

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076002.D
 Acq On : 04 May 2023 14:05
 Operator : KP/SY
 Sample : 02589-07
 Misc : 4.56G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:49:32 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)

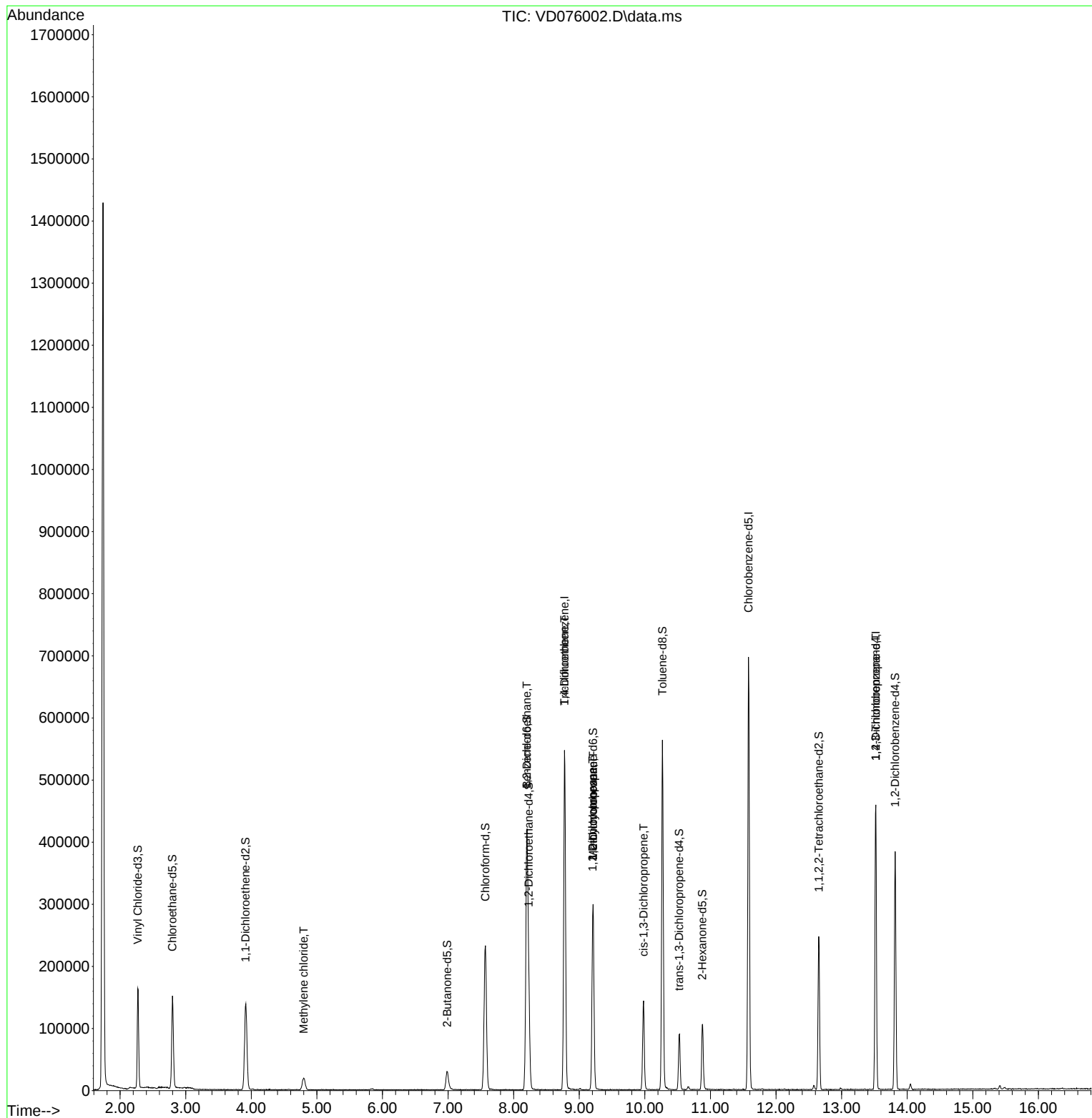
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	526982	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	441049	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	136138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	155081	13.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.640%
7) Chloroethane-d5	2.799	69	157492	15.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.080%
11) 1,1-Dichloroethene-d2	3.911	65	39146	14.687	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.760%
21) 2-Butanone-d5	6.987	46	51565	51.380	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.760%
24) Chloroform-d	7.569	84	261265	19.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.320%
26) 1,2-Dichloroethane-d4	8.228	65	114303	20.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.240%
32) Benzene-d6	8.199	84	476016	18.517	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.080%
36) 1,2-Dichloropropane-d6	9.210	67	162092	22.781	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	10.269	98	412141	17.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.520%
43) trans-1,3-Dichloroprop...	10.522	79	55315	18.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.240%
47) 2-Hexanone-d5	10.875	63	40142	46.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	129212	23.732	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	112965	23.459	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	16806	1.572	ug/L	96
27) 1,2-Dichloroethane	8.199	62	2067	0.314	ug/L #	68
34) Trichloroethene	8.775	95	12839	1.861	ug/L #	2
35) Methylcyclohexane	9.210	83	38600	3.629	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	16385	2.674	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3598	0.369	ug/L #	59
61) 1,2,3-Trichloropropane	13.522	75	15377	7.190	ug/L #	63

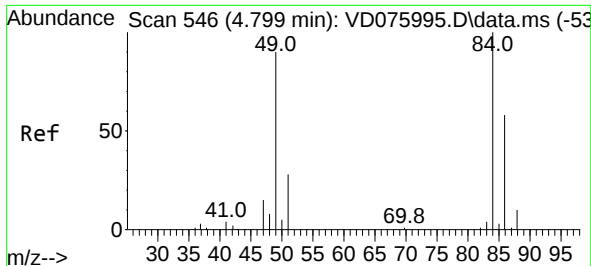
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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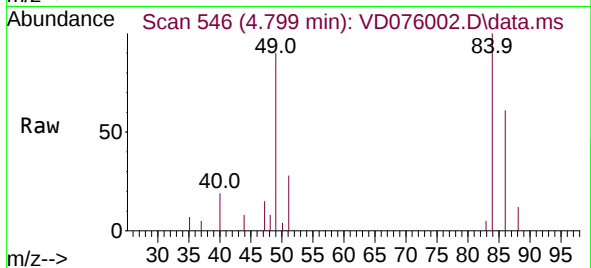
Quant Time: May 05 00:49:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
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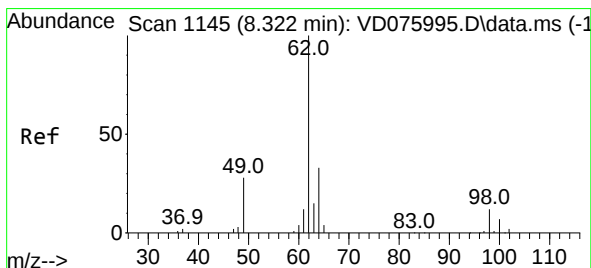
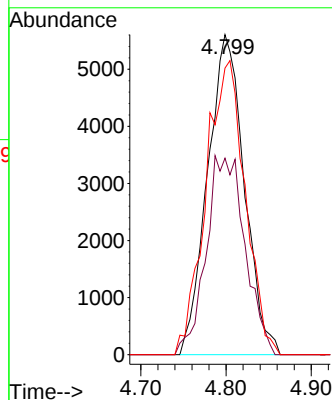
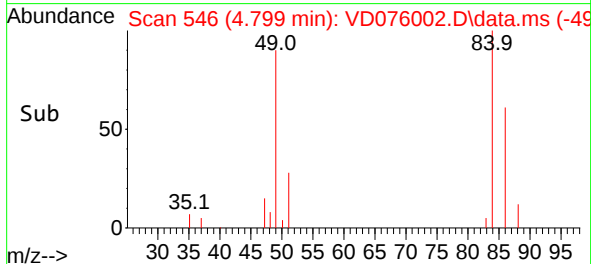


#16
Methylene chloride
Concen: 1.572 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076002.D
Acq: 04 May 2023 14:05

Instrument :
MSVOA_D
ClientSampleId :

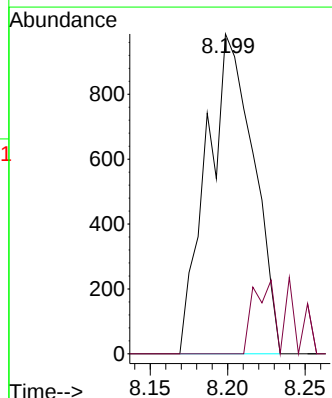
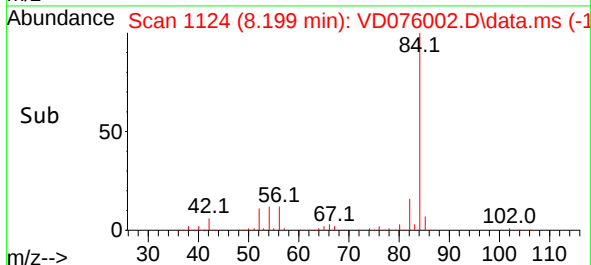
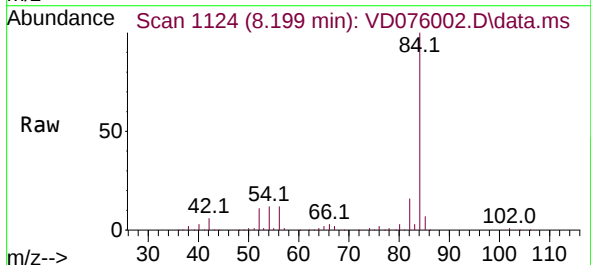


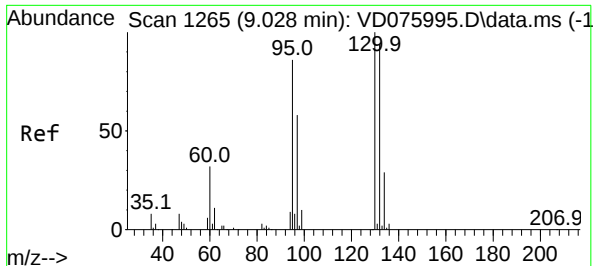
Tgt Ion: 84 Resp: 16806
Ion Ratio Lower Upper
84 100
86 61.4 45.8 85.2
49 89.5 60.8 112.8



#27
1,2-Dichloroethane
Concen: 0.314 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.124 min
Lab File: VD076002.D
Acq: 04 May 2023 14:05

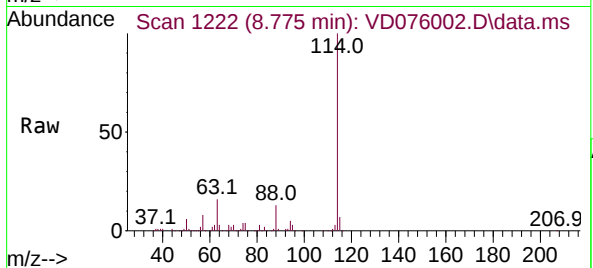
Tgt Ion: 62 Resp: 2067
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



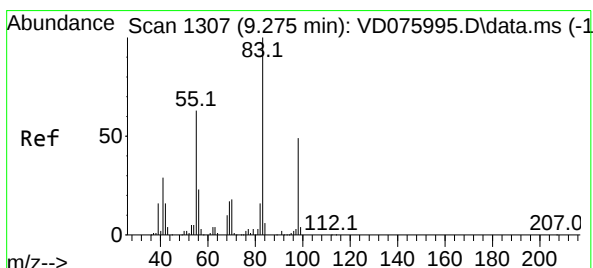
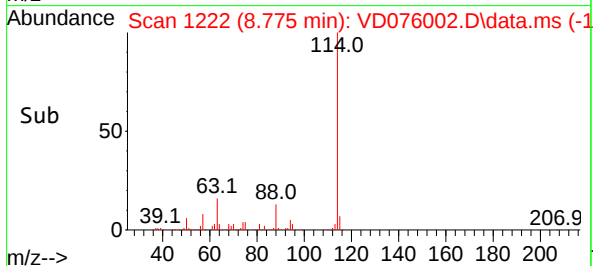
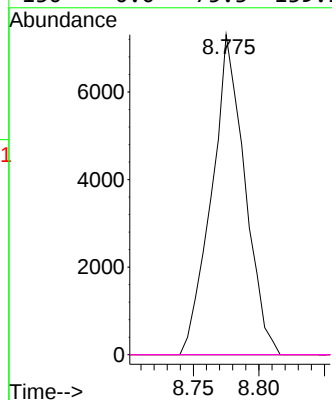


#34
 Trichloroethene
 Concen: 1.861 ug/L
 RT: 8.775 min Scan# 12839
 Delta R.T. -0.253 min
 Lab File: VD076002.D
 Acq: 04 May 2023 14:05

Instrument :
 MSVOA_D
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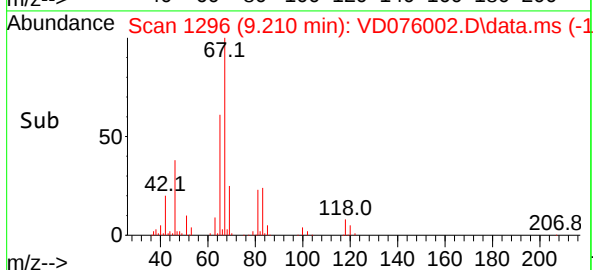
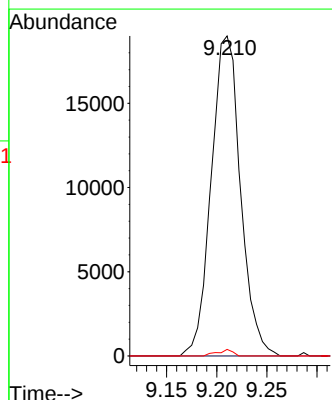
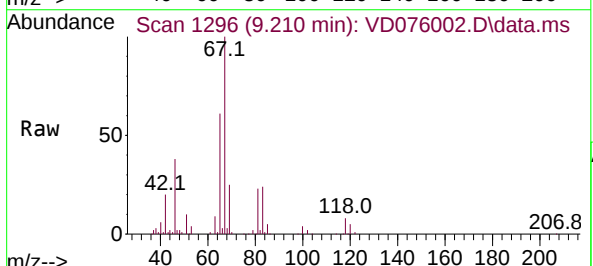


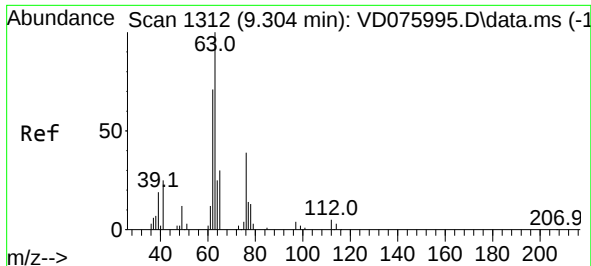
Tgt Ion:	95	Resp:	12839
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
 Methylcyclohexane
 Concen: 3.629 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.065 min
 Lab File: VD076002.D
 Acq: 04 May 2023 14:05

Tgt Ion:	83	Resp:	38600
Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.6	40.8	61.2#

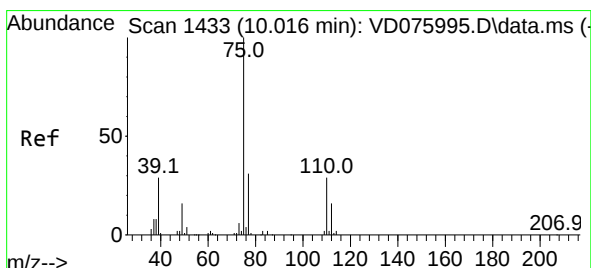
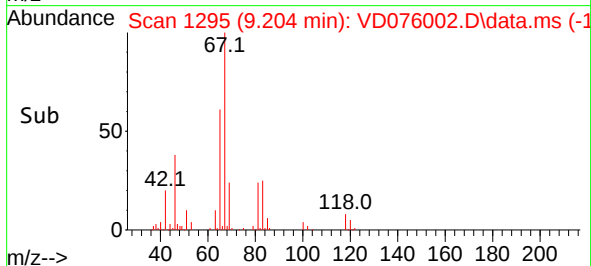
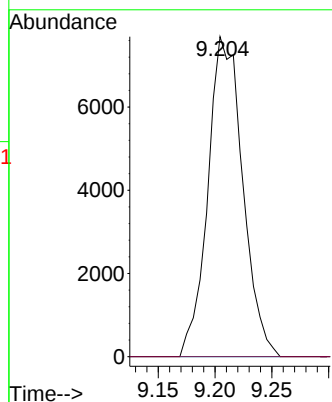
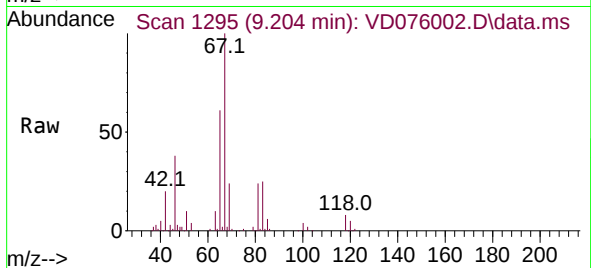




#37
1,2-Dichloropropane
Concen: 2.674 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD076002.D
Acq: 04 May 2023 14:05

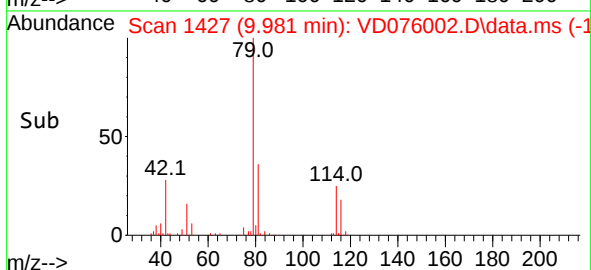
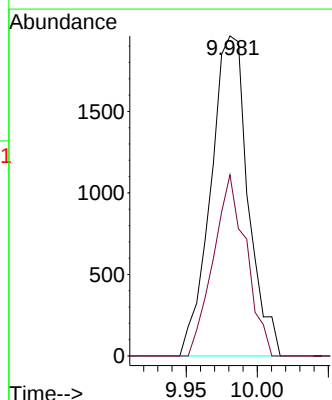
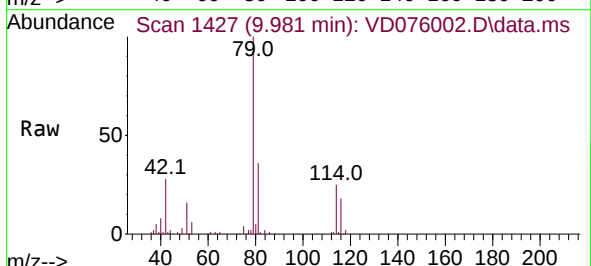
Instrument :
MSVOA_D
ClientSampleId :

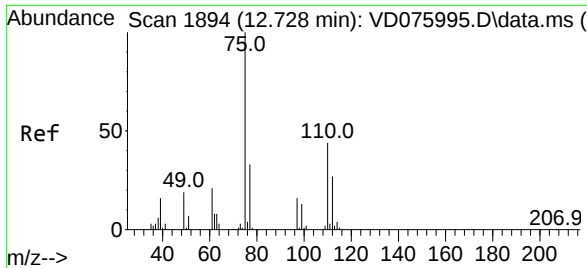
Tgt Ion: 63 Resp: 16385
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.369 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD076002.D
Acq: 04 May 2023 14:05

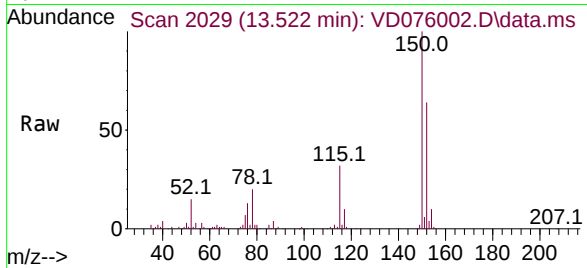
Tgt Ion: 75 Resp: 3598
Ion Ratio Lower Upper
75 100
77 56.6 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.190 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD076002.D
 Acq: 04 May 2023 14:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	15377
Ion	Ratio	Lower Upper
75	100	
77	31.6	26.6 39.8
110	1.2	33.5 50.3#

