

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075190.D
 Acq On : 24 Jan 2023 16:26
 Operator : KP/SY
 Sample : 01266-01
 Misc : 5.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 25 00:33:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

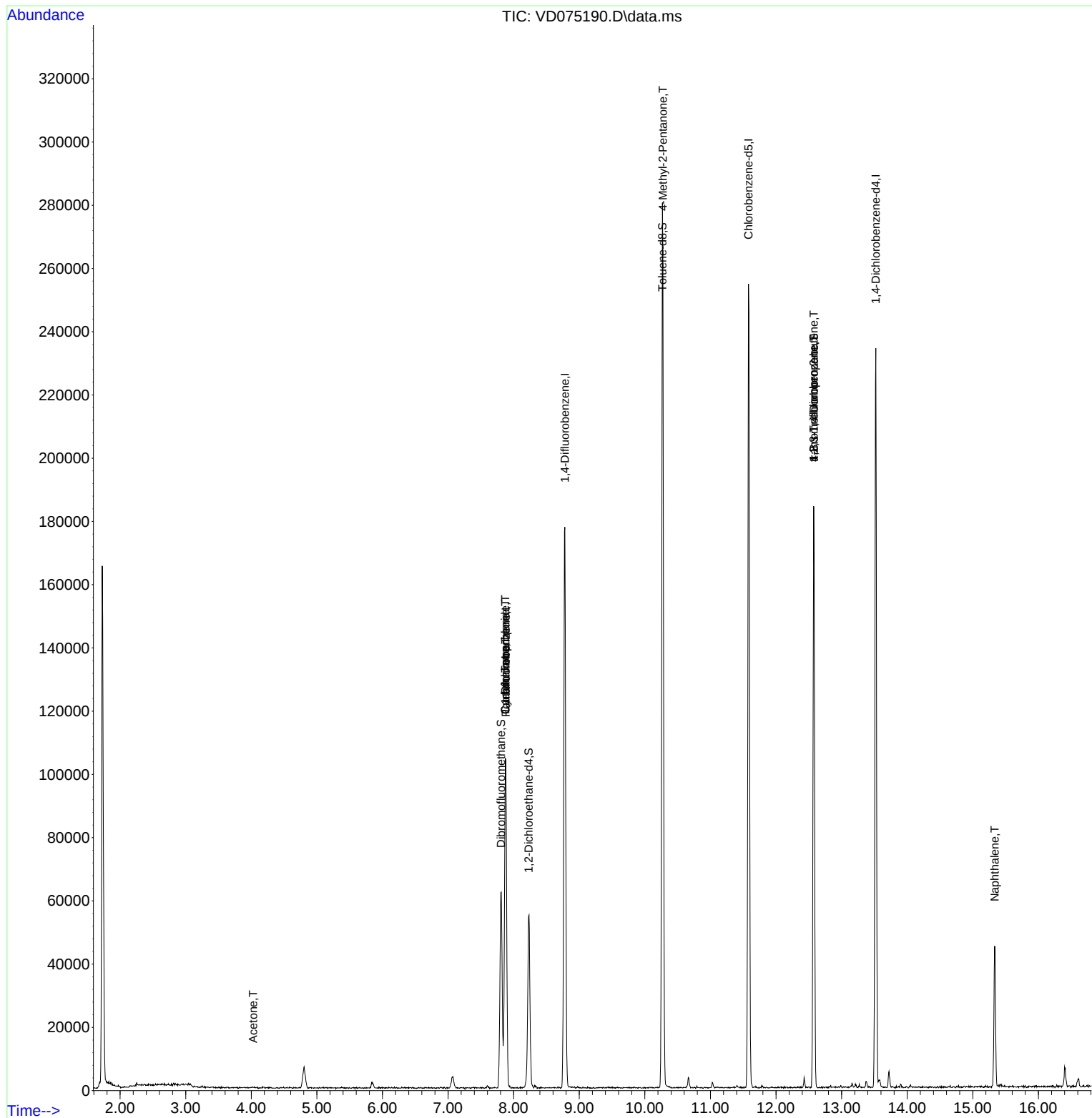
Internal Standards						
1) Pentafluorobenzene	7.881	168	78117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	155780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	143356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	59532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41782	52.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.840%	
35) Dibromofluoromethane	7.810	113	45050	47.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.720%	
50) Toluene-d8	10.269	98	192273	51.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.760%	
62) 4-Bromofluorobenzene	12.575	95	58060	49.359	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	360	1.712	ug/l #	42
20) Methylene Chloride	4.805	84	4774	Below Cal		97
31) Cyclohexane	7.875	56	2068	1.294	ug/l #	38
36) 1,1-Dichloropropene	7.875	75	6815	4.506	ug/l #	49
38) Carbon Tetrachloride	7.875	117	7828	6.147	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	887	1.558	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	30987	61.459	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	30987	142.558	ug/l #	14
95) Naphthalene	15.334	128	36792	15.801	ug/l	98

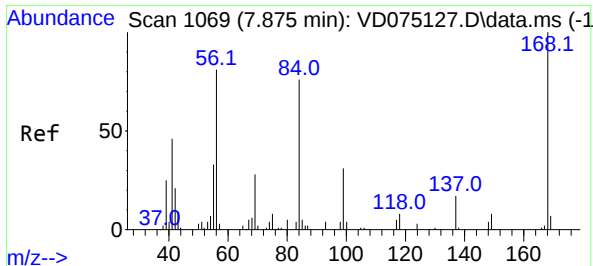
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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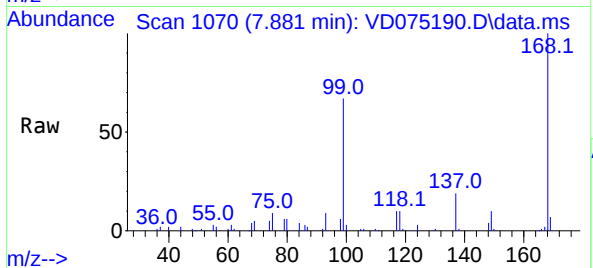
Quant Time: Jan 25 00:33:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



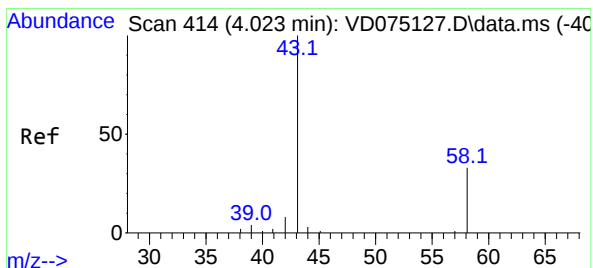
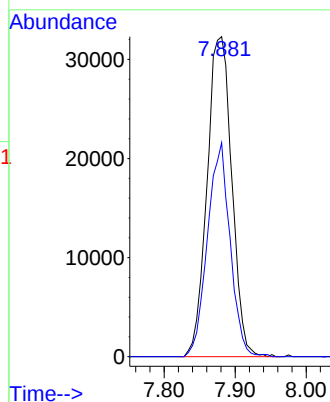
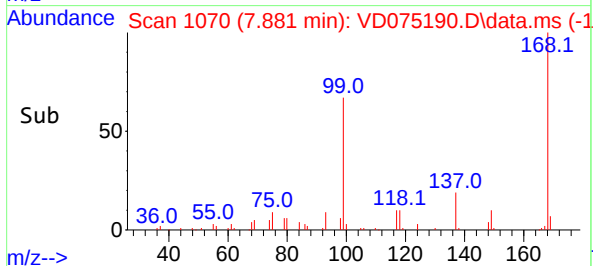


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Instrument :
MSVOA_D
ClientSampleId :

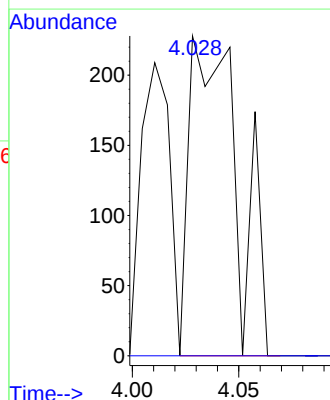
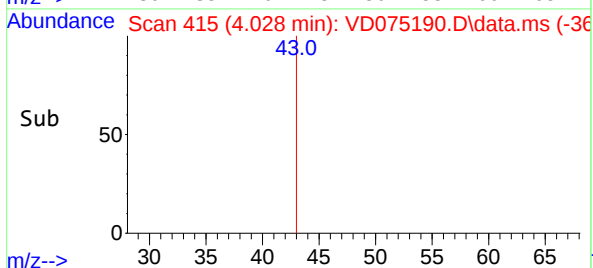
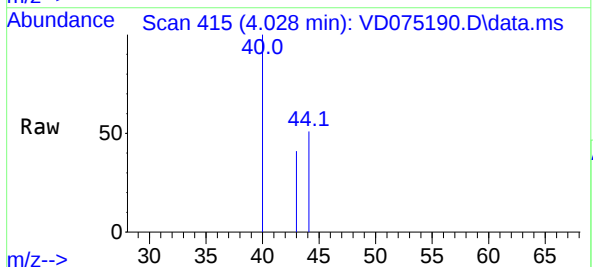


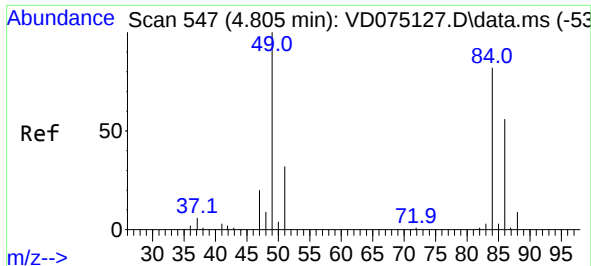
Tgt Ion:168 Resp: 78117
Ion Ratio Lower Upper
168 100
99 66.8 45.2 67.8



#16
Acetone
Concen: 1.712 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

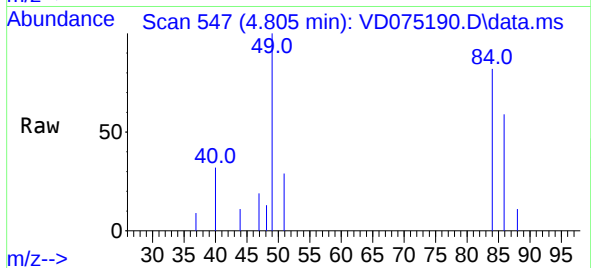
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





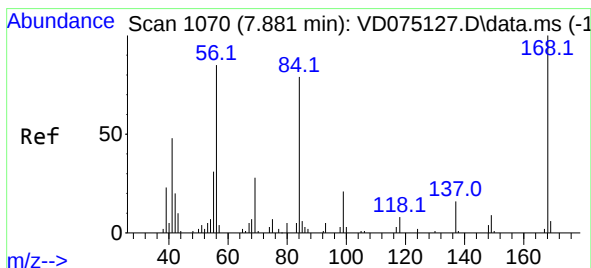
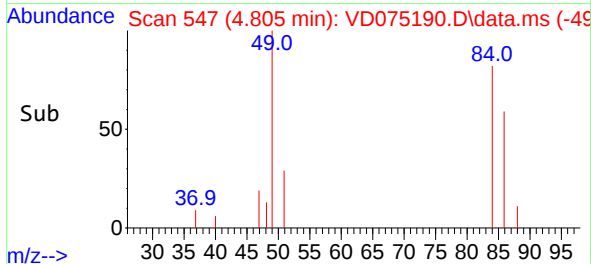
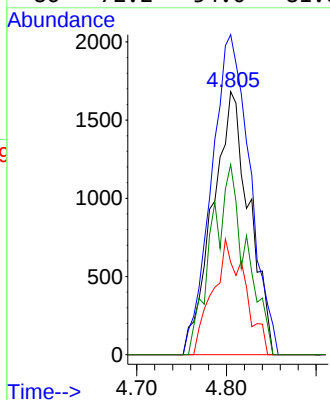
#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 4774

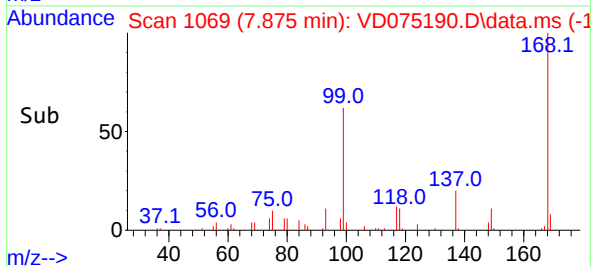
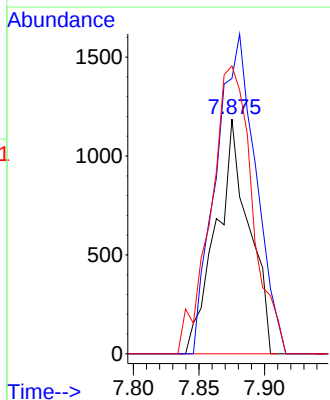
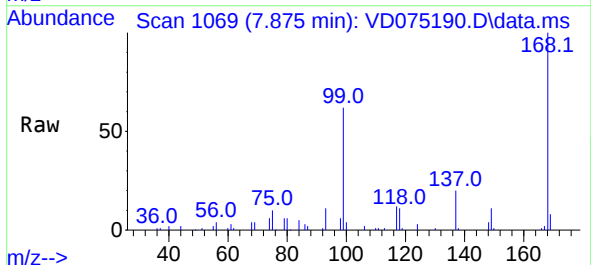
Ion	Ratio	Lower	Upper
84	100		
49	121.6	97.0	145.6
51	35.1	30.9	46.3
86	72.2	54.0	81.0

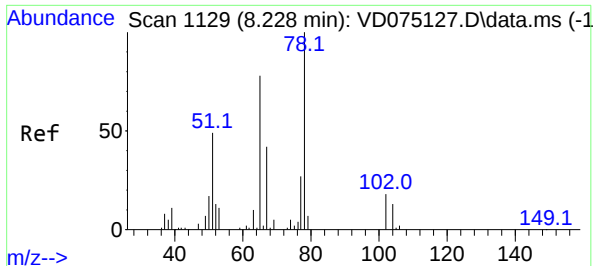


#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Tgt Ion: 56 Resp: 2068

Ion	Ratio	Lower	Upper
56	100		
69	117.3	26.6	40.0#
84	122.6	74.1	111.1#





#33

1,2-Dichloroethane-d4

Concen: 52.416 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075190.D

Acq: 24 Jan 2023 16:26

Instrument :

MSVOA_D

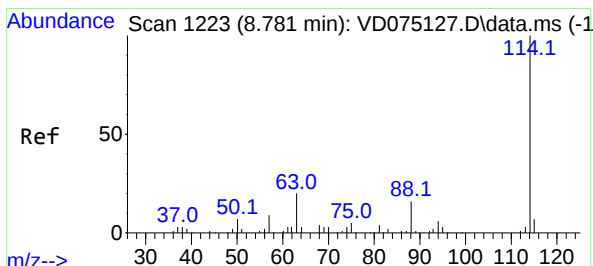
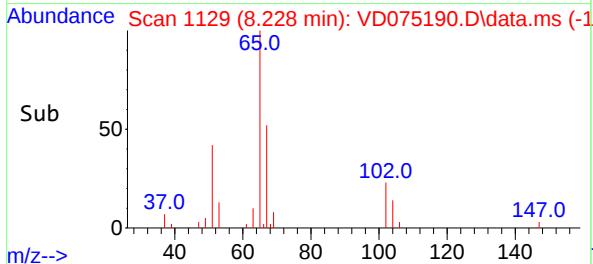
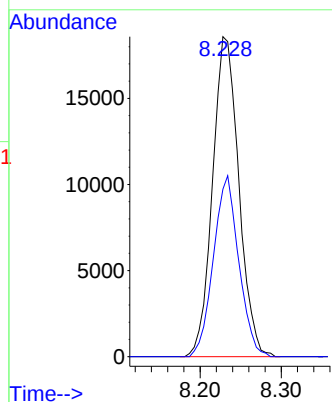
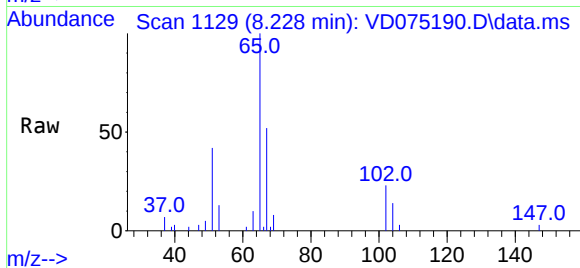
ClientSampleId :

Tgt Ion: 65 Resp: 41782

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075190.D

Acq: 24 Jan 2023 16:26

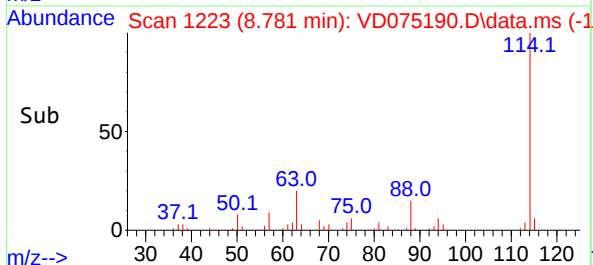
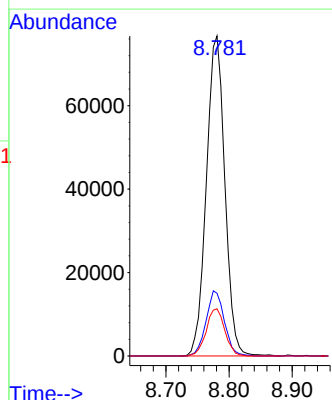
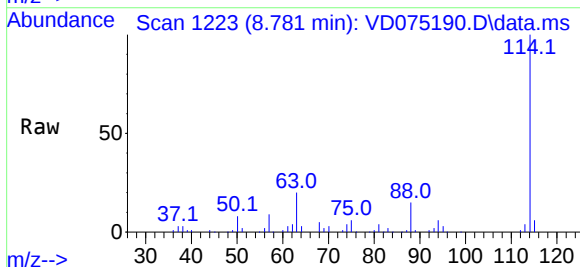
Tgt Ion: 114 Resp: 155780

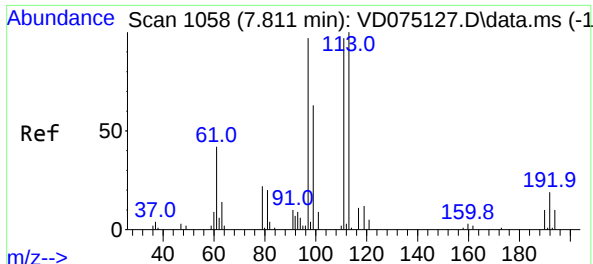
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

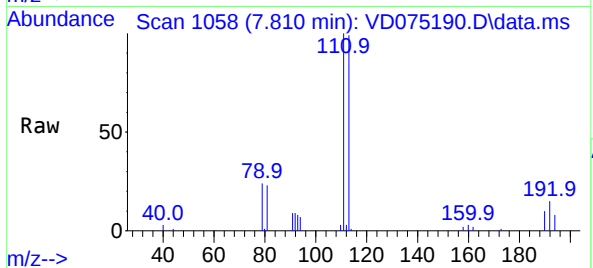
88 14.8 0.0 32.2



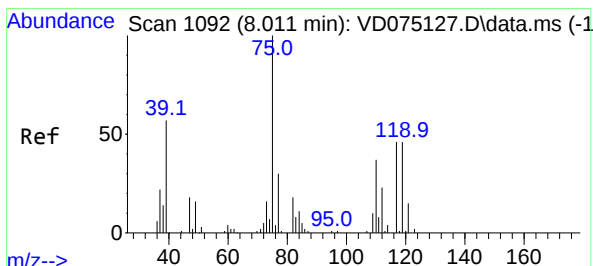
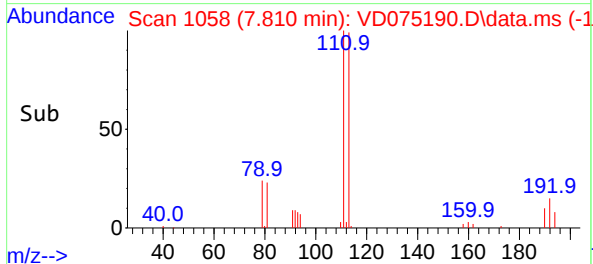
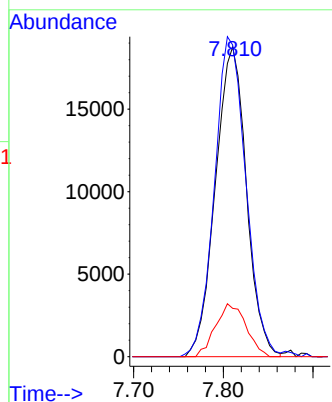


#35
Dibromofluoromethane
Concen: 47.858 ug/l
RT: 7.810 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Instrument :
MSVOA_D
ClientSampleId :

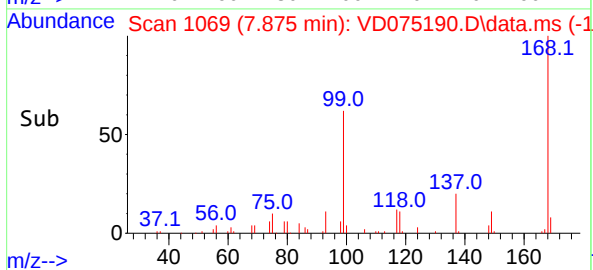
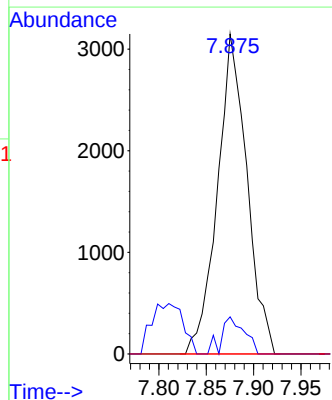
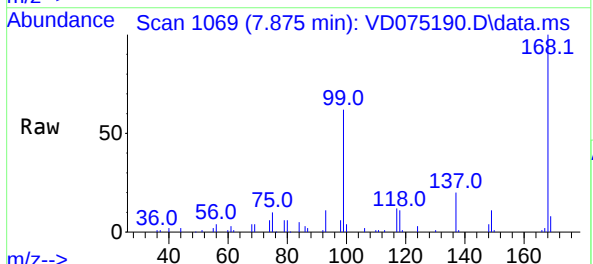


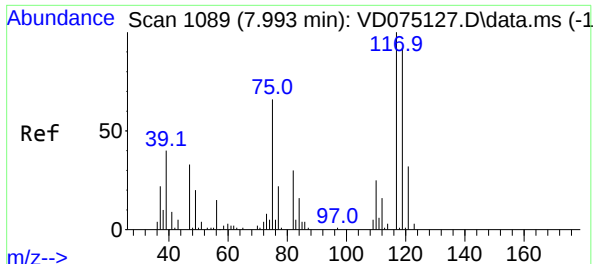
Tgt Ion:113 Resp: 45050
Ion Ratio Lower Upper
113 100
111 105.0 80.1 120.1
192 16.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.506 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

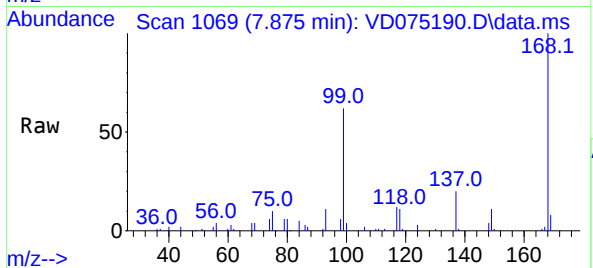
Tgt Ion: 75 Resp: 6815
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.1 37.7#



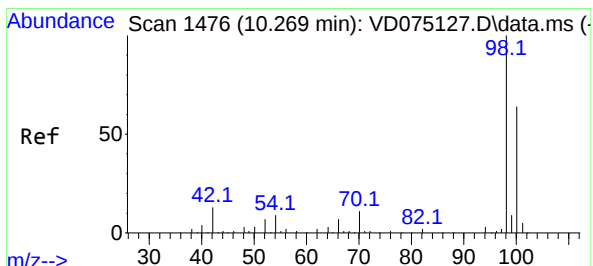
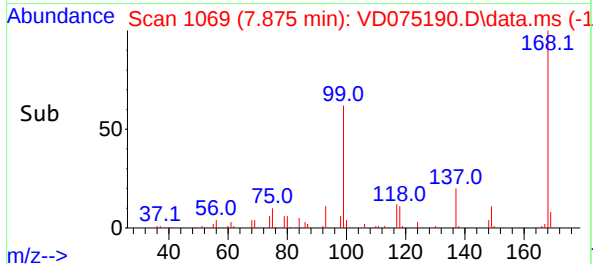
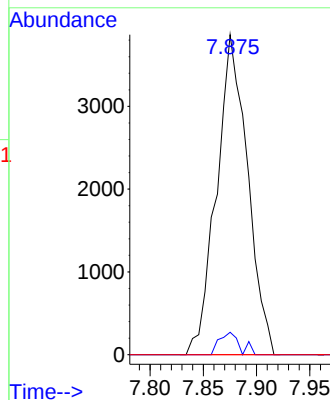


#38
Carbon Tetrachloride
Concen: 6.147 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Instrument :
MSVOA_D
ClientSampleId :

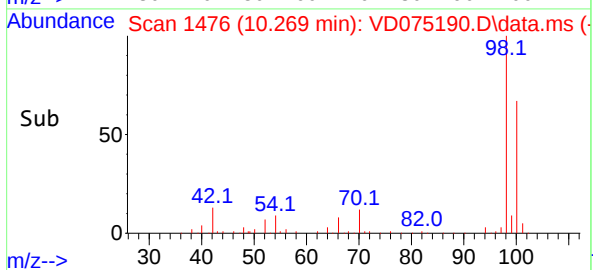
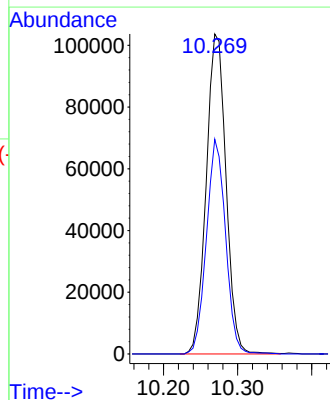
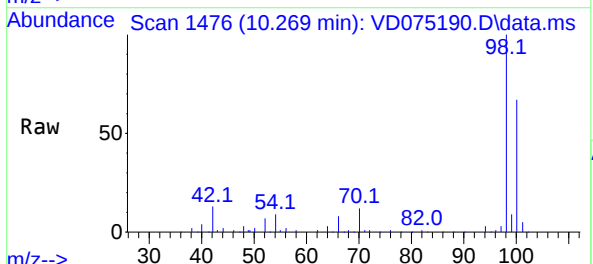


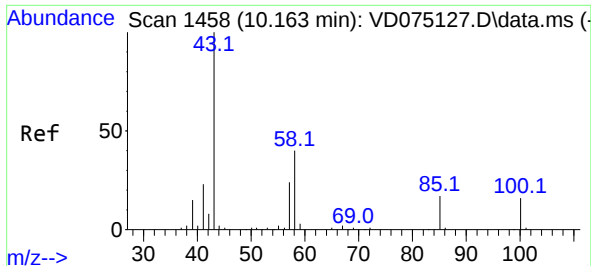
Tgt Ion:117 Resp: 7828
Ion Ratio Lower Upper
117 100
119 7.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.876 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Tgt Ion: 98 Resp: 192273
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.558 ug/l

RT: 10.275 min Scan# 1458

Delta R.T. 0.112 min

Lab File: VD075190.D

Acq: 24 Jan 2023 16:26

Instrument :

MSVOA_D

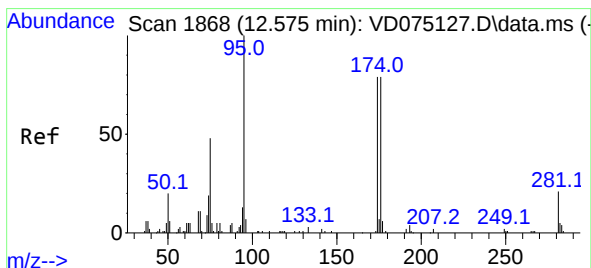
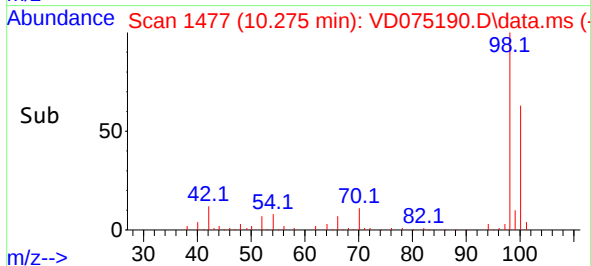
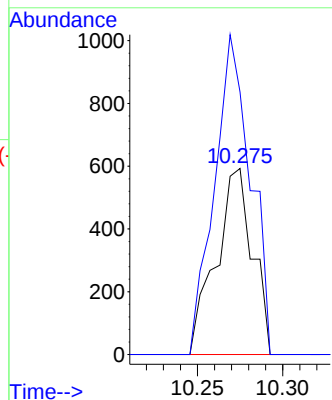
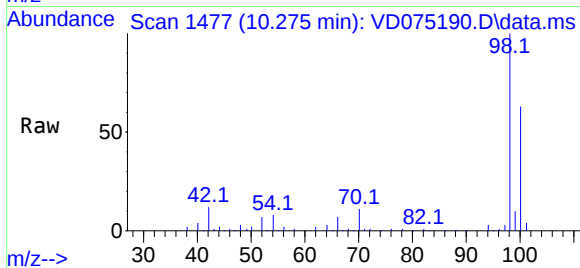
ClientSampleId :

Tgt Ion: 43 Resp: 887

Ion Ratio Lower Upper

43 100

58 169.2 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 49.359 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075190.D

Acq: 24 Jan 2023 16:26

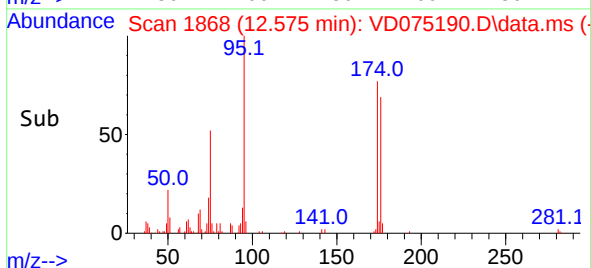
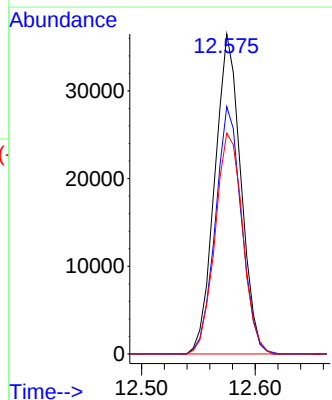
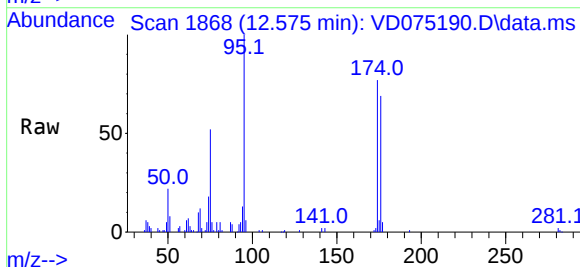
Tgt Ion: 95 Resp: 58060

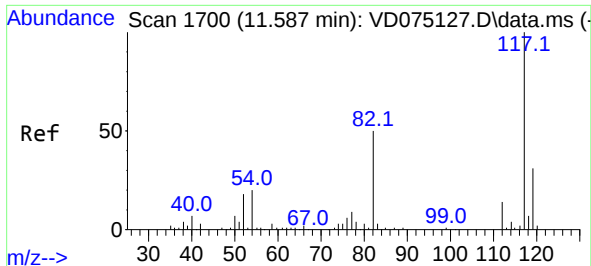
Ion Ratio Lower Upper

95 100

174 77.6 0.0 161.2

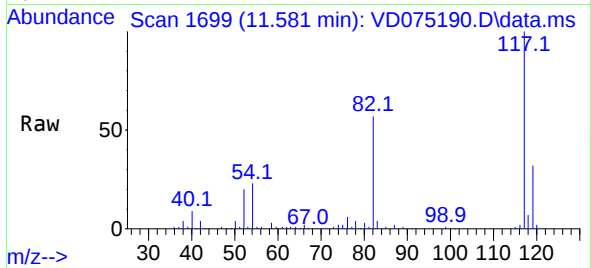
176 73.0 0.0 160.2



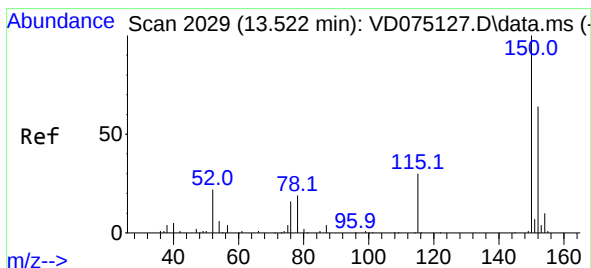
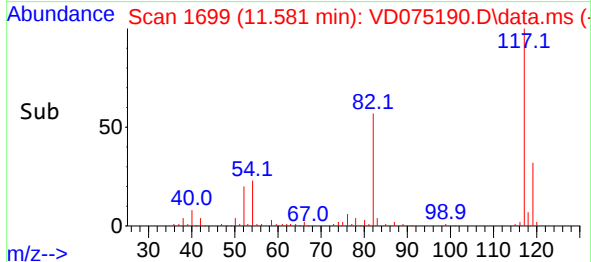
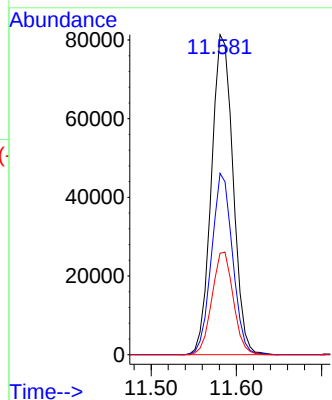


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Instrument :
MSVOA_D
ClientSampleId :

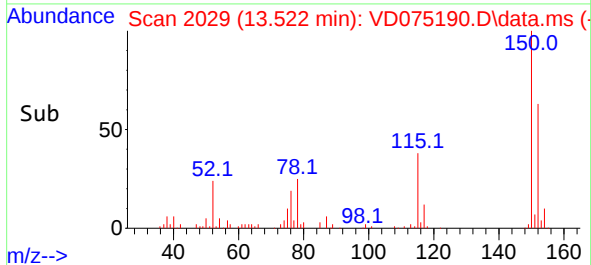
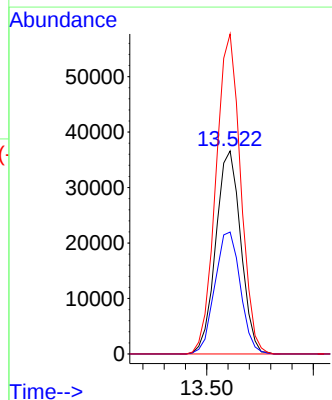
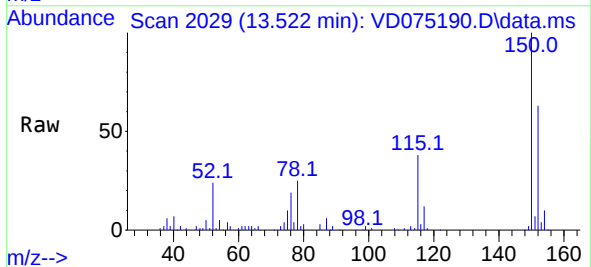


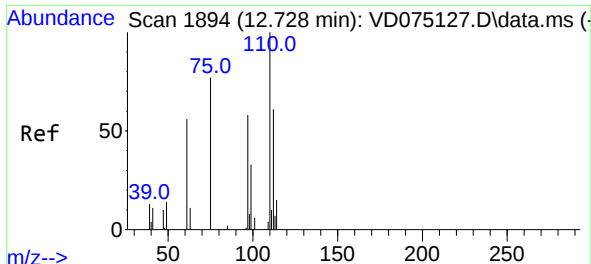
Tgt Ion:117 Resp: 143356
Ion Ratio Lower Upper
117 100
82 56.6 39.6 59.4
119 31.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Tgt Ion:152 Resp: 59532
Ion Ratio Lower Upper
152 100
115 61.6 28.8 86.4
150 156.0 0.0 348.6

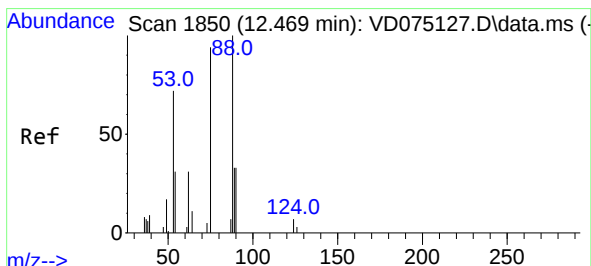
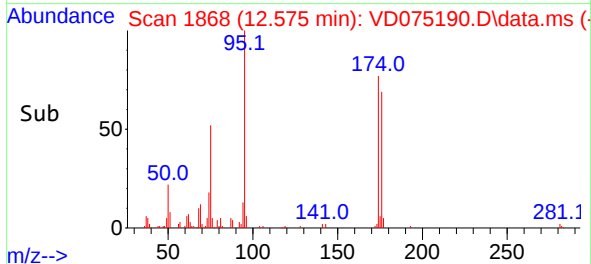
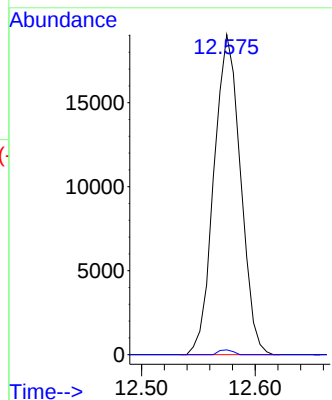
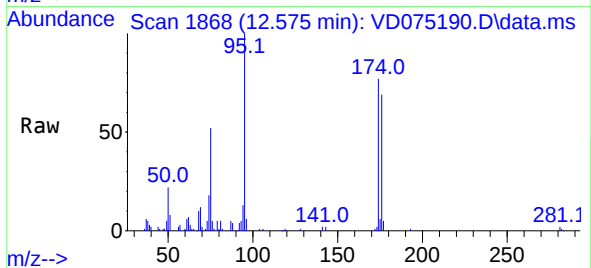




#76
1,2,3-Trichloropropane
Concen: 61.459 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

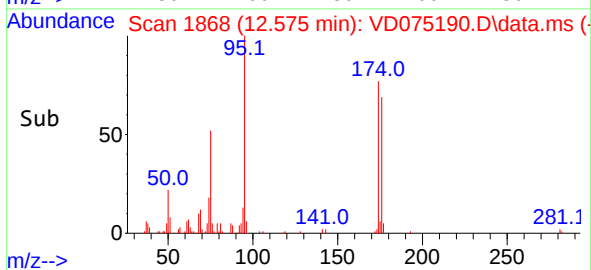
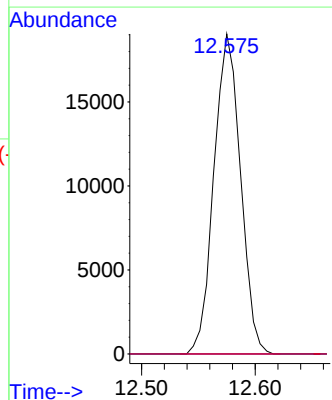
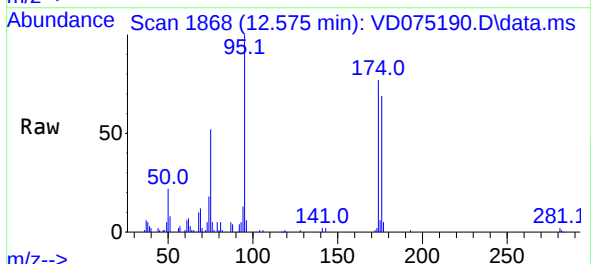
Instrument :
MSVOA_D
ClientSampleId :

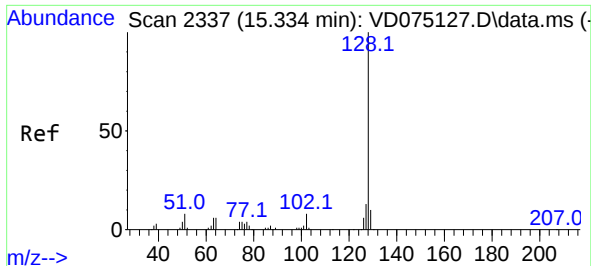
Tgt Ion: 75 Resp: 30987
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.558 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

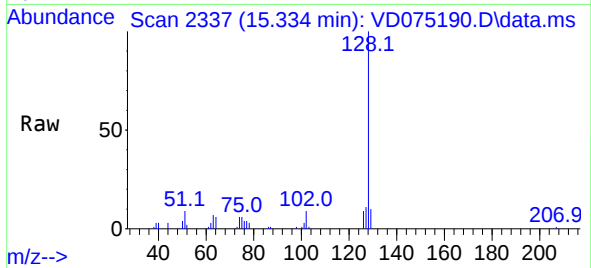
Tgt Ion: 75 Resp: 30987
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#





#95
Naphthalene
Concen: 15.801 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075190.D
Acq: 24 Jan 2023 16:26

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 36792
Ion Ratio Lower Upper
128 100
127 12.2 10.6 15.8
129 10.6 8.7 13.1

