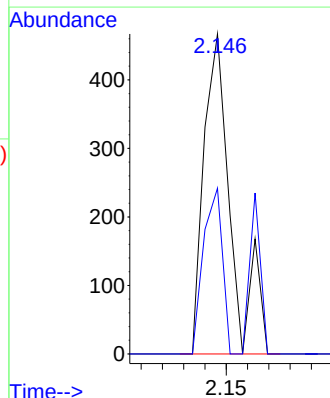
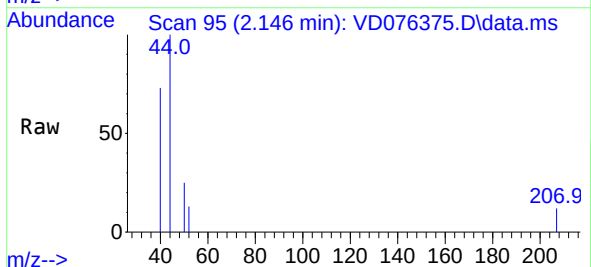


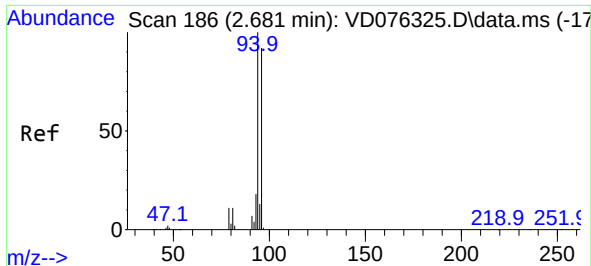
Tgt Ion:168 Resp: 7860
Ion Ratio Lower Upper
168 100
99 49.2 36.7 55.1



#3
Chloromethane
Concen: 2.817 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Tgt Ion: 50 Resp: 412
Ion Ratio Lower Upper
50 100
52 51.8 26.6 40.0#

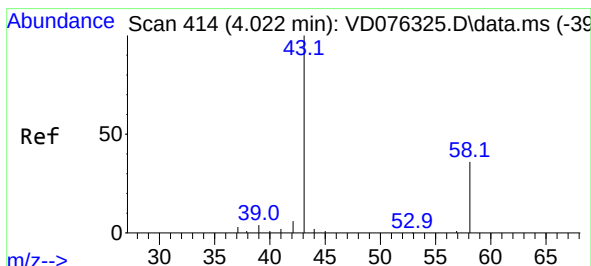
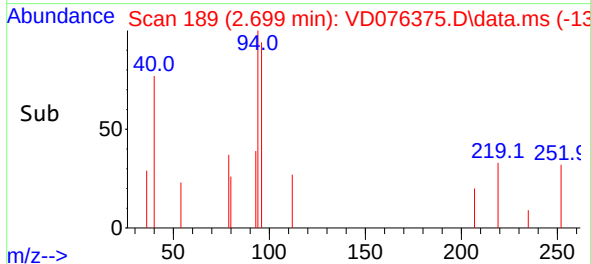
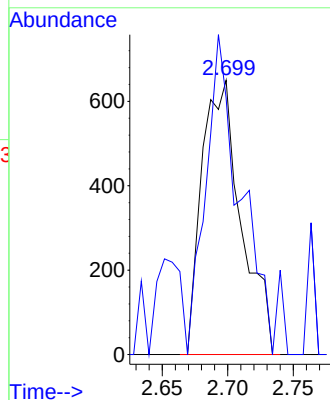
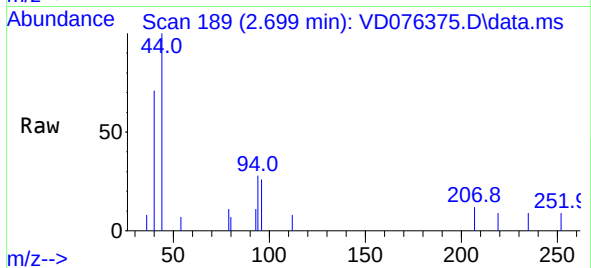




#5
Bromomethane
Concen: 10.863 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

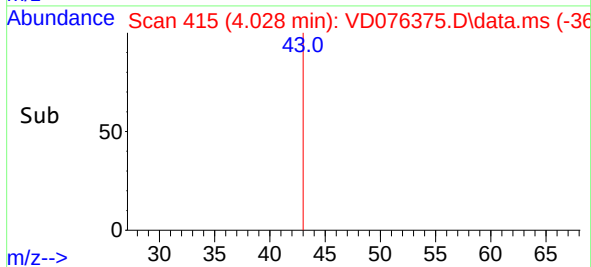
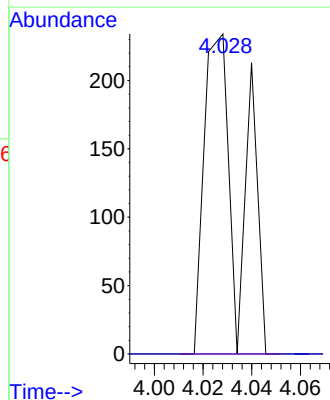
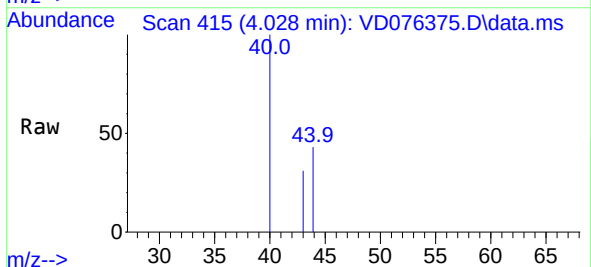
Instrument :
MSVOA_D
ClientSampleId :
SB33ARE

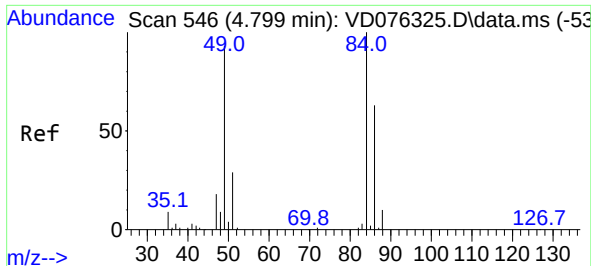
Tgt Ion: 94 Resp: 1353
Ion Ratio Lower Upper
94 100
96 107.7 75.8 113.8



#16
Acetone
Concen: 18.296 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



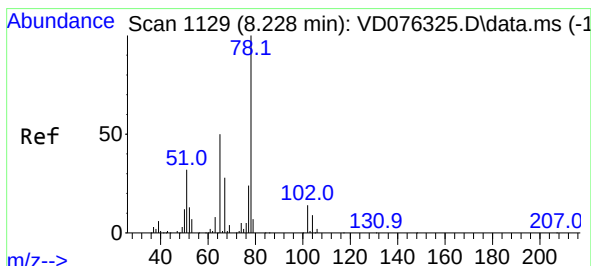
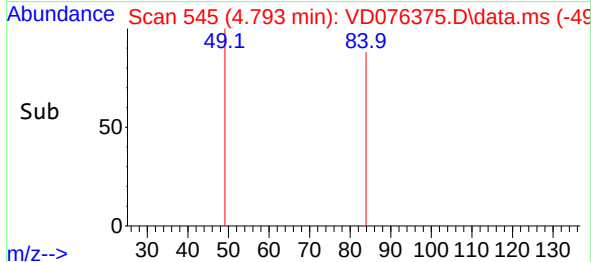
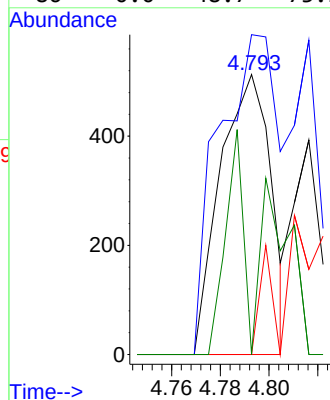
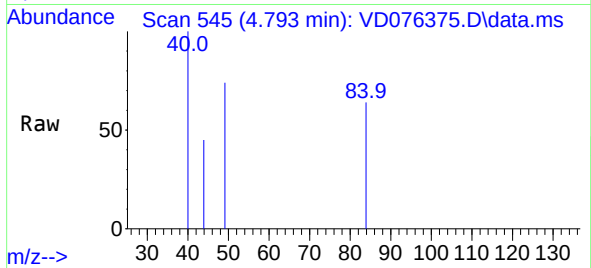


#20
Methylene Chloride
Concen: 2.872 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
SB33ARE

Tgt Ion: 84 Resp: 745

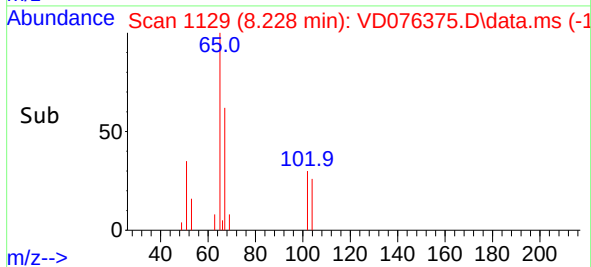
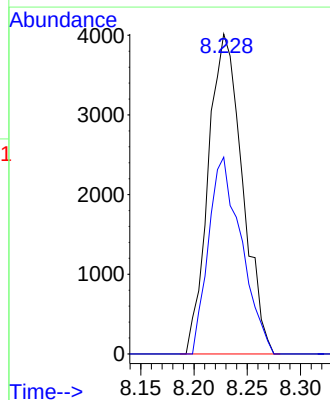
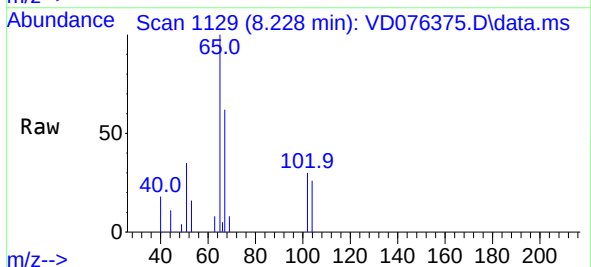
Ion	Ratio	Lower	Upper
84	100		
49	114.2	71.4	107.2#
51	0.0	24.5	36.7#
86	0.0	48.7	73.1#

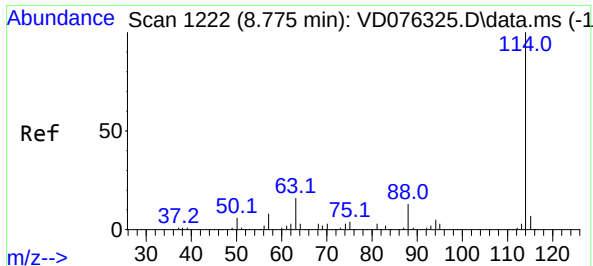


#33
1,2-Dichloroethane-d4
Concen: 127.227 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Tgt Ion: 65 Resp: 8960

Ion	Ratio	Lower	Upper
65	100		
67	59.3	0.0	115.0

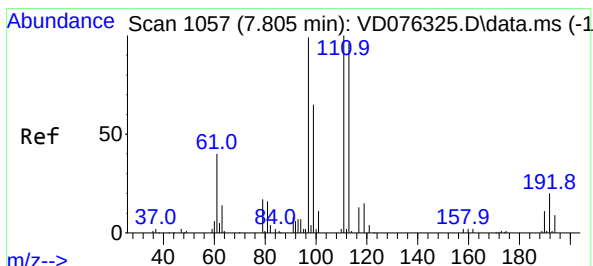
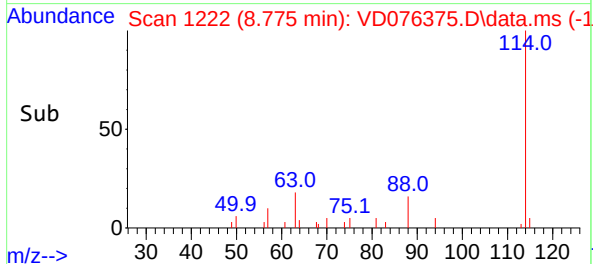
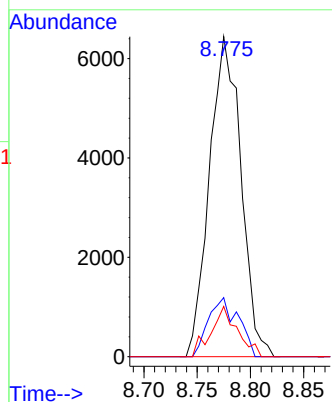
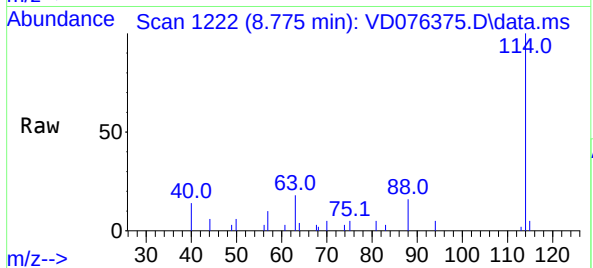




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

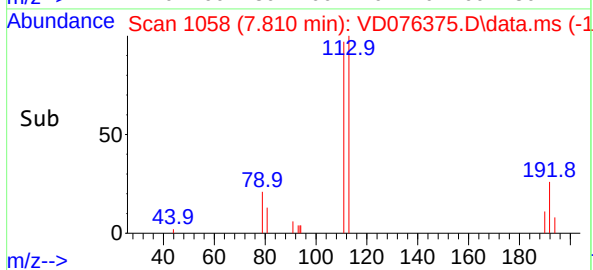
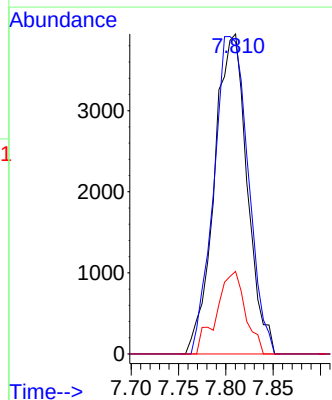
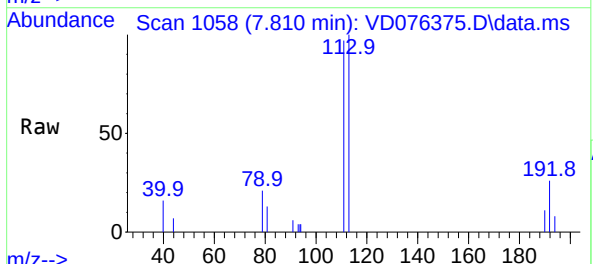
Instrument :
MSVOA_D
ClientSampleId :
SB33ARE

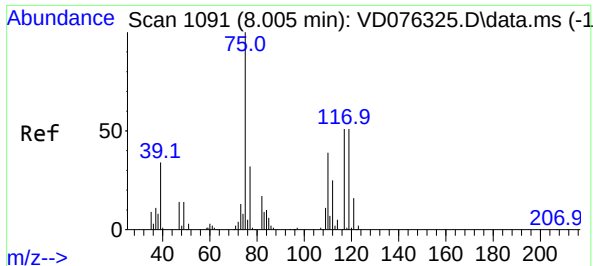
Tgt Ion:	114	Resp:	13218
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	33.4
88	15.7	0.0	26.2



#35
Dibromofluoromethane
Concen: 113.171 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Tgt Ion:	113	Resp:	9498
Ion Ratio	Lower	Upper	
113	100		
111	104.1	84.7	127.1
192	22.7	16.8	25.2





#36

1,1-Dichloropropene

Concen: 3.898 ug/l

RT: 7.887 min Scan# 1070

Delta R.T. -0.118 min

Lab File: VD076375.D

Acq: 08 Jun 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

SB33ARE

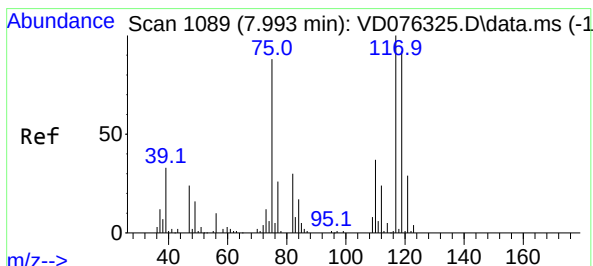
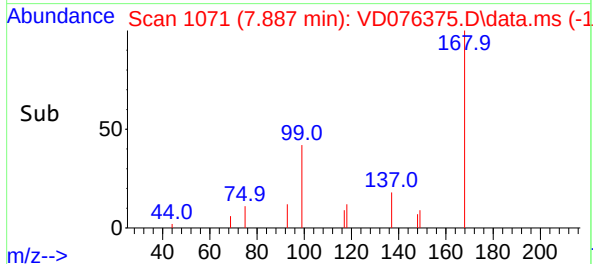
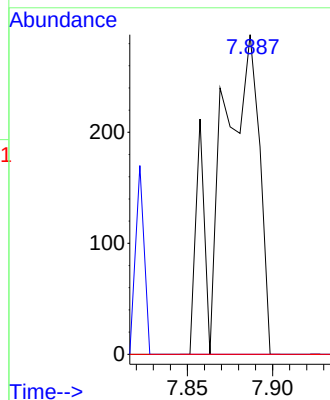
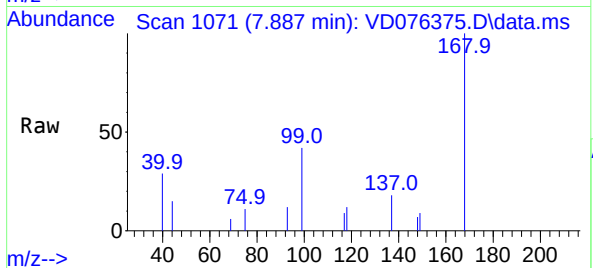
Tgt Ion: 75 Resp: 470

Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 3.595 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076375.D

Acq: 08 Jun 2023 16:01

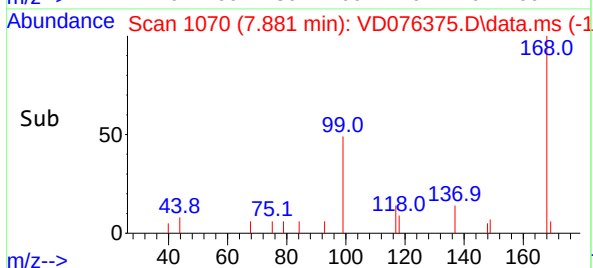
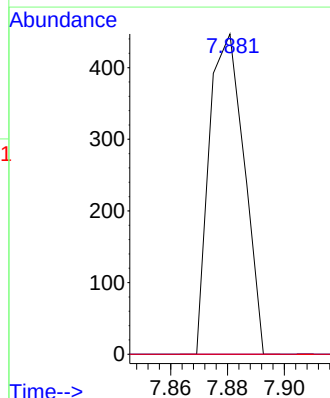
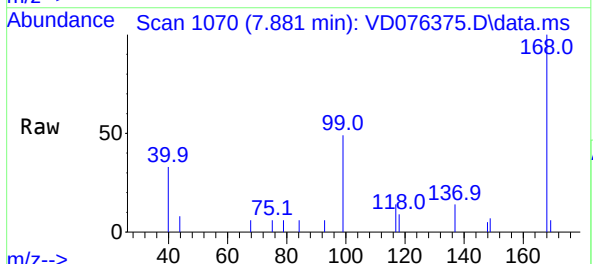
Tgt Ion: 117 Resp: 380

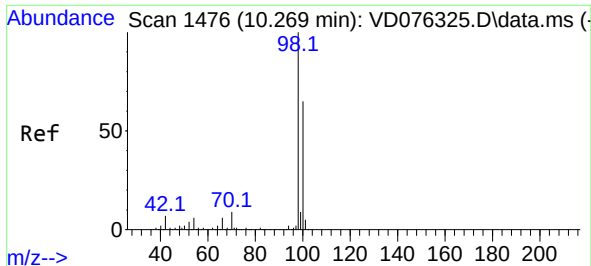
Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#

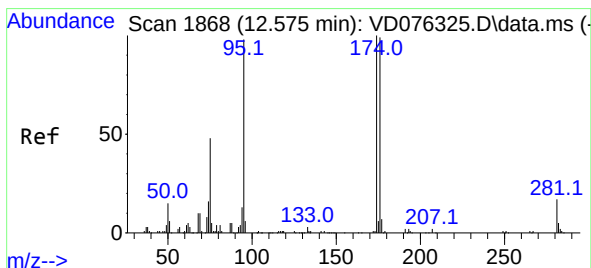
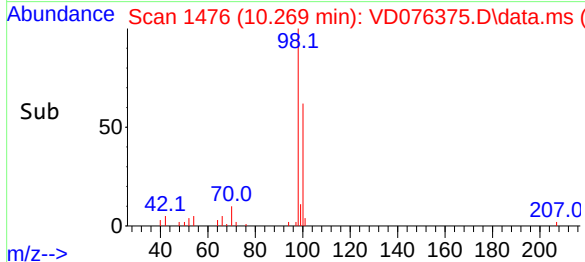
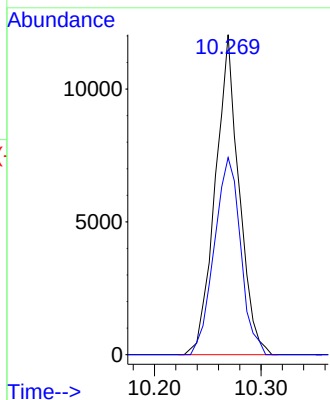
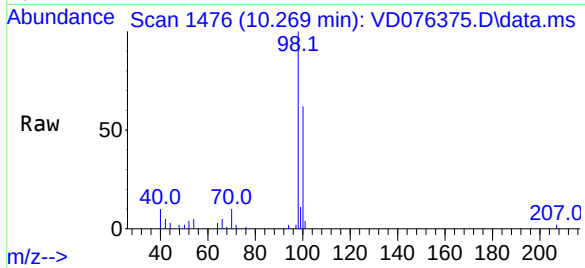




#50
Toluene-d8
Concen: 55.924 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

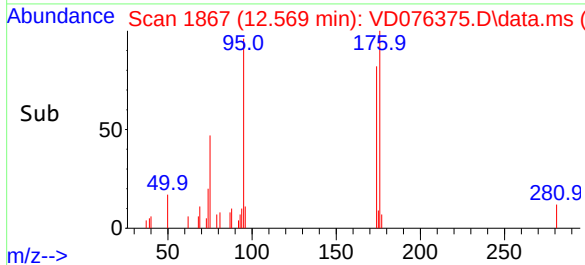
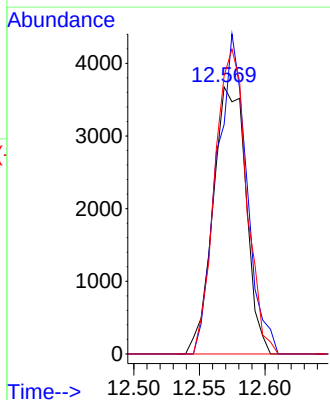
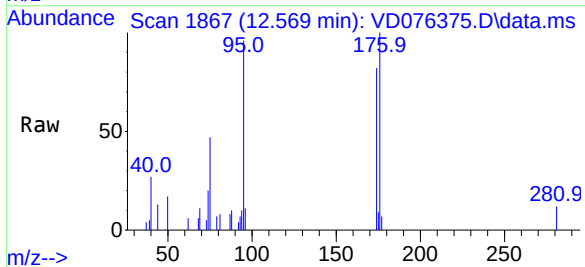
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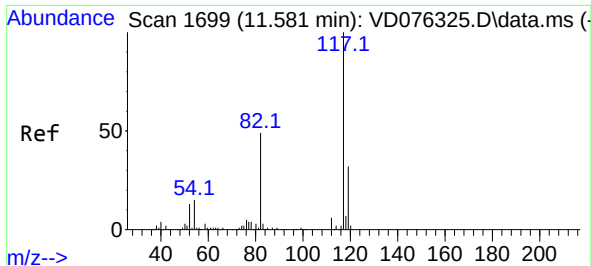
Tgt Ion: 98 Resp: 18687
Ion Ratio Lower Upper
98 100
100 68.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 72.555 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

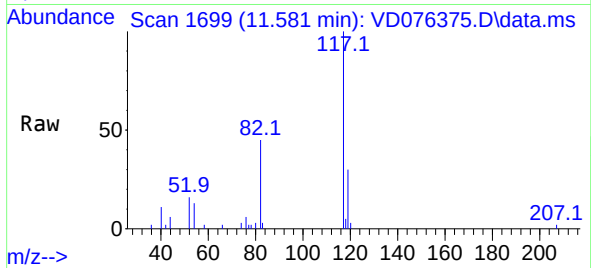
Tgt Ion: 95 Resp: 6416
Ion Ratio Lower Upper
95 100
174 108.7 0.0 201.8
176 109.6 0.0 191.8



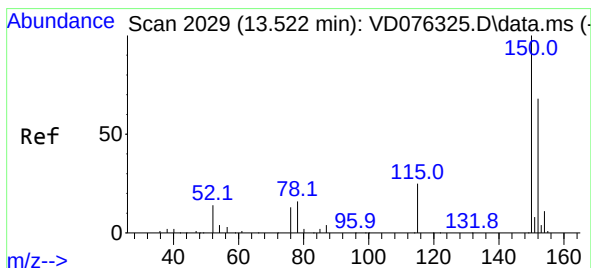
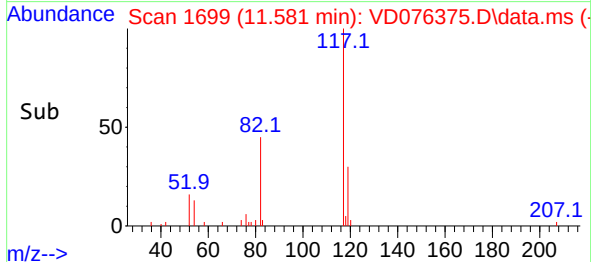
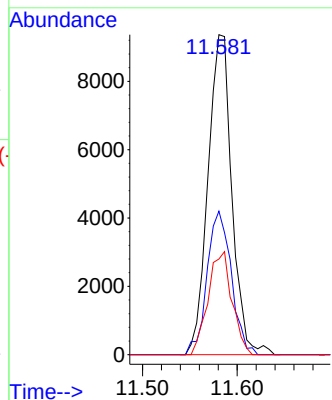


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
SB33ARE

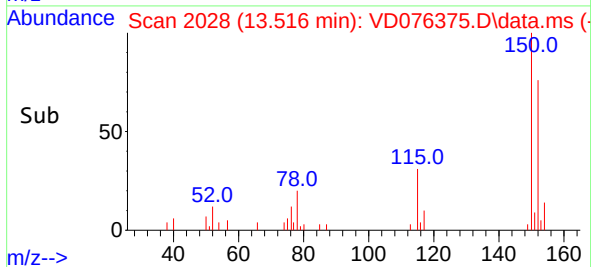
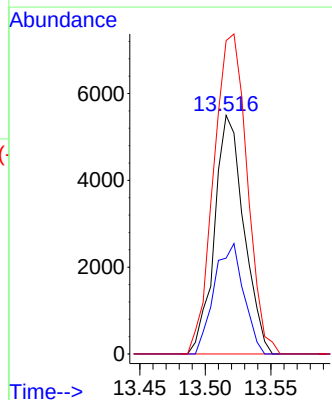
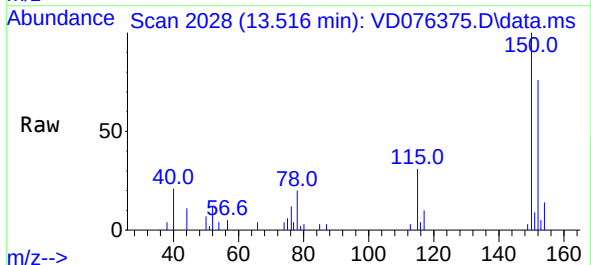


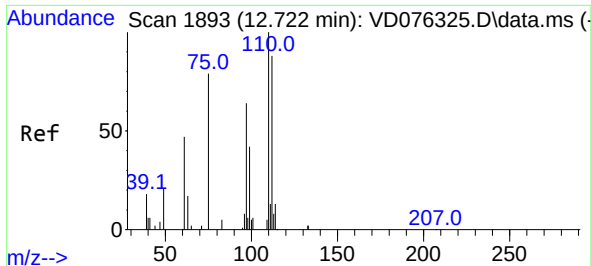
Tgt Ion:	117	Resp:	16437
Ion	Ratio	Lower	Upper
117	100		
82	44.8	38.3	57.5
119	29.9	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Tgt Ion:	152	Resp:	8575
Ion	Ratio	Lower	Upper
152	100		
115	46.4	27.1	81.3
150	152.3	0.0	353.6

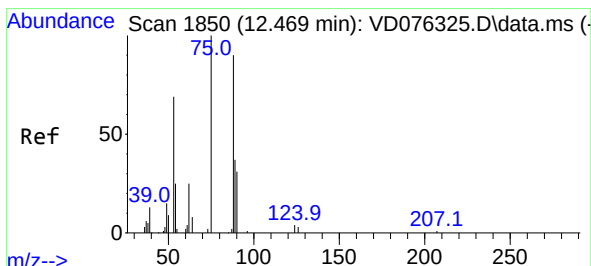
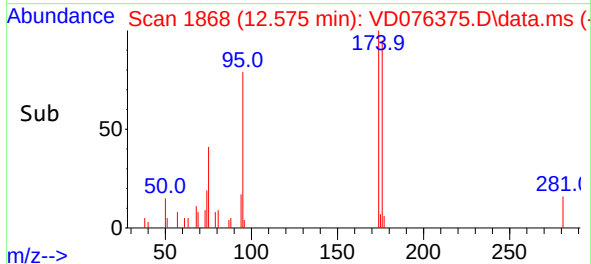
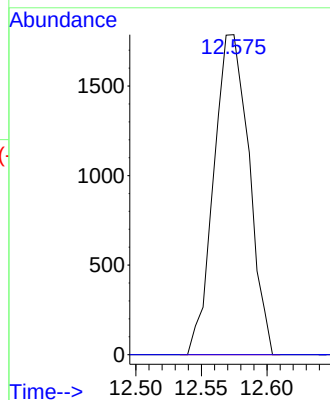
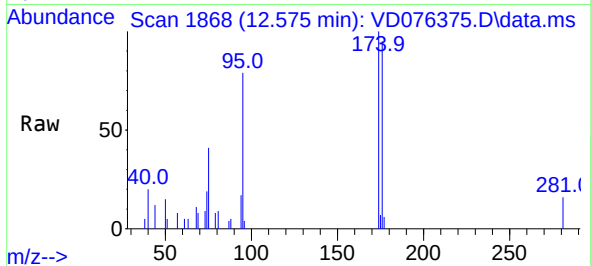




#76
1,2,3-Trichloropropane
Concen: 41.664 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

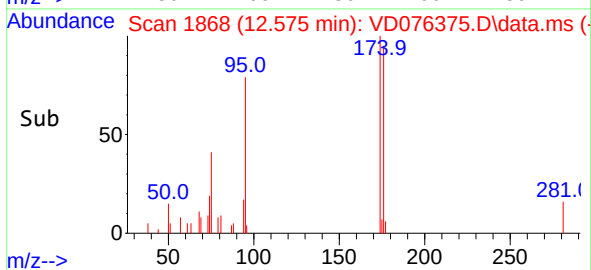
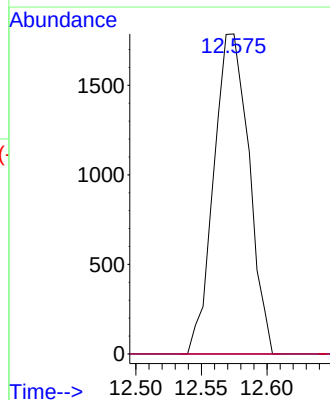
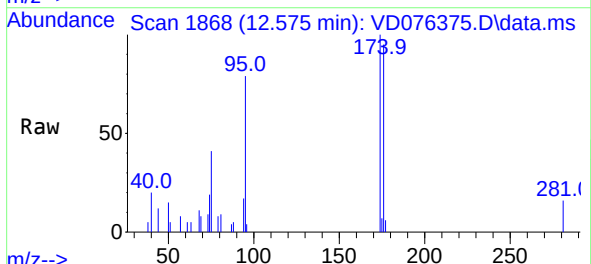
Instrument :
MSVOA_D
ClientSampleId :
SB33ARE

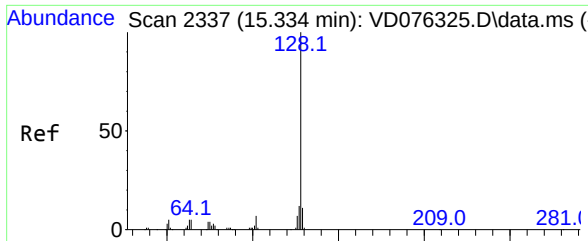
Tgt Ion: 75 Resp: 3335
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 99.789 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

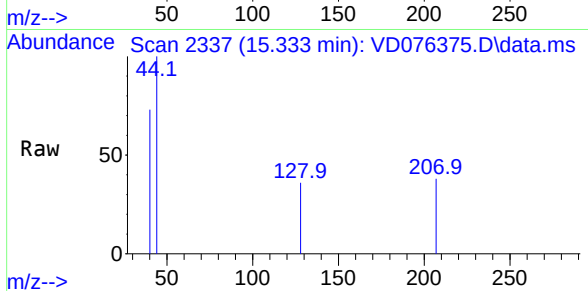
Tgt Ion: 75 Resp: 3335
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 4.640 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
SB33ARE



Tgt Ion:	128	Resp:	442
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

