

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076004.D
 Acq On : 04 May 2023 15:03
 Operator : KP/SY
 Sample : 02589-05
 Misc : 4.69G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:49:58 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)

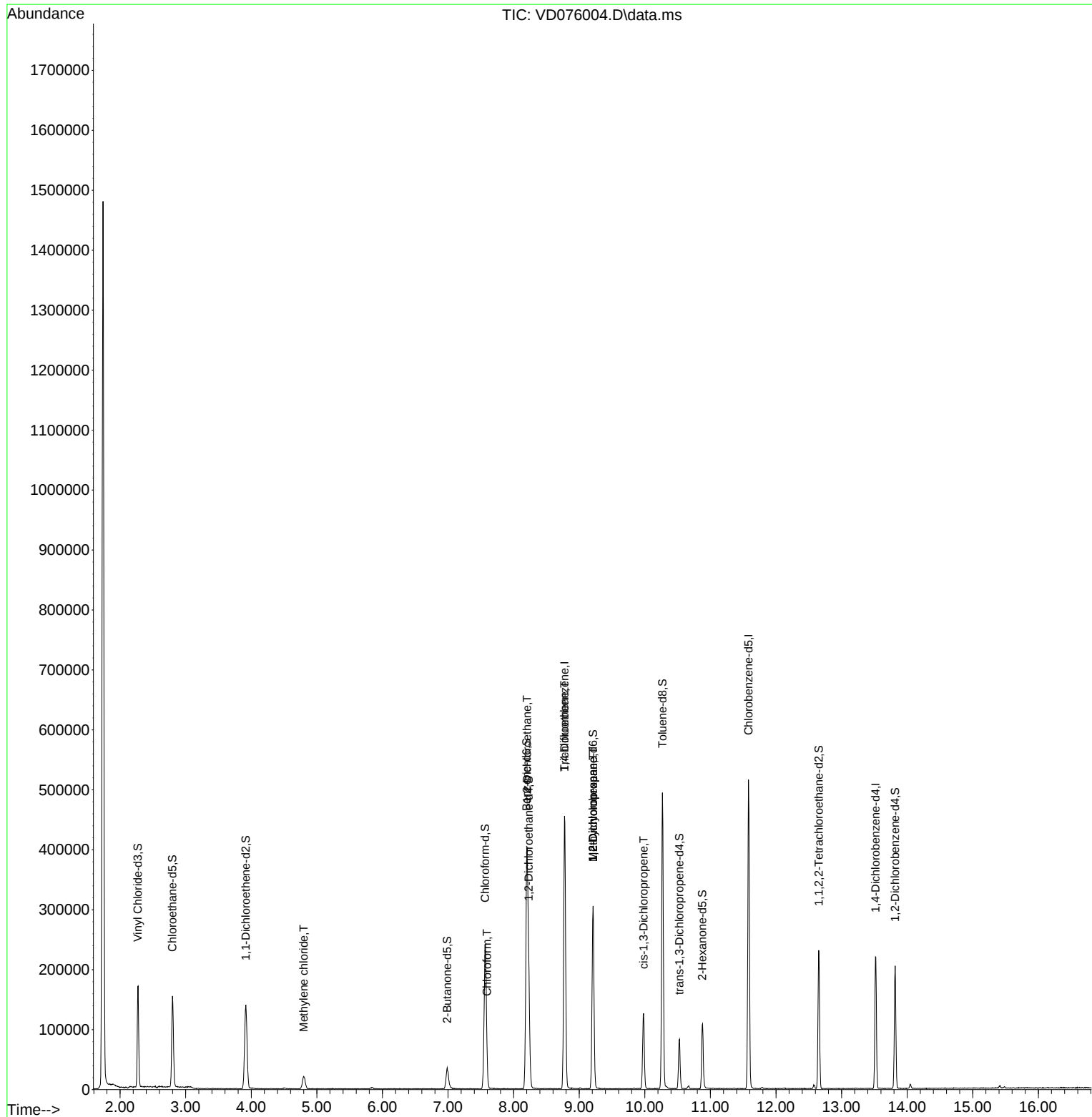
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	447245	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	321517	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	68394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	162593	16.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.280%
7) Chloroethane-d5	2.799	69	164011	19.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	3.917	65	38464	17.004	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.000%
21) 2-Butanone-d5	6.987	46	56776	66.658	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.320%
24) Chloroform-d	7.563	84	259107	23.167	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	8.228	65	121590	25.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.840%
32) Benzene-d6	8.199	84	460285	24.562	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.240%
36) 1,2-Dichloropropane-d6	9.210	67	158621	30.581	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.320%#
41) Toluene-d8	10.269	98	361944	20.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.520%
43) trans-1,3-Dichloroprop...	10.528	79	50449	23.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.875	63	40401	64.690	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.380%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	122194	30.786	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.160%#
66) 1,2-Dichlorobenzene-d4	13.816	152	60308	24.929	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.720%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	12812	1.412	ug/L	91
25) Chloroform	7.593	83	3121	0.288	ug/L	89
27) 1,2-Dichloroethane	8.205	62	2228	0.399	ug/L #	68
34) Trichloroethene	8.775	95	11067	2.200	ug/L #	2
35) Methylcyclohexane	9.210	83	37770	4.871	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	16231	3.633	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2995	0.422	ug/L #	73

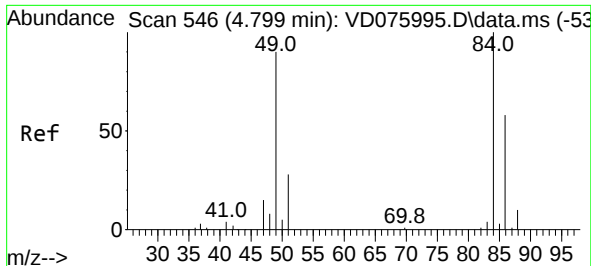
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
Response via : Initial Calibration

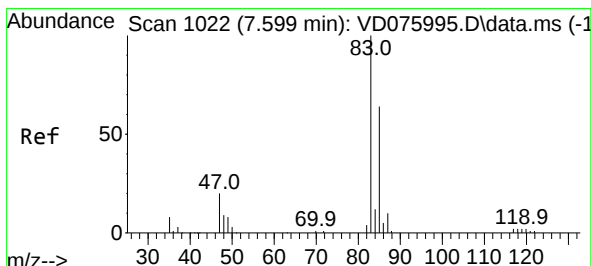
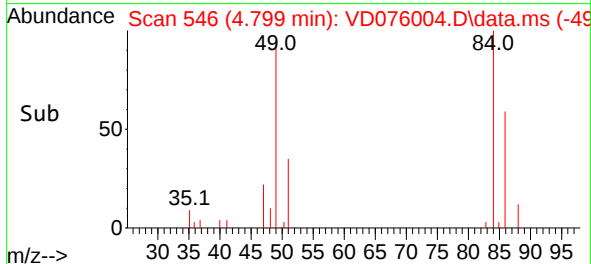
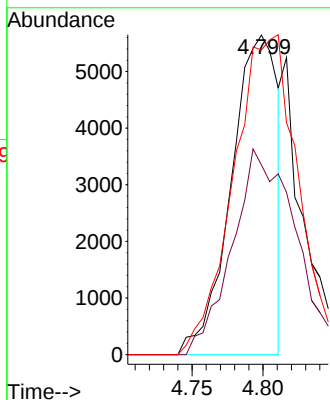
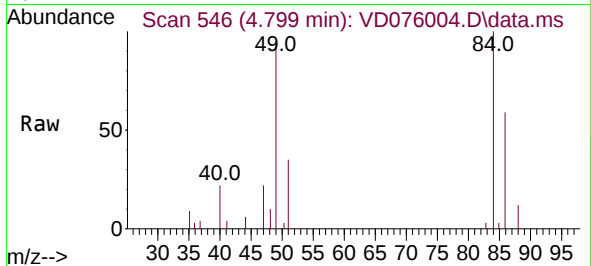




#16
Methylene chloride
Concen: 1.412 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD076004.D
Acq: 04 May 2023 15:03

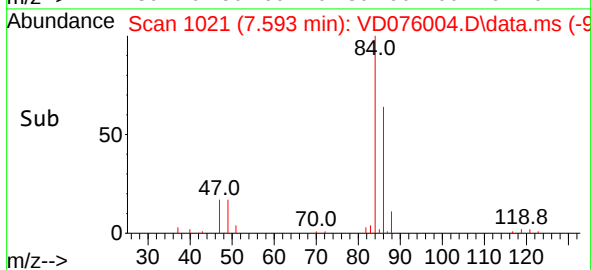
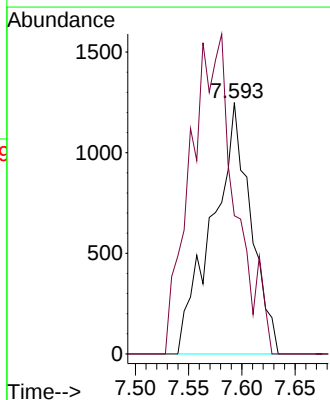
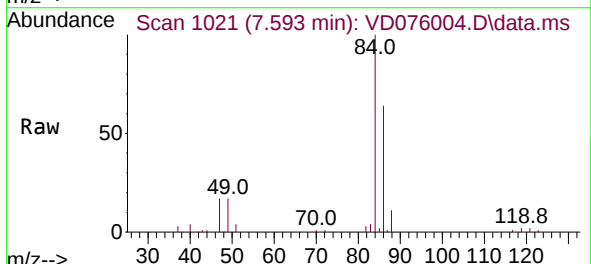
Instrument :
MSVOA_D
ClientSampleId :

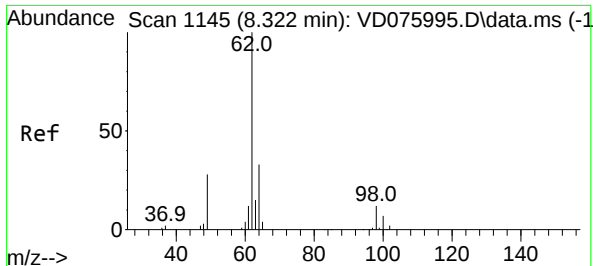
Tgt Ion: 84 Resp: 12812
Ion Ratio Lower Upper
84 100
86 59.4 45.8 85.2
49 95.3 60.8 112.8



#25
Chloroform
Concen: 0.288 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD076004.D
Acq: 04 May 2023 15:03

Tgt Ion: 83 Resp: 3121
Ion Ratio Lower Upper
83 100
85 55.0 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.399 ug/L

RT: 8.205 min Scan# 1125

Delta R.T. -0.118 min

Lab File: VD076004.D

Acq: 04 May 2023 15:03

Instrument :

MSVOA_D

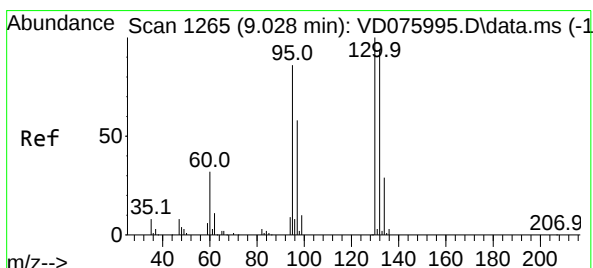
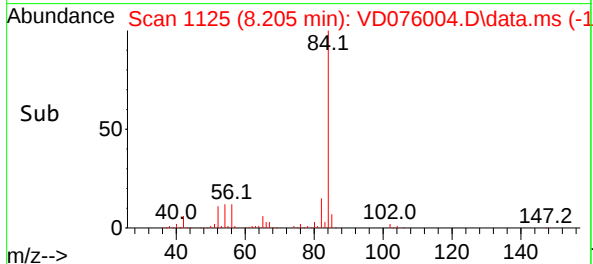
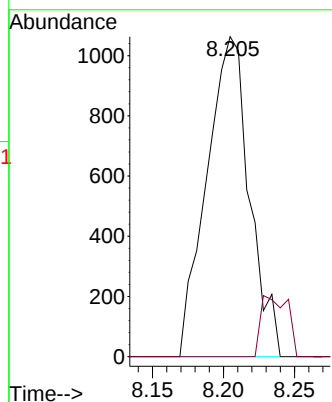
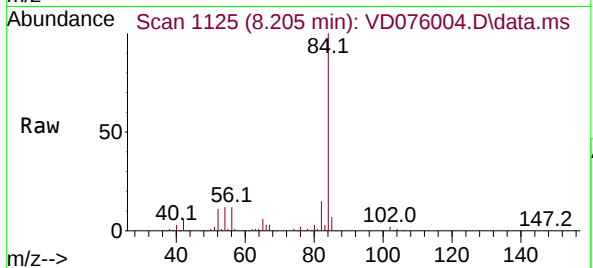
ClientSampleId :

Tgt Ion: 62 Resp: 2228

Ion Ratio Lower Upper

62 100

98 0.0 10.2 15.2#



#34

Trichloroethene

Concen: 2.200 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD076004.D

Acq: 04 May 2023 15:03

Tgt Ion: 95 Resp: 11067

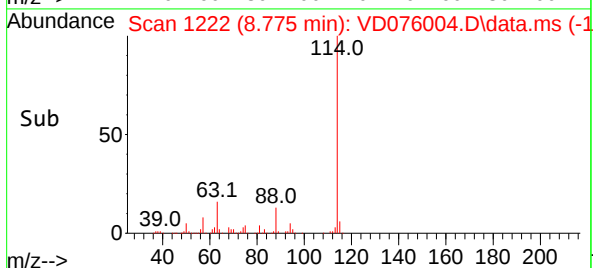
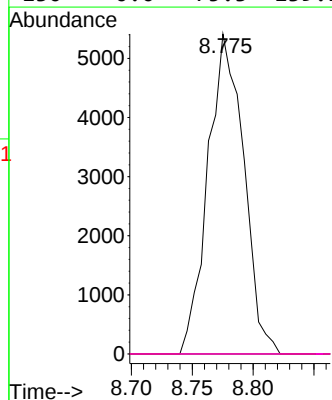
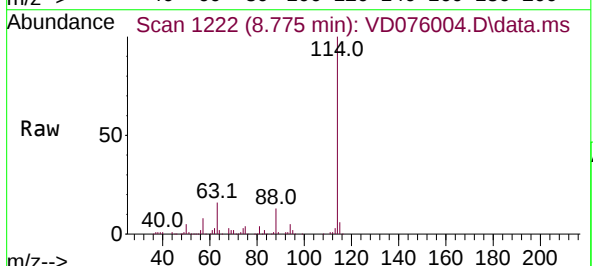
Ion Ratio Lower Upper

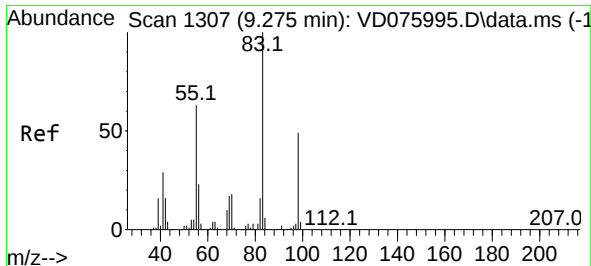
95 100

97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

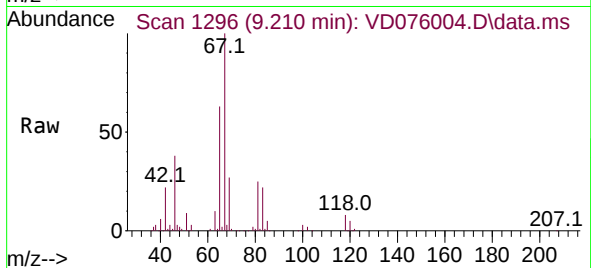
130 0.0 75.3 139.9#



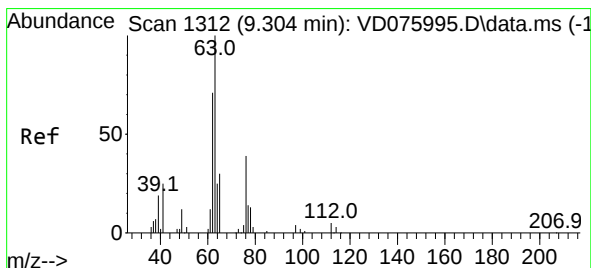
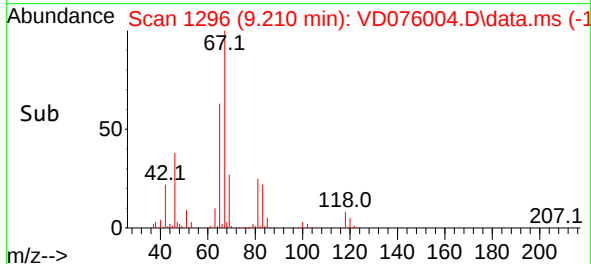
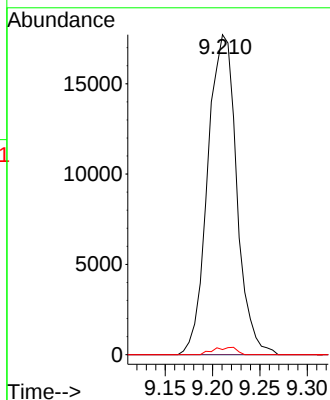


#35
Methylcyclohexane
Concen: 4.871 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD076004.D
Acq: 04 May 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :

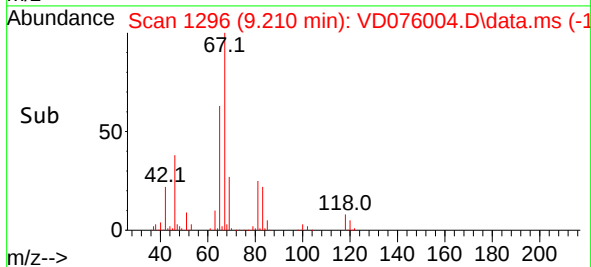
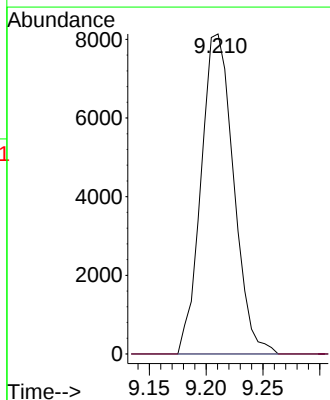
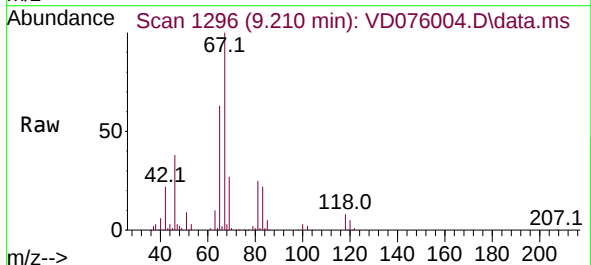


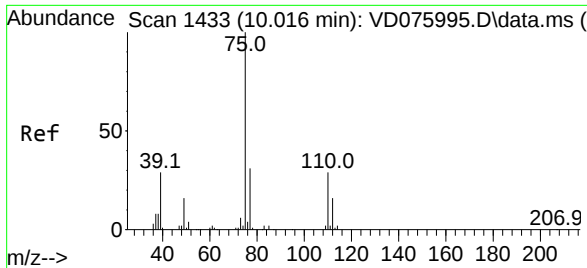
Tgt Ion: 83 Resp: 37770
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 0.9 40.8 61.2#



#37
1,2-Dichloropropane
Concen: 3.633 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076004.D
Acq: 04 May 2023 15:03

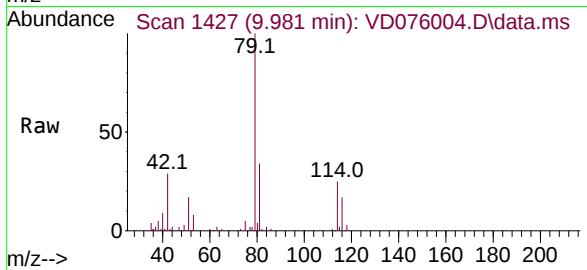
Tgt Ion: 63 Resp: 16231
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39
 cis-1,3-Dichloropropene
 Concen: 0.422 ug/L
 RT: 9.981 min Scan# 14
 Delta R.T. -0.035 min
 Lab File: VD076004.D
 Acq: 04 May 2023 15:03

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 2995
 Ion Ratio Lower Upper
 75 100
 77 49.0 23.4 43.6#

