

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075957.D
 Acq On : 02 May 2023 11:39
 Operator : KP/SY
 Sample : 02564-12
 Misc : 5.96G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH2

Quant Time: May 03 02:47:44 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)

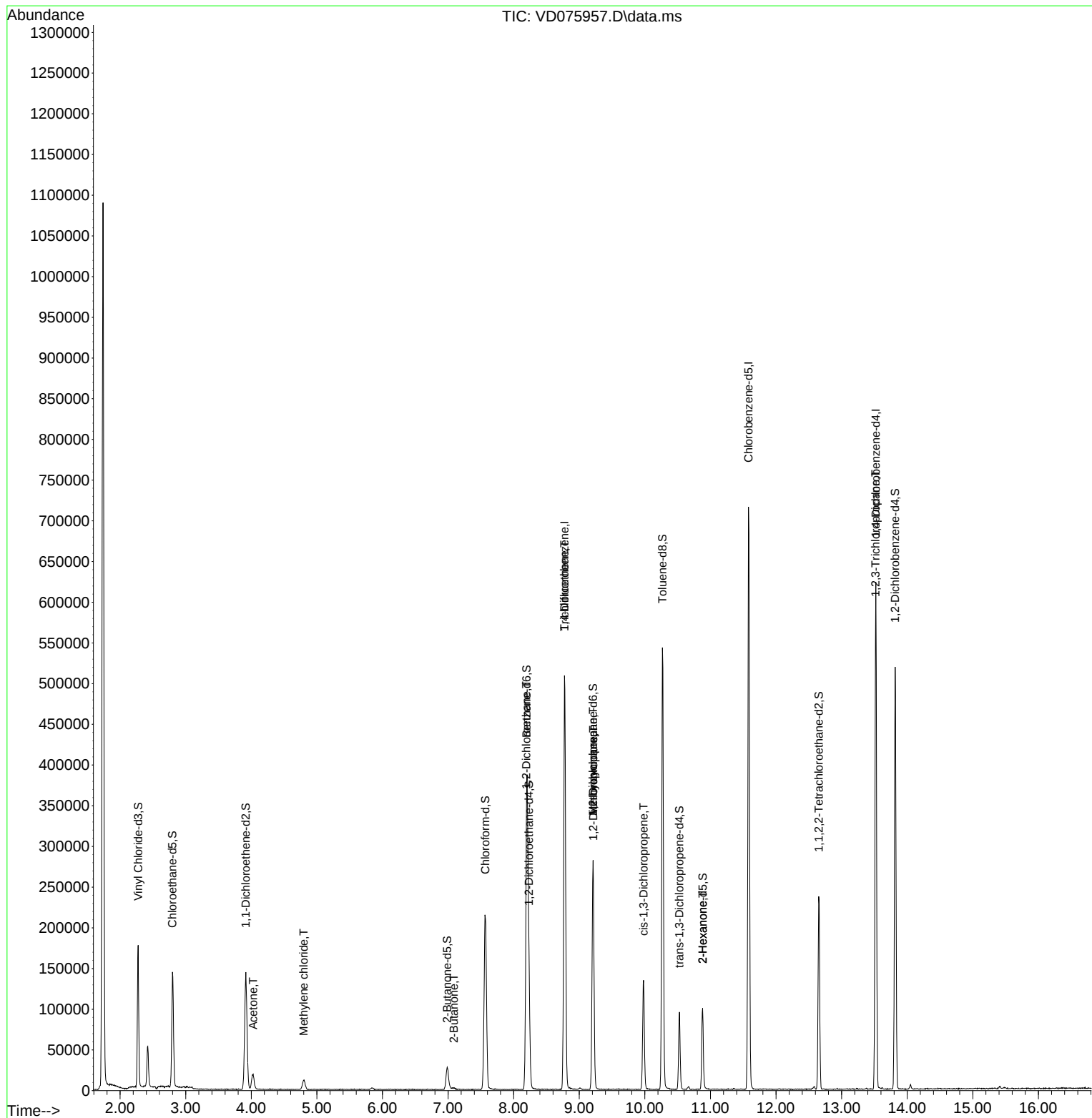
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	493666	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	455294	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.521	152	185835	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	160048	14.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.120%
7) Chloroethane-d5	2.799	69	154384	16.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	3.916	65	36734	14.713	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.840%
21) 2-Butanone-d5	6.987	46	46016	48.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.880%
24) Chloroform-d	7.569	84	239338	19.388	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.560%
26) 1,2-Dichloroethane-d4	8.234	65	105542	20.020	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	8.198	84	446935	16.842	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.360%
36) 1,2-Dichloropropane-d6	9.210	67	147564	20.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.360%
41) Toluene-d8	10.269	98	402072	16.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.720%
43) trans-1,3-Dichloroprop...	10.528	79	53544	17.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.560%
47) 2-Hexanone-d5	10.880	63	37311	42.188	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.380%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	126561	22.517	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	153435	23.342	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.360%
Target Compounds					Qvalue	
13) Acetone	4.028	43	31218	38.801	ug/L	98
16) Methylene chloride	4.798	84	10104	1.009	ug/L	98
22) 2-Butanone	7.087	43	2807	2.676	ug/L #	59
27) 1,2-Dichloroethane	8.192	62	2105	0.341	ug/L #	68
34) Trichloroethene	8.775	95	12367	1.736	ug/L #	2
35) Methylcyclohexane	9.210	83	34811	3.170	ug/L #	24
37) 1,2-Dichloropropane	9.216	63	14211	2.246	ug/L #	85
39) cis-1,3-Dichloropropene	9.980	75	3696	0.367	ug/L	94
48) 2-Hexanone	10.880	43	3704	2.278	ug/L #	59
61) 1,2,3-Trichloropropane	13.516	75	19593	6.712	ug/L #	62

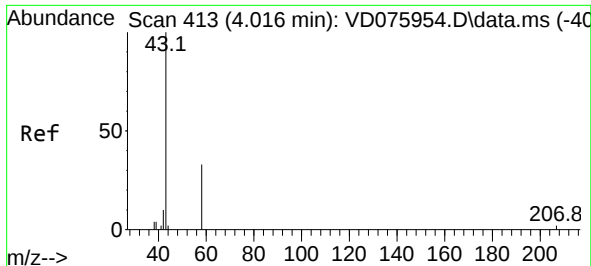
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 03 02:37:35 2023
Response via : Initial Calibration





#13

Acetone

Concen: 38.801 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.011 min

Lab File: VD075957.D

Acq: 02 May 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

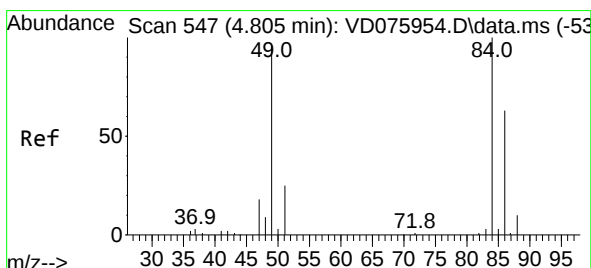
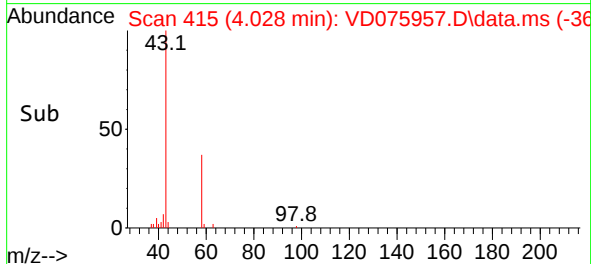
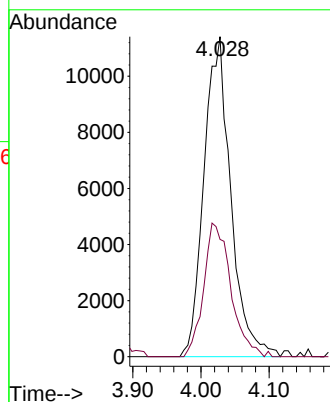
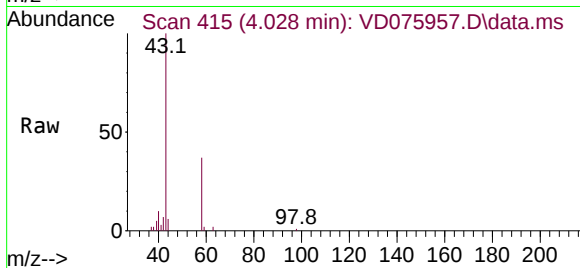
DCCH2

Tgt Ion: 43 Resp: 31218

Ion Ratio Lower Upper

43 100

58 42.2 0.0 87.4



#16

Methylene chloride

Concen: 1.009 ug/L

RT: 4.798 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075957.D

Acq: 02 May 2023 11:39

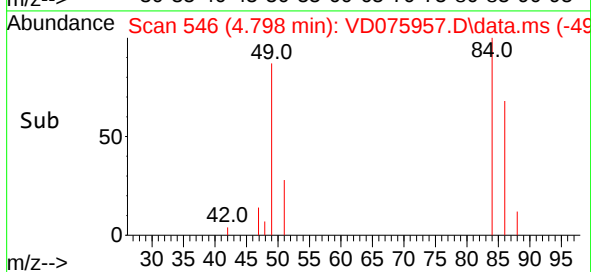
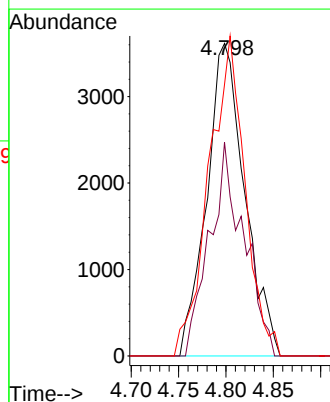
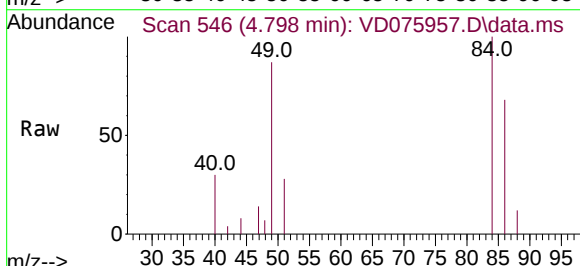
Tgt Ion: 84 Resp: 10104

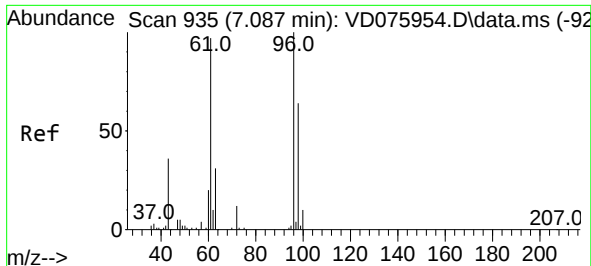
Ion Ratio Lower Upper

84 100

86 68.4 45.8 85.2

49 86.9 60.8 112.8

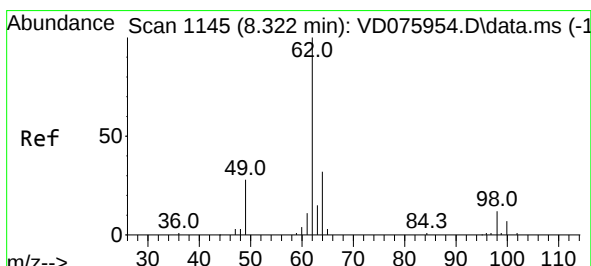
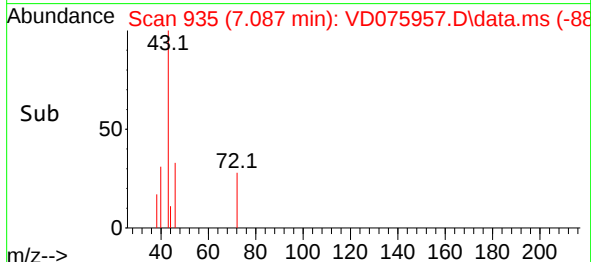
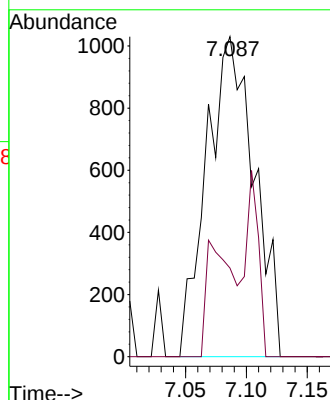
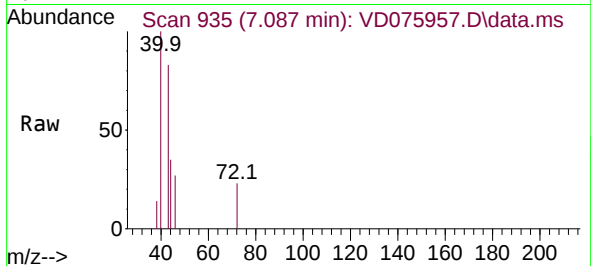




#22
2-Butanone
Concen: 2.676 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075957.D
Acq: 02 May 2023 11:39

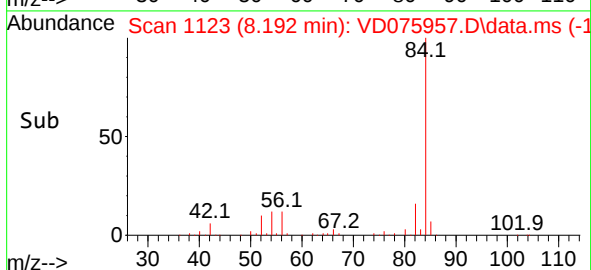
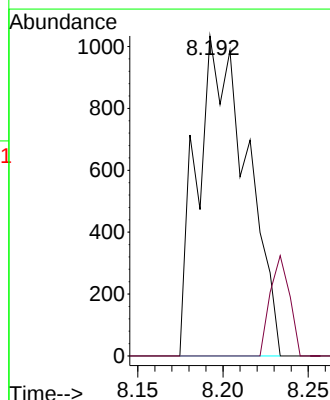
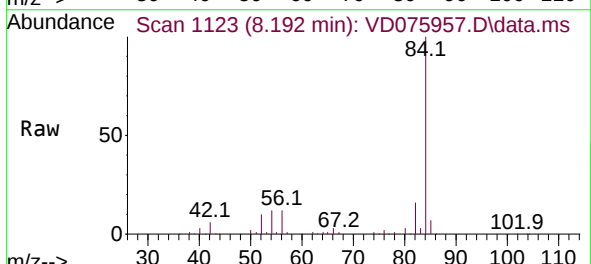
Instrument :
MSVOA_D
ClientSampleId :
DCCH2

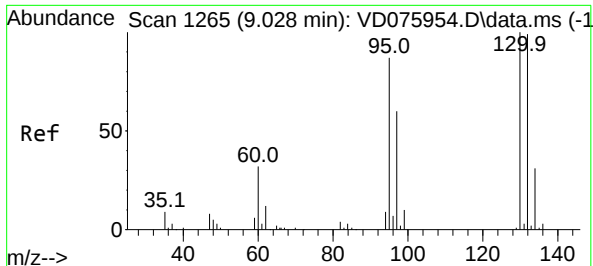
Tgt Ion: 43 Resp: 2807
Ion Ratio Lower Upper
43 100
72 15.6 20.5 61.5#



#27
1,2-Dichloroethane
Concen: 0.341 ug/L
RT: 8.192 min Scan# 1123
Delta R.T. -0.130 min
Lab File: VD075957.D
Acq: 02 May 2023 11:39

Tgt Ion: 62 Resp: 2105
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



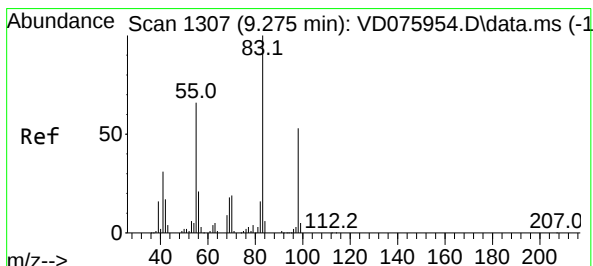
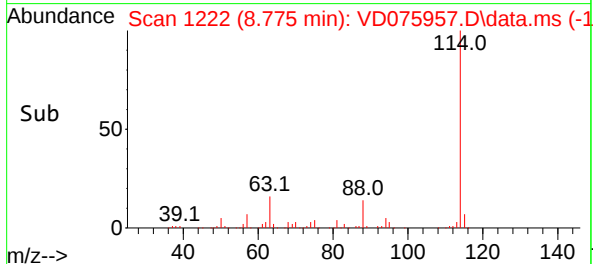
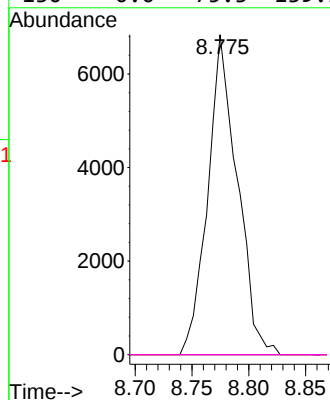
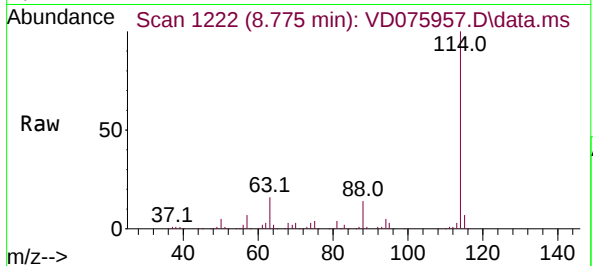


#34
 Trichloroethene
 Concen: 1.736 ug/L
 RT: 8.775 min Scan# 1265
 Delta R.T. -0.253 min
 Lab File: VD075957.D
 Acq: 02 May 2023 11:39

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH2

Tgt Ion: 95 Resp: 12367

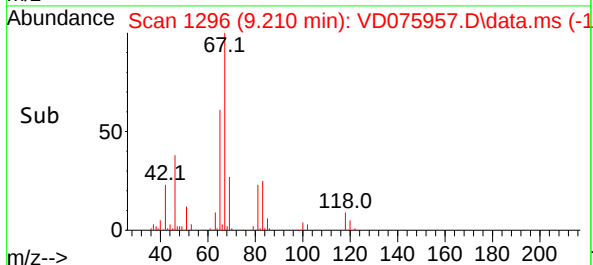
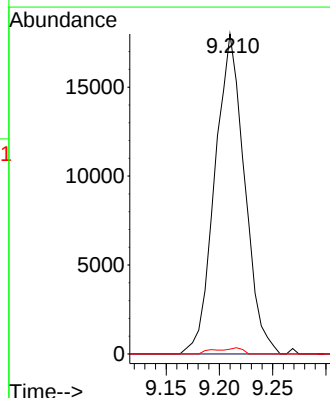
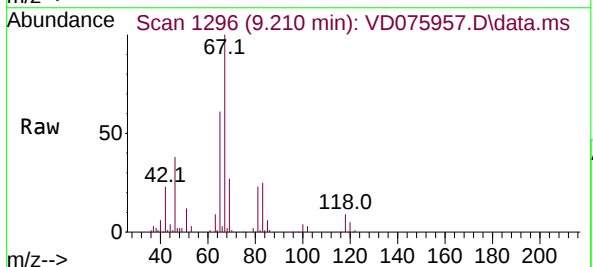
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

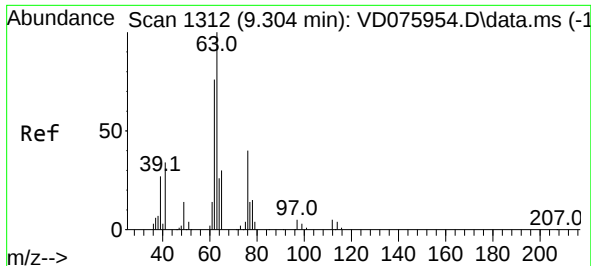


#35
 Methylcyclohexane
 Concen: 3.170 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.065 min
 Lab File: VD075957.D
 Acq: 02 May 2023 11:39

Tgt Ion: 83 Resp: 34811

Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.9	40.8	61.2#

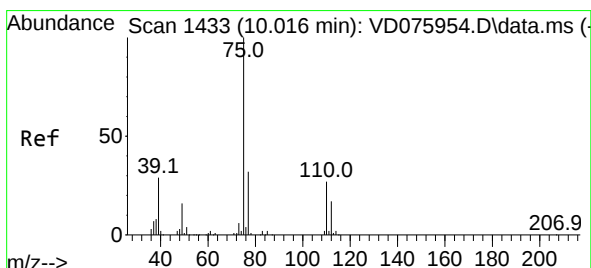
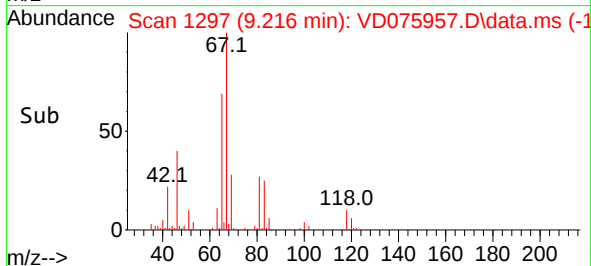
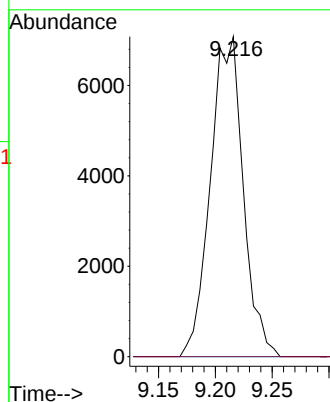
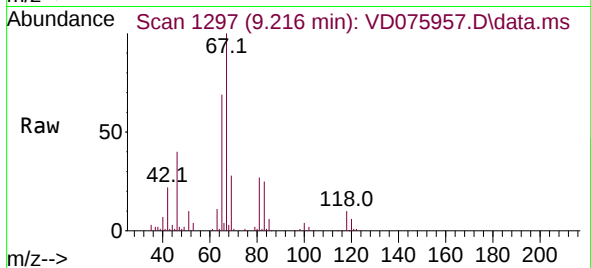




#37
1,2-Dichloropropane
Concen: 2.246 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.089 min
Lab File: VD075957.D
Acq: 02 May 2023 11:39

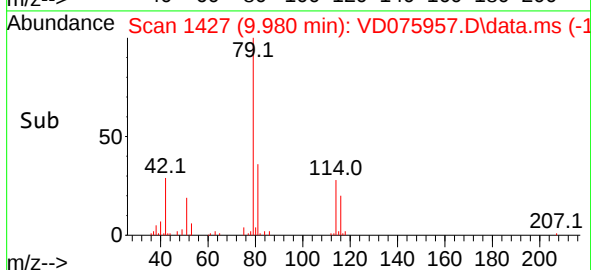
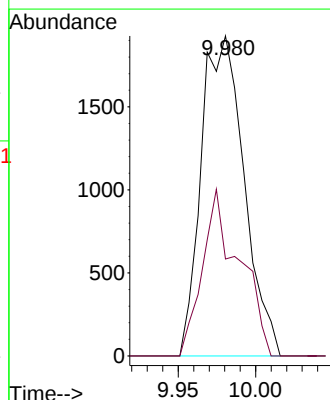
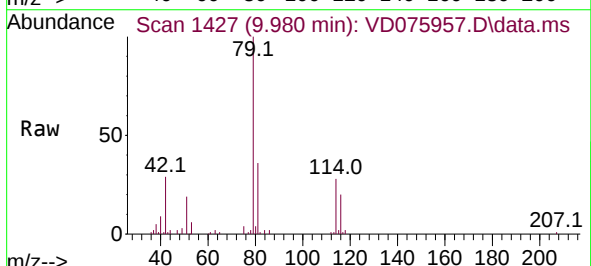
Instrument :
MSVOA_D
ClientSampleId :
DCCH2

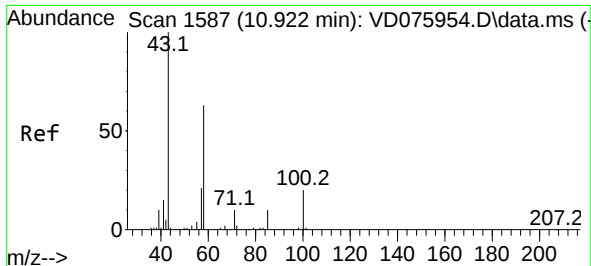
Tgt Ion: 63 Resp: 14211
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.367 ug/L
RT: 9.980 min Scan# 1427
Delta R.T. -0.036 min
Lab File: VD075957.D
Acq: 02 May 2023 11:39

Tgt Ion: 75 Resp: 3696
Ion Ratio Lower Upper
75 100
77 30.3 23.4 43.6

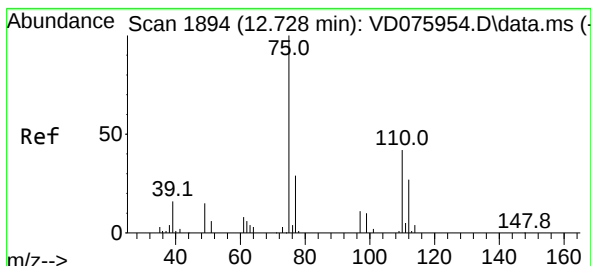
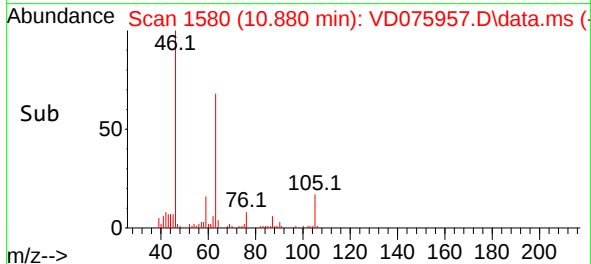
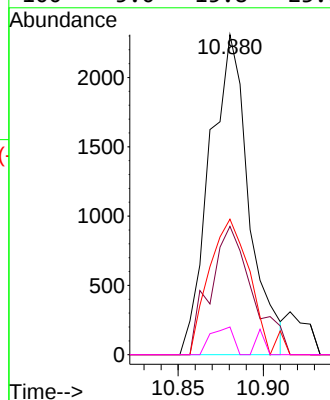
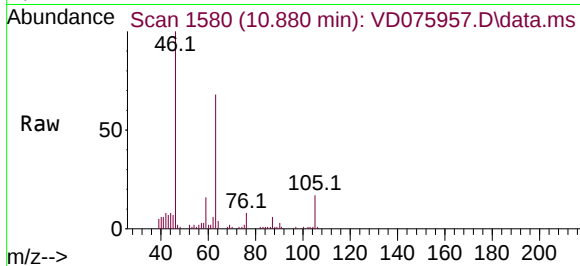




#48
2-Hexanone
Concen: 2.278 ug/L
RT: 10.880 min Scan# 11
Delta R.T. -0.042 min
Lab File: VD075957.D
Acq: 02 May 2023 11:39

Instrument :
MSVOA_D
ClientSampleId :
DCCH2

Tgt Ion: 43	Resp:	3704
Ion	Ratio	Lower Upper
43	100	
58	38.5	59.7 89.5#
57	42.8	17.9 26.9#
100	5.0	15.8 23.6#



#61
1,2,3-Trichloropropane
Concen: 6.712 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD075957.D
Acq: 02 May 2023 11:39

Tgt Ion: 75	Resp:	19593
Ion	Ratio	Lower Upper
75	100	
77	29.8	26.6 39.8
110	1.7	33.5 50.3#

