

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076013.D
 Acq On : 04 May 2023 19:28
 Operator : KP/SY
 Sample : 02589-04
 Misc : 4.93G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:51:51 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)

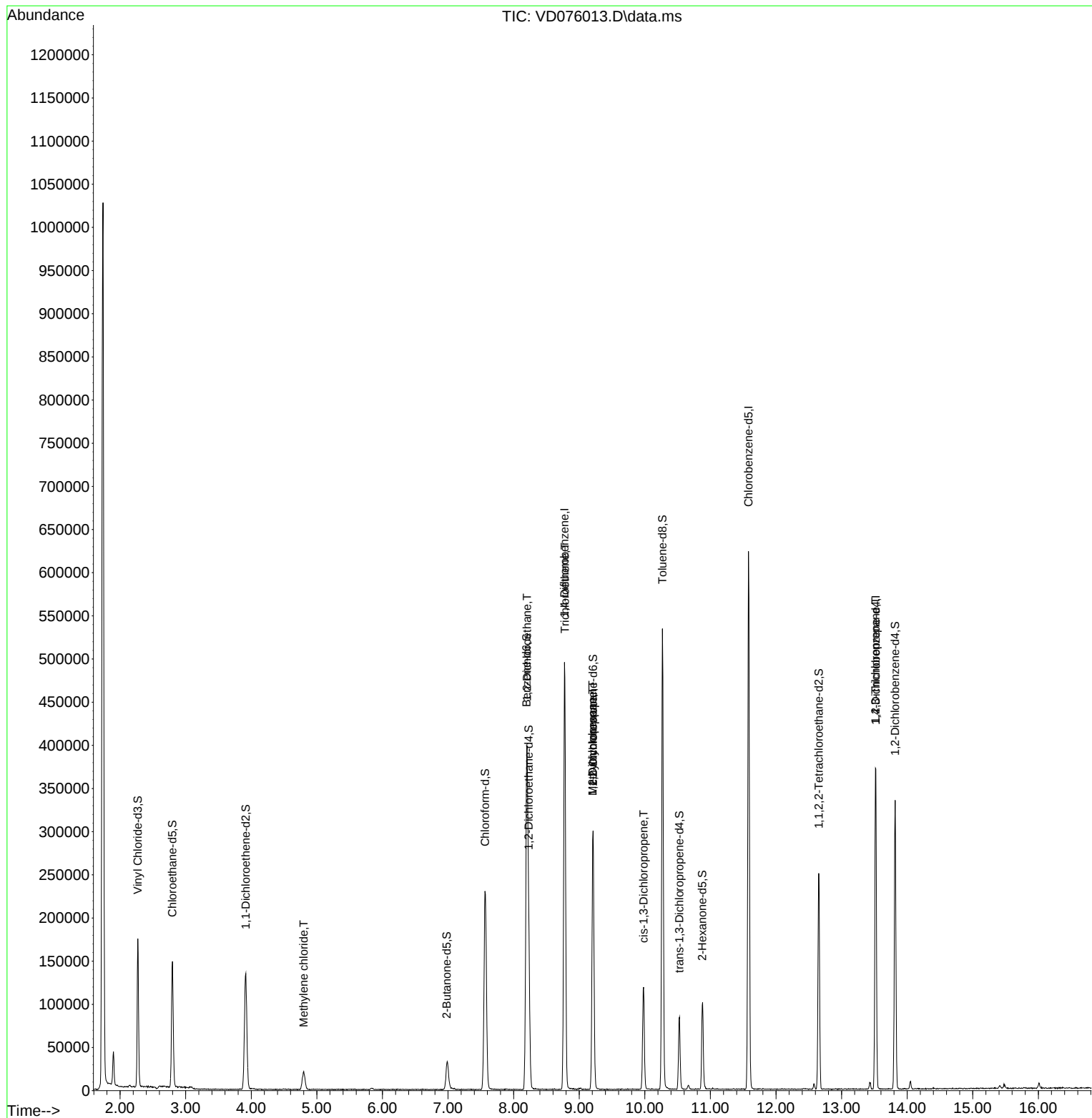
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	480338	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	393876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	115081	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	152973	14.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.080%
7) Chloroethane-d5	2.799	69	158757	17.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.760%
11) 1,1-Dichloroethene-d2	3.917	65	37709	15.522	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.080%
21) 2-Butanone-d5	6.981	46	54143	59.187	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.380%
24) Chloroform-d	7.563	84	257667	21.451	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	8.228	65	114752	22.371	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.480%
32) Benzene-d6	8.199	84	461501	20.103	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	9.210	67	164395	25.872	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.480%
41) Toluene-d8	10.269	98	386943	18.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	10.528	79	50577	19.257	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.040%
47) 2-Hexanone-d5	10.875	63	36808	48.109	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	133605	27.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	100555	24.703	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	17901	1.837	ug/L	90
27) 1,2-Dichloroethane	8.205	62	1985	0.331	ug/L #	68
34) Trichloroethene	8.781	95	11820	1.918	ug/L #	2
35) Methylcyclohexane	9.205	83	38029	4.003	ug/L #	24
37) 1,2-Dichloropropane	9.205	63	16318	2.982	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3001	0.345	ug/L #	81
61) 1,2,3-Trichloropropane	13.516	75	12781	7.070	ug/L #	60

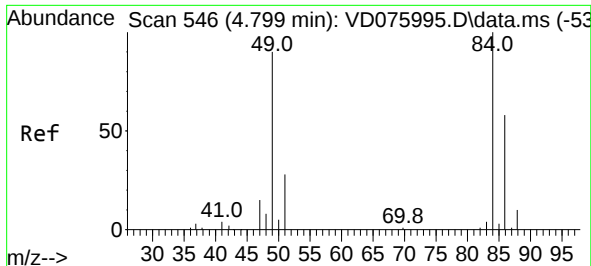
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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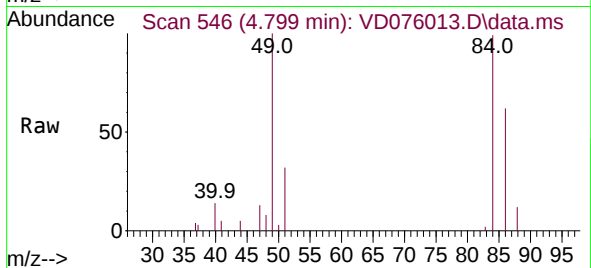
Quant Time: May 05 00:51:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
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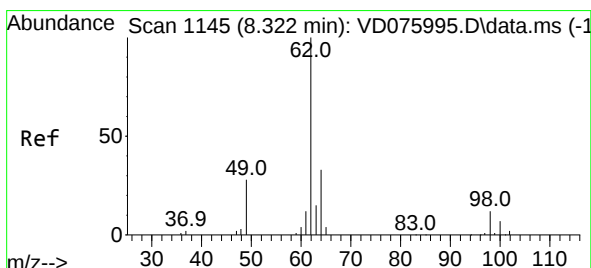
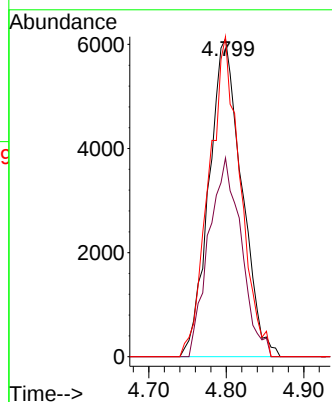
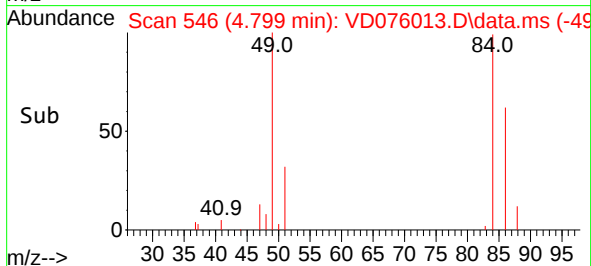


#16
Methylene chloride
Concen: 1.837 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076013.D
Acq: 04 May 2023 19:28

Instrument :
MSVOA_D
ClientSampleId :

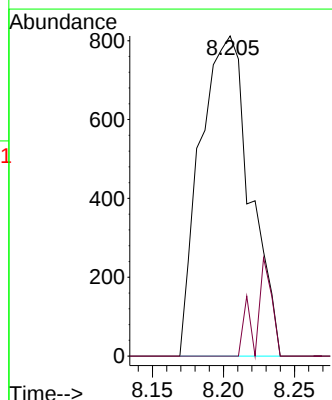
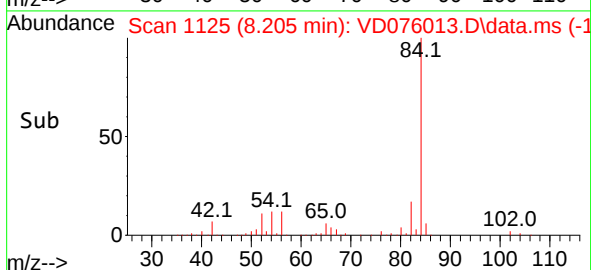
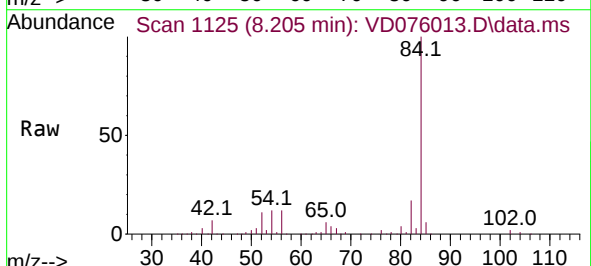


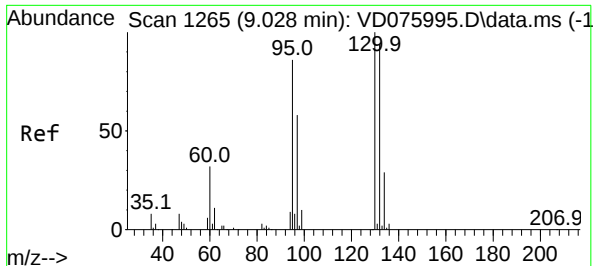
Tgt Ion: 84 Resp: 17901
Ion Ratio Lower Upper
84 100
86 62.5 45.8 85.2
49 100.6 60.8 112.8



#27
1,2-Dichloroethane
Concen: 0.331 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.118 min
Lab File: VD076013.D
Acq: 04 May 2023 19:28

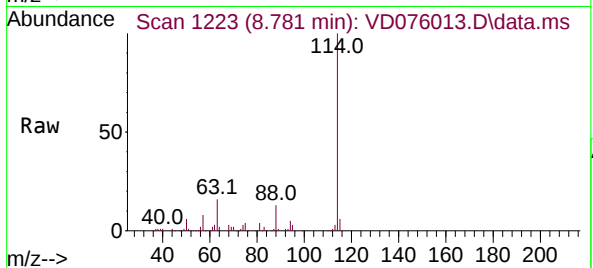
Tgt Ion: 62 Resp: 1985
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



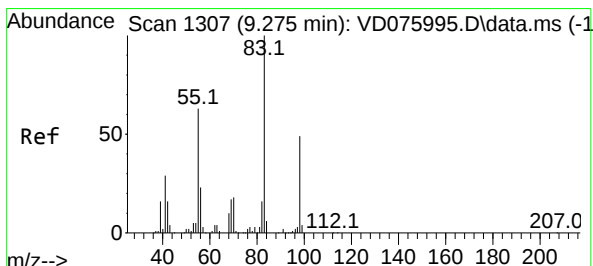
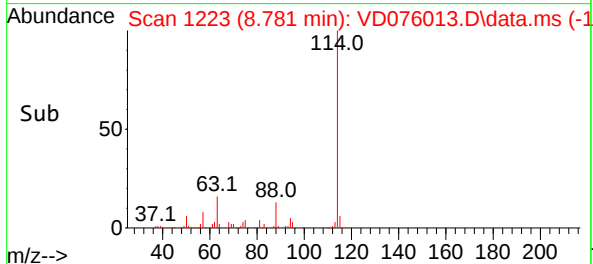
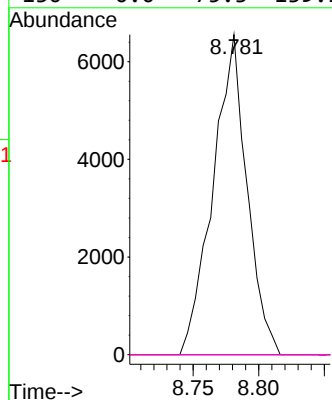


#34
Trichloroethene
Concen: 1.918 ug/L
RT: 8.781 min Scan# 11820
Delta R.T. -0.247 min
Lab File: VD076013.D
Acq: 04 May 2023 19:28

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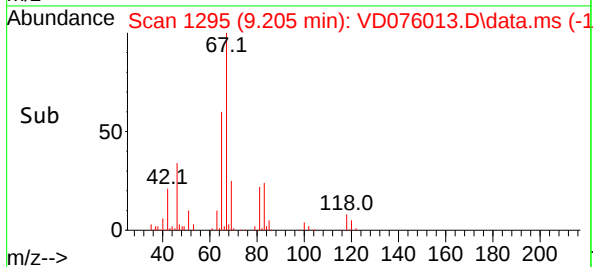
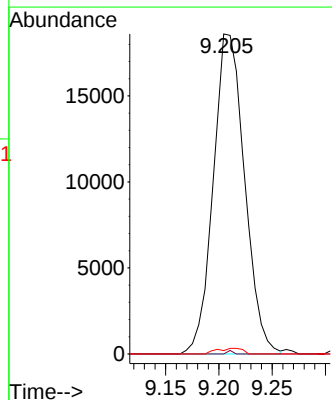
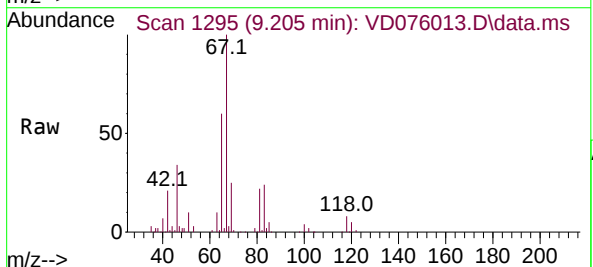


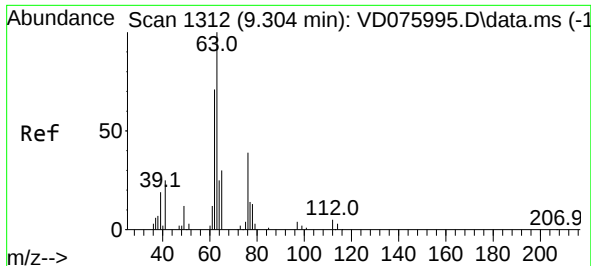
Tgt Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
Methylcyclohexane
Concen: 4.003 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.070 min
Lab File: VD076013.D
Acq: 04 May 2023 19:28

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.6	40.8	61.2#

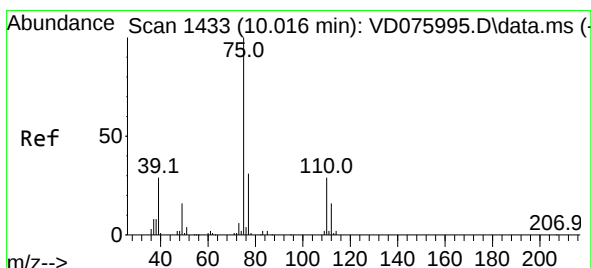
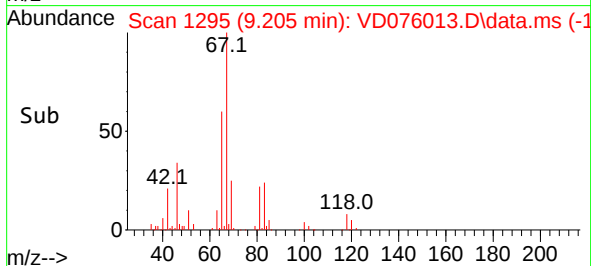
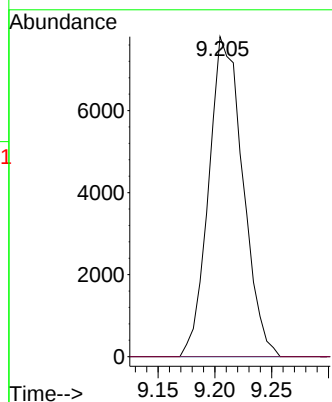
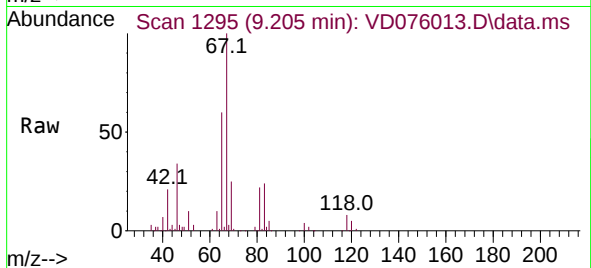




#37
1,2-Dichloropropane
Concen: 2.982 ug/L
RT: 9.205 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076013.D
Acq: 04 May 2023 19:28

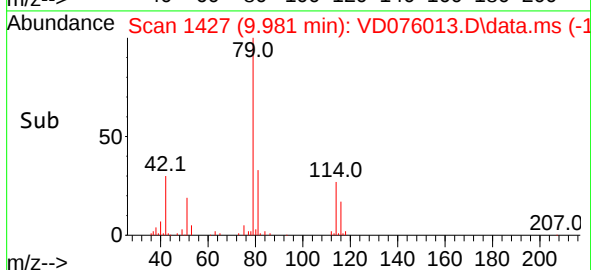
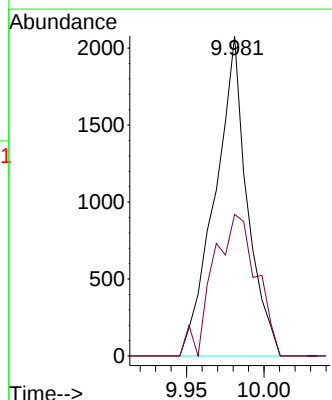
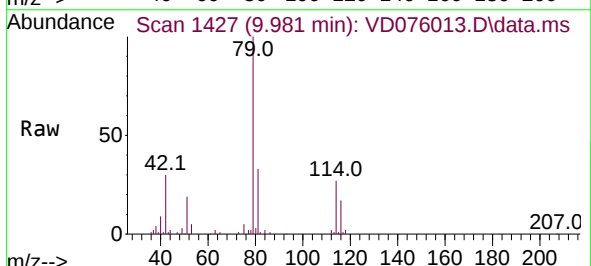
Instrument :
MSVOA_D
ClientSampleId :

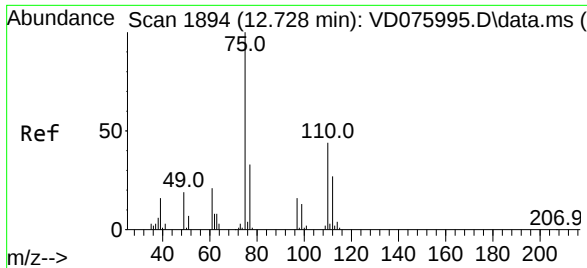
Tgt Ion: 63 Resp: 16318
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.345 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076013.D
Acq: 04 May 2023 19:28

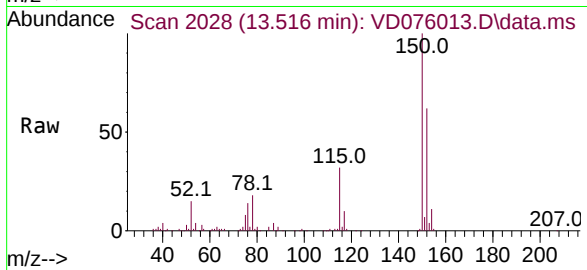
Tgt Ion: 75 Resp: 3001
Ion Ratio Lower Upper
75 100
77 44.3 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.070 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD076013.D
 Acq: 04 May 2023 19:28

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	12781
Ion	Ratio	Lower Upper
75	100	
77	25.0	26.6 39.8#
110	3.6	33.5 50.3#

