

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075961.D
 Acq On : 02 May 2023 13:36
 Operator : KP/SY
 Sample : 02564-15
 Misc : 4.89G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH5

Quant Time: May 03 02:48:43 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)

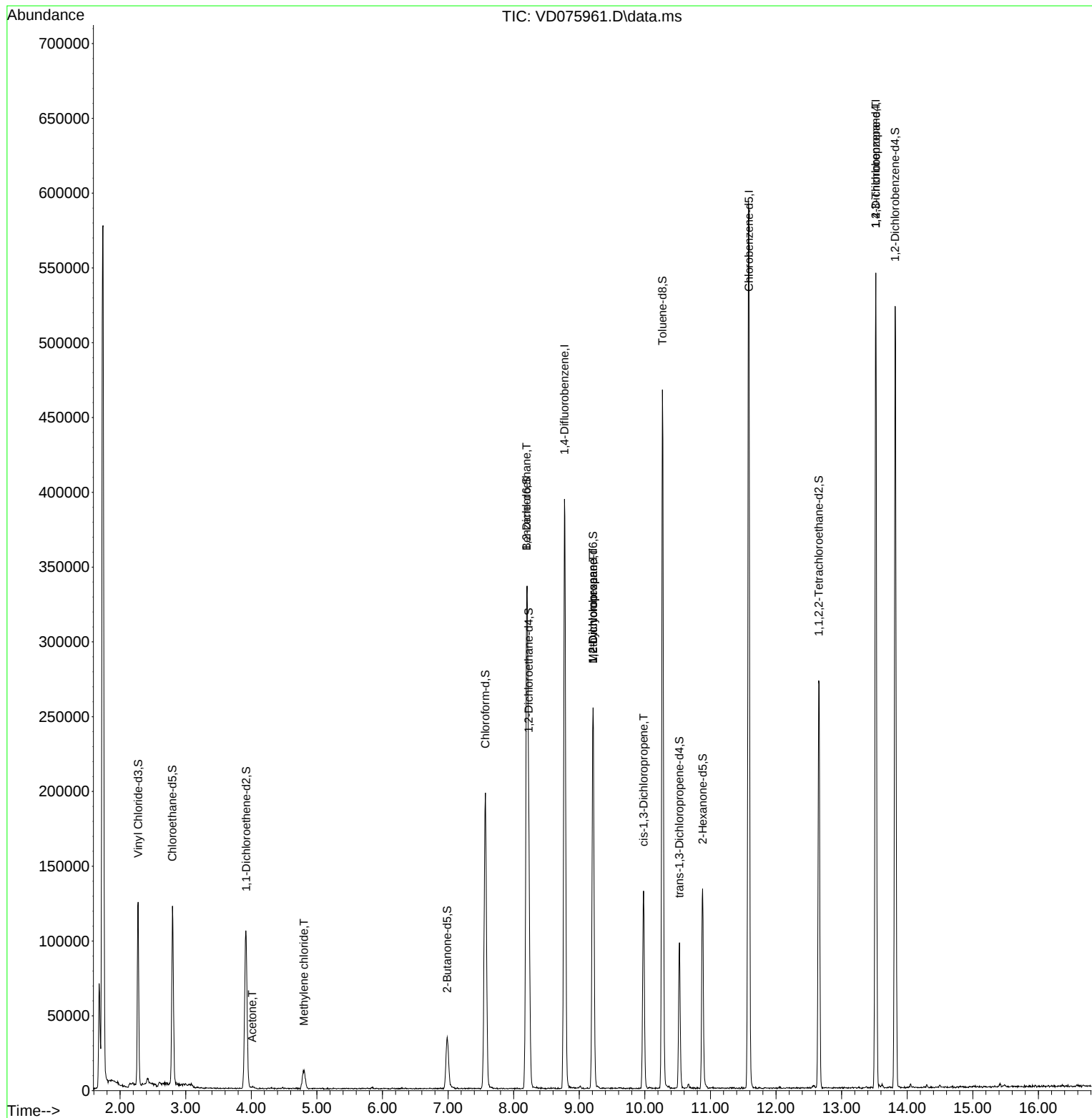
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	385862	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	391430	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	164709	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	119613	14.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.520%
7) Chloroethane-d5	2.799	69	125399	17.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	3.922	65	31051	15.911	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.640%
21) 2-Butanone-d5	6.987	46	59502	80.971	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.940%#
24) Chloroform-d	7.569	84	214719	22.253	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	8.228	65	109274	26.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.080%
32) Benzene-d6	8.199	84	388450	17.027	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.120%
36) 1,2-Dichloropropane-d6	9.210	67	139975	22.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.680%
41) Toluene-d8	10.269	98	344706	16.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.560%
43) trans-1,3-Dichloroprop...	10.528	79	58138	22.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.080%
47) 2-Hexanone-d5	10.881	63	50402	66.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.580%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	150003	31.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.160%#
66) 1,2-Dichlorobenzene-d4	13.816	152	155165	26.633	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.520%
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	1060	1.686	ug/L	88
16) Methylene chloride	4.805	84	11568	1.478	ug/L	91
27) 1,2-Dichloroethane	8.199	62	2063	0.428	ug/L #	68
35) Methylcyclohexane	9.210	83	33266	3.524	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	14861	2.732	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3242	0.375	ug/L #	25
61) 1,2,3-Trichloropropane	13.522	75	16532	6.389	ug/L #	63

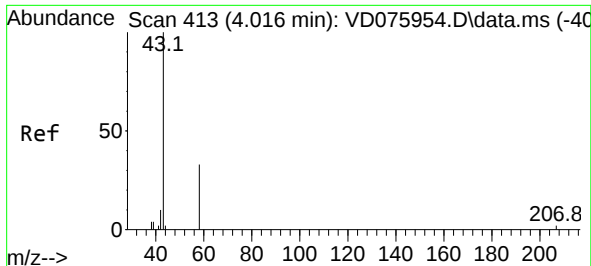
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 03 02:37:35 2023
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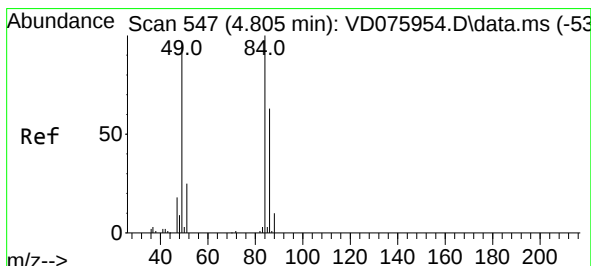
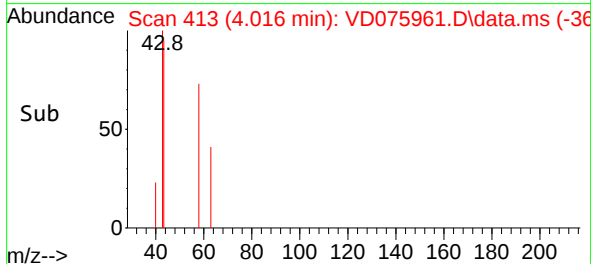
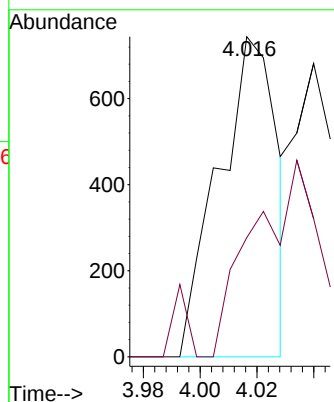
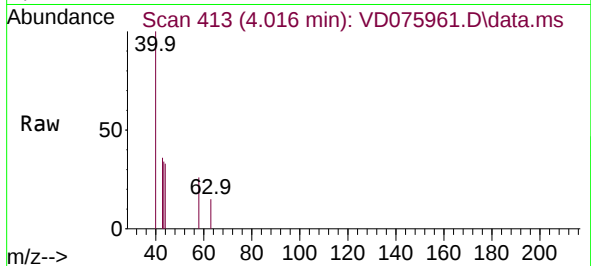




#13
Acetone
Concen: 1.686 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD075961.D
Acq: 02 May 2023 13:36

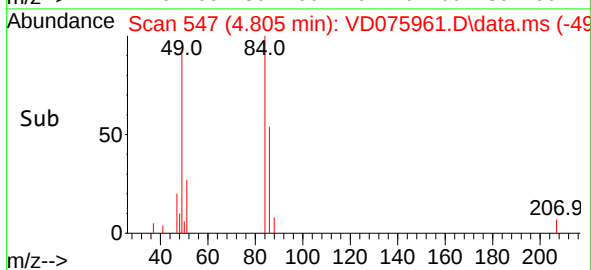
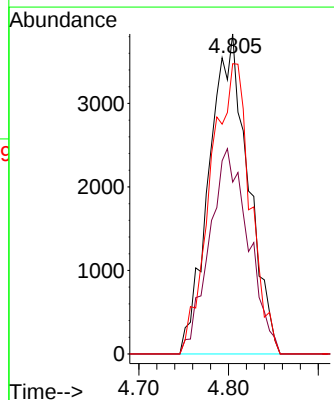
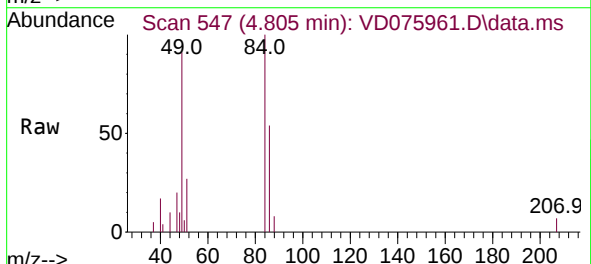
Instrument :
MSVOA_D
ClientSampleId :
DCCH5

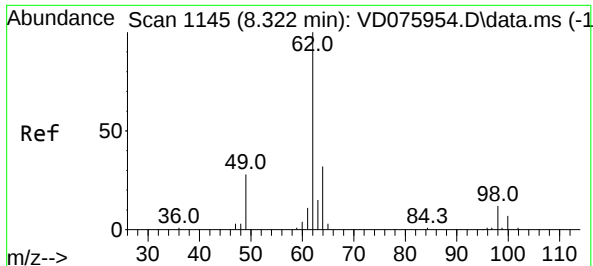
Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 35.8 0.0 87.4



#16
Methylene chloride
Concen: 1.478 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075961.D
Acq: 02 May 2023 13:36

Tgt Ion: 84 Resp: 11568
Ion Ratio Lower Upper
84 100
86 53.7 45.8 85.2
49 90.7 60.8 112.8

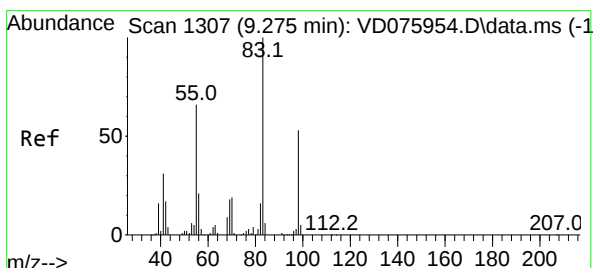
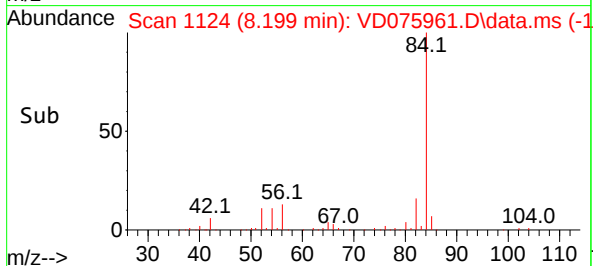
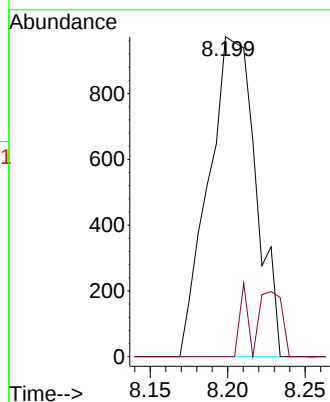
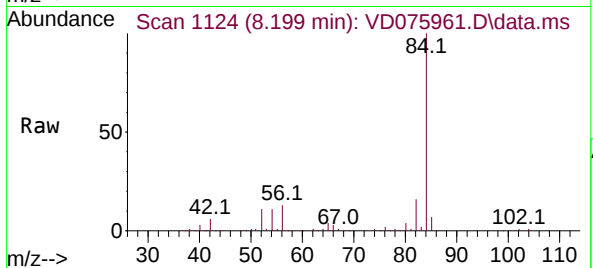




#27
1,2-Dichloroethane
Concen: 0.428 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.124 min
Lab File: VD075961.D
Acq: 02 May 2023 13:36

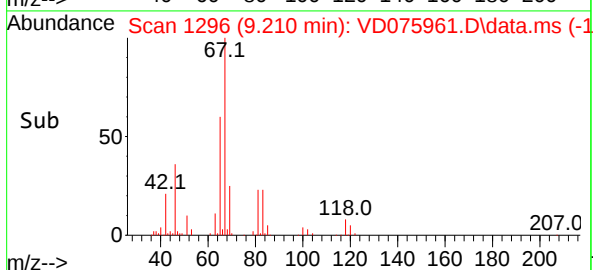
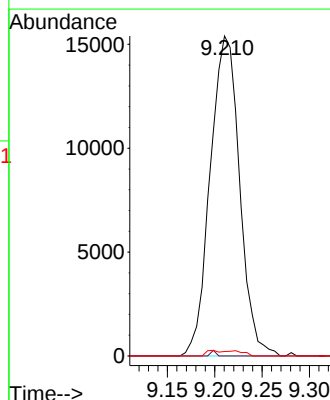
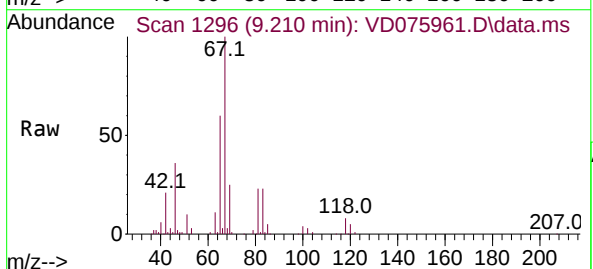
Instrument :
MSVOA_D
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DCCH5

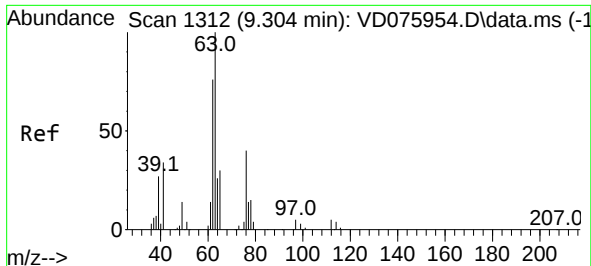
Tgt Ion: 62 Resp: 2063
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



#35
Methylcyclohexane
Concen: 3.524 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD075961.D
Acq: 02 May 2023 13:36

Tgt Ion: 83 Resp: 33266
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 1.1 40.8 61.2#

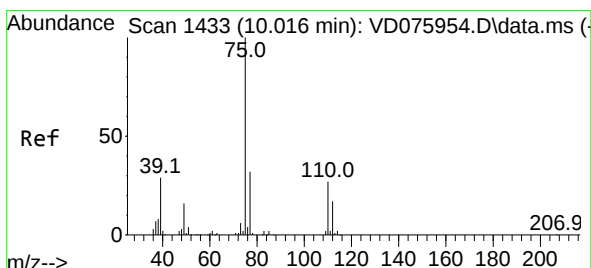
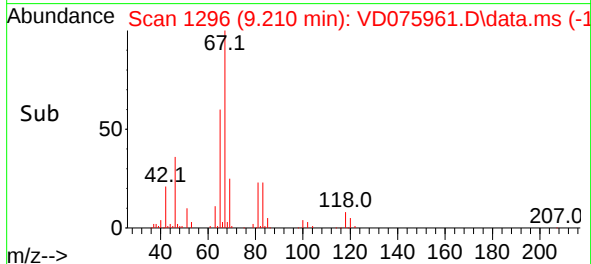
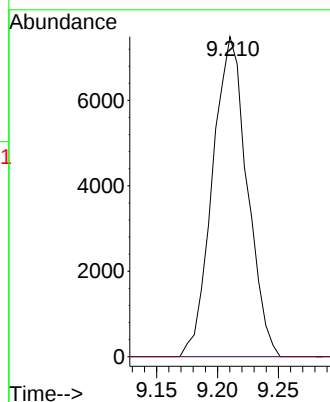
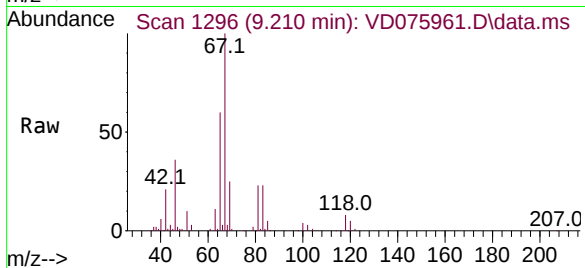




#37
1,2-Dichloropropane
Concen: 2.732 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075961.D
Acq: 02 May 2023 13:36

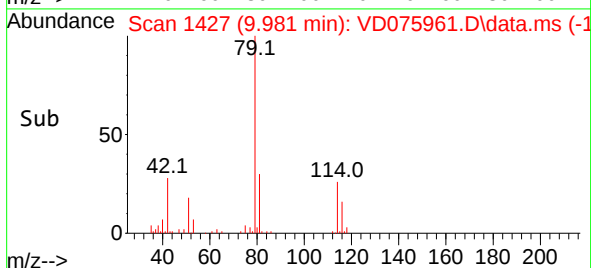
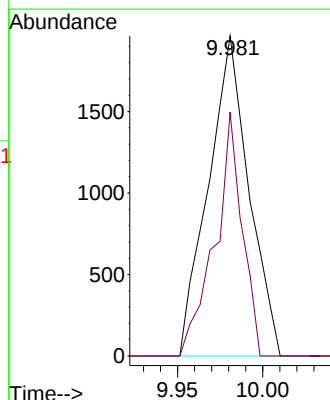
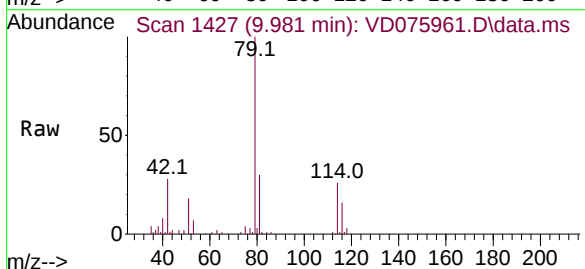
Instrument :
MSVOA_D
ClientSampleId :
DCCH5

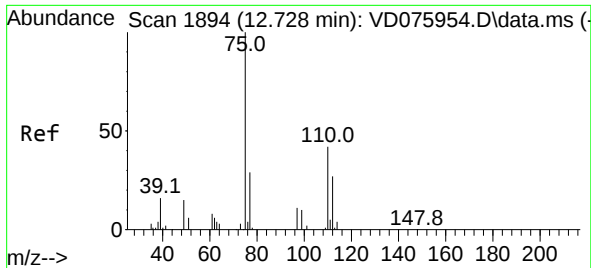
Tgt Ion: 63 Resp: 14861
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.375 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD075961.D
Acq: 02 May 2023 13:36

Tgt Ion: 75 Resp: 3242
Ion Ratio Lower Upper
75 100
77 76.3 23.4 43.6#





#61

1,2,3-Trichloropropane

Concen: 6.389 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

Lab File: VD075961.D

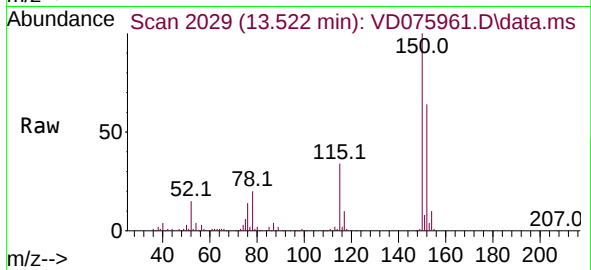
Acq: 02 May 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

DCCH5



Tgt Ion: 75 Resp: 16532

Ion Ratio Lower Upper

75 100

77 30.9 26.6 39.8

110 1.8 33.5 50.3#

