

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075805.D
 Acq On : 25 Apr 2023 11:44
 Operator : KP/SY
 Sample : VD0425SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 02:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

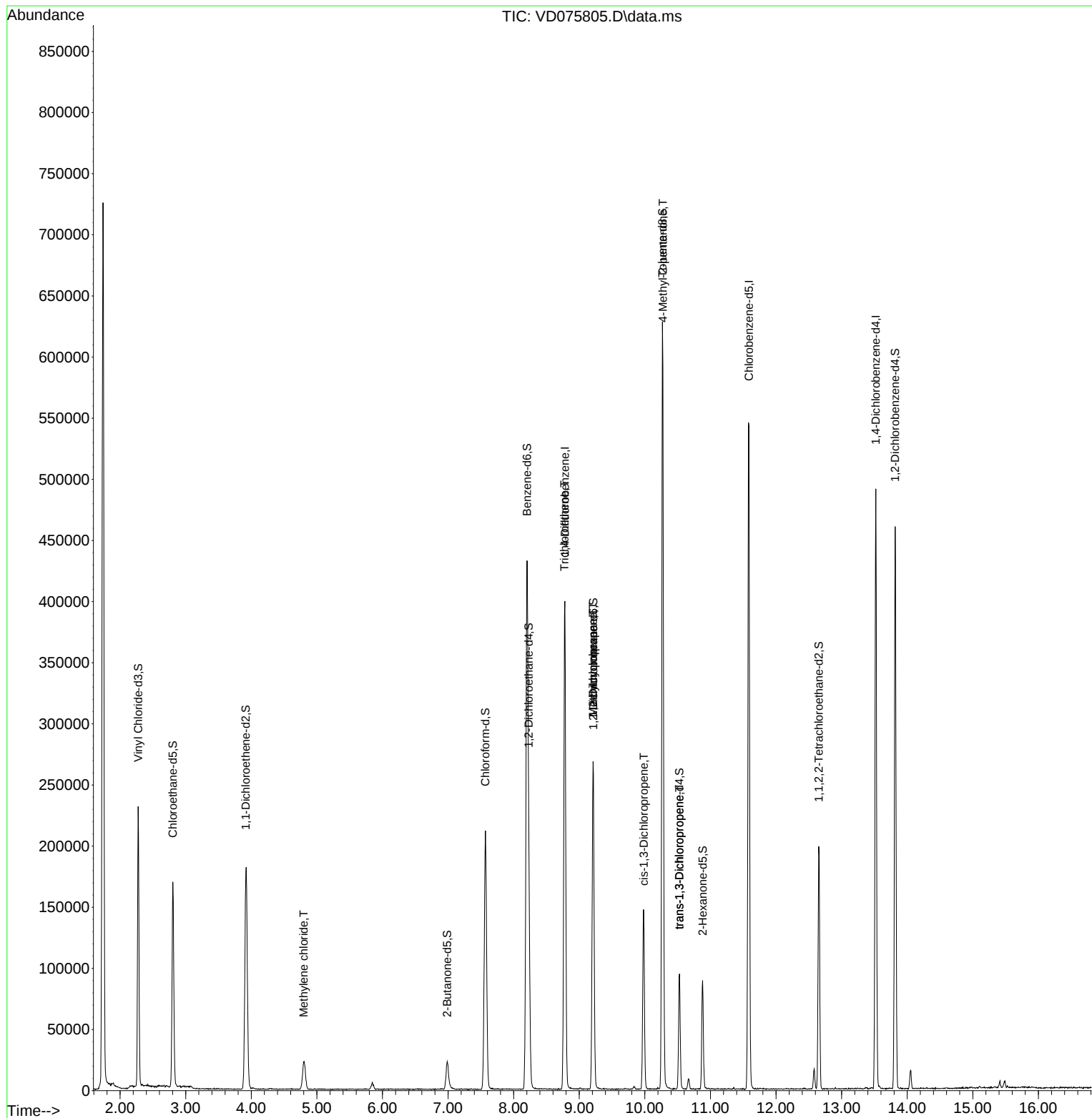
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	394479	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	358165	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143765	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	222498	25.711	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	102.840%	
7) Chloroethane-d5	2.805	69	179365	23.989	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	95.960%	
11) 1,1-Dichloroethene-d2	3.916	65	49885	25.003	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	100.000%	
21) 2-Butanone-d5	6.987	46	38046	50.643	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	101.280%	
24) Chloroform-d	7.569	84	232218	23.541	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	94.160%	
26) 1,2-Dichloroethane-d4	8.228	65	103724	24.622	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	98.480%	
32) Benzene-d6	8.204	84	507532	24.312	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	97.240%	
36) 1,2-Dichloropropane-d6	9.216	67	141486	24.487	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	97.960%	
41) Toluene-d8	10.269	98	469463	24.021	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	96.080%	
43) trans-1,3-Dichloroprop...	10.528	79	56555	23.680	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	94.720%	
47) 2-Hexanone-d5	10.881	63	32915	47.310	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	94.620%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	106952	24.189	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	96.760%	
66) 1,2-Dichlorobenzene-d4	13.816	152	134424	26.435	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	105.720%	
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	21474	2.683	ug/L	89
34) Trichloroethene	8.775	95	10056	1.795	ug/L #	2
35) Methylcyclohexane	9.210	83	34249	3.965	ug/L #	25
37) 1,2-Dichloropropane	9.210	63	14004	2.814	ug/L #	85
39) cis-1,3-Dichloropropene	9.987	75	3597	0.454	ug/L #	67
40) 4-Methyl-2-pentanone	10.275	43	1274	0.702	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	2577	0.405	ug/L	99

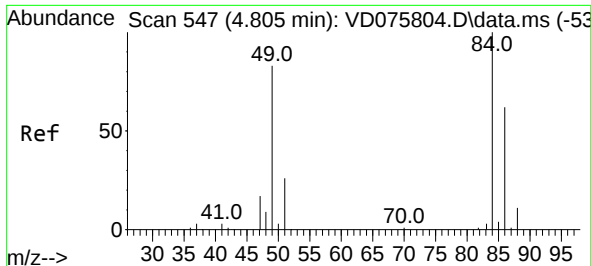
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 02:40:34 2023
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Quant Title : SFAM01.0
QLast Update : Wed Apr 26 02:39:47 2023
Response via : Initial Calibration

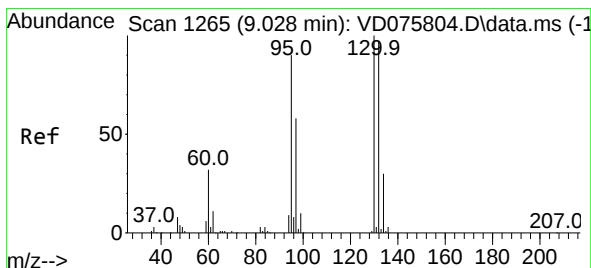
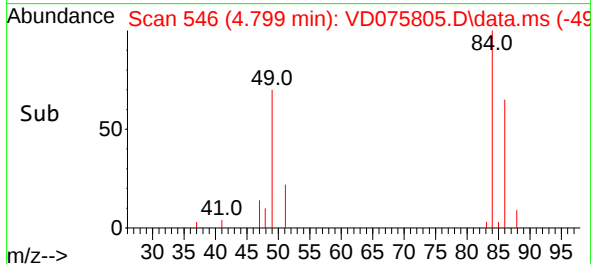
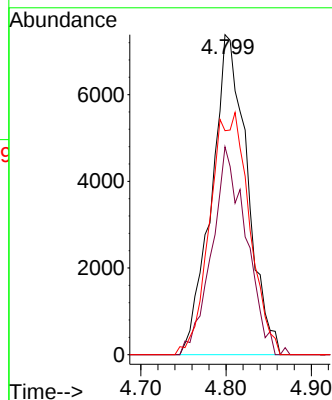
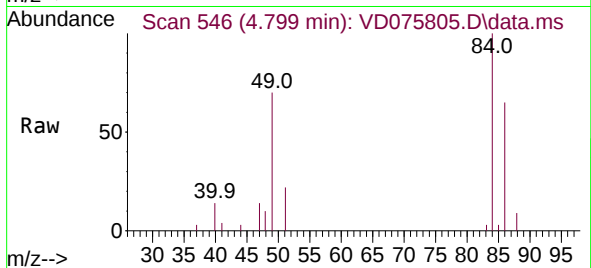




#16
Methylene chloride
Concen: 2.683 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075805.D
Acq: 25 Apr 2023 11:44

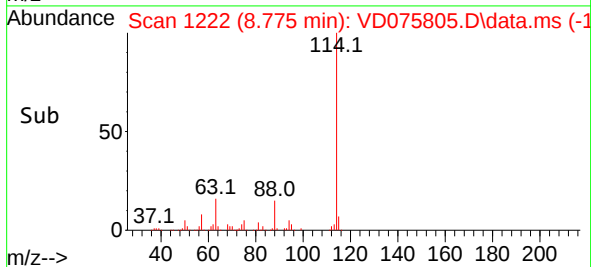
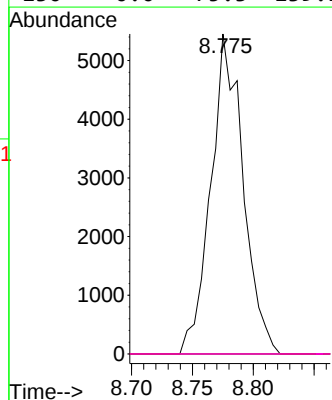
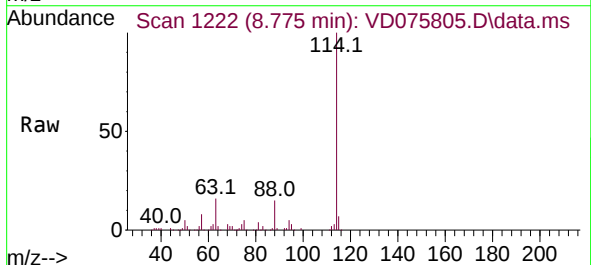
Instrument :
MSVOA_D
ClientSampleId :

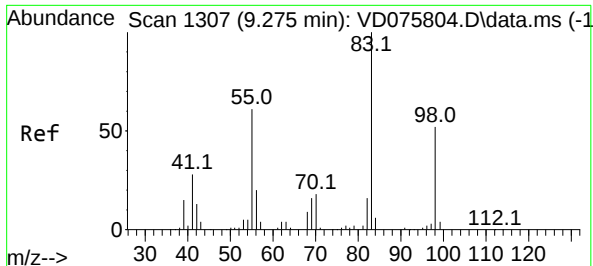
Tgt Ion: 84 Resp: 21474
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.2
49 70.0 60.8 112.8



#34
Trichloroethene
Concen: 1.795 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075805.D
Acq: 25 Apr 2023 11:44

Tgt Ion: 95 Resp: 10056
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: 3.965 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075805.D

Acq: 25 Apr 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

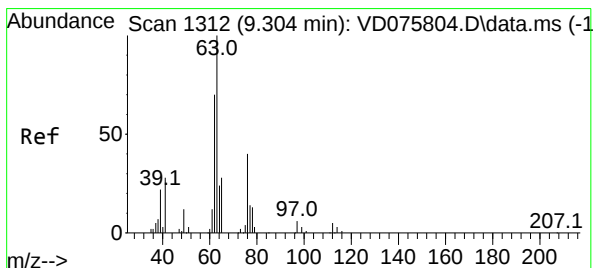
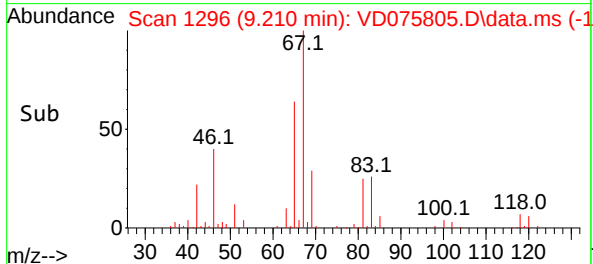
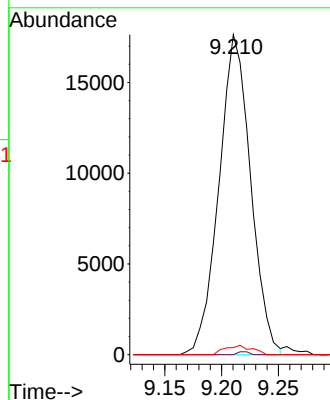
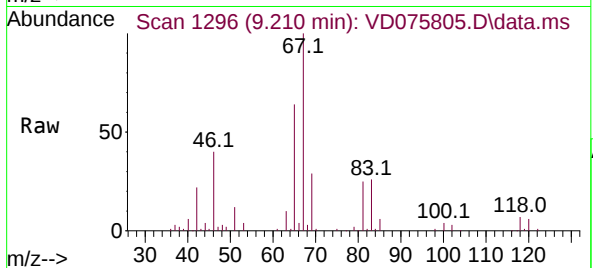
Tgt Ion: 83 Resp: 34249

Ion Ratio Lower Upper

83 100

55 0.3 48.2 72.2#

98 2.5 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 2.814 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD075805.D

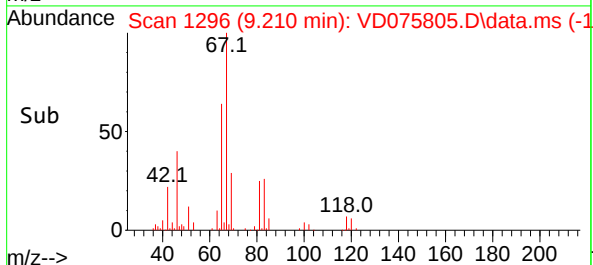
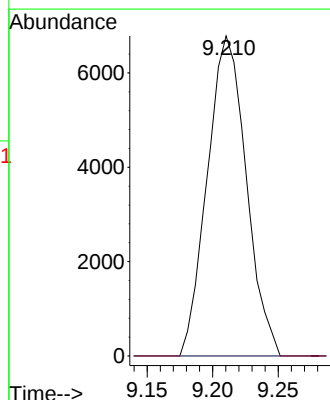
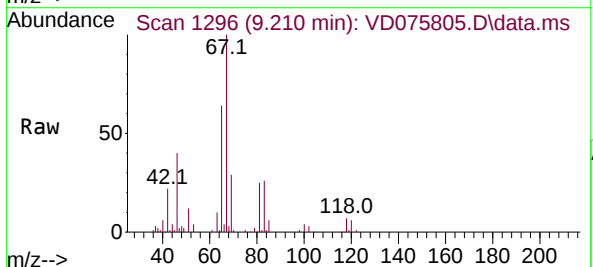
Acq: 25 Apr 2023 11:44

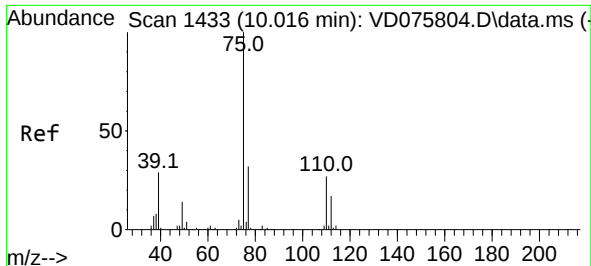
Tgt Ion: 63 Resp: 14004

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 9.987 min Scan# 1428

Delta R.T. -0.029 min

Lab File: VD075805.D

Acq: 25 Apr 2023 11:44

Instrument :

MSVOA_D

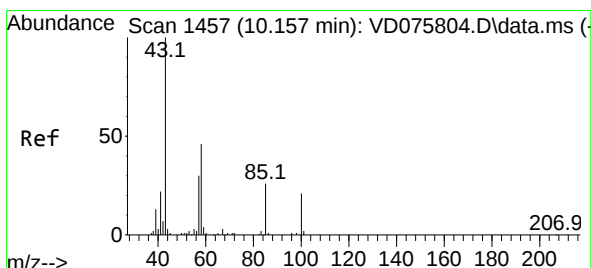
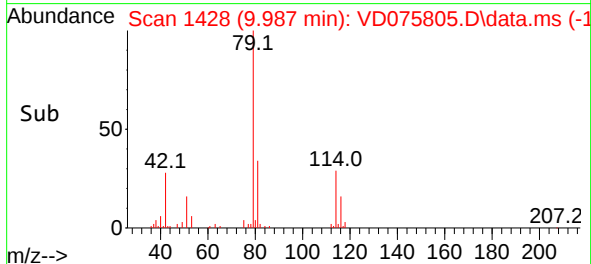
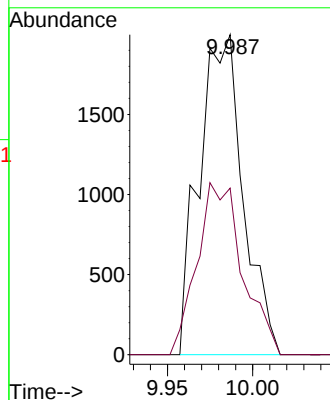
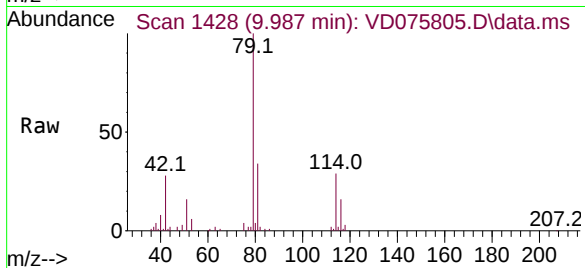
ClientSampleId :

Tgt Ion: 75 Resp: 3597

Ion Ratio Lower Upper

75 100

77 52.1 23.4 43.6#



#40

4-Methyl-2-pentanone

Concen: 0.702 ug/L

RT: 10.275 min Scan# 1477

Delta R.T. 0.118 min

Lab File: VD075805.D

Acq: 25 Apr 2023 11:44

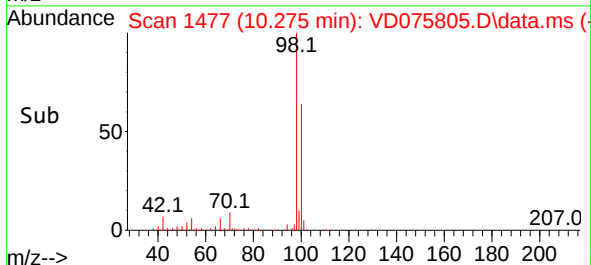
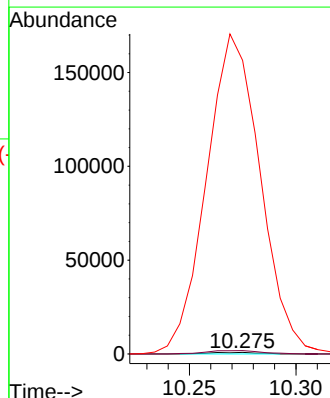
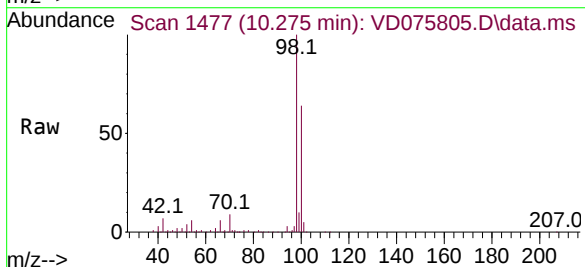
Tgt Ion: 43 Resp: 1274

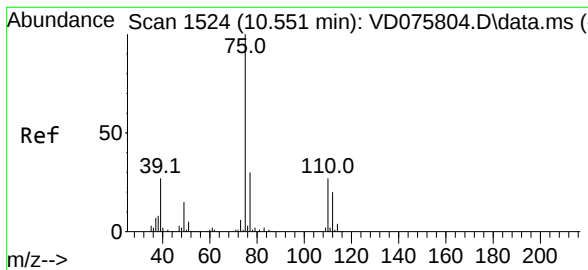
Ion Ratio Lower Upper

43 100

58 255.7 39.1 58.7#

100 23652.3 19.4 29.0#





#44
 trans-1,3-Dichloropropene
 Concen: 0.405 ug/L
 RT: 10.528 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VD075805.D
 Acq: 25 Apr 2023 11:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 2577
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.0 41.0

