

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075801.D
 Acq On : 24 Apr 2023 18:48
 Operator : KP/SY
 Sample : 02467-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 279

Quant Time: Apr 25 06:11:41 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)

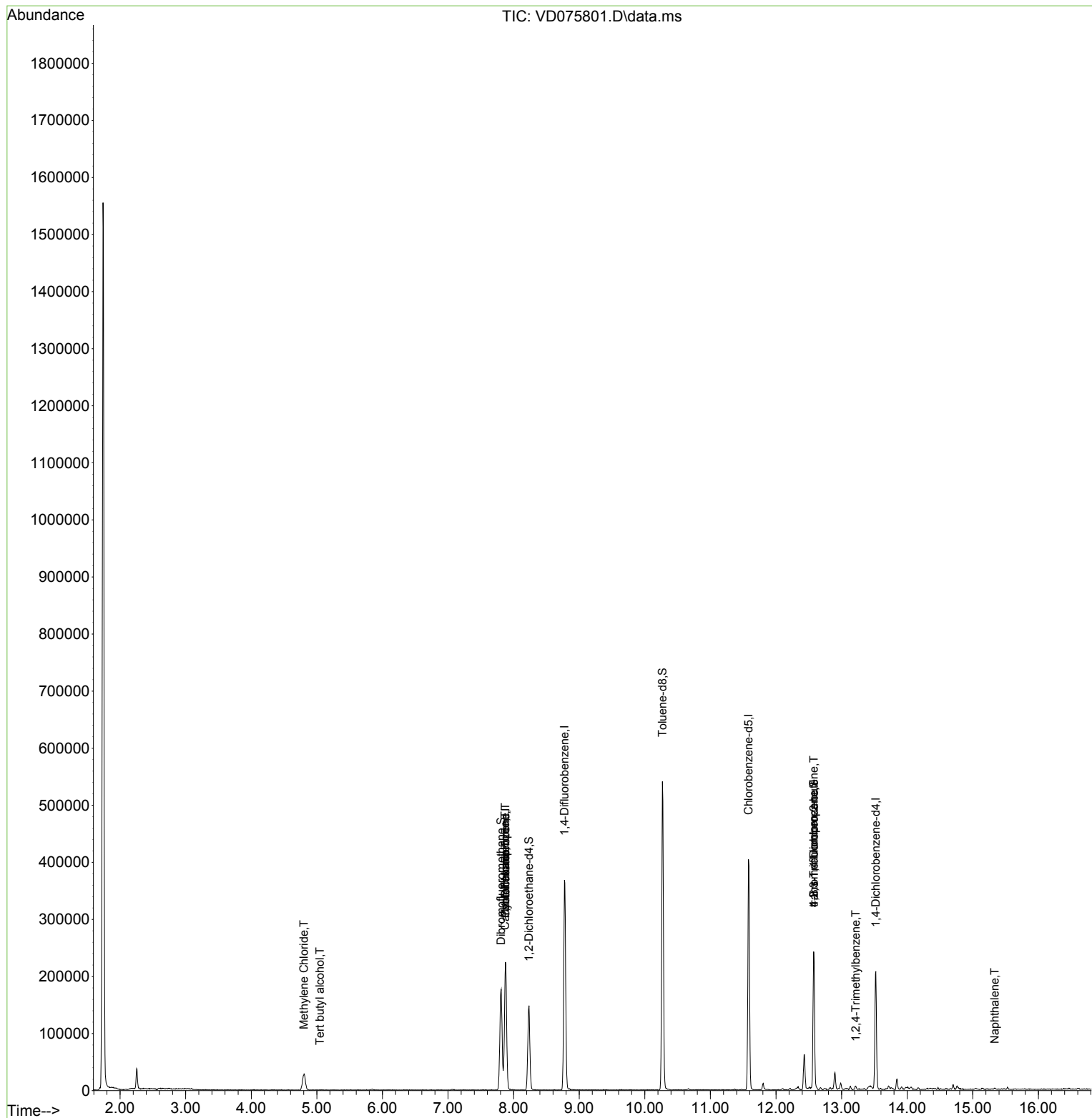
Internal Standards						
1) Pentafluorobenzene	7.875	168	189359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	367811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	113211	62.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.980%	
35) Dibromofluoromethane	7.811	113	133855	54.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.269	98	401229	40.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.000%	
62) 4-Bromofluorobenzene	12.575	95	76635	29.103	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 58.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	180	1.995	ug/l #	100
20) Methylene Chloride	4.805	84	25147	5.794	ug/l #	71
31) Cyclohexane	7.875	56	3278	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	13406	3.928	ug/l #	50
38) Carbon Tetrachloride	7.869	117	16849	5.606	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	38266	77.421	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	38266	167.802	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.216	105	3752	1.128	ug/l	85
95) Naphthalene	15.334	128	2020	1.003	ug/l #	82

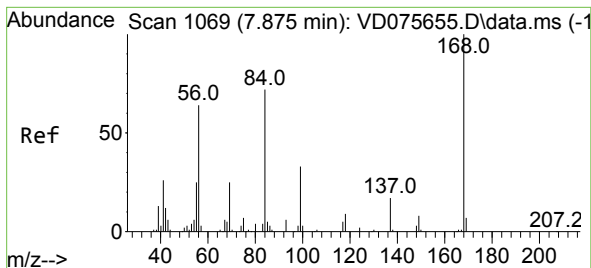
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
Data File : VD075801.D
Acq On : 24 Apr 2023 18:48
Operator : KP/SY
Sample : 02467-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
279

Quant Time: Apr 25 06:11:41 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: VD075801.D

Acq: 24 Apr 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

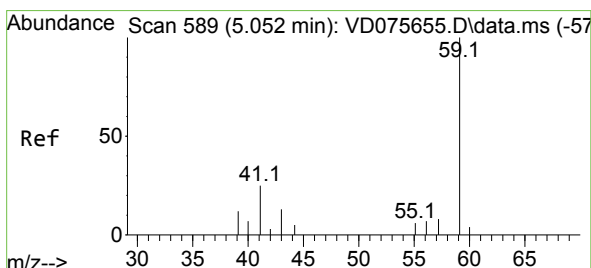
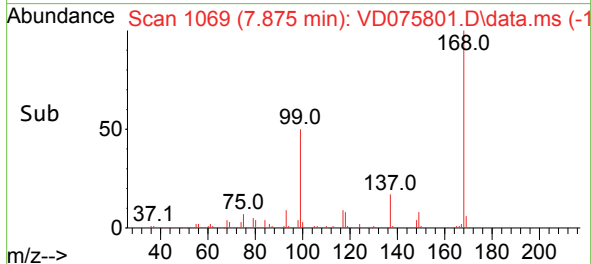
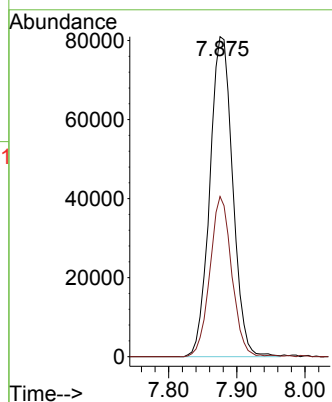
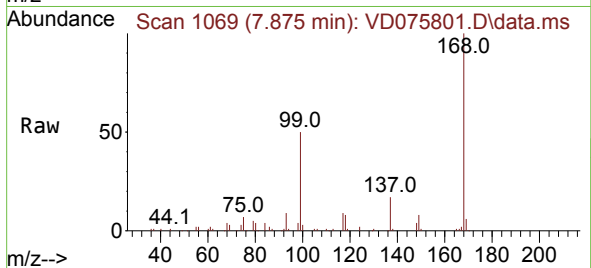
279

Tgt Ion:168 Resp: 189359

Ion Ratio Lower Upper

168 100

99 50.1 43.8 65.6



#11

Tert butyl alcohol

Concen: 1.995 ug/l

RT: 5.046 min Scan# 588

Delta R.T. -0.006 min

Lab File: VD075801.D

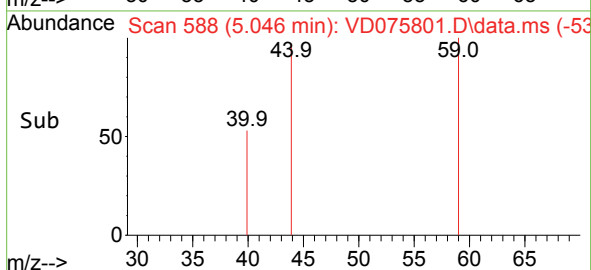
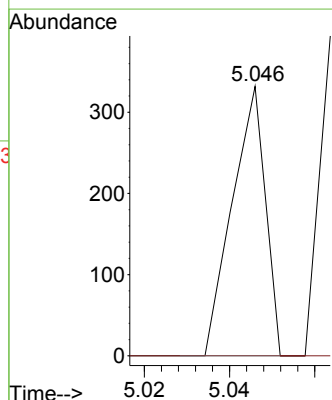
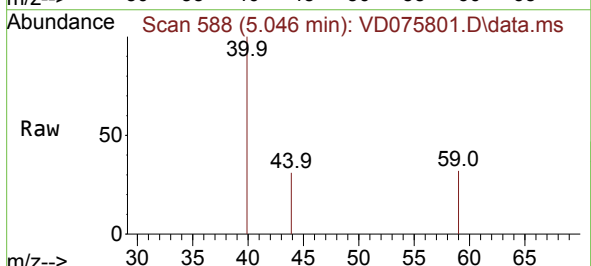
Acq: 24 Apr 2023 18:48

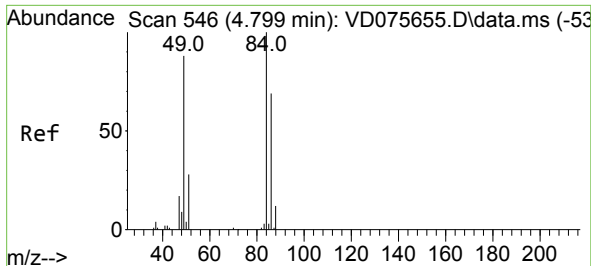
Tgt Ion: 59 Resp: 180

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0

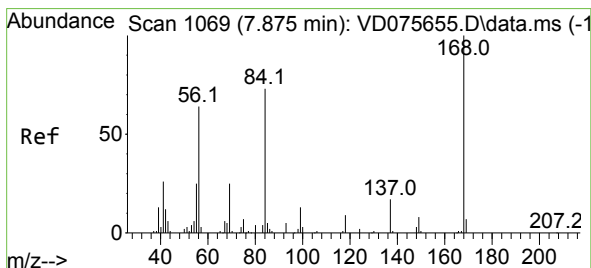
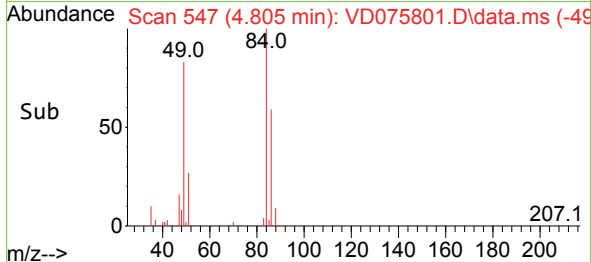
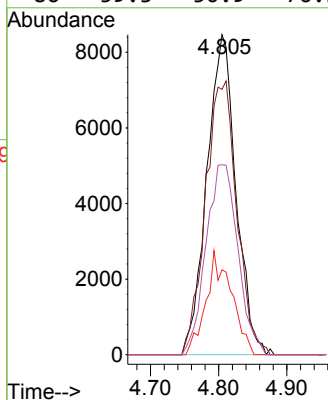
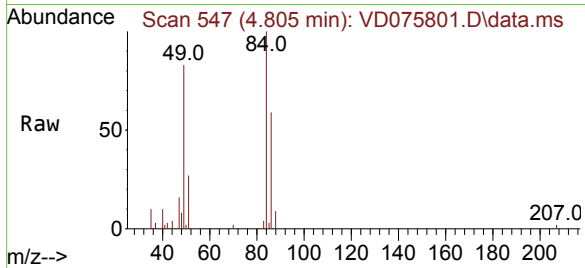




#20
Methylene Chloride
Concen: 5.794 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075801.D
Acq: 24 Apr 2023 18:48

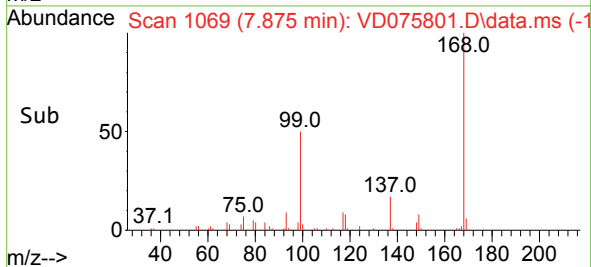
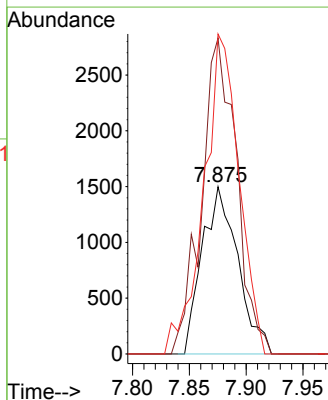
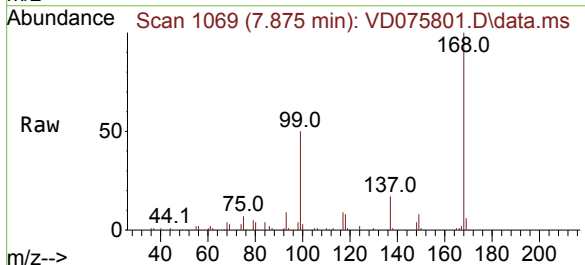
Instrument :
MSVOA_D
ClientSampleId :
279

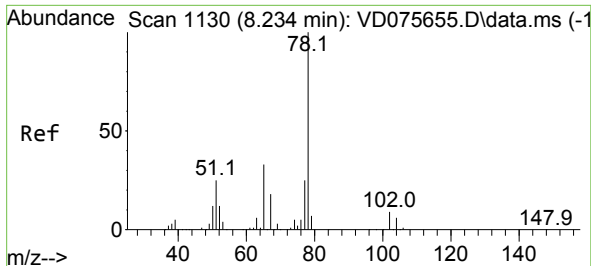
Tgt Ion:	84	Resp:	25147
Ion	Ratio	Lower	Upper
84	100		
49	82.9	106.4	159.6#
51	26.5	32.4	48.6#
86	59.3	50.9	76.3



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075801.D
Acq: 24 Apr 2023 18:48

Tgt Ion:	56	Resp:	3278
Ion	Ratio	Lower	Upper
56	100		
69	188.9	25.5	38.3#
84	191.3	69.6	104.4#

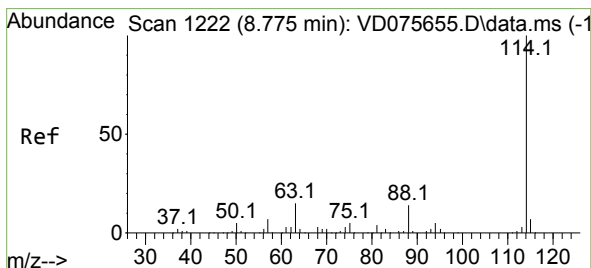
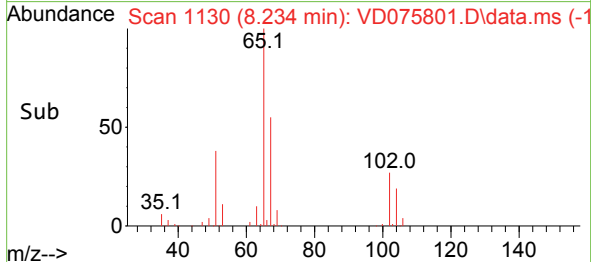
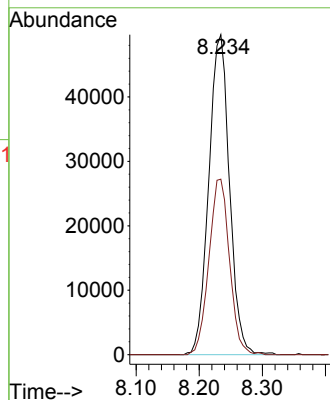
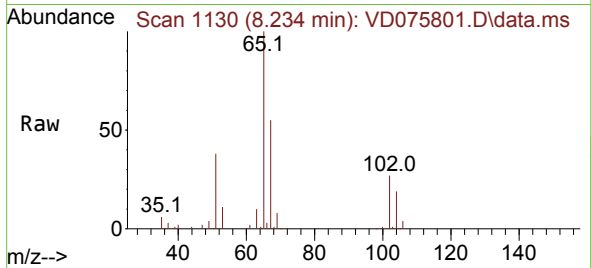




#33
1,2-Dichloroethane-d4
Concen: 62.987 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075801.D
Acq: 24 Apr 2023 18:48

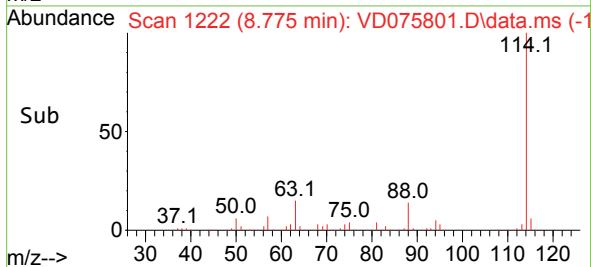
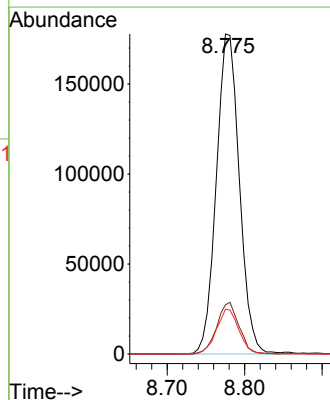
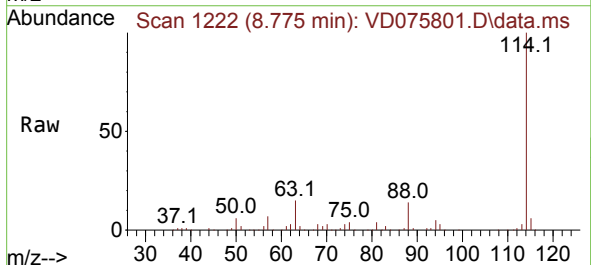
Instrument :
MSVOA_D
ClientSampleId :
279

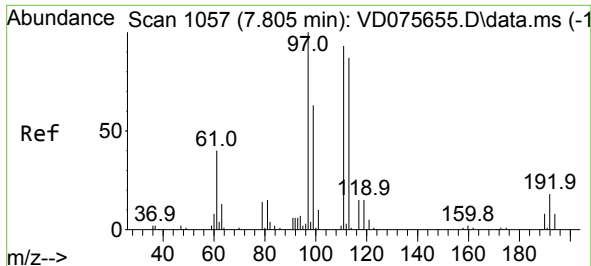
Tgt Ion: 65 Resp: 113211
Ion Ratio Lower Upper
65 100
67 54.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD075801.D
Acq: 24 Apr 2023 18:48

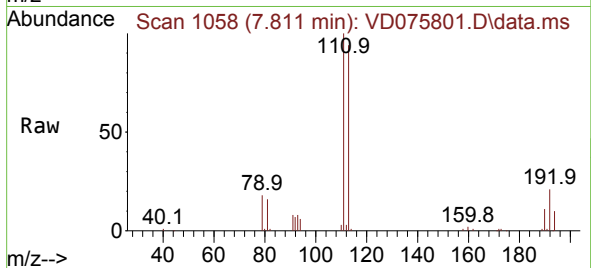
Tgt Ion:114 Resp: 367811
Ion Ratio Lower Upper
114 100
63 15.4 0.0 41.6
88 14.0 0.0 30.6



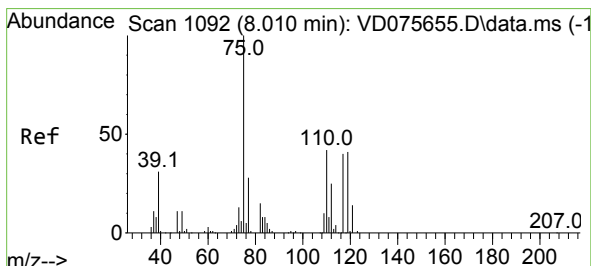
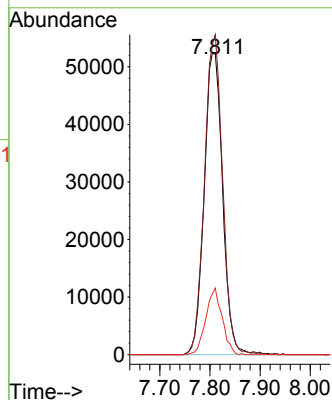
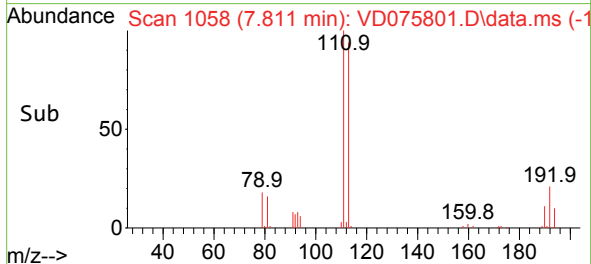


#35
 Dibromofluoromethane
 Concen: 54.107 ug/l
 RT: 7.811 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD075801.D
 Acq: 24 Apr 2023 18:48

Instrument : MSVOA_D
 ClientSampleId : 279

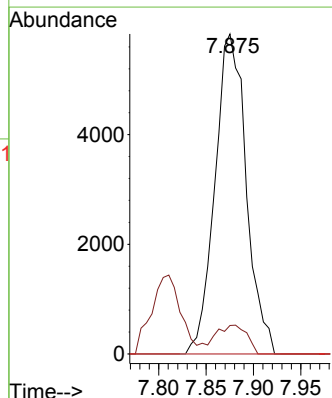
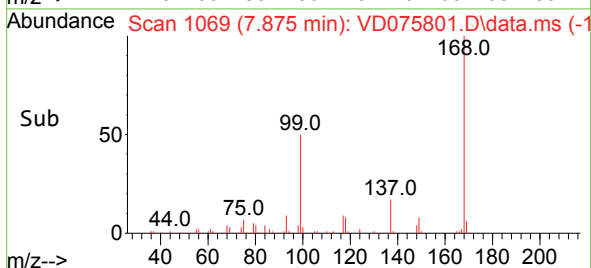
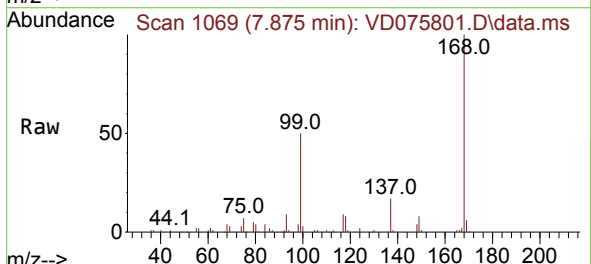


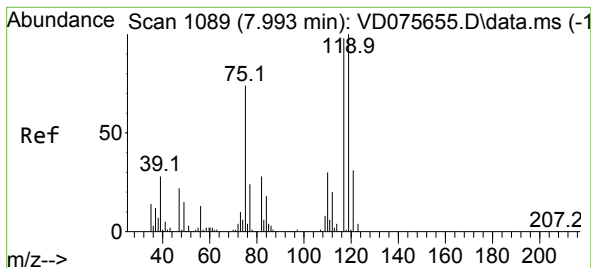
Tgt Ion: 113 Resp: 133855
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.4 122.0
 192 19.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 3.928 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD075801.D
 Acq: 24 Apr 2023 18:48

Tgt Ion: 75 Resp: 13406
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.1 51.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.606 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD075801.D

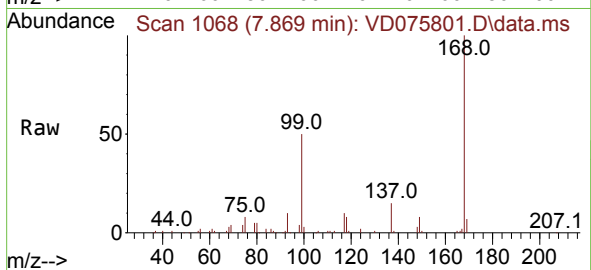
Acq: 24 Apr 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

279



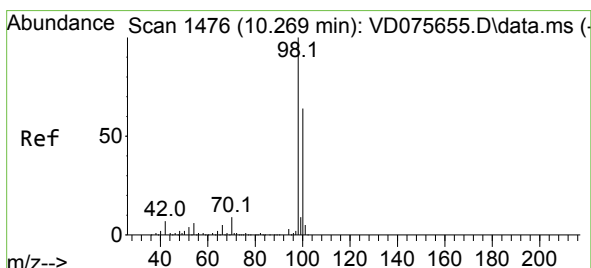
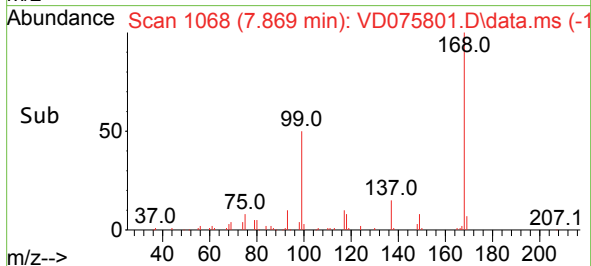
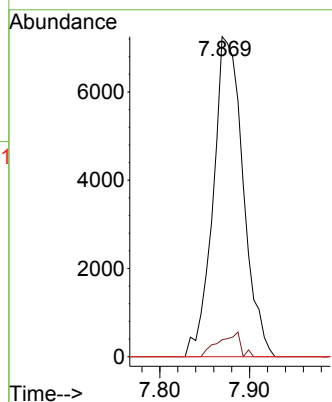
Tgt Ion:117 Resp: 16849

Ion Ratio Lower Upper

117 100

119 5.3 74.7 112.1#

121 0.0 25.9 38.9#



#50

Toluene-d8

Concen: 40.500 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075801.D

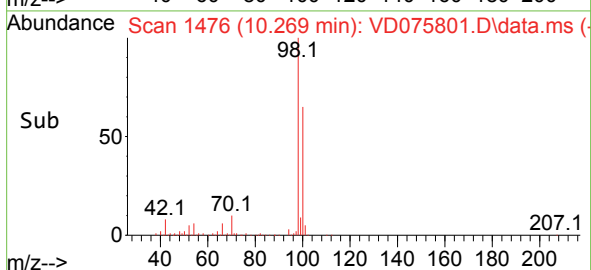
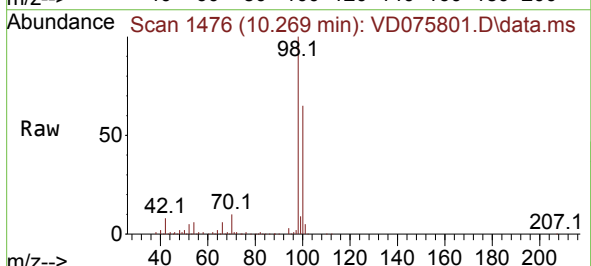
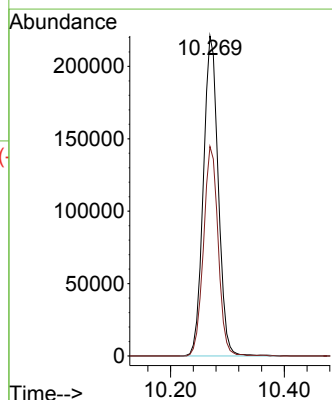
Acq: 24 Apr 2023 18:48

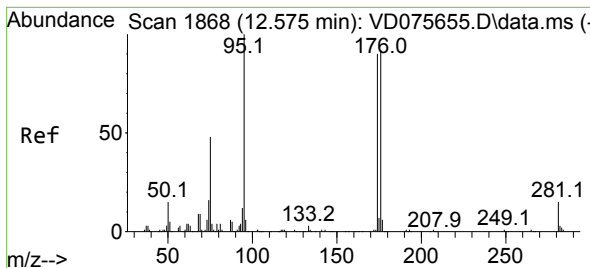
Tgt Ion: 98 Resp: 401229

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1

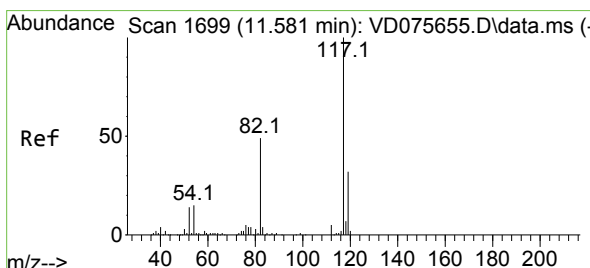
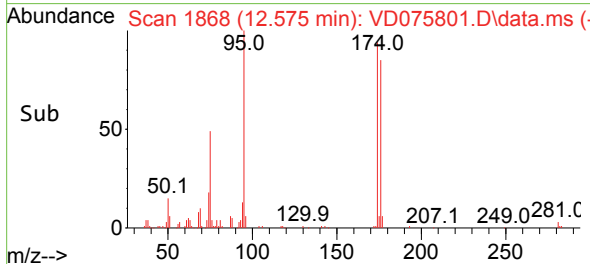
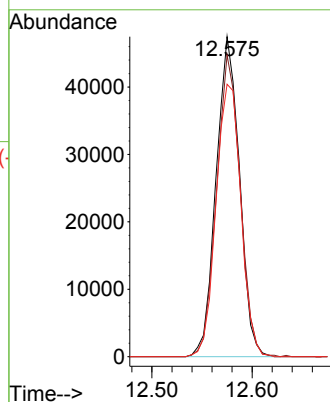
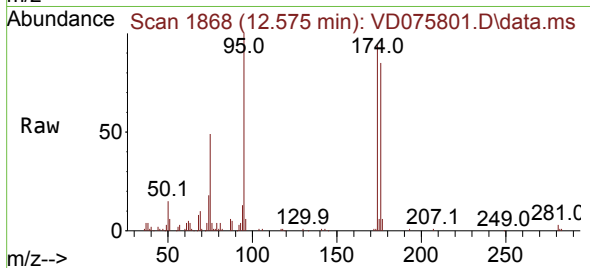




#62
4-Bromofluorobenzene
Concen: 29.103 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075801.D
Acq: 24 Apr 2023 18:48

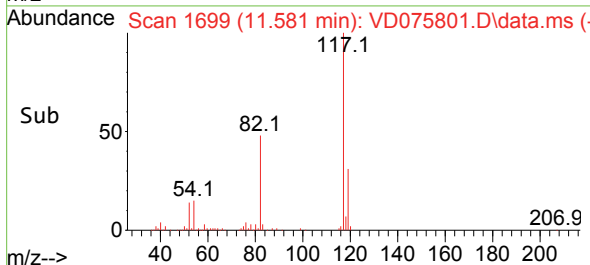
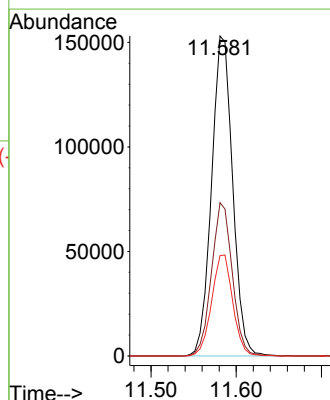
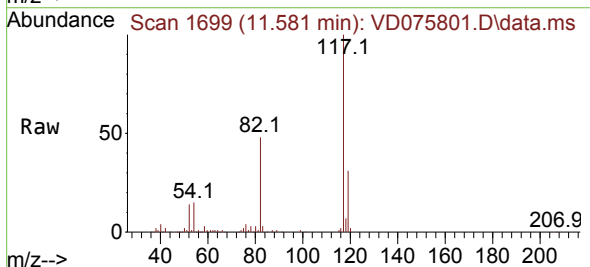
Instrument :
MSVOA_D
ClientSampleId :
279

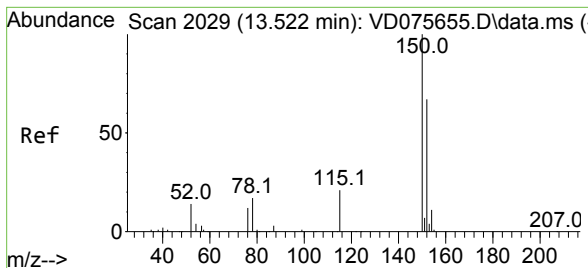
Tgt Ion: 95 Resp: 76635
Ion Ratio Lower Upper
95 100
174 95.1 0.0 164.0
176 90.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075801.D
Acq: 24 Apr 2023 18:48

Tgt Ion: 117 Resp: 263762
Ion Ratio Lower Upper
117 100
82 47.9 44.0 66.0
119 31.3 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD075801.D

Acq: 24 Apr 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

279

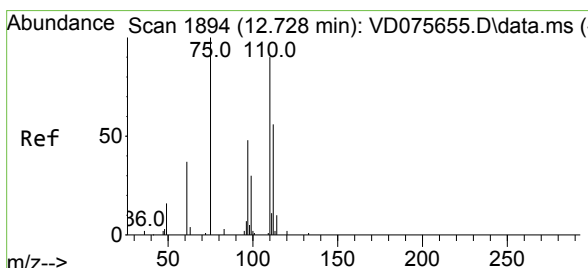
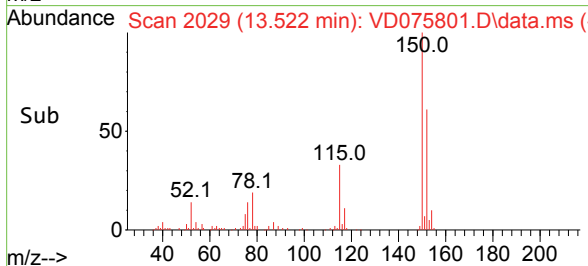
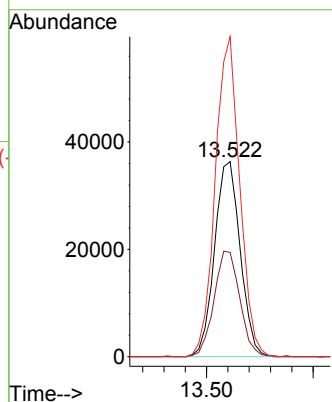
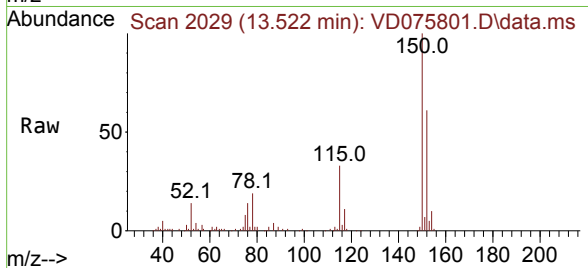
Tgt Ion:152 Resp: 60609

Ion Ratio Lower Upper

152 100

115 54.5 30.1 90.3

150 156.4 0.0 364.8



#76

1,2,3-Trichloropropane

Concen: 77.421 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075801.D

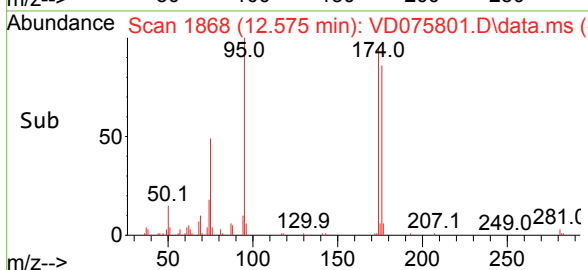
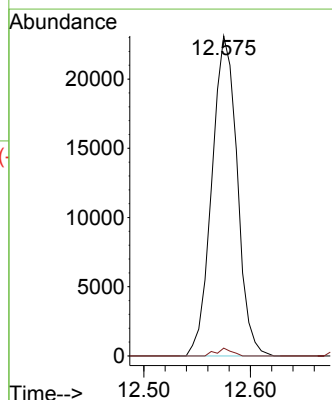
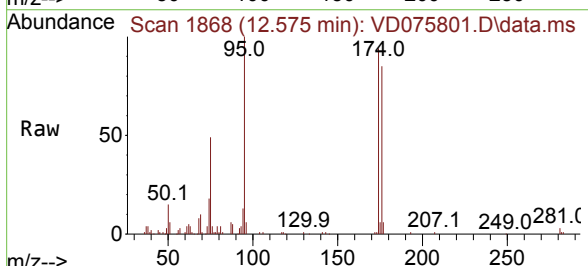
Acq: 24 Apr 2023 18:48

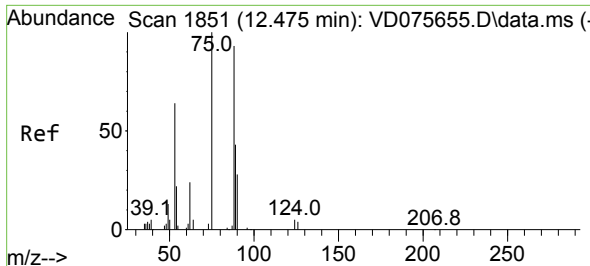
Tgt Ion: 75 Resp: 38266

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

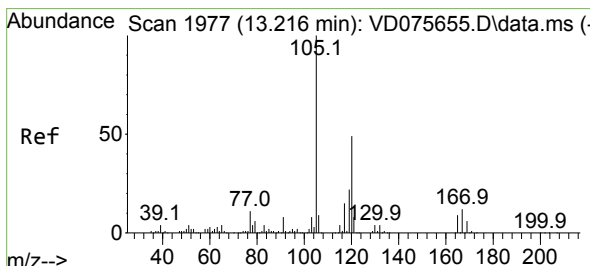
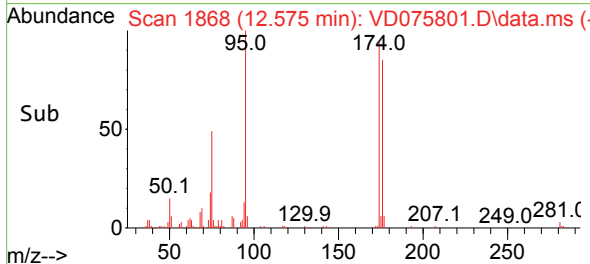
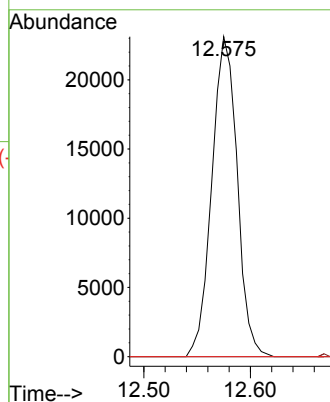
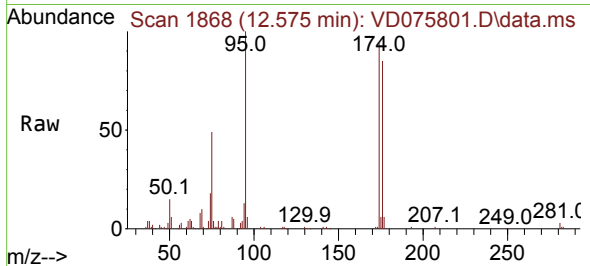




#81
trans-1,4-Dichloro-2-butene
Concen: 167.802 ug/l
RT: 12.575 min Scan# 1851
Delta R.T. 0.100 min
Lab File: VD075801.D
Acq: 24 Apr 2023 18:48

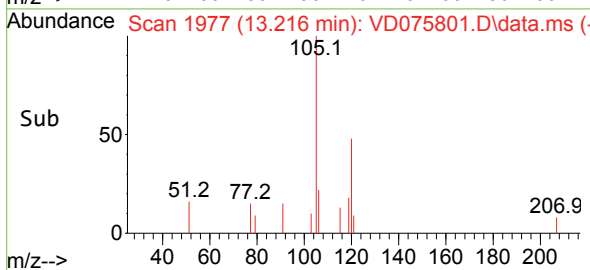
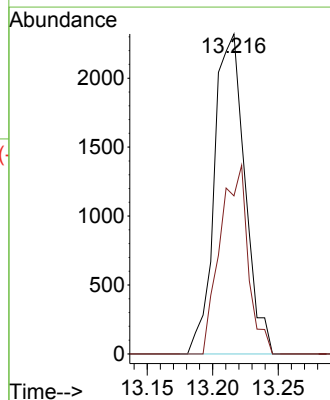
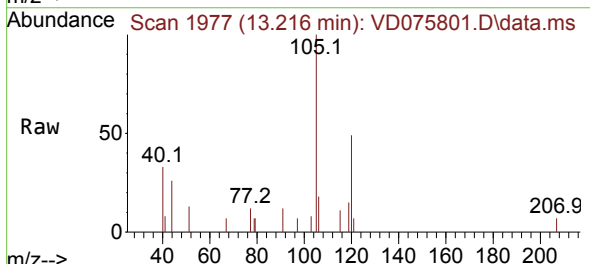
Instrument :
MSVOA_D
ClientSampleId :
279

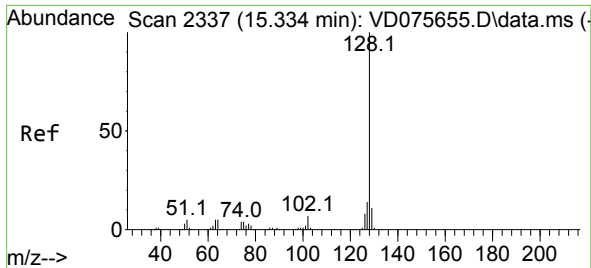
Tgt Ion: 75 Resp: 38266
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.128 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075801.D
Acq: 24 Apr 2023 18:48

Tgt Ion: 105 Resp: 3752
Ion Ratio Lower Upper
105 100
120 54.1 22.3 66.9





#95

Naphthalene

Concen: 1.003 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075801.D

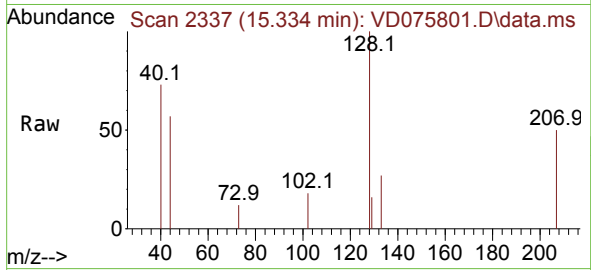
Acq: 24 Apr 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

279



Tgt Ion:128 Resp: 2020

Ion Ratio Lower Upper

128 100

127 6.4 10.4 15.6#

129 3.7 8.8 13.2#

