

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077621.D
 Acq On : 18 Nov 2023 10:49
 Operator : JC/SY
 Sample : 05456-05
 Misc : 5.07G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 23:23:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

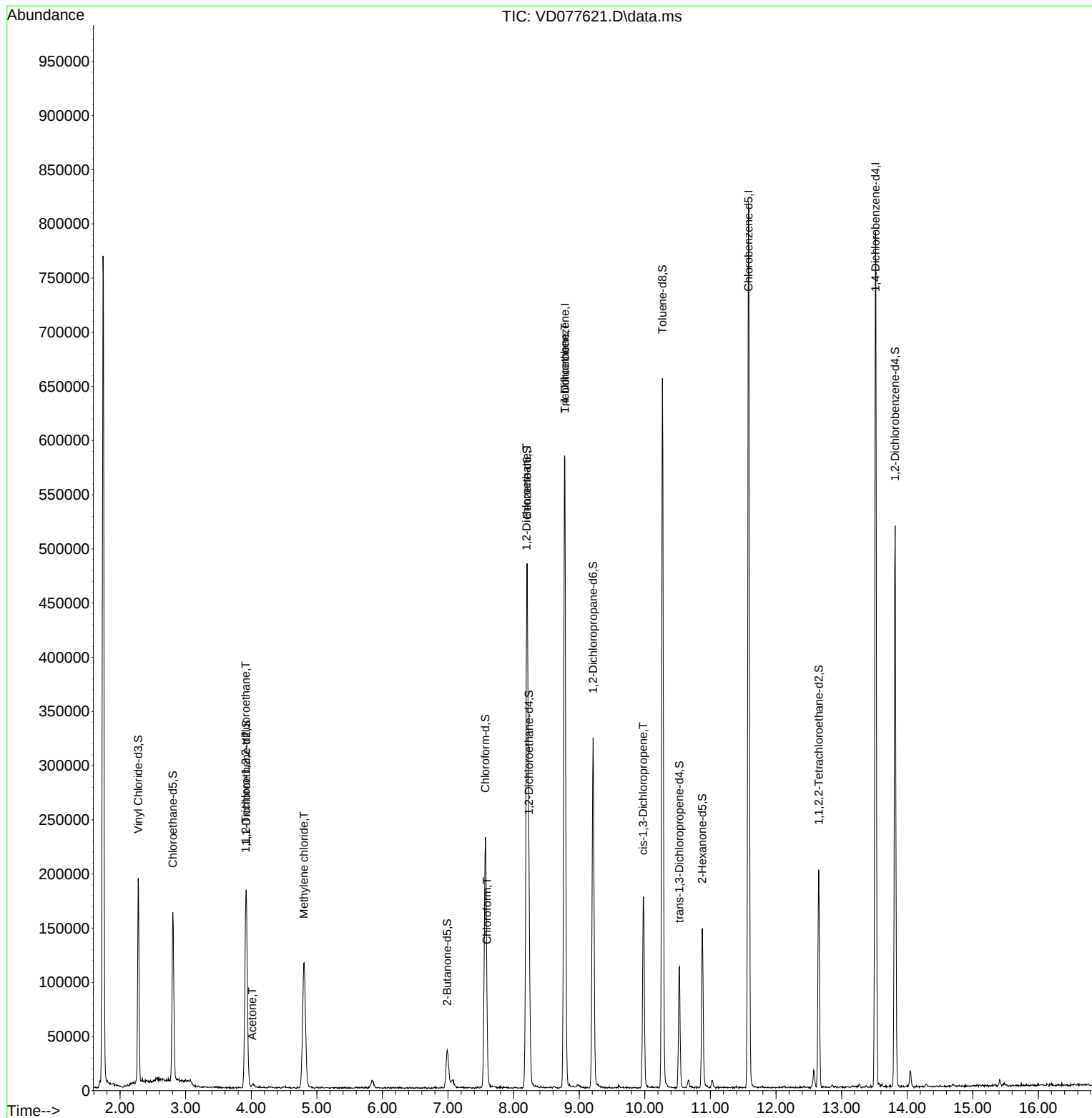
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	488662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	444861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	202481	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	175093	14.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.360%
7) Chloroethane-d5	2.805	69	155233	15.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.600%
11) 1,1-Dichloroethene-d2	3.923	65	56469	14.691	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.760%
21) 2-Butanone-d5	6.987	46	64933	30.170	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.340%
24) Chloroform-d	7.569	84	238873	16.922	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.680%
26) 1,2-Dichloroethane-d4	8.234	65	125883	16.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.040%#
32) Benzene-d6	8.205	84	483624	16.750	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.000%
36) 1,2-Dichloropropane-d6	9.210	67	157530	16.750	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.000%#
41) Toluene-d8	10.269	98	432758	16.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.360%
43) trans-1,3-Dichloroprop...	10.528	79	63065	15.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.200%
47) 2-Hexanone-d5	10.875	63	51973	30.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101743	16.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	131725	18.287	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.160%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	1573	0.220	ug/L #	21
13) Acetone	4.017	43	4829	2.135	ug/L	78
16) Methylene chloride	4.805	84	83932	10.173	ug/L	90
25) Chloroform	7.593	83	4484	0.333	ug/L	78
27) 1,2-Dichloroethane	8.199	62	3213	0.360	ug/L #	73
34) Trichloroethene	8.781	95	15900	2.080	ug/L #	10
39) cis-1,3-Dichloropropene	9.975	75	4485	0.340	ug/L #	66

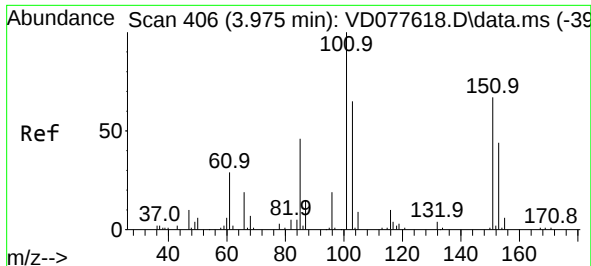
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

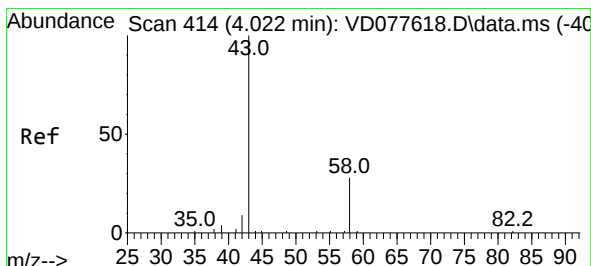
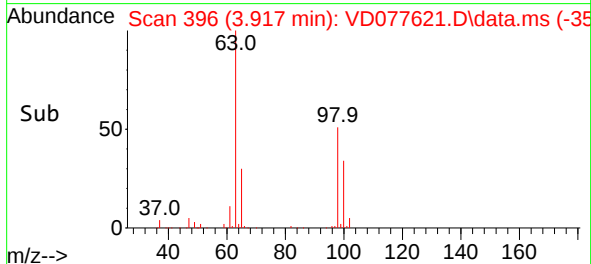
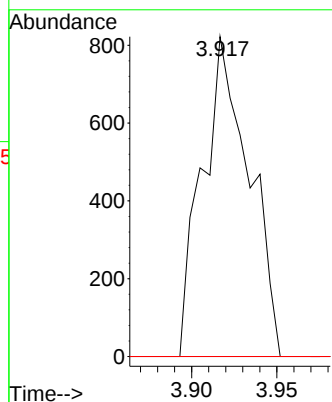
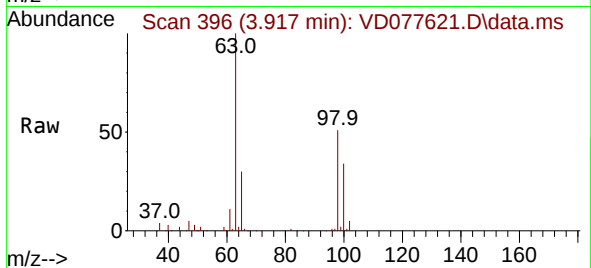




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.220 ug/L
 RT: 3.917 min Scan# 396
 Delta R.T. -0.058 min
 Lab File: VD077621.D
 Acq: 18 Nov 2023 10:49

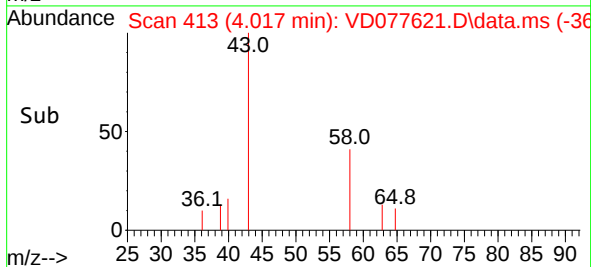
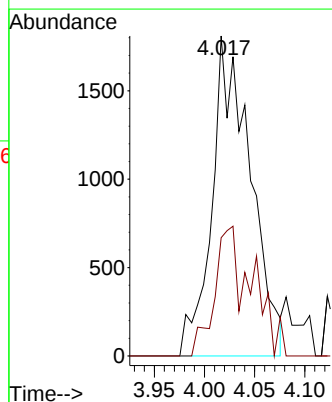
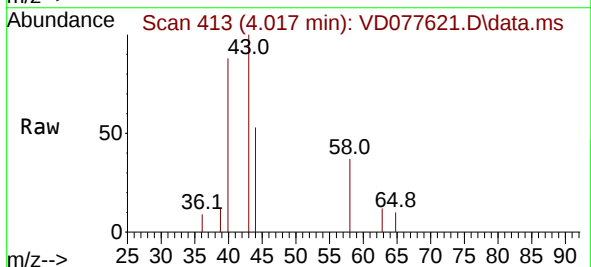
Instrument :
 MSVOA_D
 ClientSampleId :

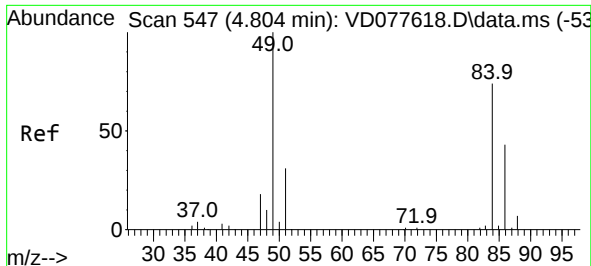
Tgt Ion:101 Resp: 1573
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.8 55.2#
 151 0.0 56.6 84.8#



#13
 Acetone
 Concen: 2.135 ug/L
 RT: 4.017 min Scan# 413
 Delta R.T. -0.005 min
 Lab File: VD077621.D
 Acq: 18 Nov 2023 10:49

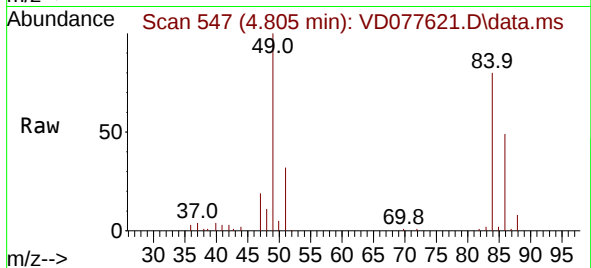
Tgt Ion: 43 Resp: 4829
 Ion Ratio Lower Upper
 43 100
 58 19.7 0.0 64.0



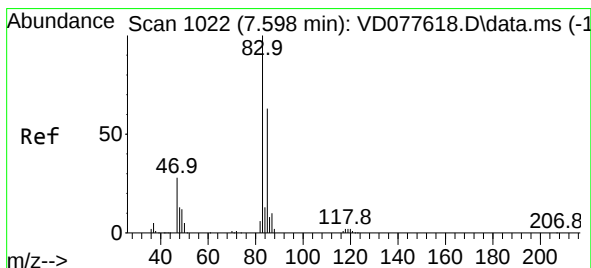
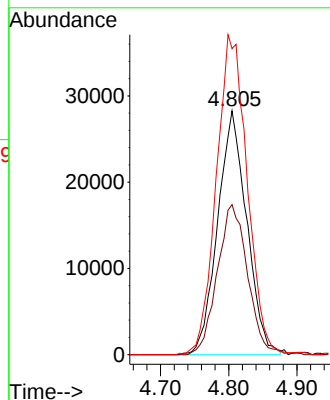
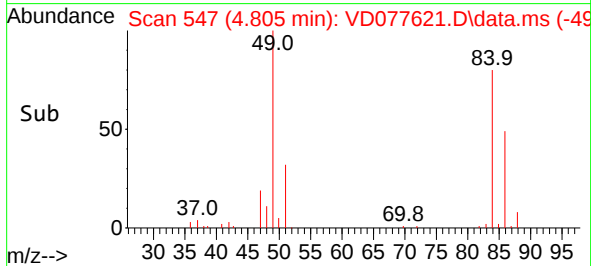


#16
Methylene chloride
Concen: 10.173 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD077621.D
Acq: 18 Nov 2023 10:49

Instrument :
MSVOA_D
ClientSampleId :

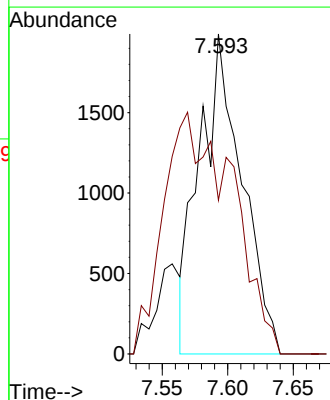
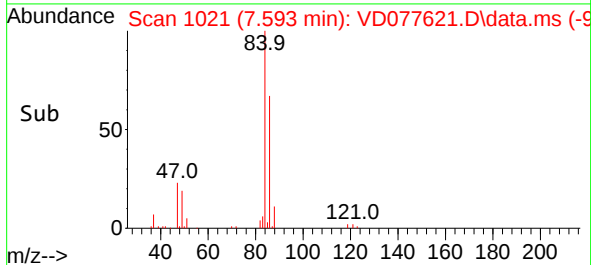
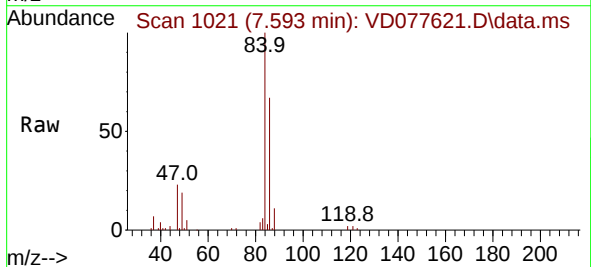


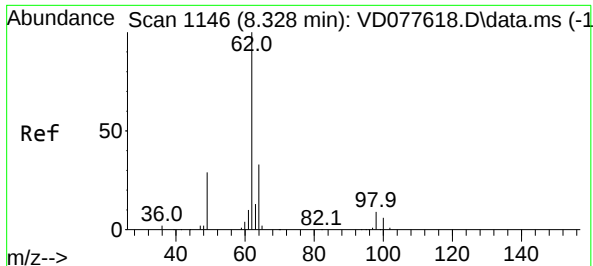
Tgt Ion: 84 Resp: 83932
Ion Ratio Lower Upper
84 100
86 61.6 46.5 86.5
49 125.5 98.3 182.7



#25
Chloroform
Concen: 0.333 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VD077621.D
Acq: 18 Nov 2023 10:49

Tgt Ion: 83 Resp: 4484
Ion Ratio Lower Upper
83 100
85 48.1 45.9 85.3





#27

1,2-Dichloroethane

Concen: 0.360 ug/L

RT: 8.199 min Scan# 11

Delta R.T. -0.129 min

Lab File: VD077621.D

Acq: 18 Nov 2023 10:49

Instrument :

MSVOA_D

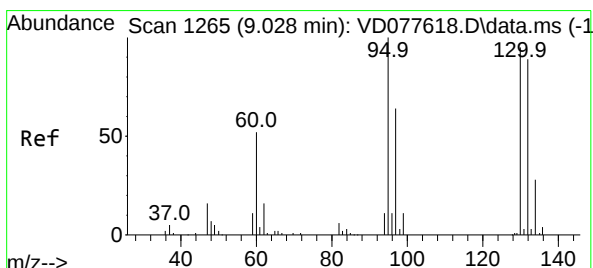
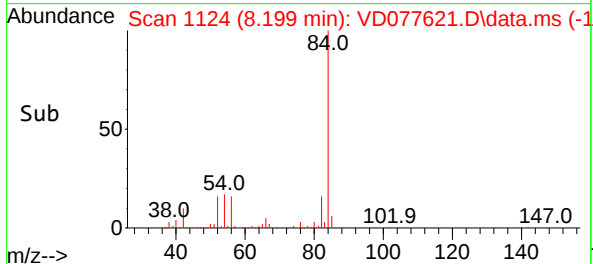
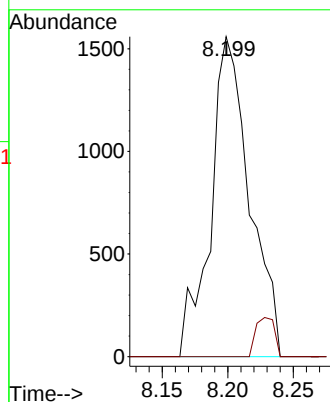
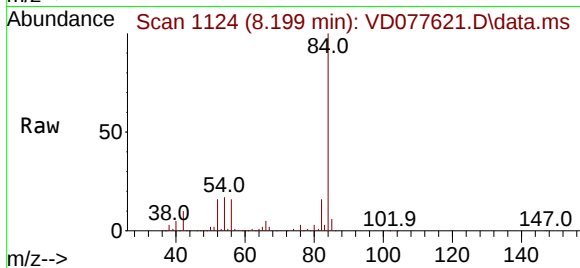
ClientSampleId :

Tgt Ion: 62 Resp: 3213

Ion Ratio Lower Upper

62 100

98 0.0 8.0 12.0#



#34

Trichloroethene

Concen: 2.080 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD077621.D

Acq: 18 Nov 2023 10:49

Tgt Ion: 95 Resp: 15900

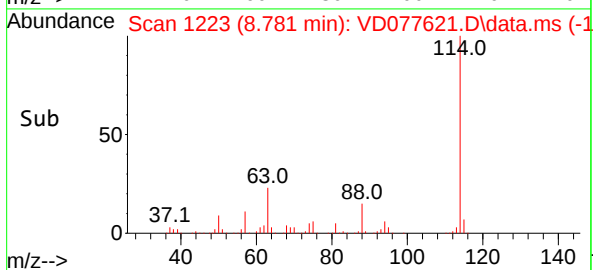
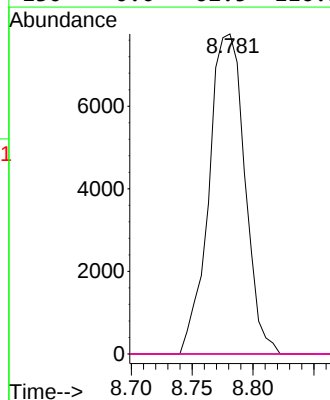
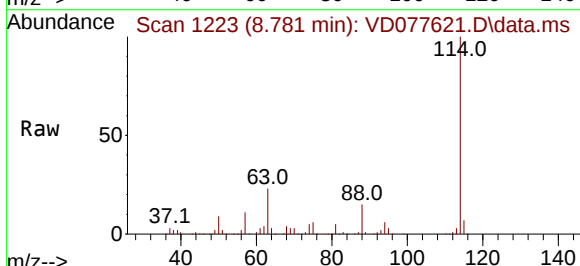
Ion Ratio Lower Upper

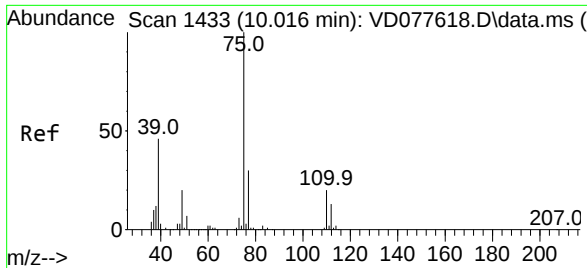
95 100

97 0.0 42.4 78.6#

132 0.0 59.4 110.2#

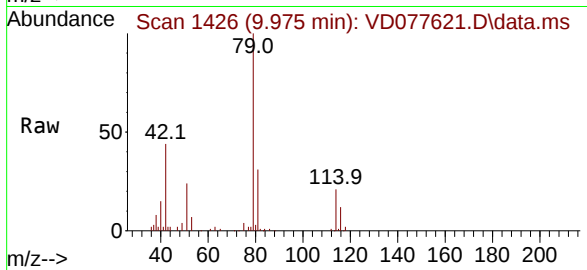
130 0.0 62.5 116.1#





#39
 cis-1,3-Dichloropropene
 Concen: 0.340 ug/L
 RT: 9.975 min Scan# 14
 Delta R.T. -0.041 min
 Lab File: VD077621.D
 Acq: 18 Nov 2023 10:49

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	51.0	22.5	41.9#

