

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075708.D
 Acq On : 17 Apr 2023 18:36
 Operator : KP/SY
 Sample : 02270-10
 Misc : 3.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-27-0-2-20230411

Quant Time: Apr 18 01:19:13 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)

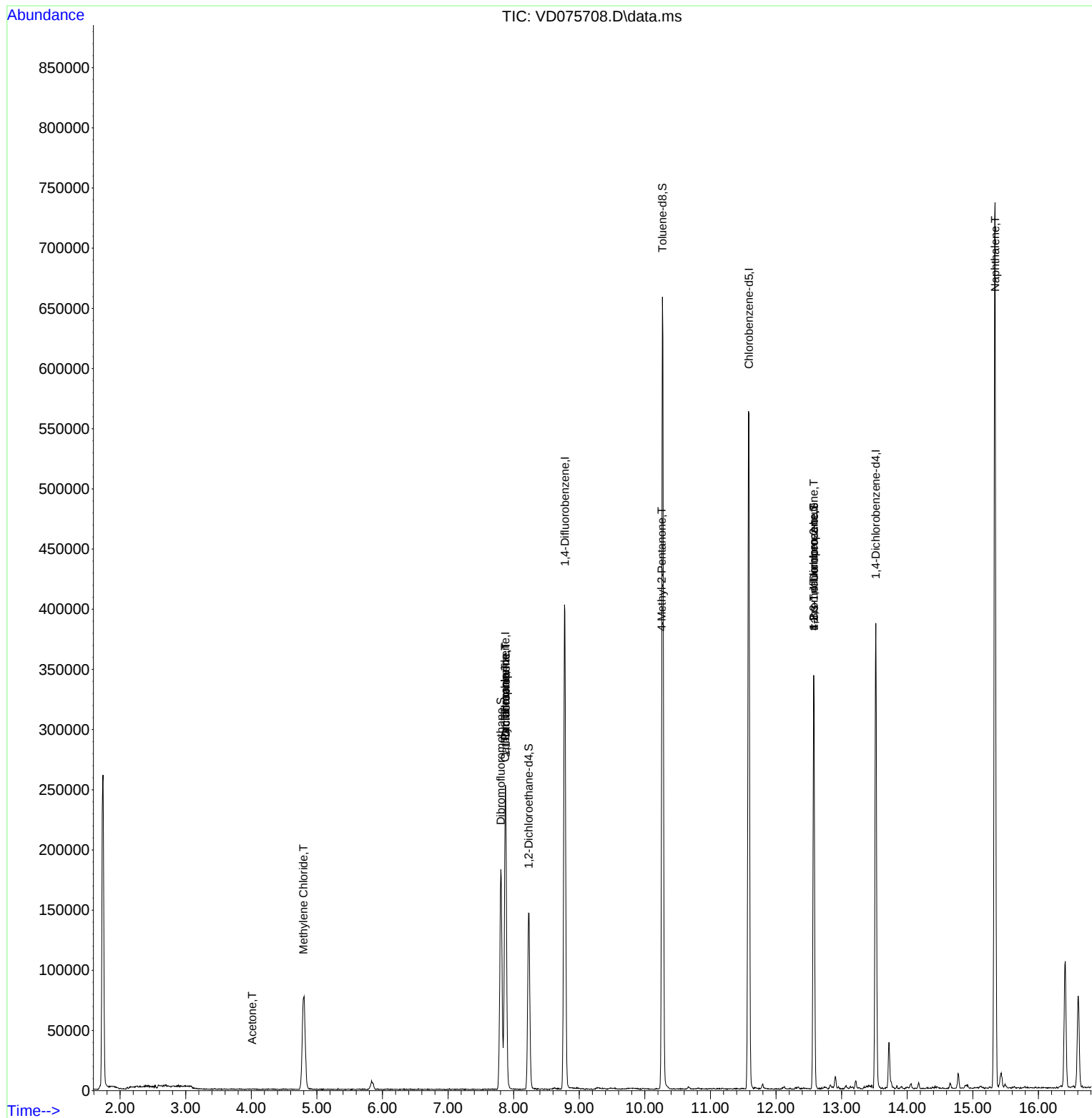
Internal Standards						
1) Pentafluorobenzene	7.875	168	205907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	398829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	382340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	112190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	114249	58.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.920%
35) Dibromofluoromethane	7.804	113	136322	50.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.269	98	488259	45.452	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.900%
62) 4-Bromofluorobenzene	12.575	95	107685	37.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.420%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	405	1.131	ug/l #	44
20) Methylene Chloride	4.793	84	71823	23.486	ug/l #	74
31) Cyclohexane	7.875	56	4035	1.316	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	15499	4.188	ug/l #	50
38) Carbon Tetrachloride	7.869	117	19908	6.109	ug/l #	17
51) 4-Methyl-2-Pentanone	10.257	43	1275	1.164	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	53081	58.018	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53081	125.749	ug/l #	5
95) Naphthalene	15.339	128	654370	175.508	ug/l	100

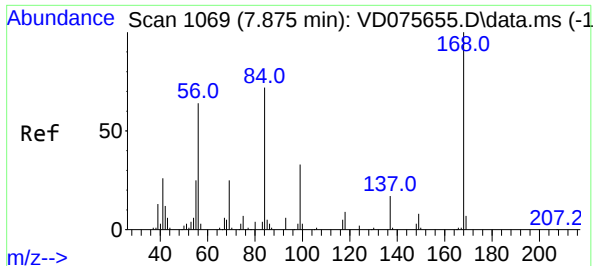
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
Data File : VD075708.D
Acq On : 17 Apr 2023 18:36
Operator : KP/SY
Sample : 02270-10
Misc : 3.17G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-27-0-2-20230411

Quant Time: Apr 18 01:19:13 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

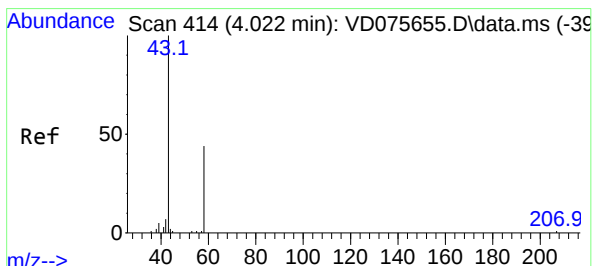
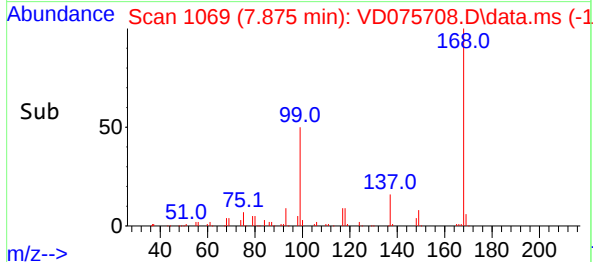
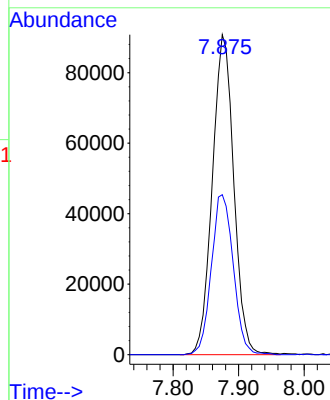
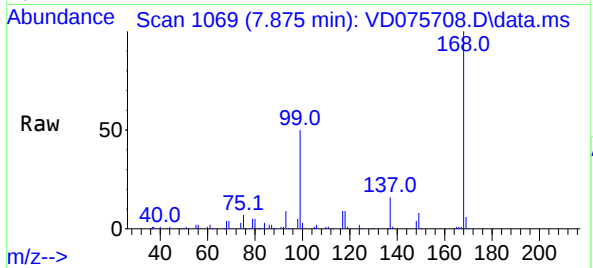




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

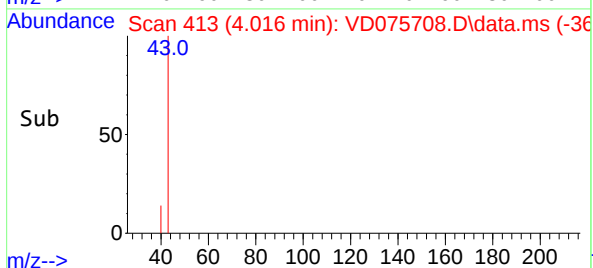
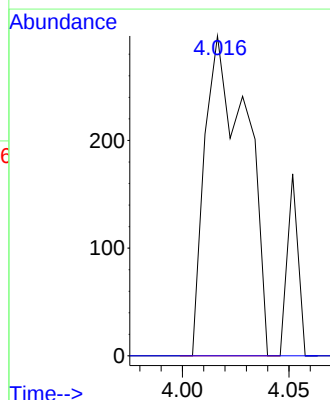
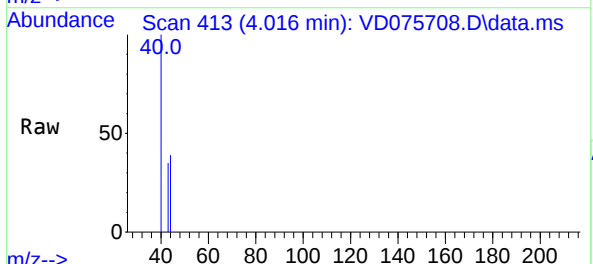
Instrument :
MSVOA_D
ClientSampleId :
SB-27-0-2-20230411

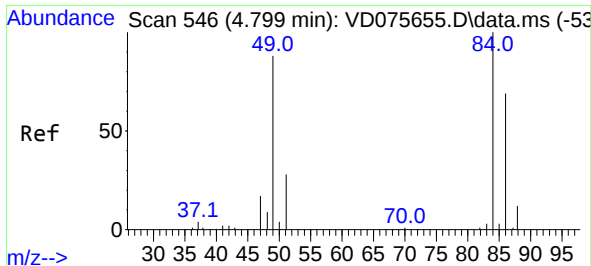
Tgt Ion:168 Resp: 205907
Ion Ratio Lower Upper
168 100
99 50.0 43.8 65.6



#16
Acetone
Concen: 1.131 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

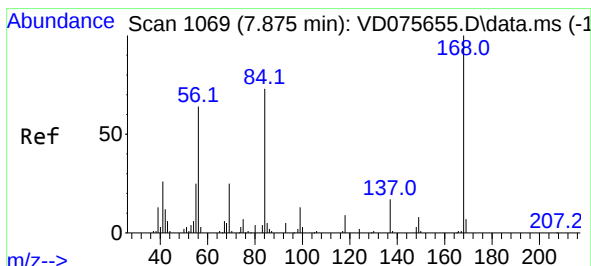
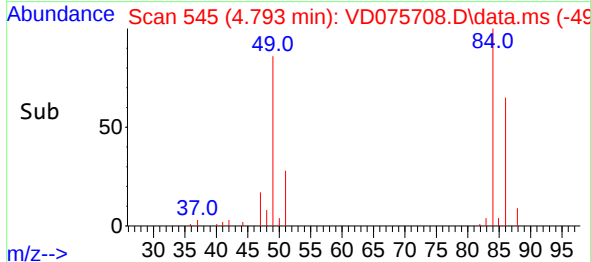
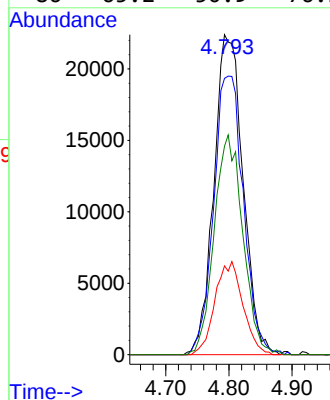
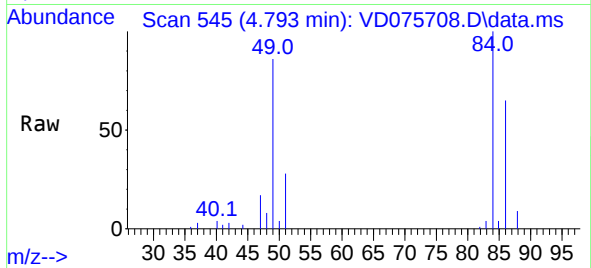




#20
Methylene Chloride
Concen: 23.486 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

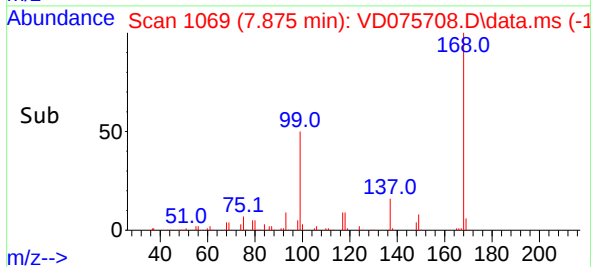
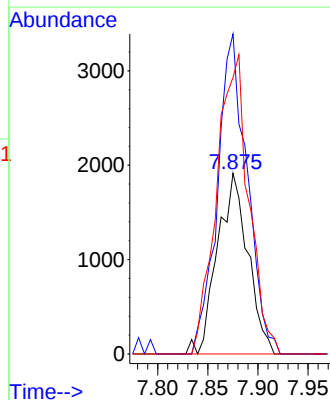
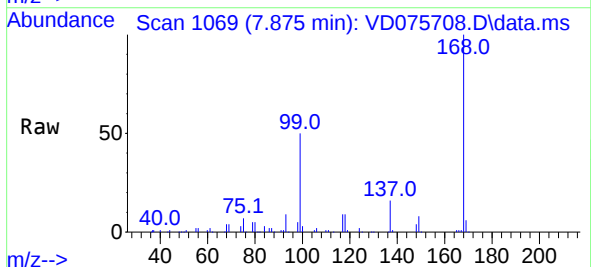
Instrument :
MSVOA_D
ClientSampleId :
SB-27-0-2-20230411

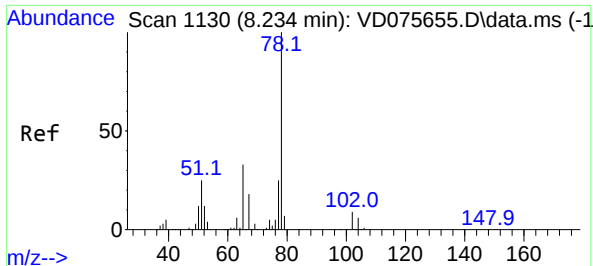
Tgt Ion:	84	Resp:	71823
Ion	Ratio	Lower	Upper
84	100		
49	86.4	106.4	159.6#
51	27.8	32.4	48.6#
86	65.2	50.9	76.3



#31
Cyclohexane
Concen: 1.316 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

Tgt Ion:	56	Resp:	4035
Ion	Ratio	Lower	Upper
56	100		
69	177.2	25.5	38.3#
84	153.1	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 58.456 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075708.D

Acq: 17 Apr 2023 18:36

Instrument :

MSVOA_D

ClientSampleId :

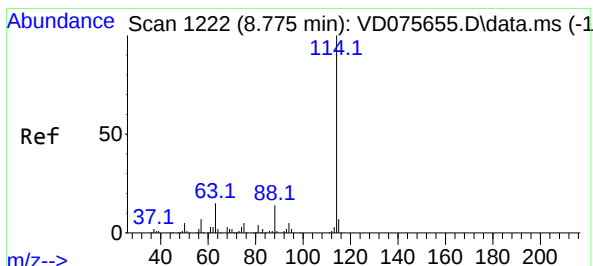
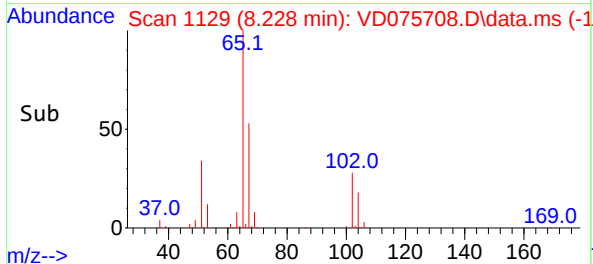
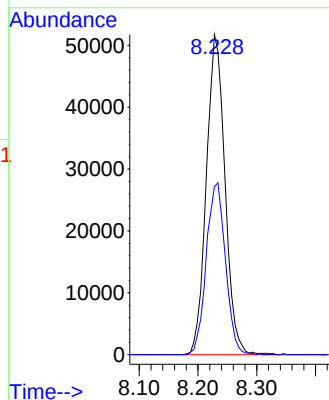
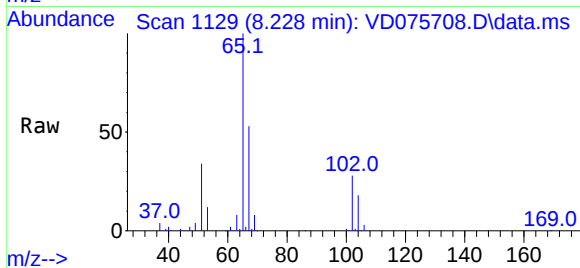
SB-27-0-2-20230411

Tgt Ion: 65 Resp: 114249

Ion Ratio Lower Upper

65 100

67 55.3 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: VD075708.D

Acq: 17 Apr 2023 18:36

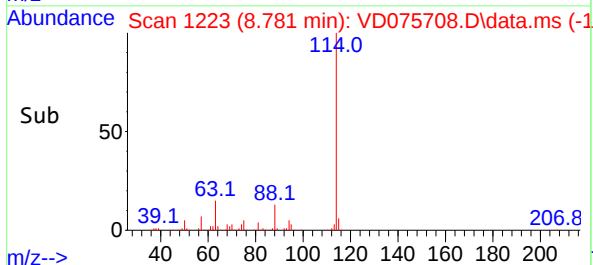
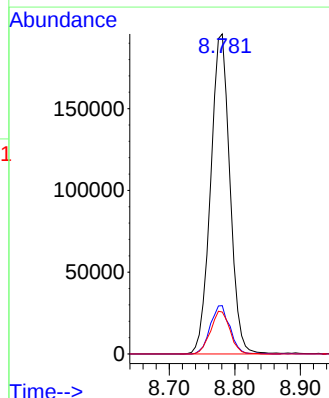
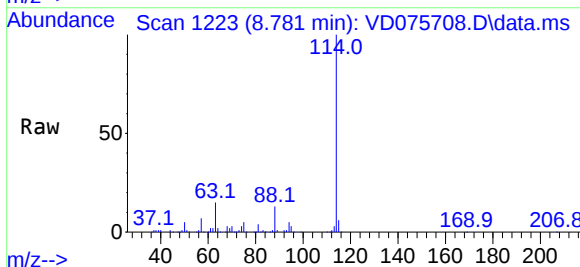
Tgt Ion: 114 Resp: 398829

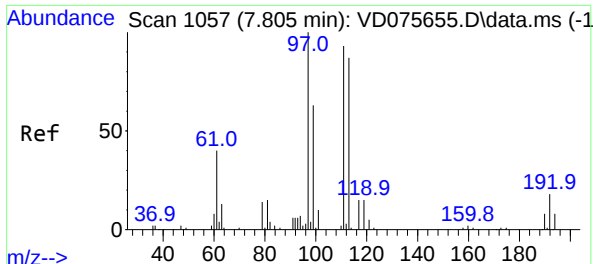
Ion Ratio Lower Upper

114 100

63 15.1 0.0 41.6

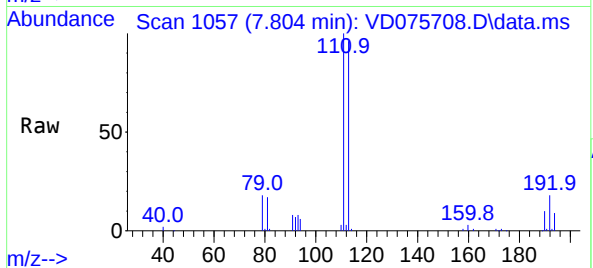
88 13.1 0.0 30.6





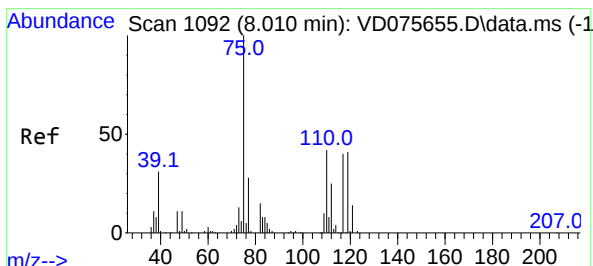
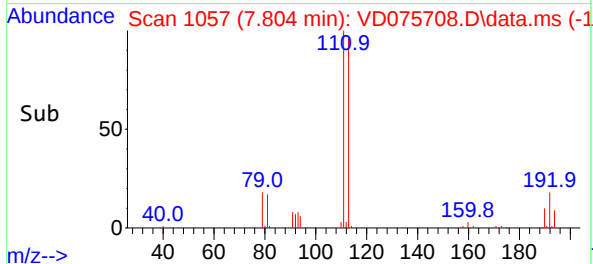
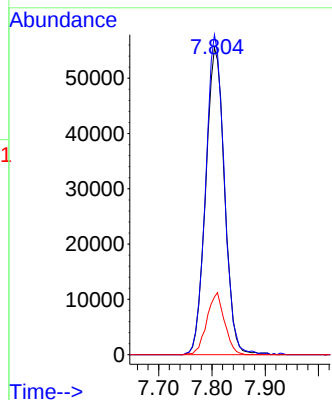
#35
Dibromofluoromethane
Concen: 50.819 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

Instrument :
MSVOA_D
ClientSampleId :
SB-27-0-2-20230411



Tgt Ion: 113 Resp: 136322

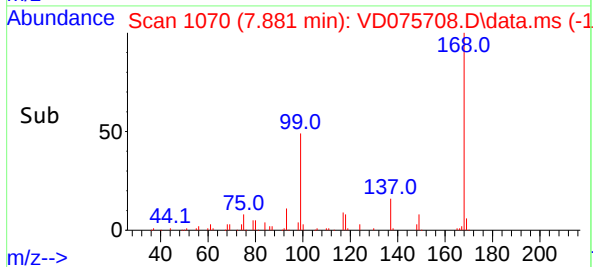
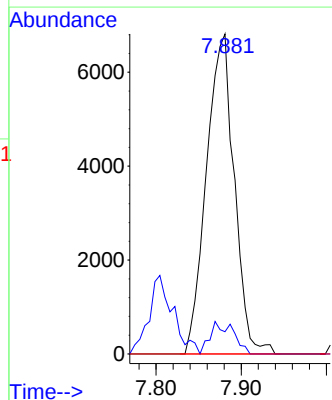
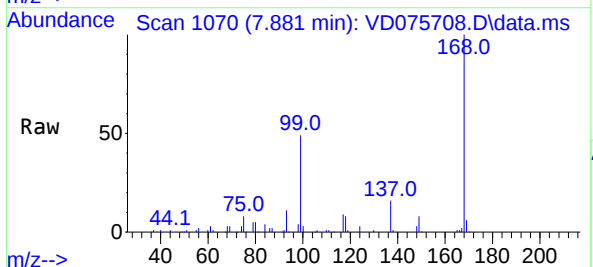
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	19.0	15.2	22.8

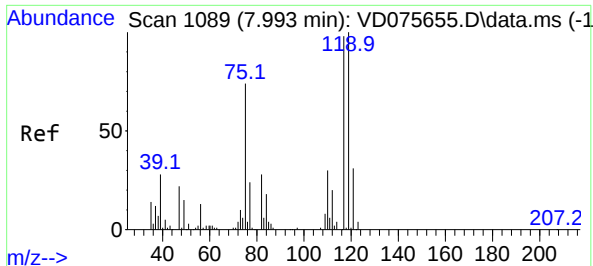


#36
1,1-Dichloropropene
Concen: 4.188 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

Tgt Ion: 75 Resp: 15499

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.1	51.2#
77	0.0	24.6	36.8#

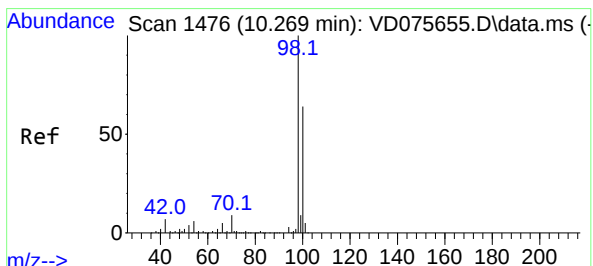
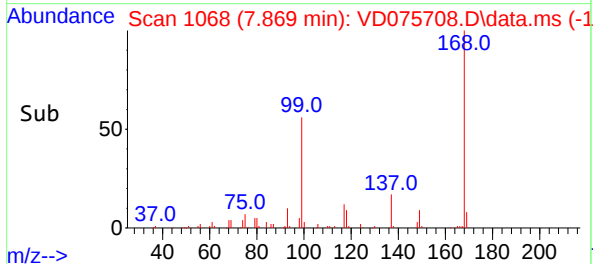
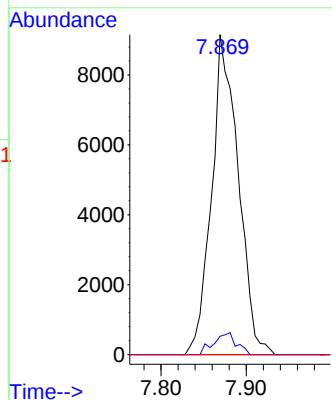
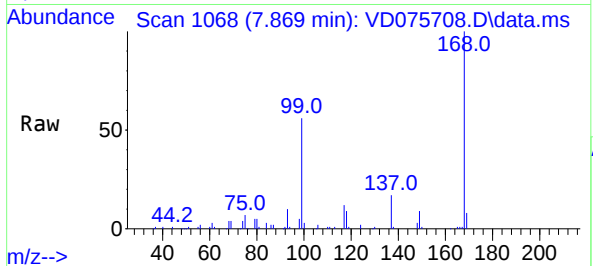




#38
Carbon Tetrachloride
Concen: 6.109 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

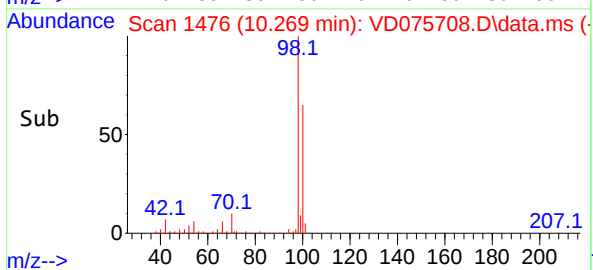
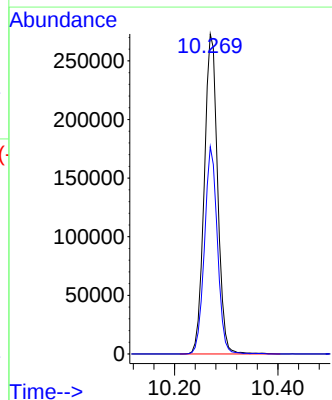
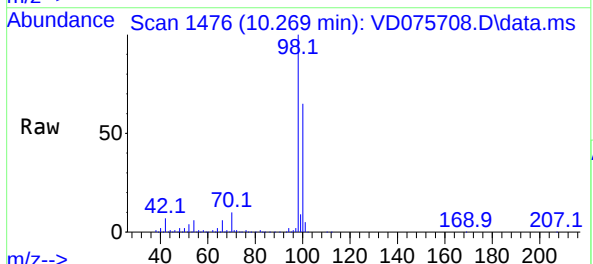
Instrument :
MSVOA_D
ClientSampleId :
SB-27-0-2-20230411

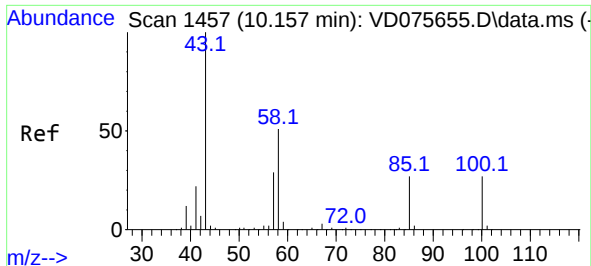
Tgt Ion:117 Resp: 19908
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 45.452 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

Tgt Ion: 98 Resp: 488259
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1

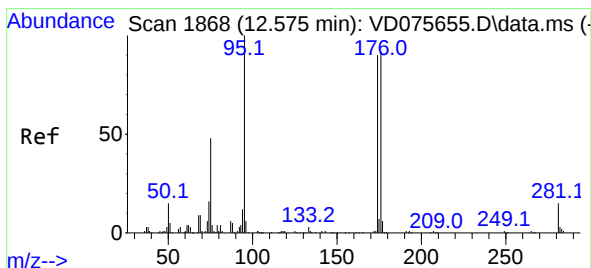
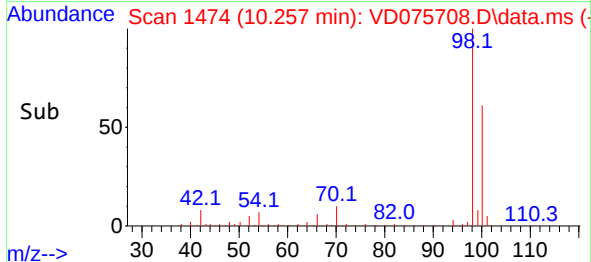
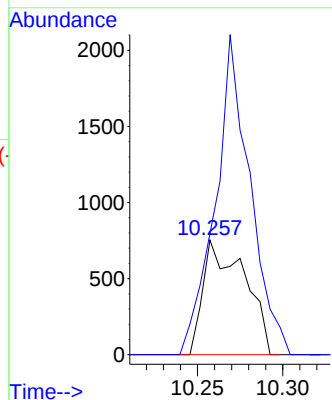
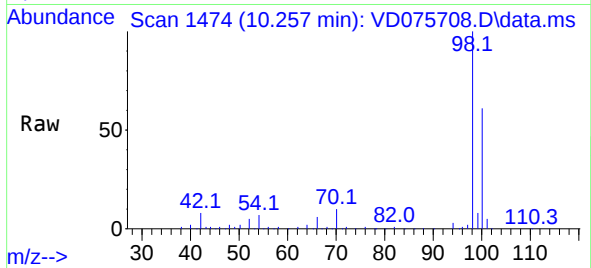




#51
4-Methyl-2-Pentanone
Concen: 1.164 ug/l
RT: 10.257 min Scan# 1457
Delta R.T. 0.100 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

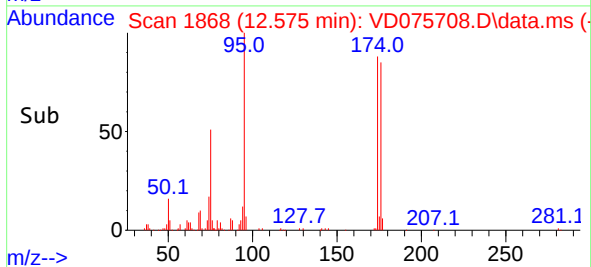
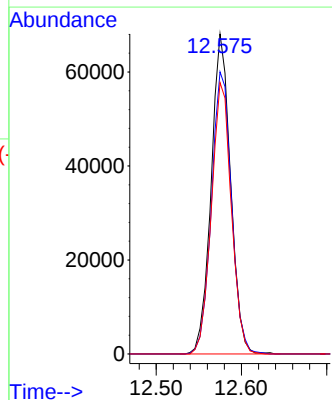
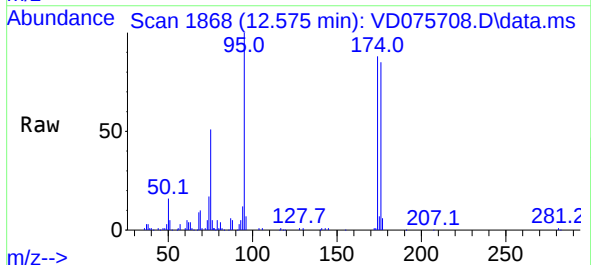
Instrument :
MSVOA_D
ClientSampleId :
SB-27-0-2-20230411

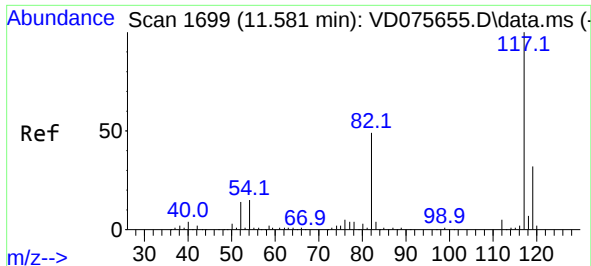
Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
58 234.1 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 37.714 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

Tgt Ion: 95 Resp: 107685
Ion Ratio Lower Upper
95 100
174 90.9 0.0 164.0
176 86.8 0.0 156.8

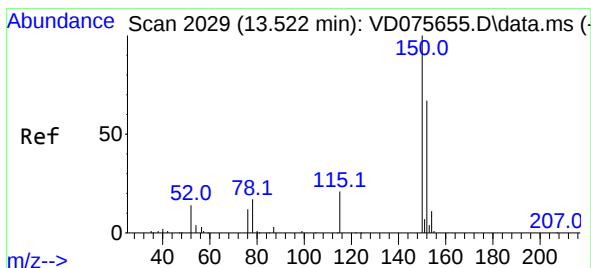
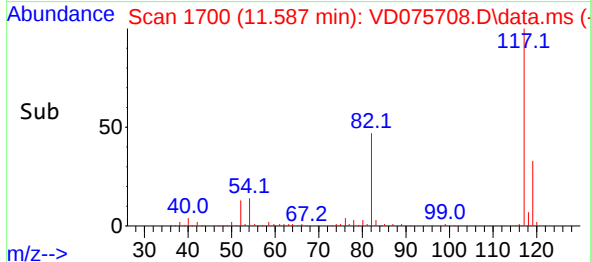
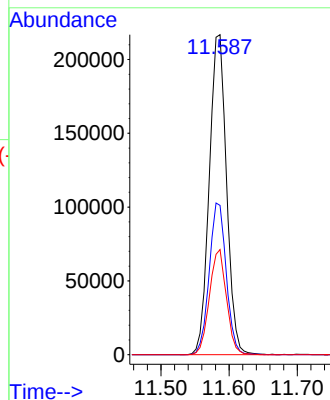
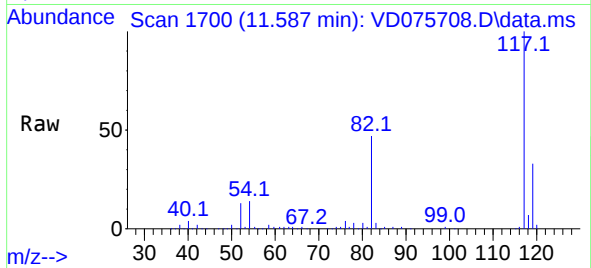




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

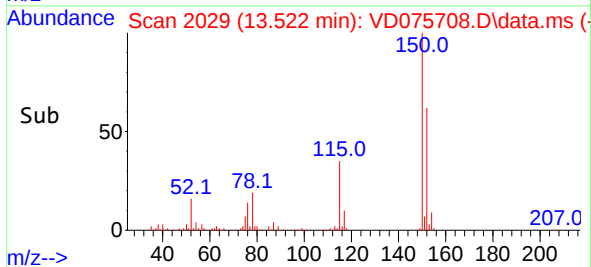
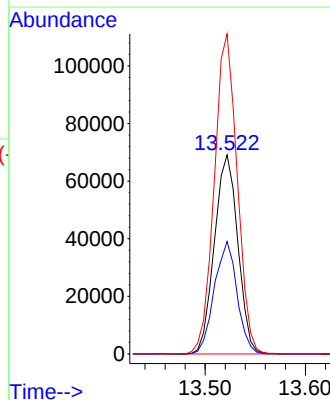
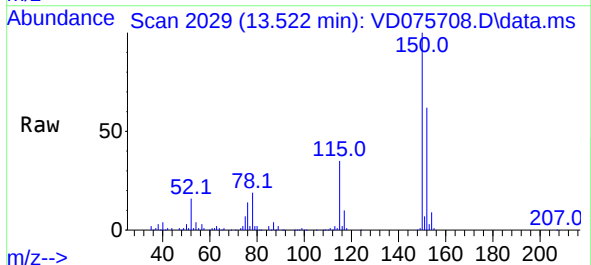
Instrument :
MSVOA_D
ClientSampleId :
SB-27-0-2-20230411

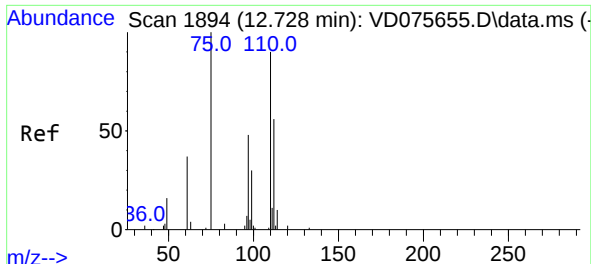
Tgt Ion:117 Resp: 382340
Ion Ratio Lower Upper
117 100
82 46.7 44.0 66.0
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

Tgt Ion:152 Resp: 112190
Ion Ratio Lower Upper
152 100
115 54.9 30.1 90.3
150 157.2 0.0 364.8

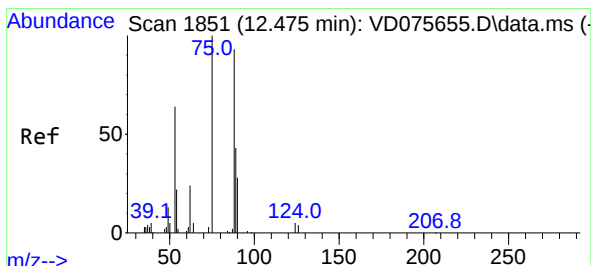
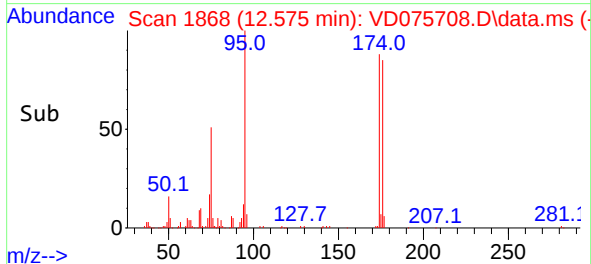
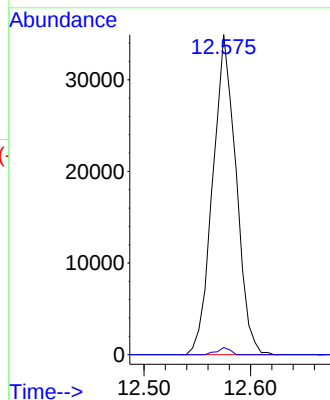
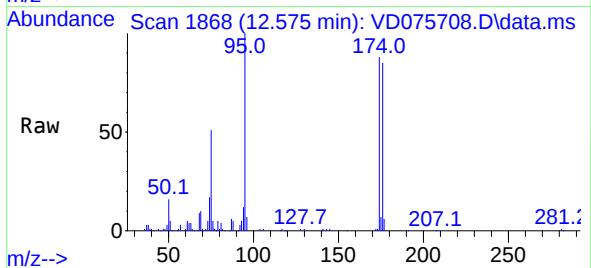




#76
1,2,3-Trichloropropane
Concen: 58.018 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

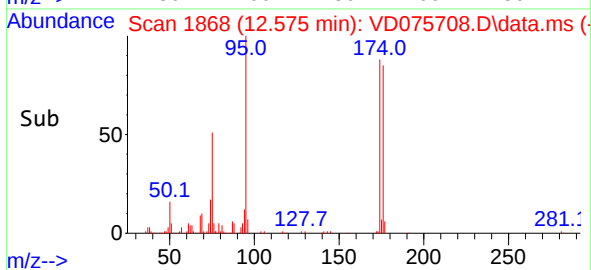
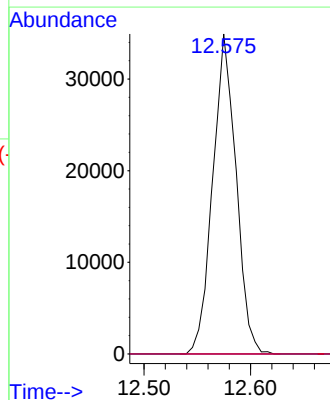
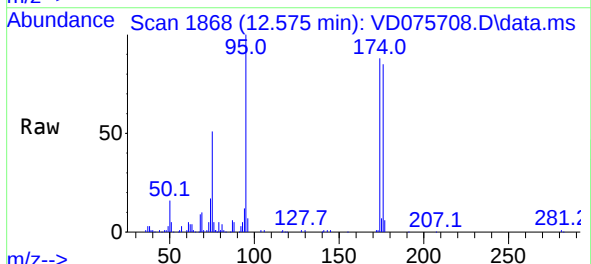
Instrument :
MSVOA_D
ClientSampleId :
SB-27-0-2-20230411

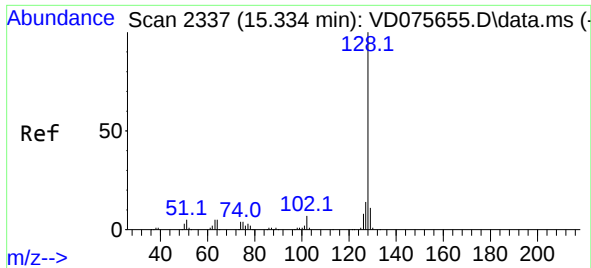
Tgt Ion: 75 Resp: 53081
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.749 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075708.D
Acq: 17 Apr 2023 18:36

Tgt Ion: 75 Resp: 53081
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#95

Naphthalene

Concen: 175.508 ug/l

RT: 15.339 min Scan# 21

Delta R.T. 0.005 min

Lab File: VD075708.D

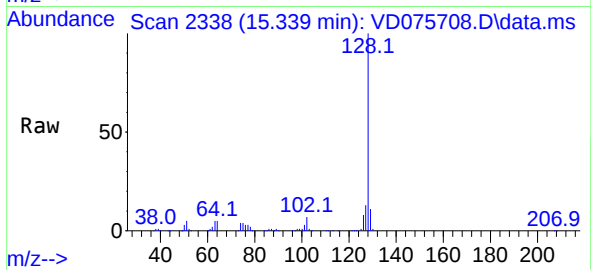
Acq: 17 Apr 2023 18:36

Instrument :

MSVOA_D

ClientSampleId :

SB-27-0-2-20230411



Tgt Ion:128 Resp: 654370

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.8 13.2

