

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075584.D
 Acq On : 05 Apr 2023 18:08
 Operator : KP/SY
 Sample : 02193-03
 Misc : 5.10G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C11C6

Quant Time: Apr 05 23:38:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

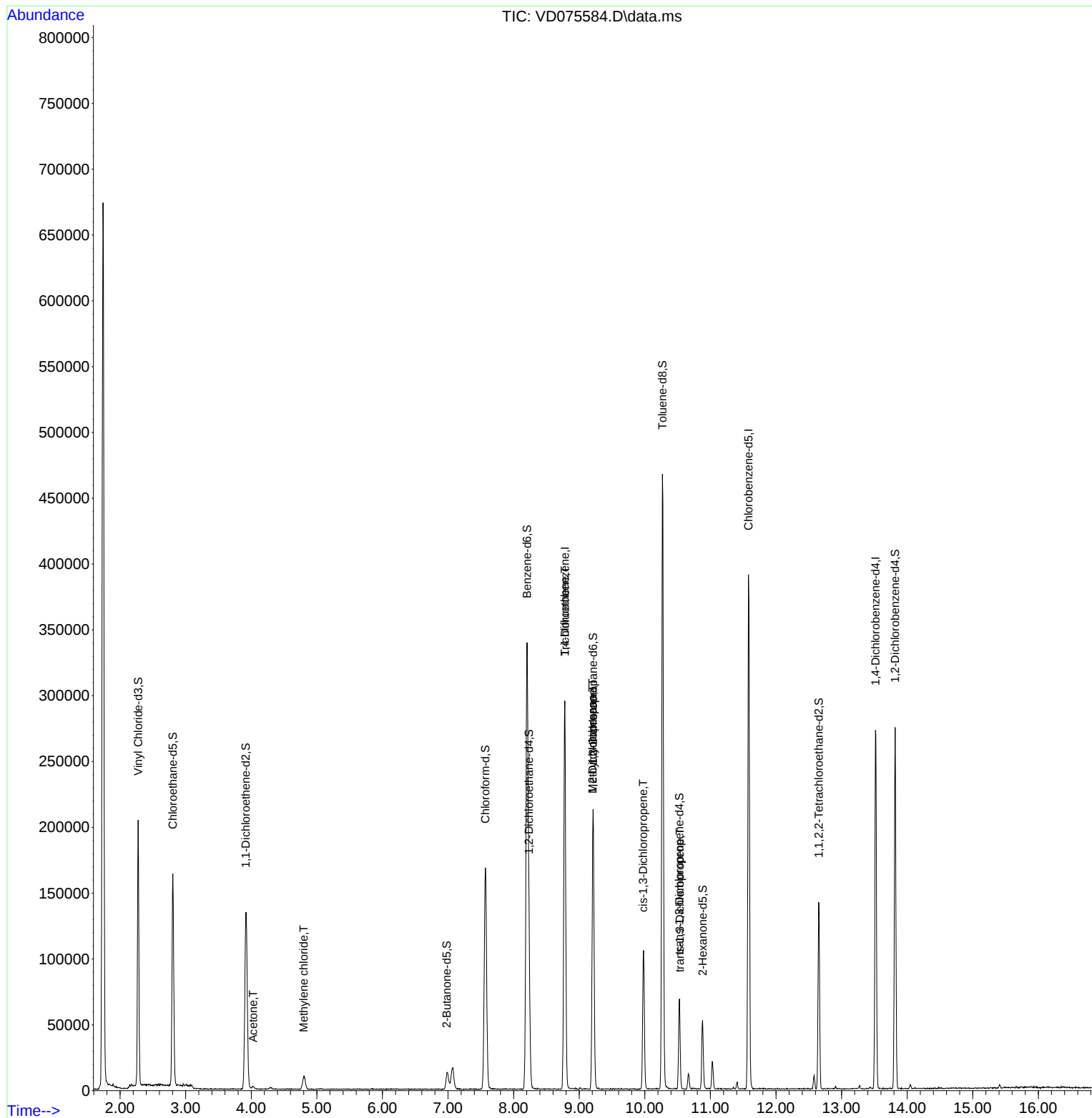
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	281569	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	246907	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	79587	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	192798	29.409	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	117.640%	
7) Chloroethane-d5	2.805	69	174406	29.897	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	119.600%	
11) 1,1-Dichloroethene-d2	3.917	63	119221	22.546	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	=	90.200%	
21) 2-Butanone-d5	6.981	46	21951	51.417	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	102.840%	
24) Chloroform-d	7.569	84	187840	28.296	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	113.200%	
26) 1,2-Dichloroethane-d4	8.234	65	80715	27.437	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	109.760%	
32) Benzene-d6	8.205	84	389553	26.987	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	107.960%	
36) 1,2-Dichloropropane-d6	9.210	67	110706	28.778	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	115.120%	
41) Toluene-d8	10.269	98	347646	25.685	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	102.720%	
43) trans-1,3-Dichloroprop...	10.528	79	41401	25.817	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	103.280%	
47) 2-Hexanone-d5	10.881	63	19651	43.168	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	86.340%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72858	25.282	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	101.120%	
66) 1,2-Dichlorobenzene-d4	13.816	152	75092	27.505	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	110.040%	
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	2922	6.526	ug/L	97
16) Methylene chloride	4.799	84	4623	1.194	ug/L	87
34) Trichloroethene	8.781	95	7568	2.126	ug/L #	3
35) Methylcyclohexane	9.205	83	27317	5.867	ug/L #	25
37) 1,2-Dichloropropane	9.205	63	11229	3.757	ug/L #	82
39) cis-1,3-Dichloropropene	9.975	75	3096	0.653	ug/L	88
44) trans-1,3-Dichloropropene	10.534	75	1931	0.479	ug/L	93

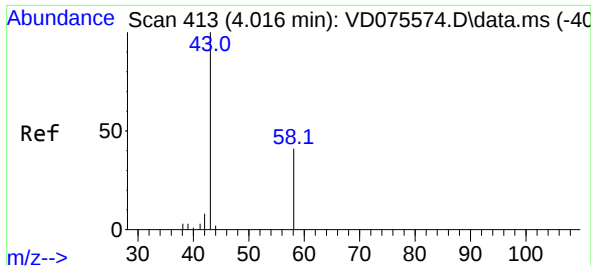
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Apr 01 00:08:20 2023
Response via : Initial Calibration





#13

Acetone

Concen: 6.526 ug/L

RT: 4.028 min Scan# 413

Delta R.T. 0.012 min

Lab File: VD075584.D

Acq: 05 Apr 2023 18:08

Instrument :

MSVOA_D

ClientSampleId :

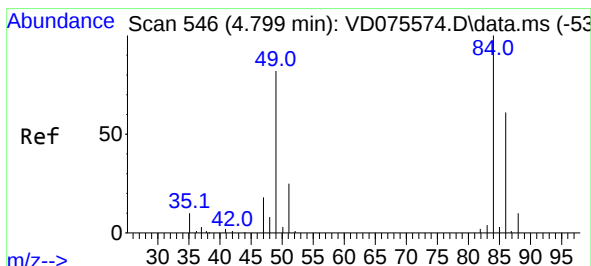
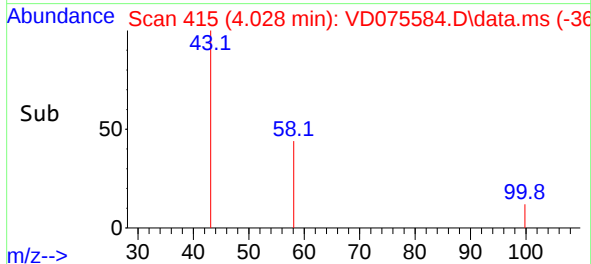
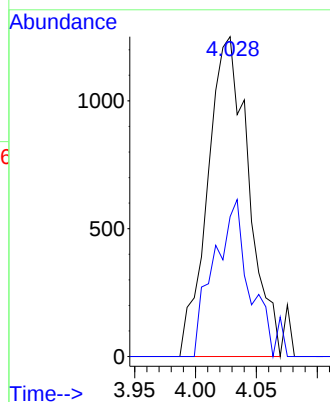
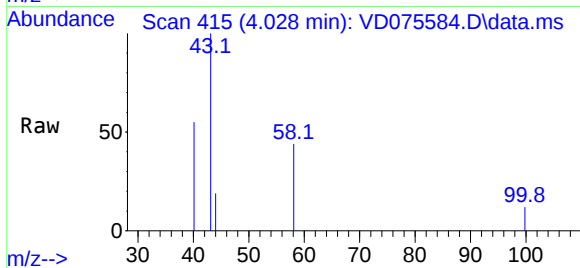
C11C6

Tgt Ion: 43 Resp: 2922

Ion Ratio Lower Upper

43 100

58 36.9 0.0 77.4



#16

Methylene chloride

Concen: 1.194 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD075584.D

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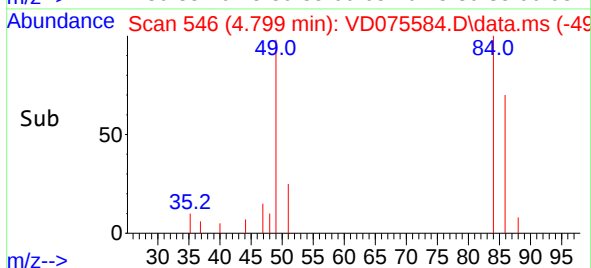
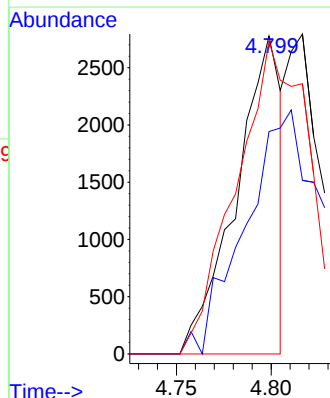
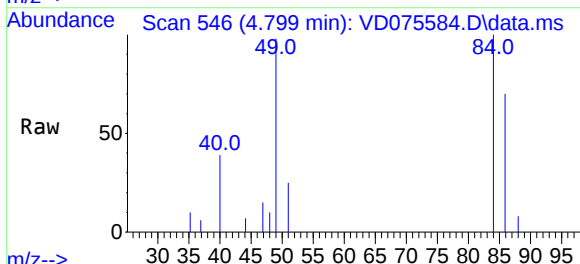
Tgt Ion: 84 Resp: 4623

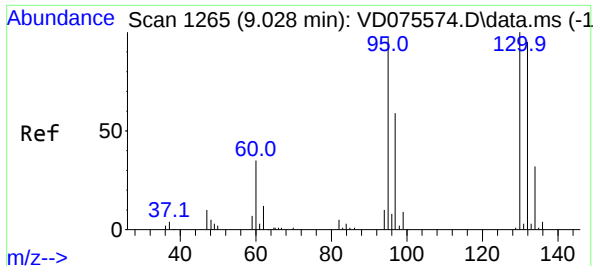
Ion Ratio Lower Upper

84 100

86 69.9 44.4 82.4

49 98.5 58.5 108.7



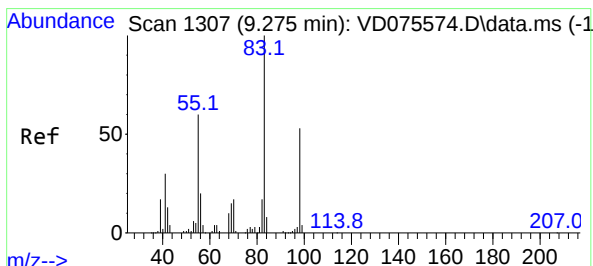
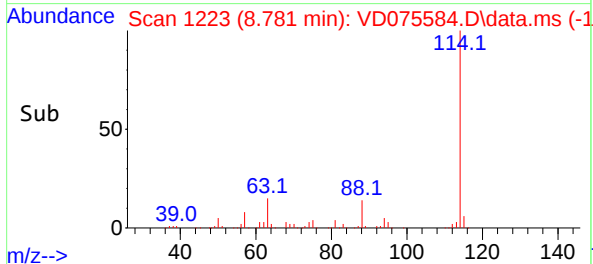
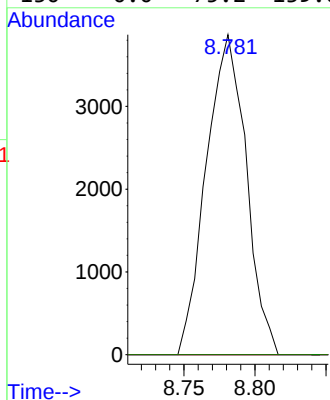
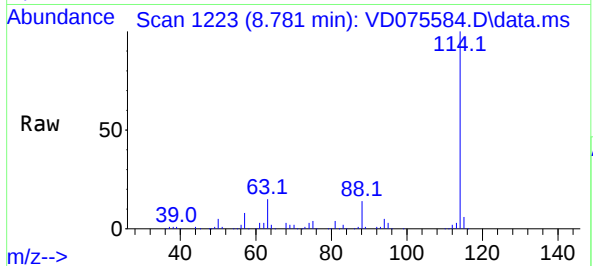


#34
Trichloroethene
Concen: 2.126 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD075584.D
Acq: 05 Apr 2023 18:08

Instrument :
MSVOA_D
ClientSampleId :
C11C6

Tgt Ion: 95 Resp: 7568

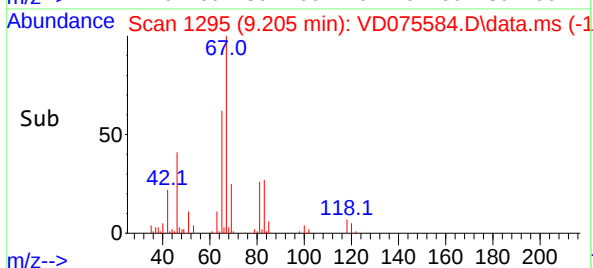
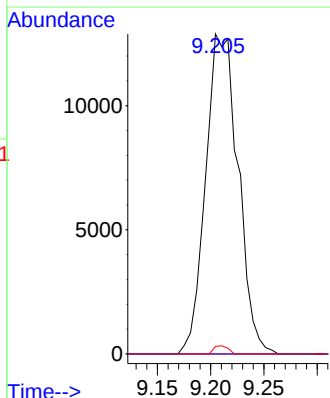
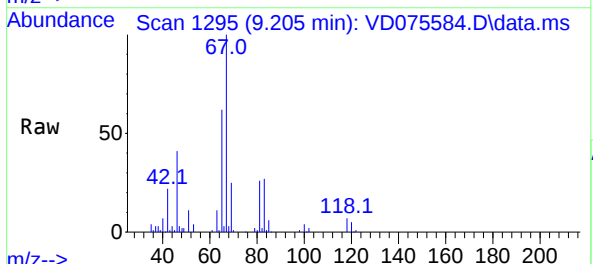
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	71.2	132.2#
130	0.0	75.2	139.6#

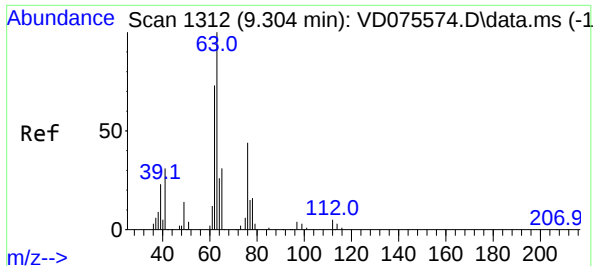


#35
Methylcyclohexane
Concen: 5.867 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.070 min
Lab File: VD075584.D
Acq: 05 Apr 2023 18:08

Tgt Ion: 83 Resp: 27317

Ion	Ratio	Lower	Upper
83	100		
55	0.0	46.9	70.3#
98	1.1	40.8	61.2#

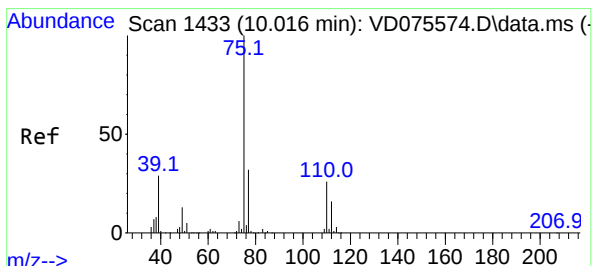
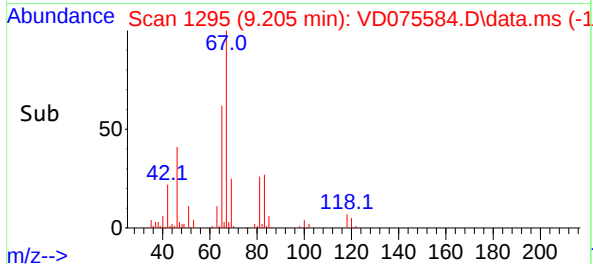
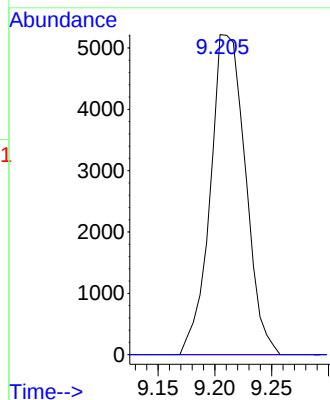
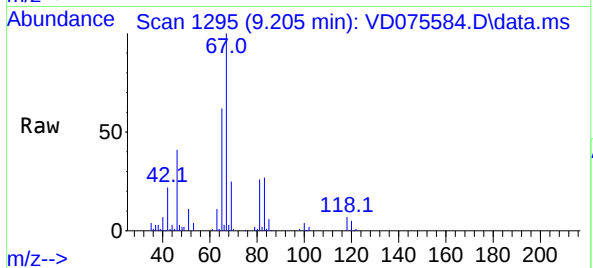




#37
1,2-Dichloropropane
Concen: 3.757 ug/L
RT: 9.205 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD075584.D
Acq: 05 Apr 2023 18:08

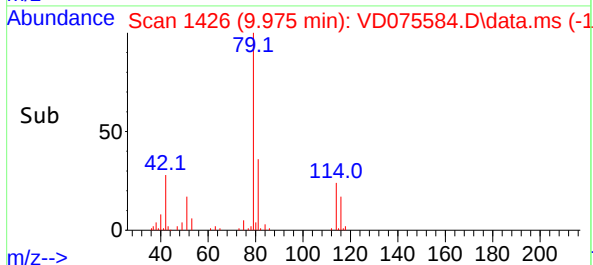
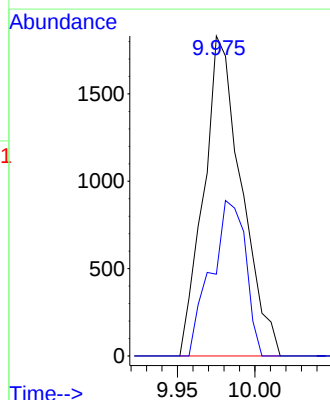
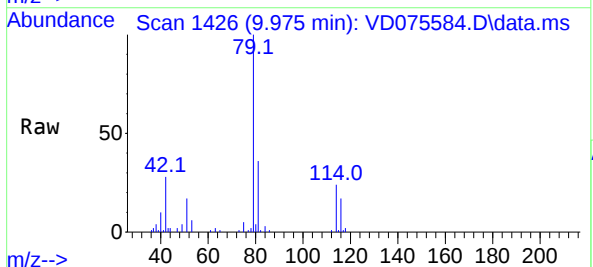
Instrument :
MSVOA_D
ClientSampleId :
C11C6

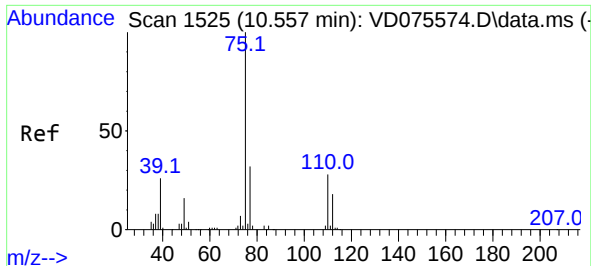
Tgt Ion: 63 Resp: 11229
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#



#39
cis-1,3-Dichloropropene
Concen: 0.653 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075584.D
Acq: 05 Apr 2023 18:08

Tgt Ion: 75 Resp: 3096
Ion Ratio Lower Upper
75 100
77 25.5 22.5 41.7





#44

trans-1,3-Dichloropropene

Concen: 0.479 ug/L

RT: 10.534 min Scan# 11

Delta R.T. -0.023 min

Lab File: VD075584.D

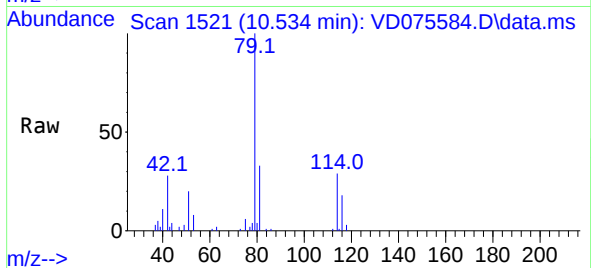
Acq: 05 Apr 2023 18:08

Instrument :

MSVOA_D

ClientSampleId :

C11C6



Tgt Ion: 75 Resp: 1931

Ion Ratio Lower Upper

75 100

77 35.2 22.1 41.1

