

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075240.D
 Acq On : 30 Jan 2023 16:15
 Operator : KP/SY
 Sample : 01348-06
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-H5(30.5-32)

Quant Time: Jan 31 00:22:42 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)

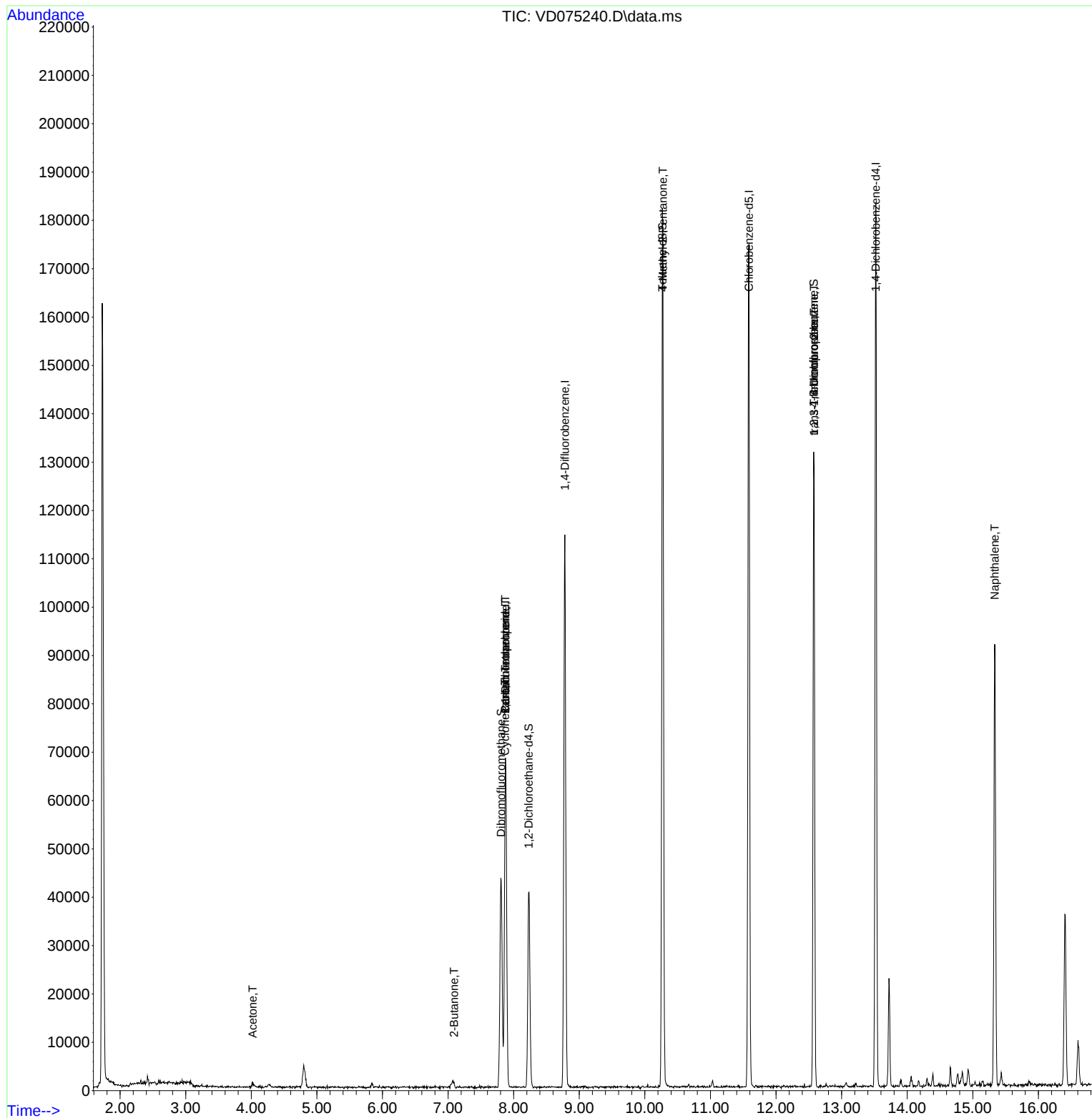
Internal Standards						
1) Pentafluorobenzene	7.875	168	52852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	98920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	100513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32347	59.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.960%	
35) Dibromofluoromethane	7.810	113	31815	53.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.460%	
50) Toluene-d8	10.269	98	124814	53.032	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	12.575	95	42019	56.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.500%	
Target Compounds						
						Qvalue
16) Acetone	4.022	43	1503	10.567	ug/l	93
20) Methylene Chloride	4.805	84	3111	Below Cal		93
25) 2-Butanone	7.093	43	185	1.076	ug/l #	50
31) Cyclohexane	7.869	56	1290	1.193	ug/l #	57
36) 1,1-Dichloropropene	7.875	75	4512	4.698	ug/l #	43
38) Carbon Tetrachloride	7.875	117	5482	6.779	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	483	1.336	ug/l #	1
76) 1,2,3-Trichloropropane	12.581	75	23316	58.735	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	23316	136.240	ug/l #	14
95) Naphthalene	15.333	128	78937	43.056	ug/l	99

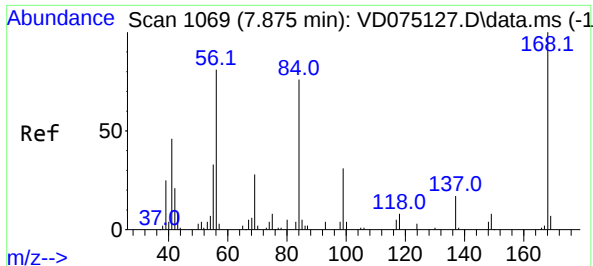
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075240.D
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MSVOA_D
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S-H5(30.5-32)

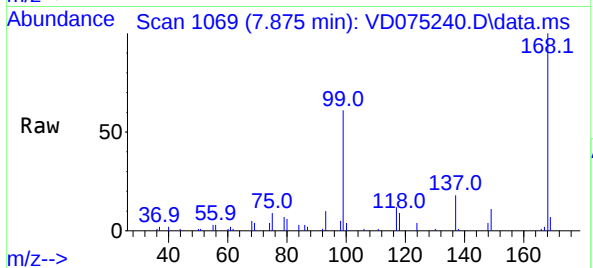
Quant Time: Jan 31 00:22:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



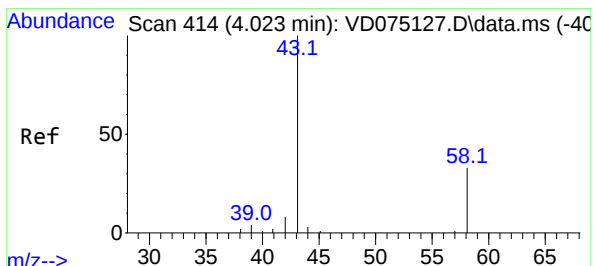
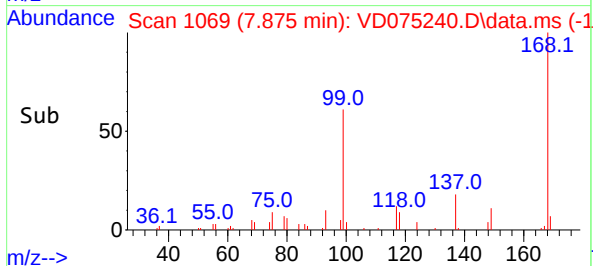
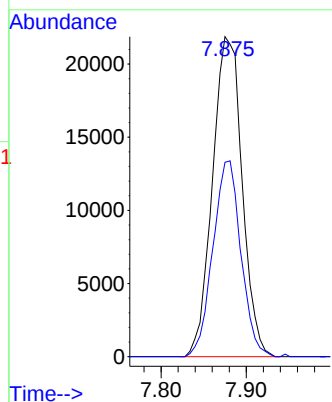


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

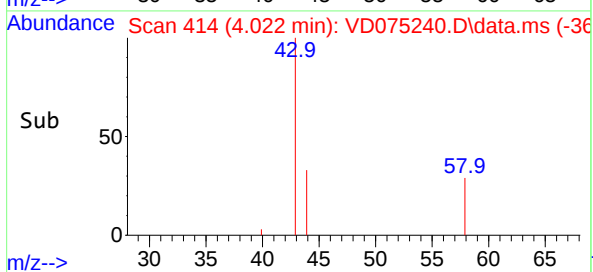
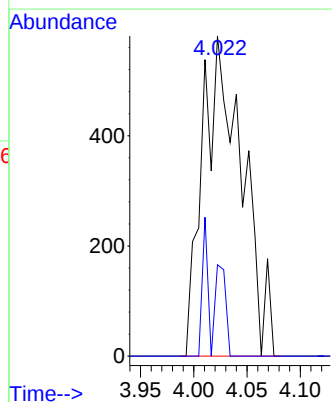
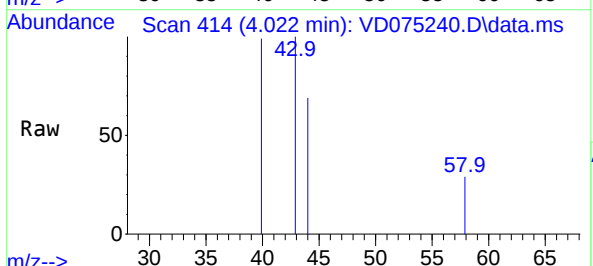


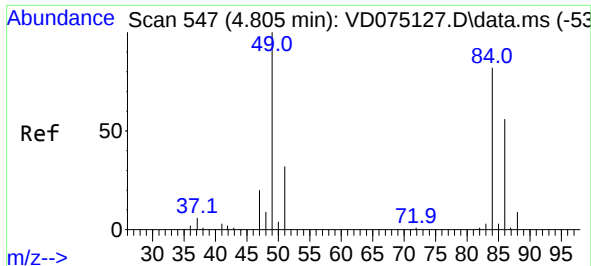
Tgt Ion:168 Resp: 52852
Ion Ratio Lower Upper
168 100
99 60.7 45.2 67.8



#16
Acetone
Concen: 10.567 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0

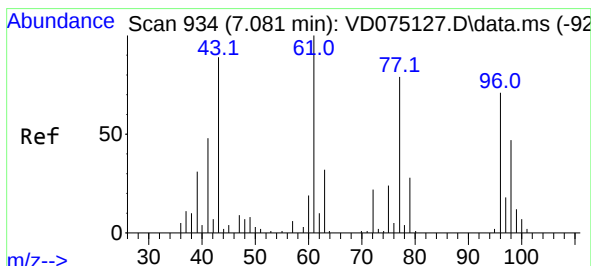
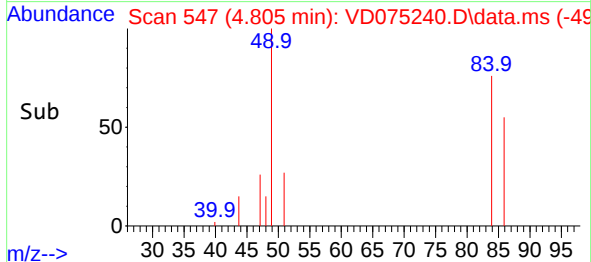
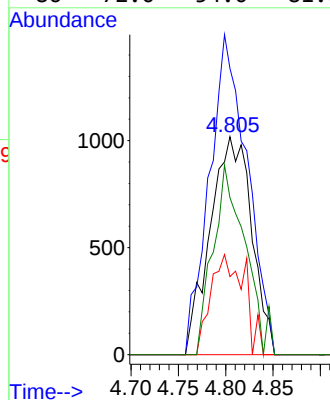
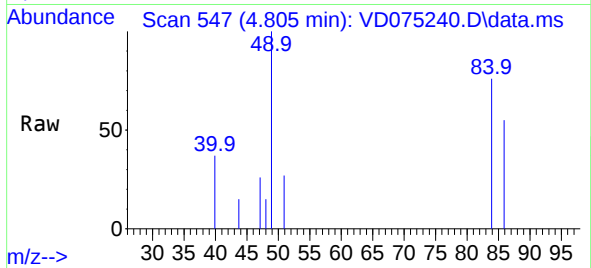




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

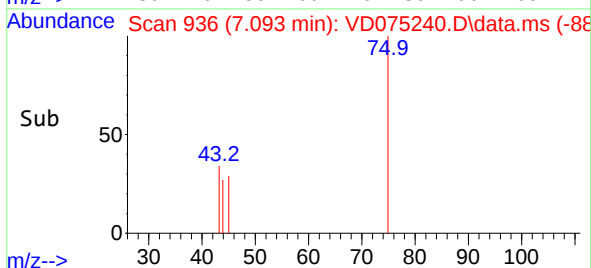
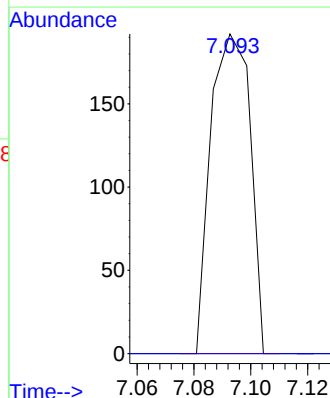
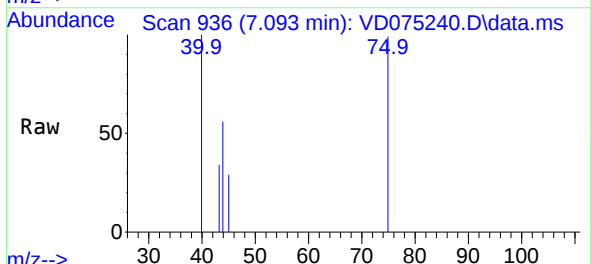
Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

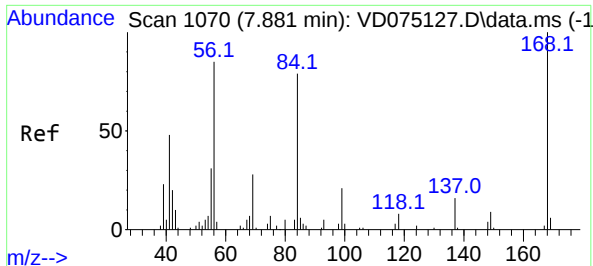
Tgt Ion:	84	Resp:	3111
Ion	Ratio	Lower	Upper
84	100		
49	131.3	97.0	145.6
51	35.9	30.9	46.3
86	72.0	54.0	81.0



#25
2-Butanone
Concen: 1.076 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.011 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

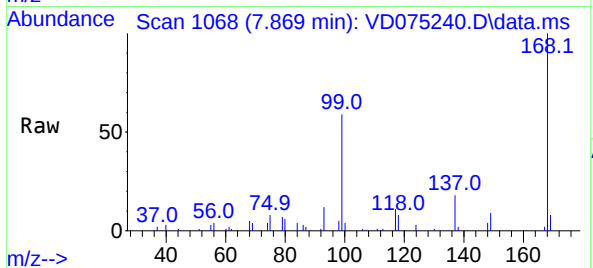
Tgt Ion:	43	Resp:	185
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#



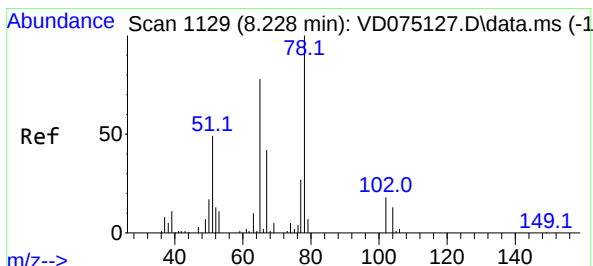
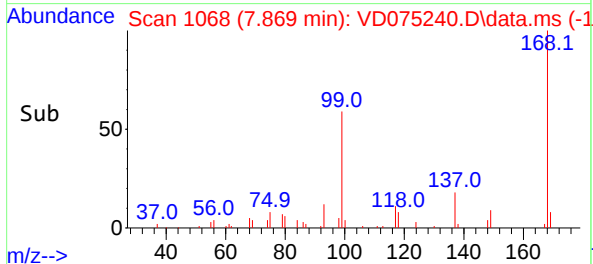
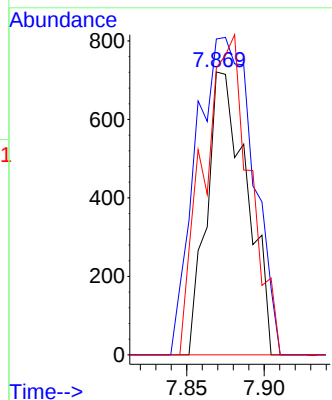


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

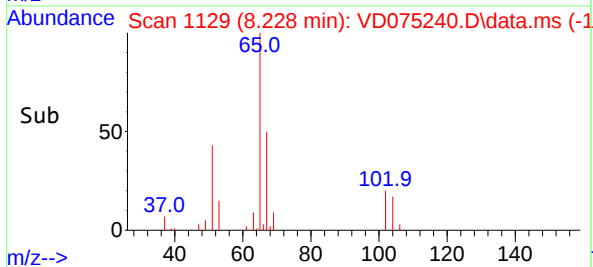
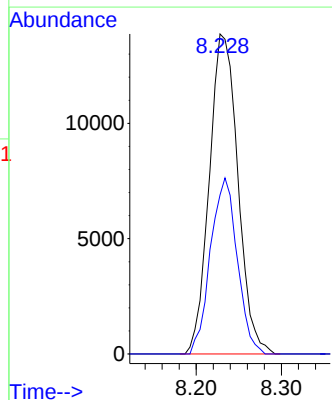
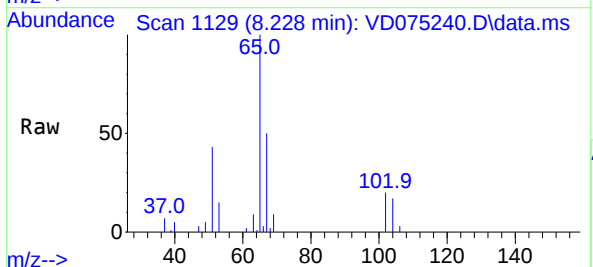


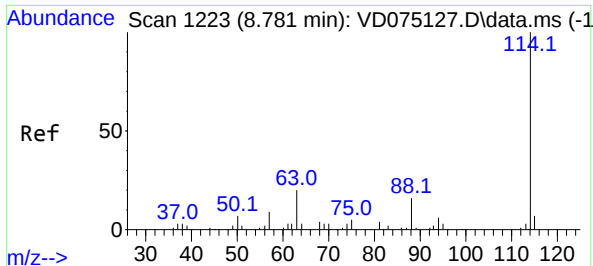
Tgt Ion: 56 Resp: 1290
Ion Ratio Lower Upper
56 100
69 111.7 26.6 40.0#
84 101.4 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 59.978 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion: 65 Resp: 32347
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.2

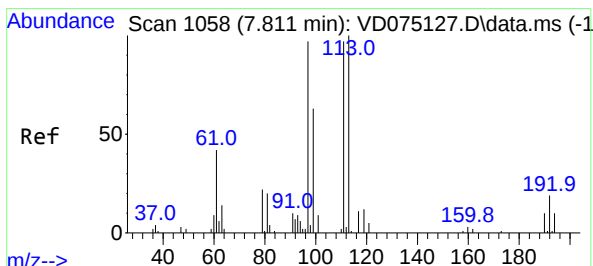
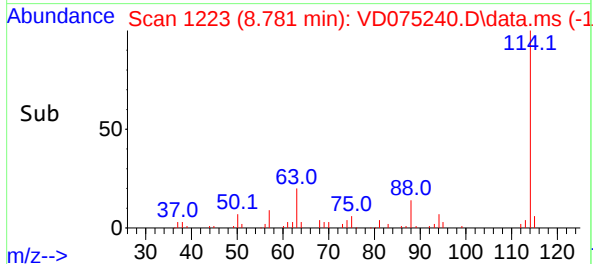
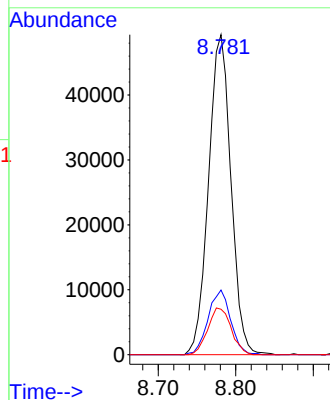
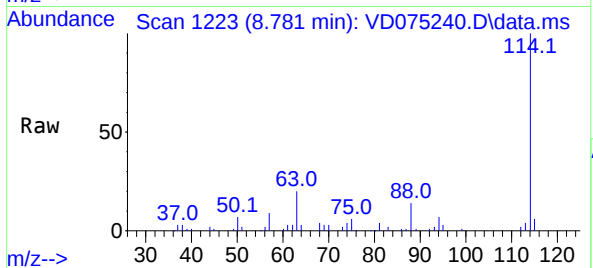




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

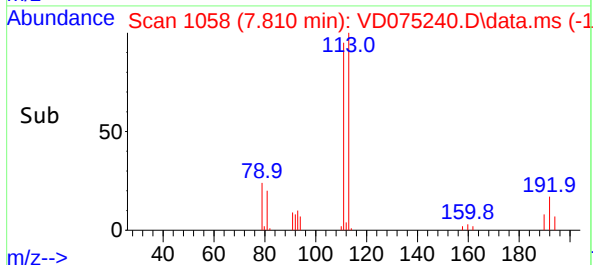
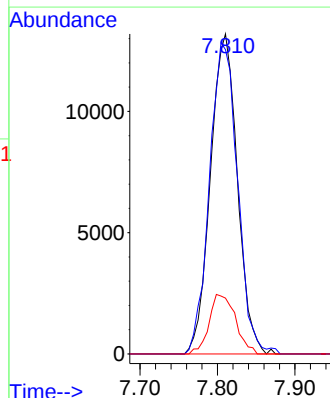
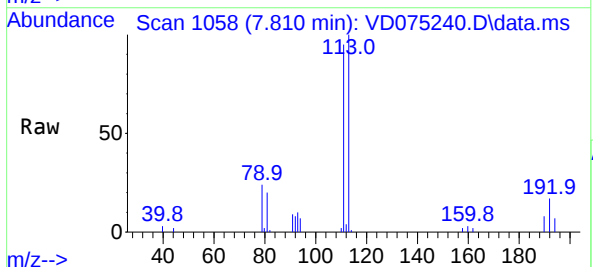
Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

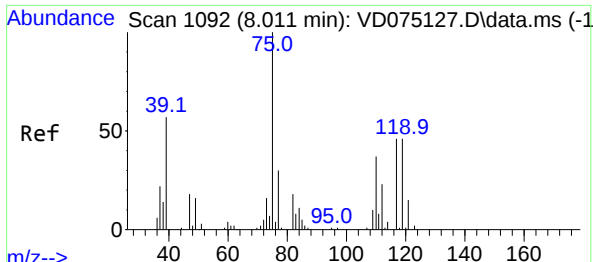
Tgt Ion:114 Resp: 98920
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.2
88 14.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 53.225 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion:113 Resp: 31815
Ion Ratio Lower Upper
113 100
111 101.5 80.1 120.1
192 18.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.698 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD075240.D

Acq: 30 Jan 2023 16:15

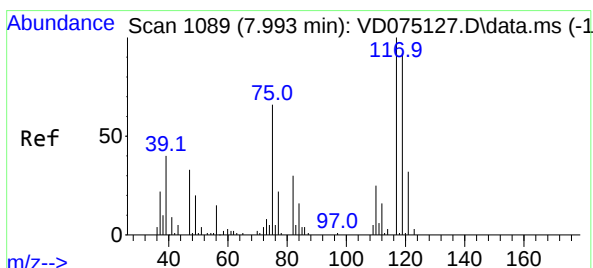
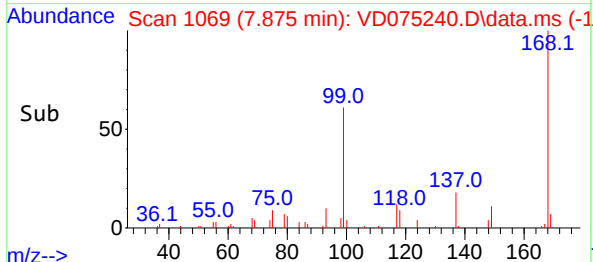
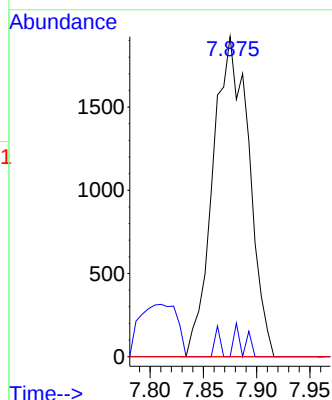
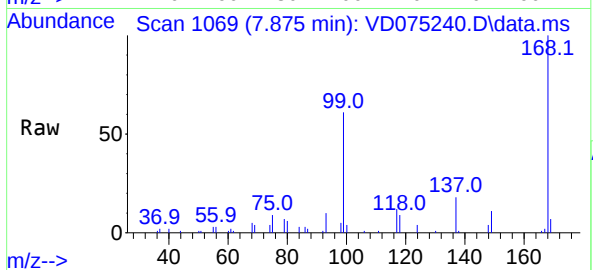
Instrument :

MSVOA_D

ClientSampleId :

S-H5(30.5-32)

Tgt Ion: 75	Resp: 4512
Ion Ratio	Lower Upper
75 100	
110 2.8	18.1 54.4#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.779 ug/l

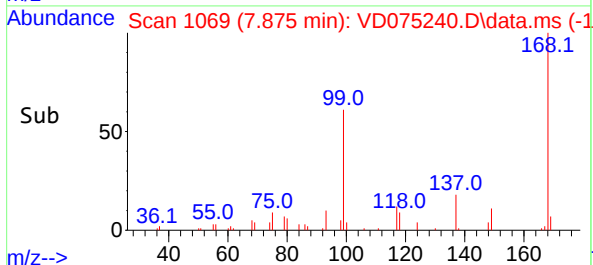
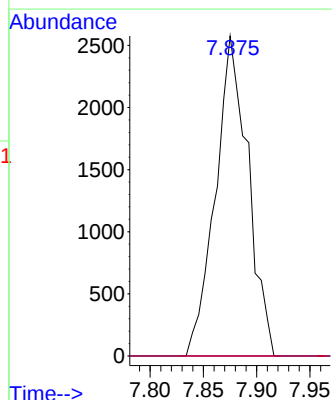
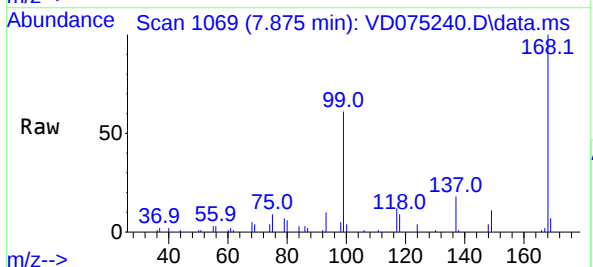
RT: 7.875 min Scan# 1069

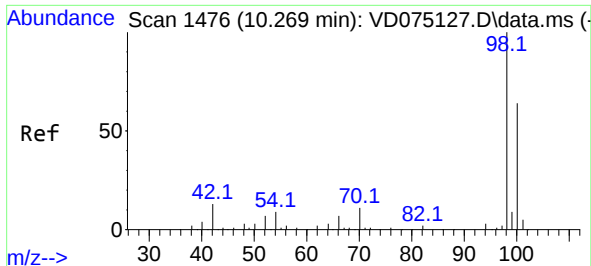
Delta R.T. -0.118 min

Lab File: VD075240.D

Acq: 30 Jan 2023 16:15

Tgt Ion: 117	Resp: 5482
Ion Ratio	Lower Upper
117 100	
119 0.0	73.6 110.4#
121 0.0	25.4 38.0#

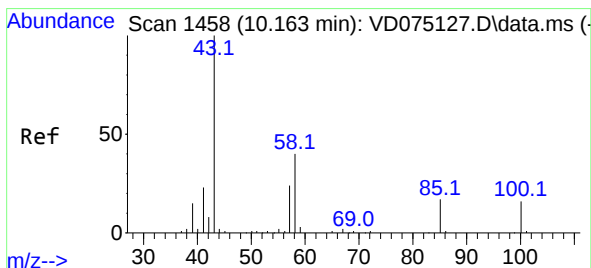
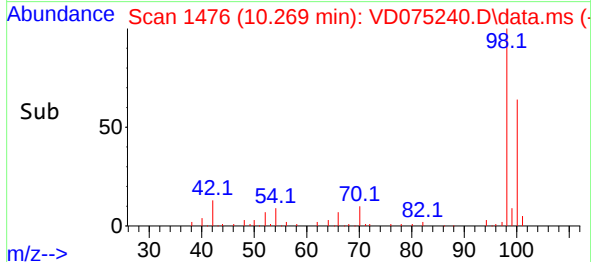
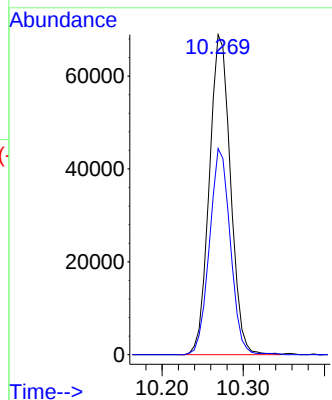
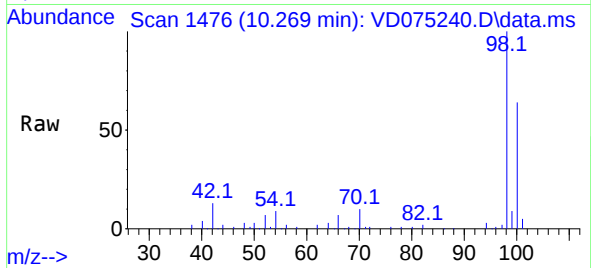




#50
Toluene-d8
Concen: 53.032 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

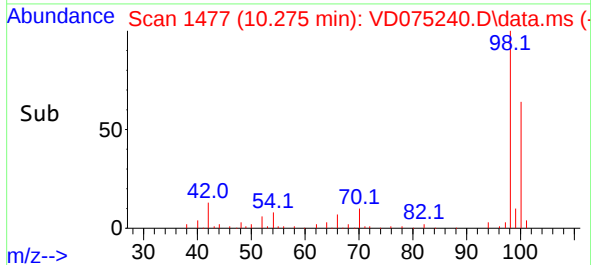
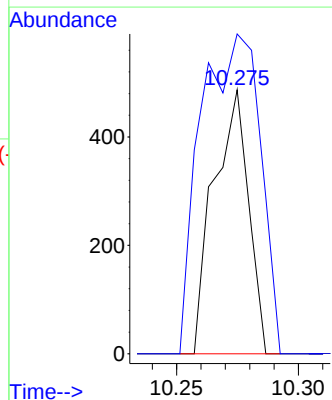
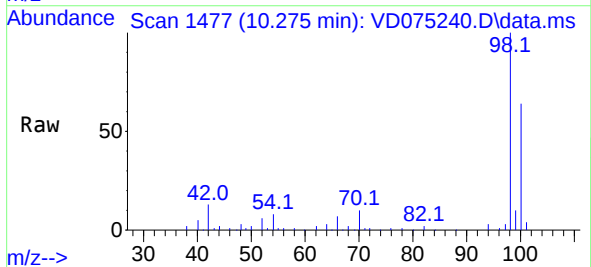
Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

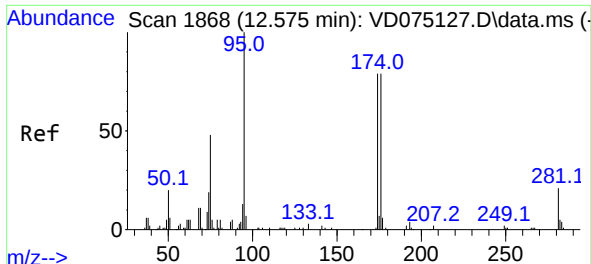
Tgt Ion: 98 Resp: 124814
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.336 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 207.0 31.4 47.0#

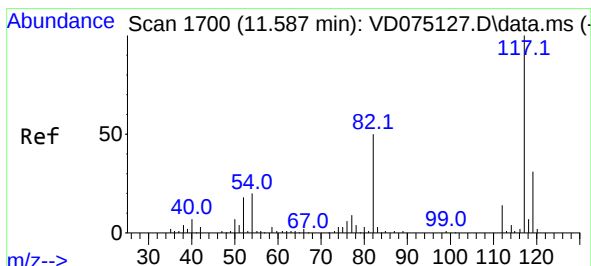
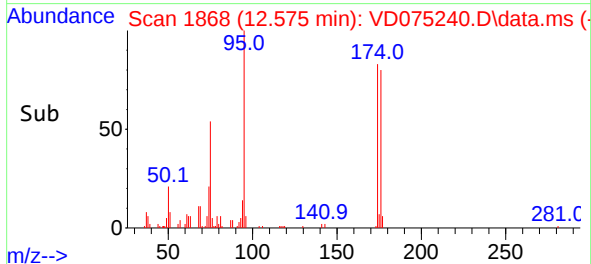
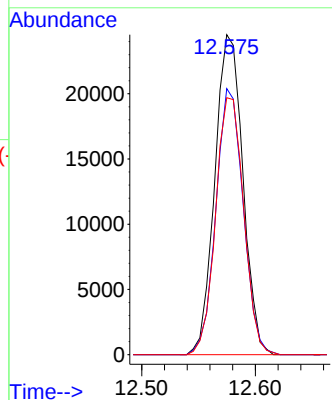
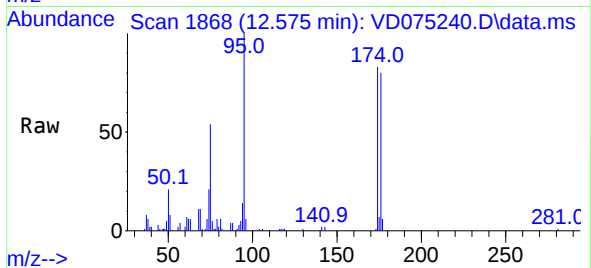




#62
4-Bromofluorobenzene
Concen: 56.255 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

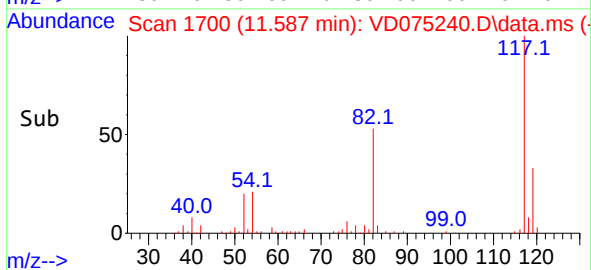
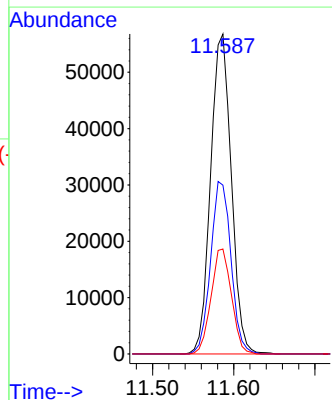
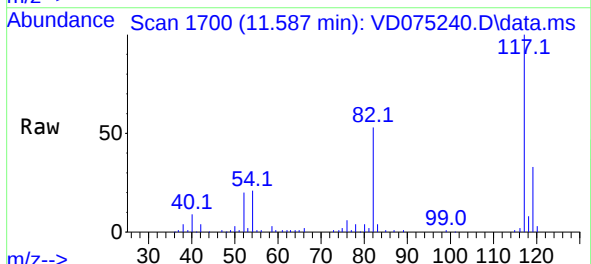
Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

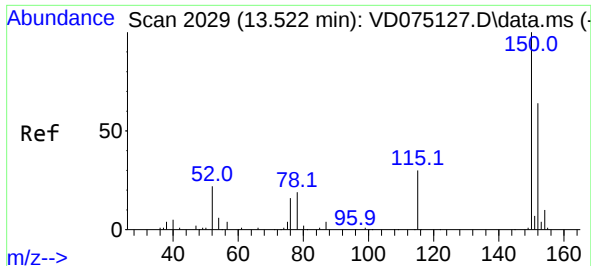
Tgt Ion:	95	Resp:	42019
Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	161.2
176	80.4	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion:	117	Resp:	100513
Ion	Ratio	Lower	Upper
117	100		
82	52.8	39.6	59.4
119	32.8	24.6	37.0

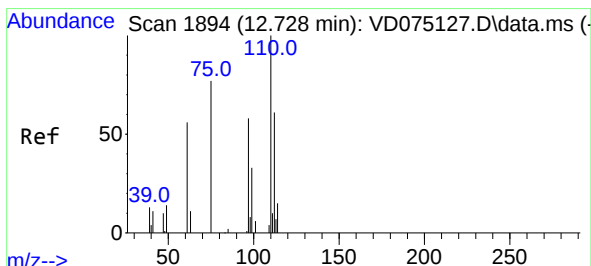
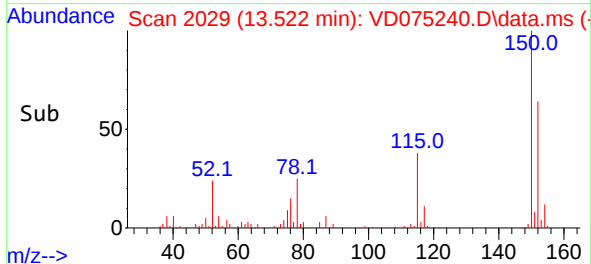
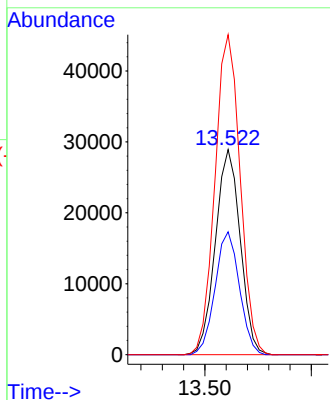
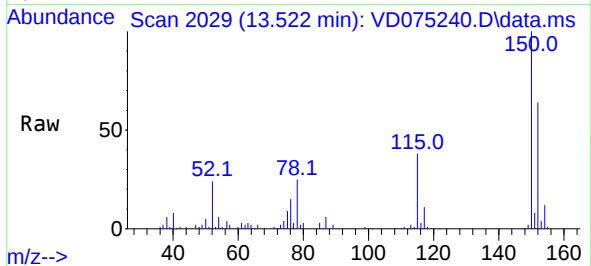




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

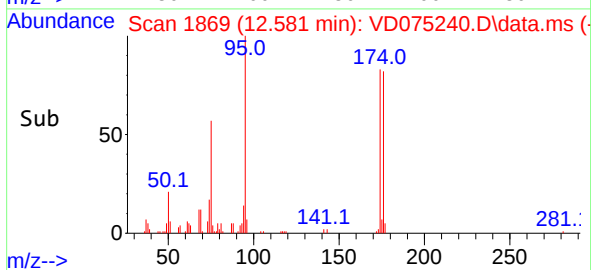
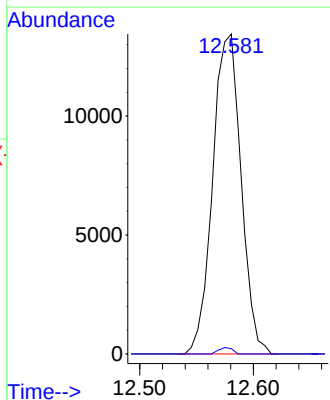
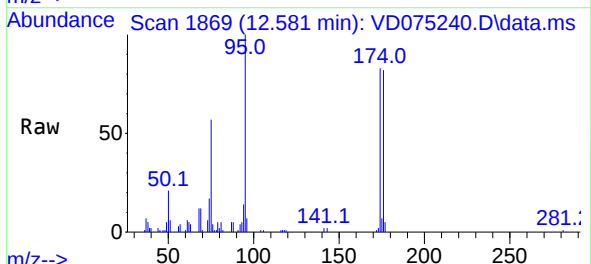
Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

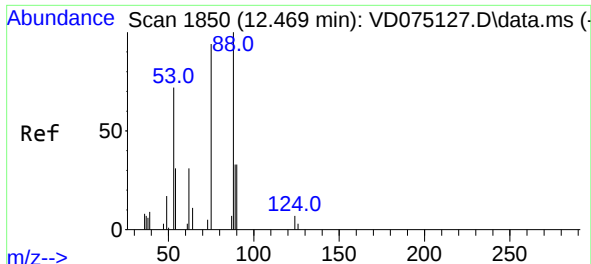
Tgt Ion:152 Resp: 46872
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.4
150 157.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 58.735 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion: 75 Resp: 23316
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

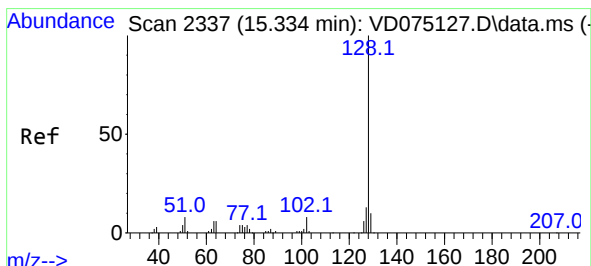
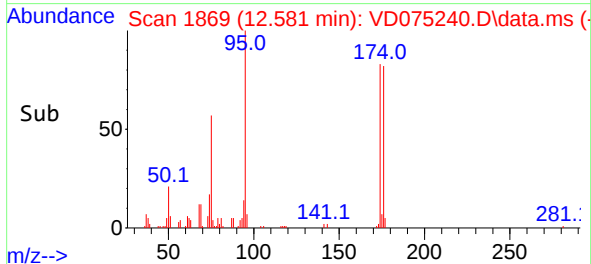
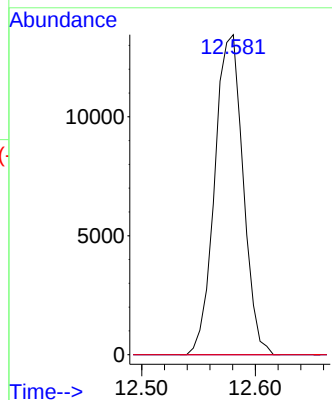
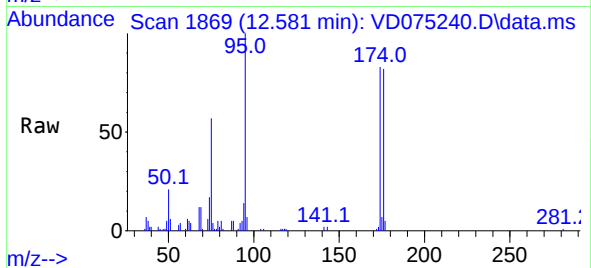




#81
trans-1,4-Dichloro-2-butene
Concen: 136.240 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.111 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

Tgt Ion: 75 Resp: 23316
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 43.056 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion:128 Resp: 78937
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.4 8.7 13.1

