

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075956.D
 Acq On : 02 May 2023 11:10
 Operator : KP/SY
 Sample : 02564-11
 Misc : 6.11G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH1

Quant Time: May 03 02:47:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

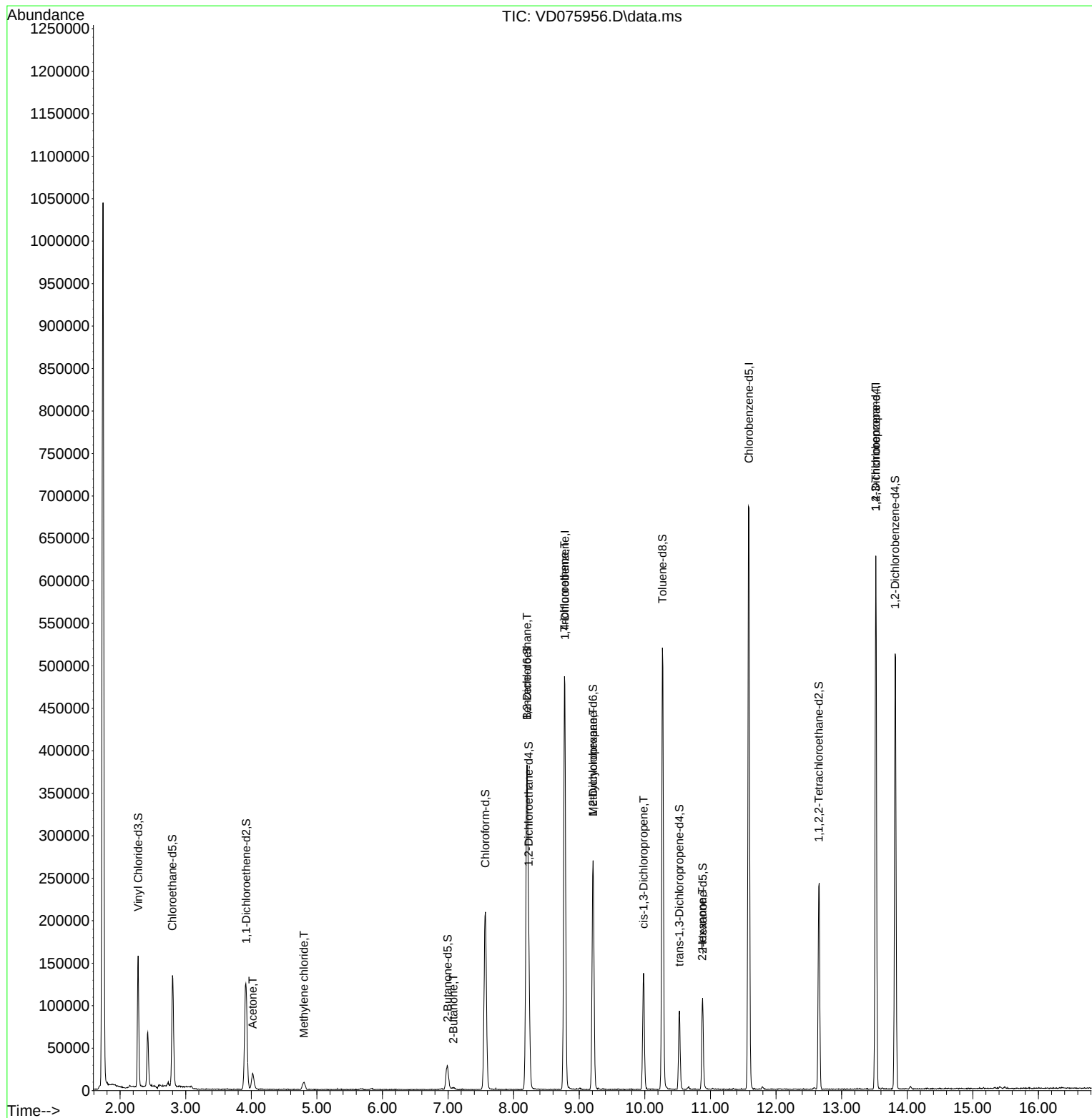
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	477525	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	451513	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	183961	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	147257	14.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.240%
7) Chloroethane-d5	2.799	69	146016	16.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.520%
11) 1,1-Dichloroethene-d2	3.922	65	36282	15.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.080%
21) 2-Butanone-d5	6.993	46	48598	53.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.880%
24) Chloroform-d	7.569	84	233459	19.551	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	8.228	65	106670	20.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.680%
32) Benzene-d6	8.204	84	433703	16.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.920%
36) 1,2-Dichloropropane-d6	9.210	67	143571	19.710	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.840%
41) Toluene-d8	10.269	98	386203	15.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.720%
43) trans-1,3-Dichloroprop...	10.528	79	55370	18.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.560%
47) 2-Hexanone-d5	10.881	63	39737	45.308	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.620%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	131568	23.604	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	153096	23.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.120%
Target Compounds						Qvalue
13) Acetone	4.022	43	30406	39.070	ug/L	74
16) Methylene chloride	4.805	84	7587	0.783	ug/L	90
22) 2-Butanone	7.081	43	825	0.813	ug/L #	1
27) 1,2-Dichloroethane	8.204	62	1748	0.293	ug/L #	68
34) Trichloroethene	8.775	95	12307	1.742	ug/L #	2
35) Methylcyclohexane	9.210	83	35878	3.295	ug/L #	24
39) cis-1,3-Dichloropropene	9.981	75	3448	0.346	ug/L #	54
48) 2-Hexanone	10.875	43	4372	2.711	ug/L #	53
61) 1,2,3-Trichloropropane	13.522	75	19405	6.715	ug/L #	63

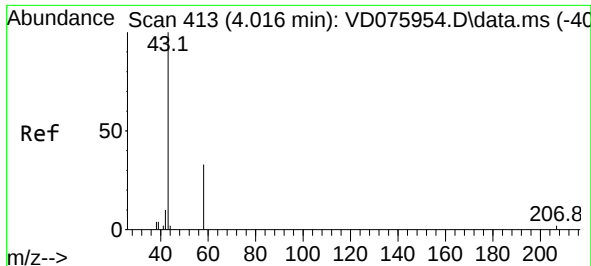
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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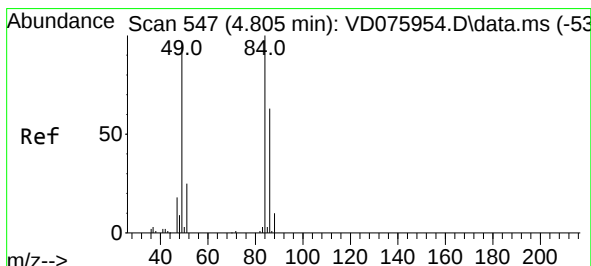
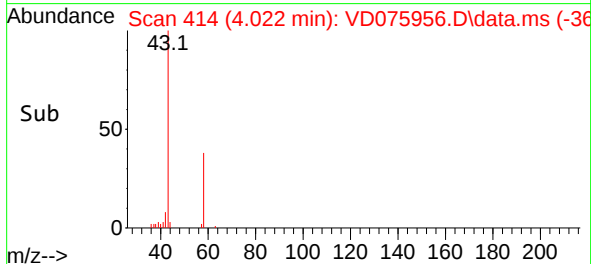
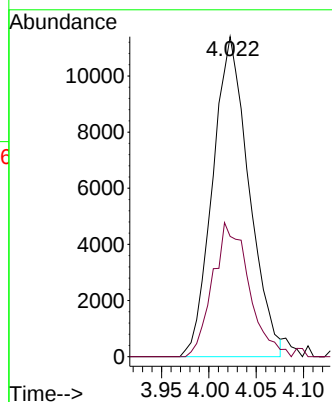
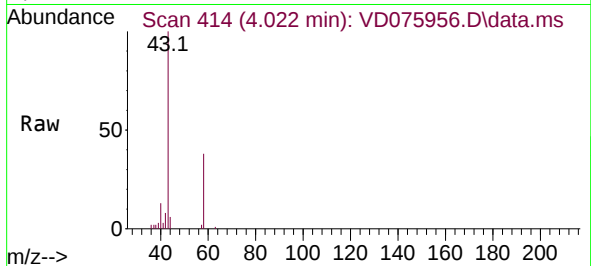




#13
Acetone
Concen: 39.070 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075956.D
Acq: 02 May 2023 11:10

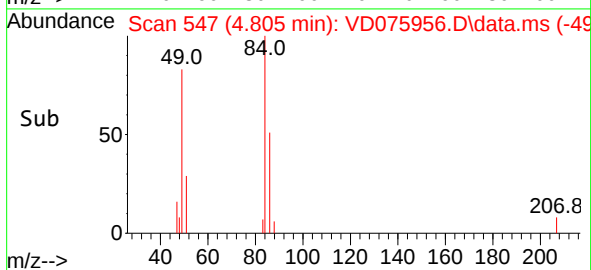
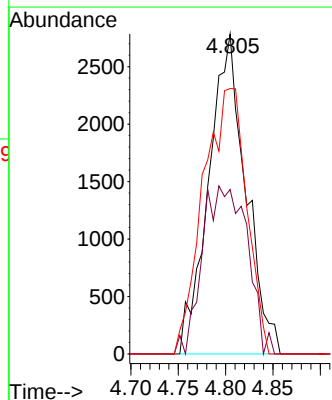
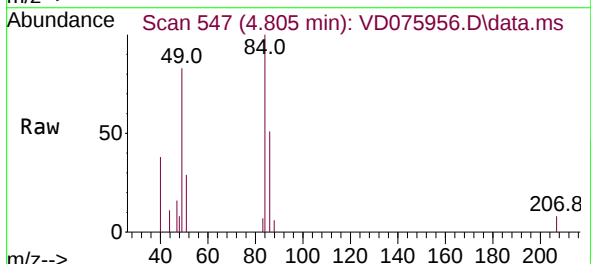
Instrument :
MSVOA_D
ClientSampleId :
DCCH1

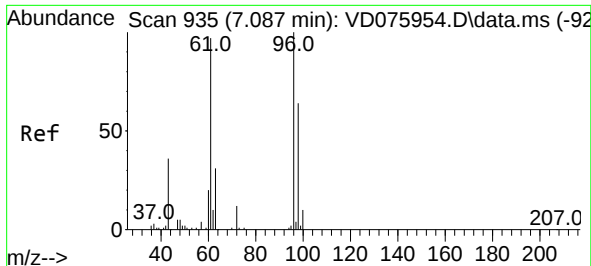
Tgt Ion: 43 Resp: 30406
Ion Ratio Lower Upper
43 100
58 26.8 0.0 87.4



#16
Methylene chloride
Concen: 0.783 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075956.D
Acq: 02 May 2023 11:10

Tgt Ion: 84 Resp: 7587
Ion Ratio Lower Upper
84 100
86 51.4 45.8 85.2
49 82.9 60.8 112.8

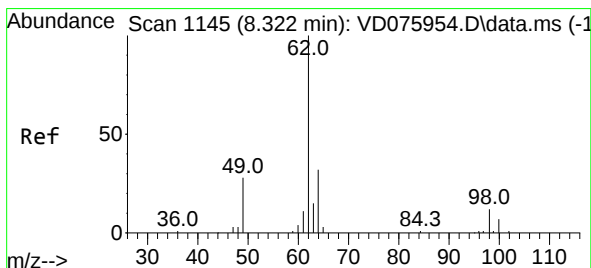
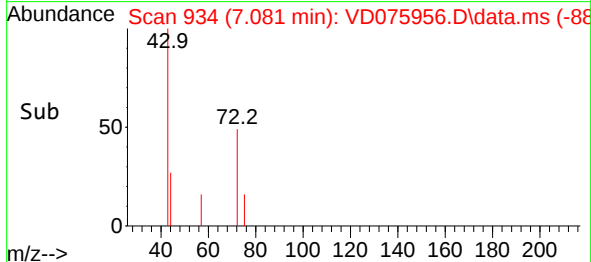
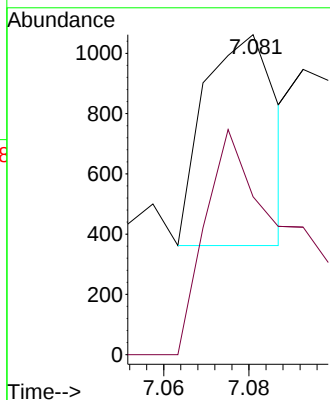
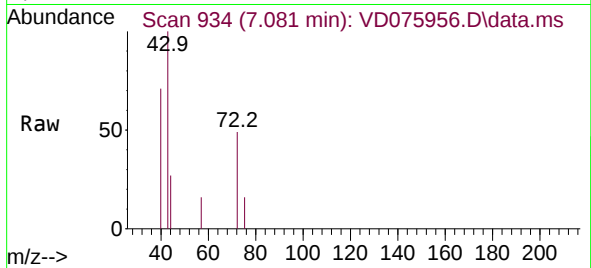




#22
2-Butanone
Concen: 0.813 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075956.D
Acq: 02 May 2023 11:10

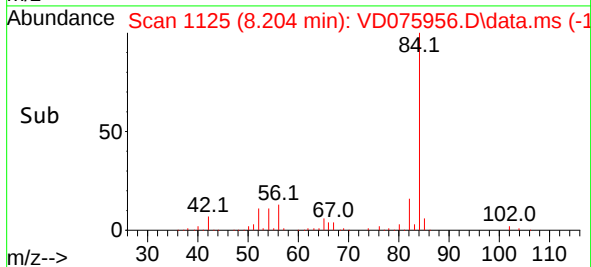
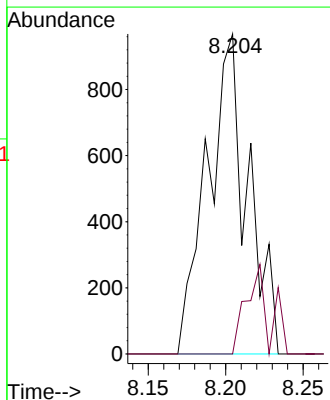
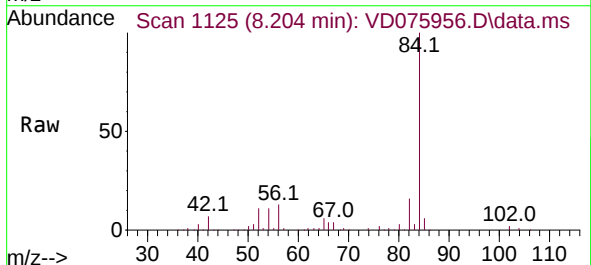
Instrument :
MSVOA_D
ClientSampleId :
DCCH1

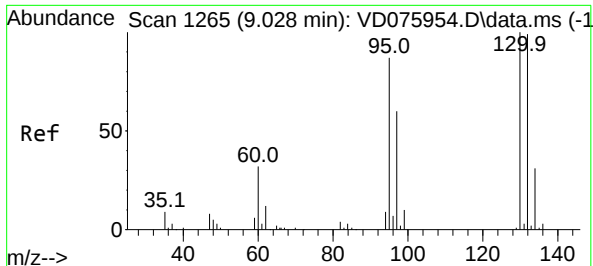
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
72 131.6 20.5 61.5#



#27
1,2-Dichloroethane
Concen: 0.293 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.118 min
Lab File: VD075956.D
Acq: 02 May 2023 11:10

Tgt Ion: 62 Resp: 1748
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



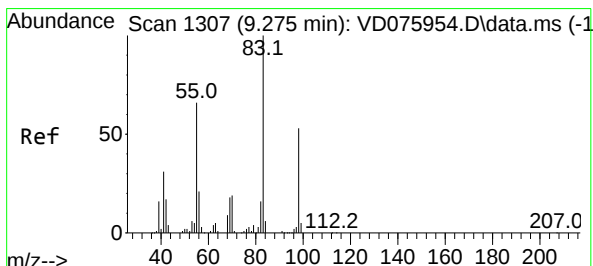
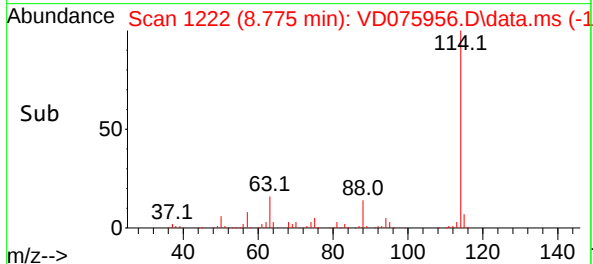
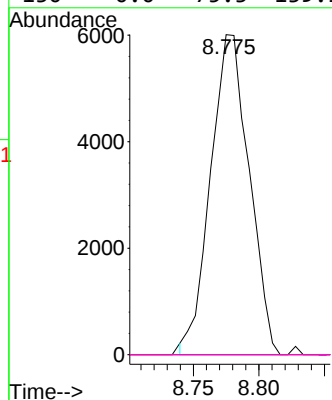
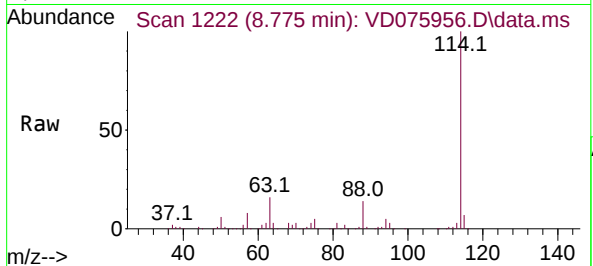


#34
 Trichloroethene
 Concen: 1.742 ug/L
 RT: 8.775 min Scan# 1296
 Delta R.T. -0.253 min
 Lab File: VD075956.D
 Acq: 02 May 2023 11:10

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH1

Tgt Ion: 95 Resp: 12307

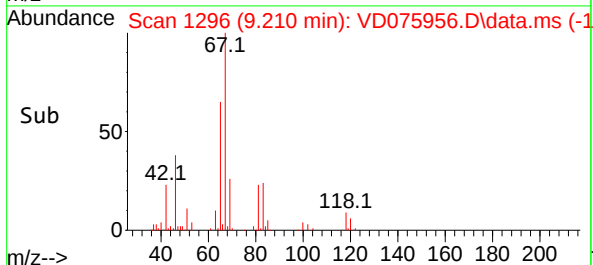
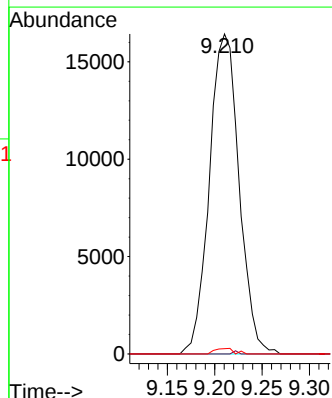
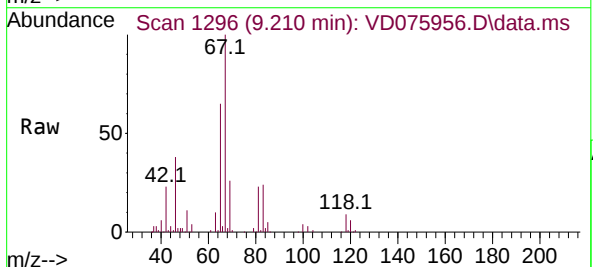
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

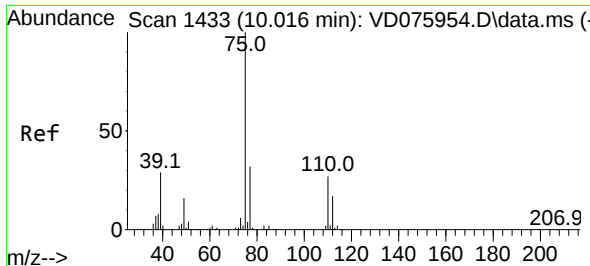


#35
 Methylcyclohexane
 Concen: 3.295 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.065 min
 Lab File: VD075956.D
 Acq: 02 May 2023 11:10

Tgt Ion: 83 Resp: 35878

Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	1.0	40.8	61.2#





#39

cis-1,3-Dichloropropene

Concen: 0.346 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD075956.D

Acq: 02 May 2023 11:10

Instrument :

MSVOA_D

ClientSampleId :

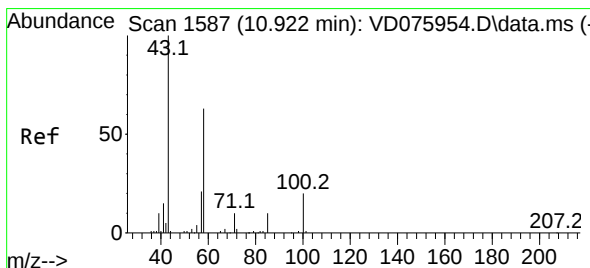
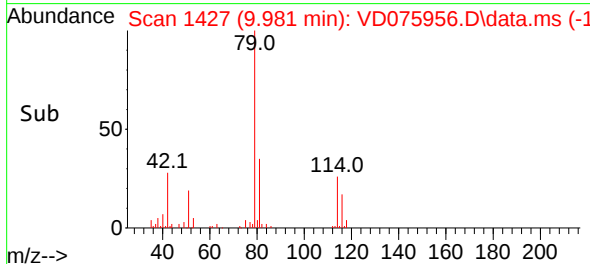
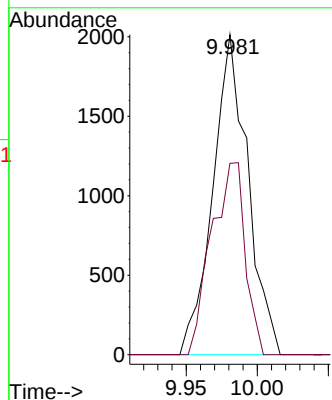
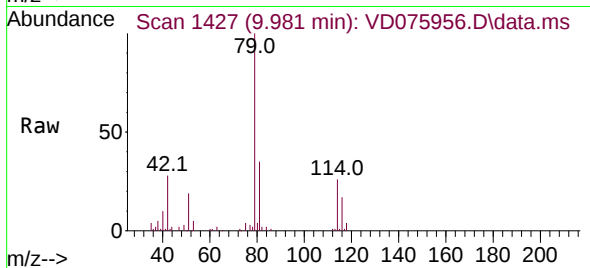
DCCH1

Tgt Ion: 75 Resp: 3448

Ion Ratio Lower Upper

75 100

77 59.8 23.4 43.6#



#48

2-Hexanone

Concen: 2.711 ug/L

RT: 10.875 min Scan# 1579

Delta R.T. -0.047 min

Lab File: VD075956.D

Acq: 02 May 2023 11:10

Tgt Ion: 43 Resp: 4372

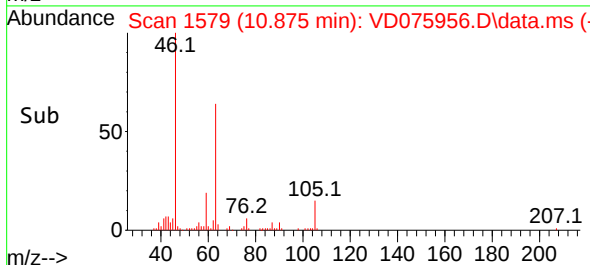
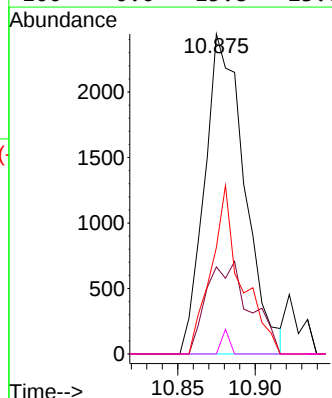
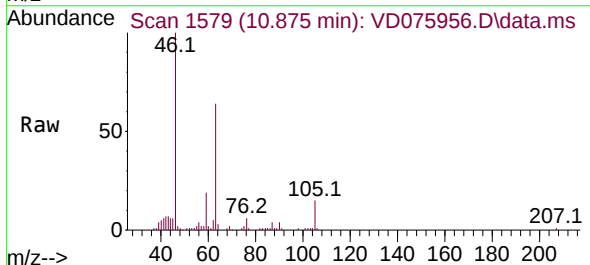
Ion Ratio Lower Upper

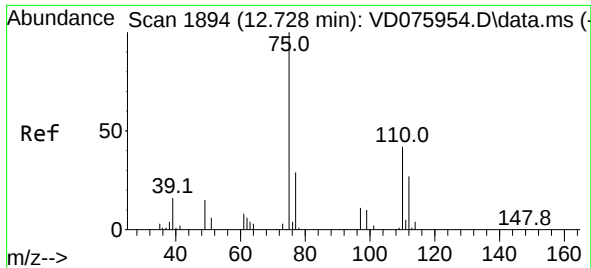
43 100

58 26.9 59.7 89.5#

57 32.3 17.9 26.9#

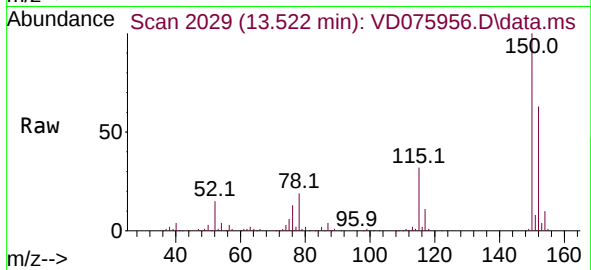
100 0.0 15.8 23.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.715 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD075956.D
 Acq: 02 May 2023 11:10

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 MSVOA_D
 ClientSampleId :
 DCCH1



Tgt Ion: 75	Resp:	19405
Ion	Ratio	Lower Upper
75	100	
77	31.1	26.6 39.8
110	1.9	33.5 50.3#

