

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076006.D
 Acq On : 04 May 2023 16:02
 Operator : KP/SY
 Sample : 02589-14
 Misc : 4.54G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:50:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 00:35:29 2023
 Response via : Initial Calibration

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

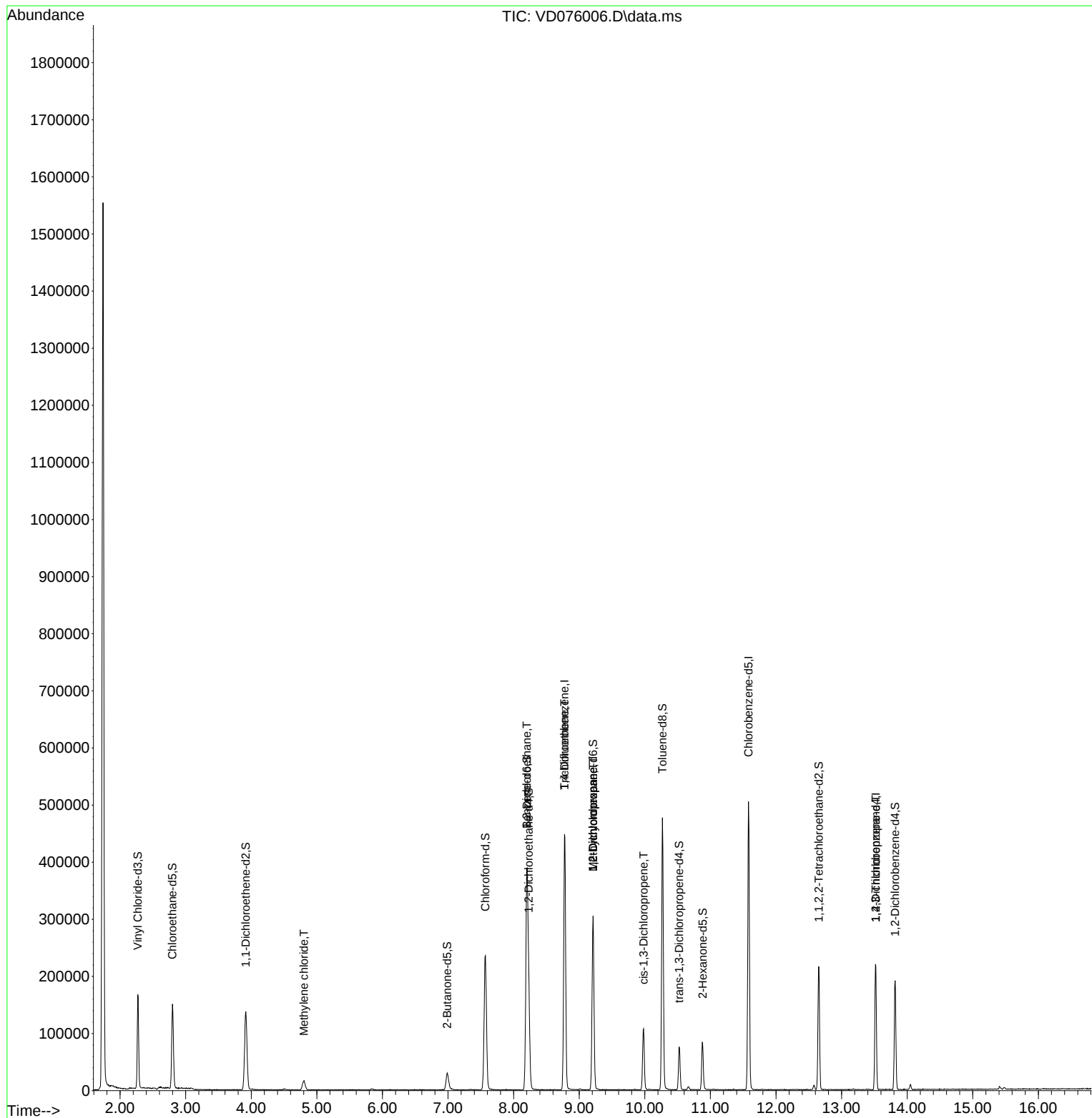
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	450199	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	325062	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	68207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	157238	15.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.680%
7) Chloroethane-d5	2.799	69	162131	19.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	3.917	65	37690	16.553	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.200%
21) 2-Butanone-d5	6.987	46	50315	58.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.360%
24) Chloroform-d	7.569	84	254646	22.619	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.480%
26) 1,2-Dichloroethane-d4	8.228	65	113914	23.694	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.760%
32) Benzene-d6	8.199	84	450043	23.754	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	9.210	67	156177	29.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.120%
41) Toluene-d8	10.269	98	351522	19.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.280%
43) trans-1,3-Dichloroprop...	10.522	79	44991	20.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.881	63	31245	49.484	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.960%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	117296	29.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	57368	23.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	8111	0.888	ug/L	88
27) 1,2-Dichloroethane	8.199	62	1754	0.312	ug/L #	68
34) Trichloroethene	8.775	95	11385	2.239	ug/L #	2
35) Methylcyclohexane	9.210	83	37738	4.814	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	15997	3.542	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2740	0.381	ug/L	93
61) 1,2,3-Trichloropropane	13.522	75	7009	6.542	ug/L #	61

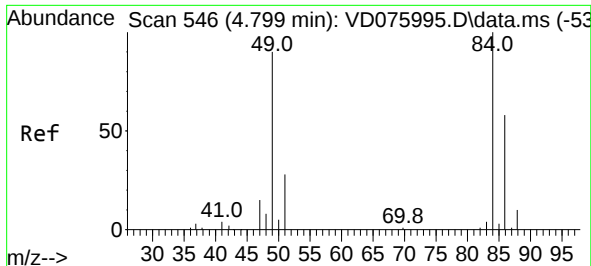
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
Data File : VD076006.D
Acq On : 04 May 2023 16:02
Operator : KP/SY
Sample : 02589-14
Misc : 4.54G/10.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 05 00:50:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
Response via : Initial Calibration

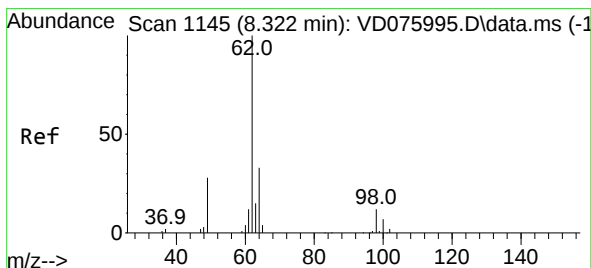
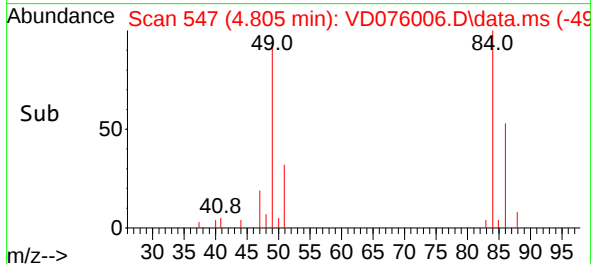
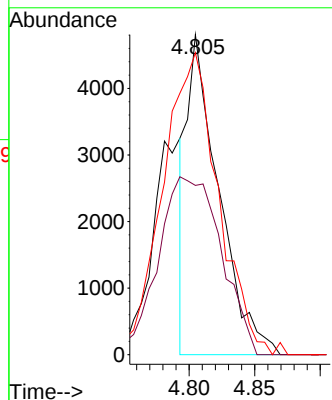
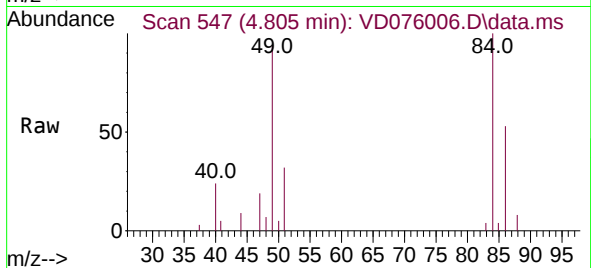




#16
Methylene chloride
Concen: 0.888 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076006.D
Acq: 04 May 2023 16:02

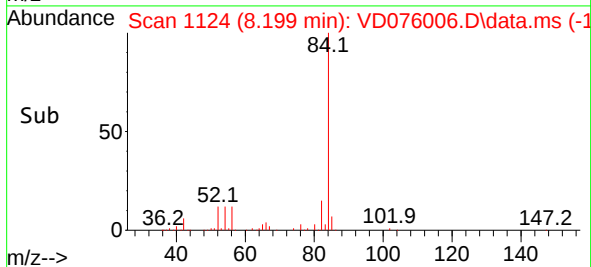
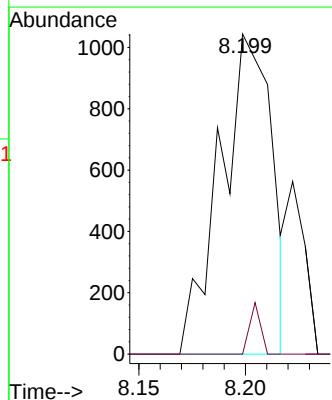
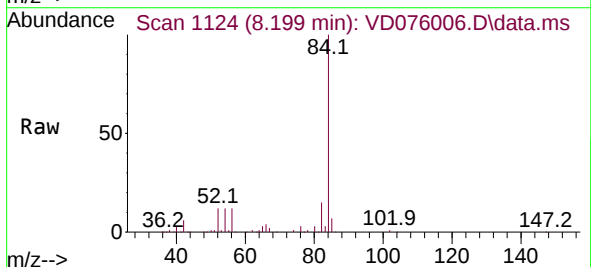
Instrument :
MSVOA_D
ClientSampleId :

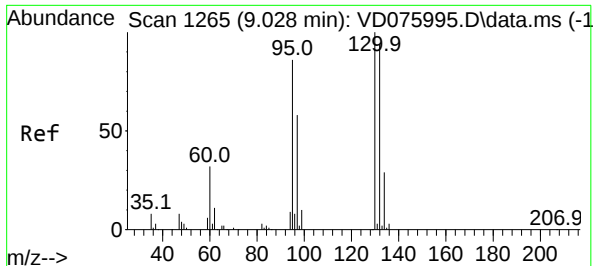
Tgt Ion: 84 Resp: 8111
Ion Ratio Lower Upper
84 100
86 52.9 45.8 85.2
49 94.4 60.8 112.8



#27
1,2-Dichloroethane
Concen: 0.312 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.123 min
Lab File: VD076006.D
Acq: 04 May 2023 16:02

Tgt Ion: 62 Resp: 1754
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#





#34

Trichloroethene

Concen: 2.239 ug/L

RT: 8.775 min Scan# 11385

Delta R.T. -0.253 min

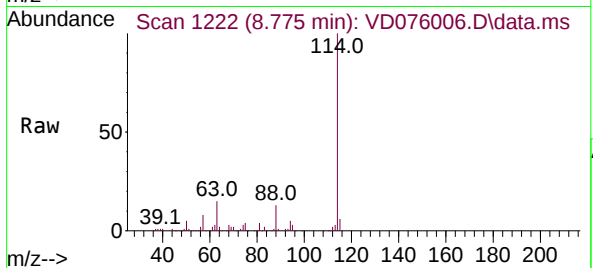
Lab File: VD076006.D

Acq: 04 May 2023 16:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 11385

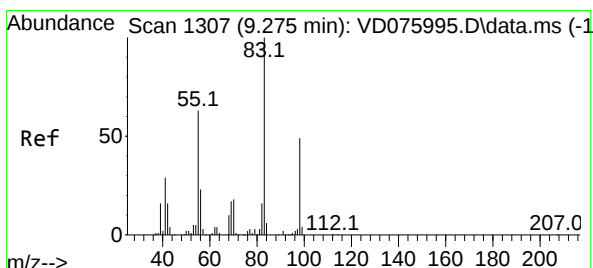
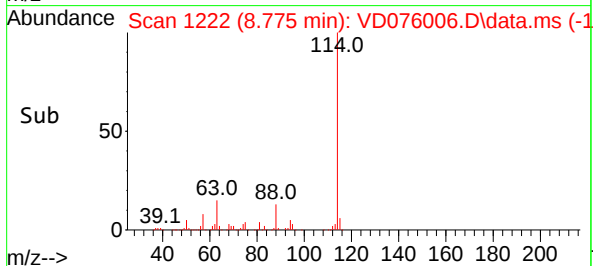
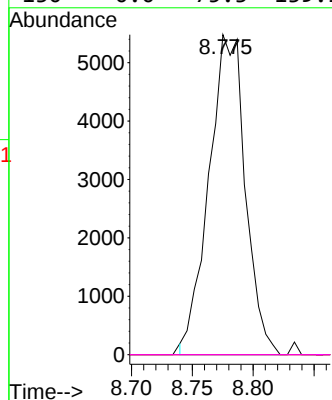
Ion Ratio Lower Upper

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: 4.814 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD076006.D

Acq: 04 May 2023 16:02

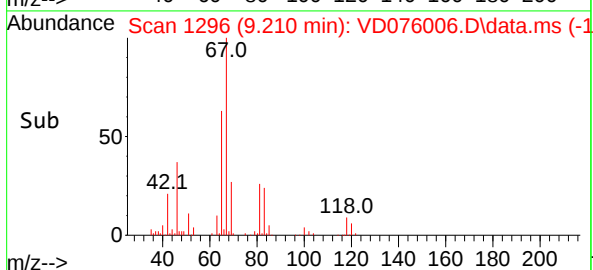
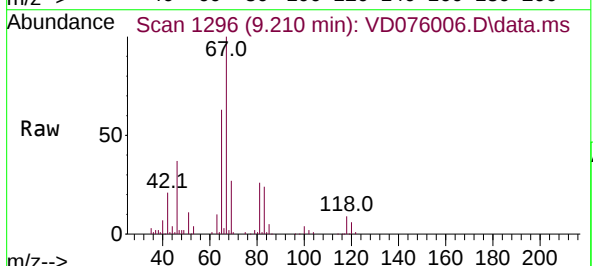
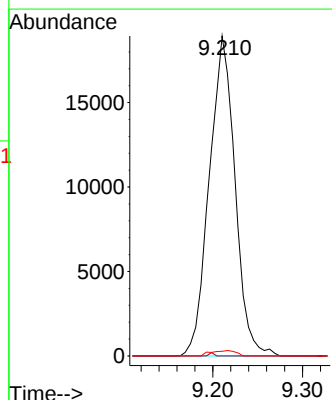
Tgt Ion: 83 Resp: 37738

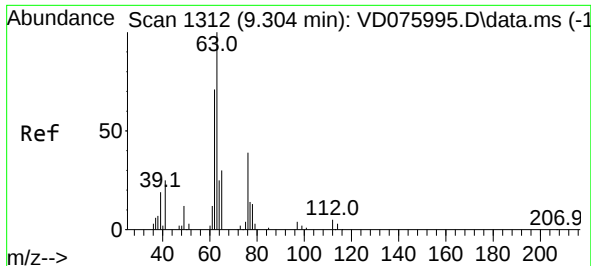
Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 1.6 40.8 61.2#

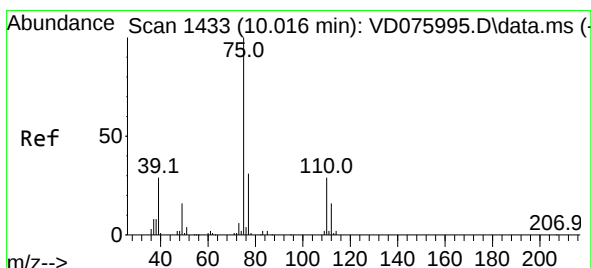
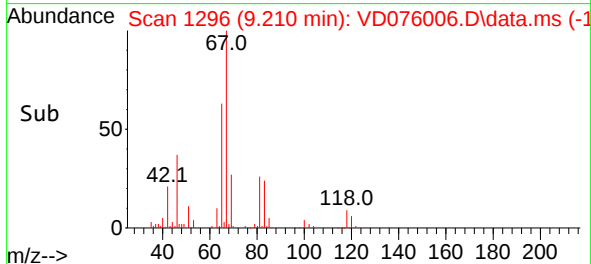
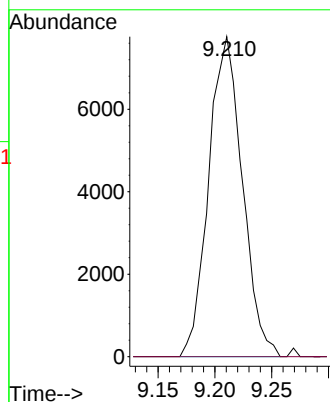
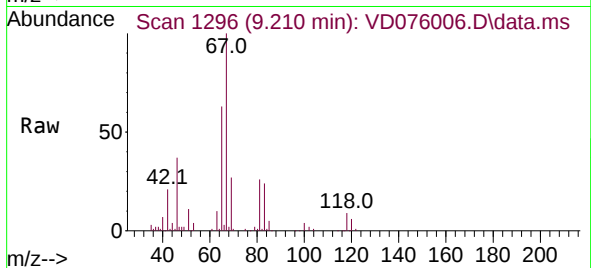




#37
1,2-Dichloropropane
Concen: 3.542 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076006.D
Acq: 04 May 2023 16:02

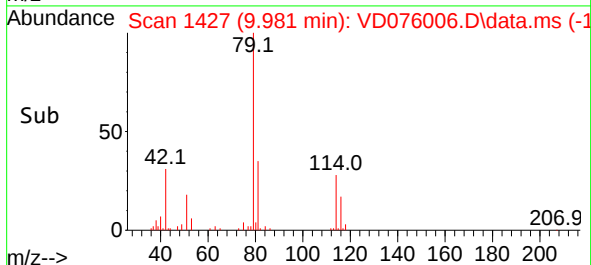
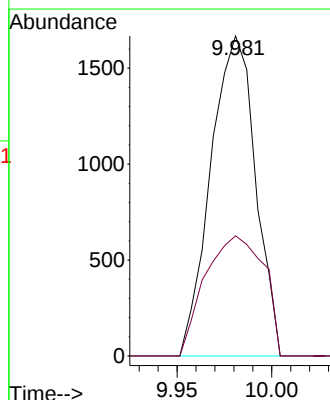
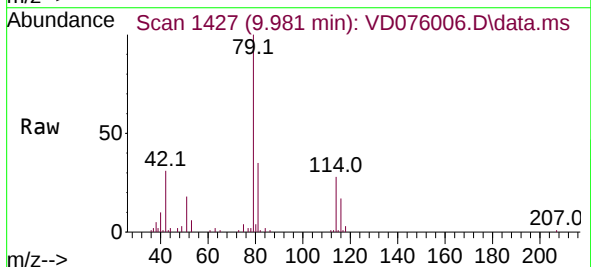
Instrument :
MSVOA_D
ClientSampleId :

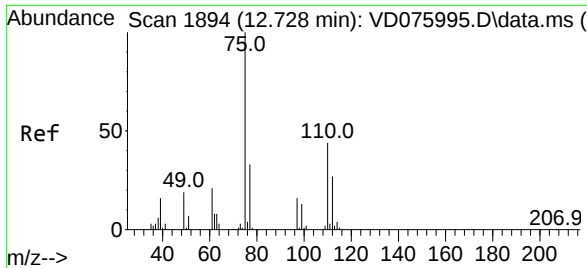
Tgt Ion: 63 Resp: 15997
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.381 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076006.D
Acq: 04 May 2023 16:02

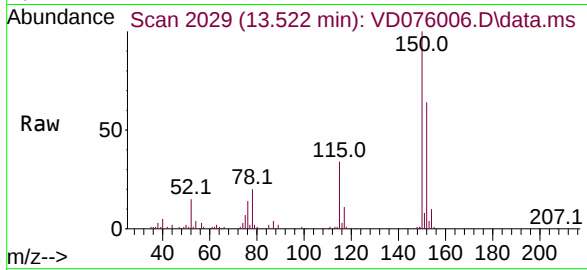
Tgt Ion: 75 Resp: 2740
Ion Ratio Lower Upper
75 100
77 37.5 23.4 43.6





#61
 1,2,3-Trichloropropane
 Concen: 6.542 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD076006.D
 Acq: 04 May 2023 16:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	7009
Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.6	39.8
110	0.0	33.5	50.3#

