

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020224\
 Data File : VD078330.D
 Acq On : 02 Feb 2024 17:00
 Operator : RP/MD
 Sample : P1329-16
 Misc : 5.32G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0FR7

Quant Time: Feb 03 00:23:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Feb 03 00:20:19 2024
 Response via : Initial Calibration

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

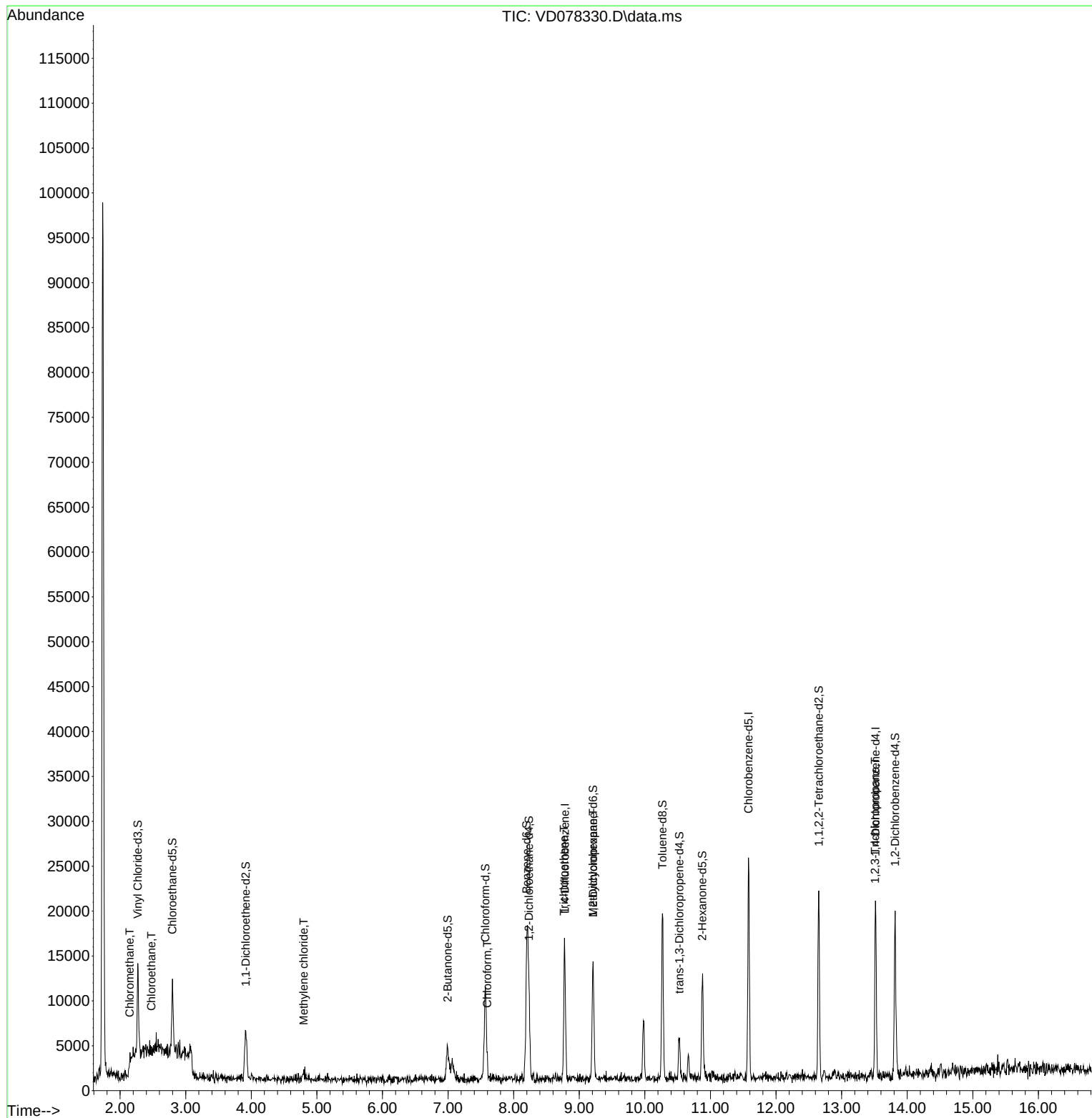
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	12822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	13877	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	5379	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	8305	22.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.320%
7) Chloroethane-d5	2.799	69	7243	23.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	3.916	65	459	5.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	23.360%#
21) 2-Butanone-d5	6.993	46	6709	125.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	250.520%#
24) Chloroform-d	7.569	84	10287	28.139	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.560%
26) 1,2-Dichloroethane-d4	8.234	65	7615	38.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	154.400%#
32) Benzene-d6	8.199	84	17345	21.376	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	9.210	67	6542	26.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.760%
41) Toluene-d8	10.269	98	13679	18.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.080%
43) trans-1,3-Dichloroprop...	10.528	79	2992	26.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.280%
47) 2-Hexanone-d5	10.875	63	4017	79.258	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.520%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	10629	45.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	183.160%#
66) 1,2-Dichlorobenzene-d4	13.816	152	4305	22.356	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	126	0.343	ug/L #	42
8) Chloroethane	2.475	64	141	0.487	ug/L #	42
16) Methylene chloride	4.799	84	412	1.638	ug/L #	67
25) Chloroform	7.599	83	173	0.442	ug/L	82
34) Trichloroethene	8.769	95	320	1.355	ug/L #	3
35) Methylcyclohexane	9.210	83	1477	3.997	ug/L #	20
61) 1,2,3-Trichloropropane	13.510	75	636	4.635	ug/L #	59

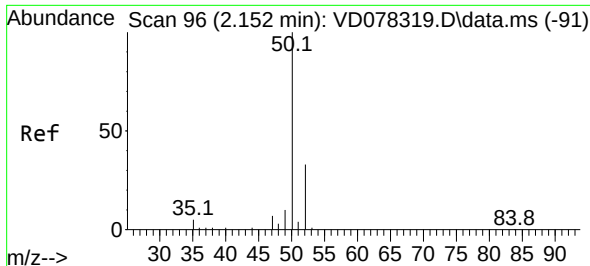
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 00:23:06 2024
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Quant Title : SFAM01.0
QLast Update : Sat Feb 03 00:20:19 2024
Response via : Initial Calibration

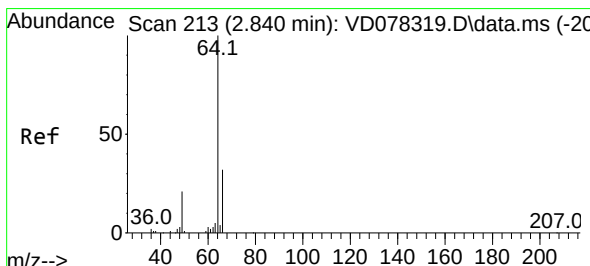
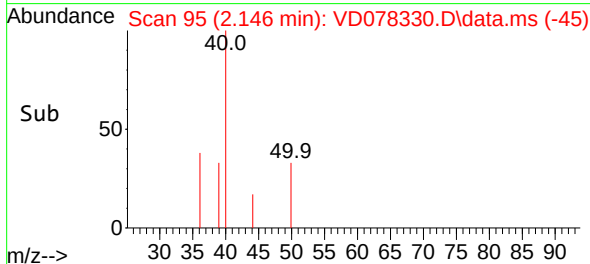
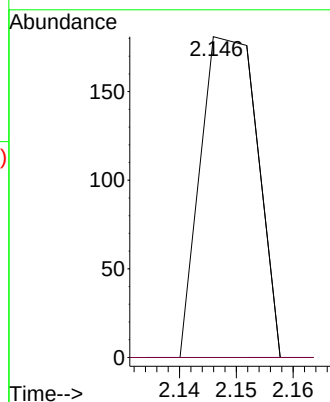
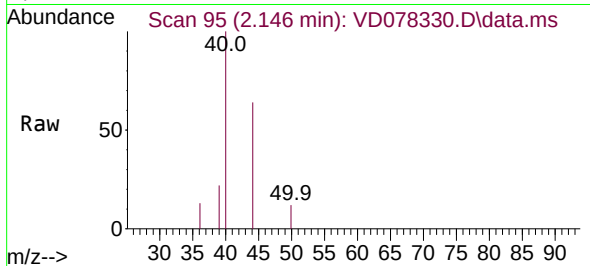




#3
Chloromethane
Concen: 0.343 ug/L
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078330.D
Acq: 02 Feb 2024 17:00

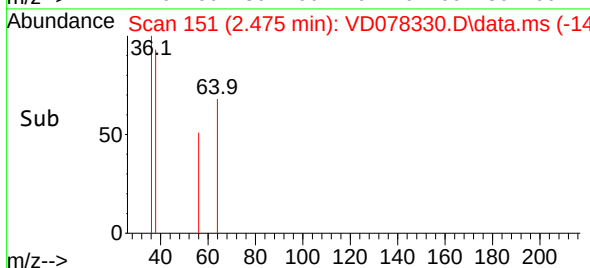
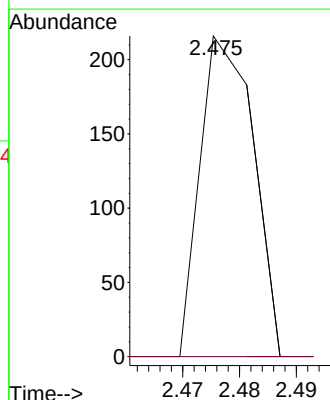
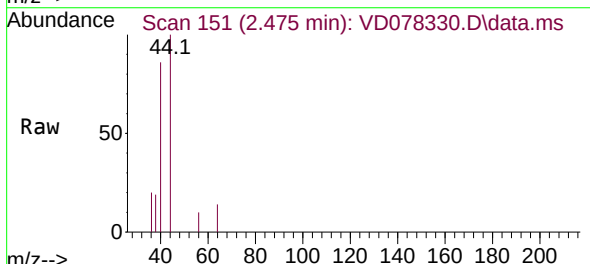
Instrument :
MSVOA_D
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C0FR7

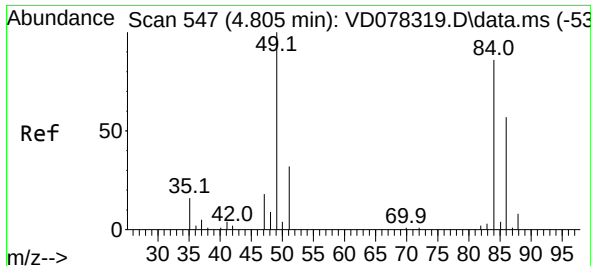
Tgt Ion: 50 Resp: 126
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.3#



#8
Chloroethane
Concen: 0.487 ug/L
RT: 2.475 min Scan# 151
Delta R.T. -0.365 min
Lab File: VD078330.D
Acq: 02 Feb 2024 17:00

Tgt Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 0.0 22.8 42.4#

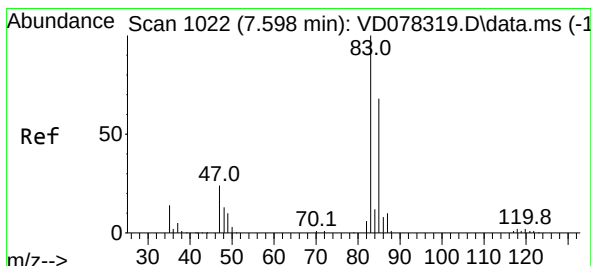
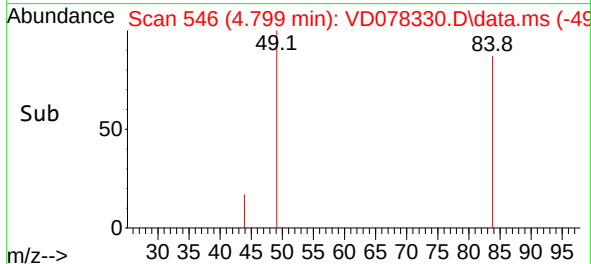
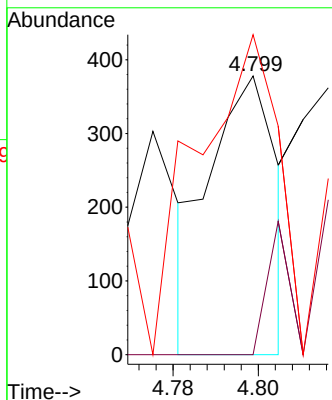
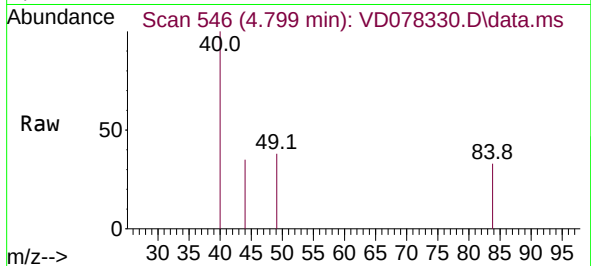




#16
Methylene chloride
Concen: 1.638 ug/L
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078330.D
Acq: 02 Feb 2024 17:00

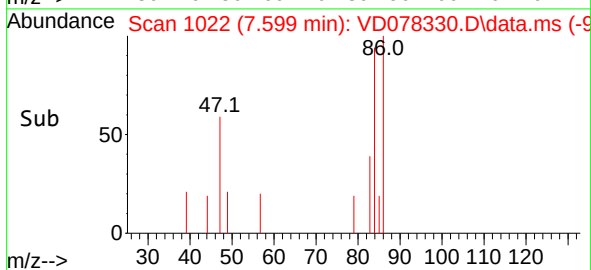
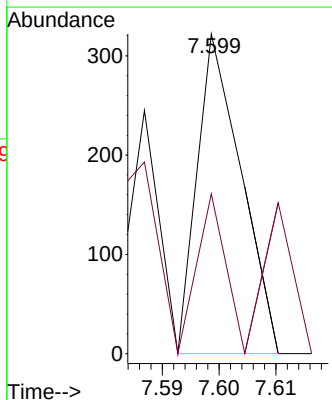
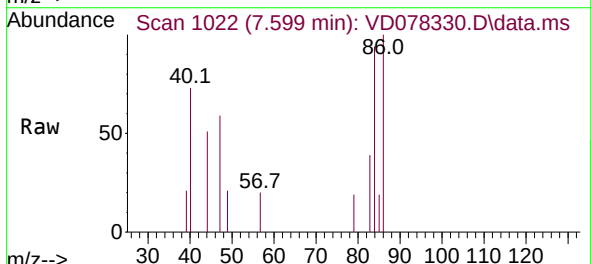
Instrument :
MSVOA_D
ClientSampleId :
C0FR7

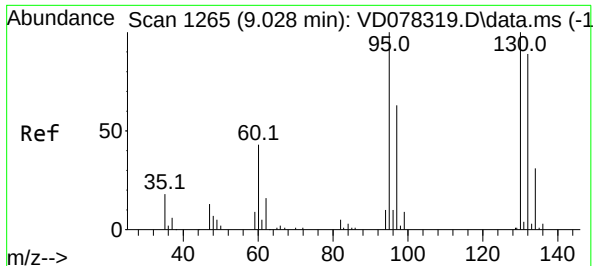
Tgt Ion: 84 Resp: 412
Ion Ratio Lower Upper
84 100
86 0.0 45.4 84.2#
49 114.8 77.3 143.7



#25
Chloroform
Concen: 0.442 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078330.D
Acq: 02 Feb 2024 17:00

Tgt Ion: 83 Resp: 173
Ion Ratio Lower Upper
83 100
85 50.0 44.9 83.3

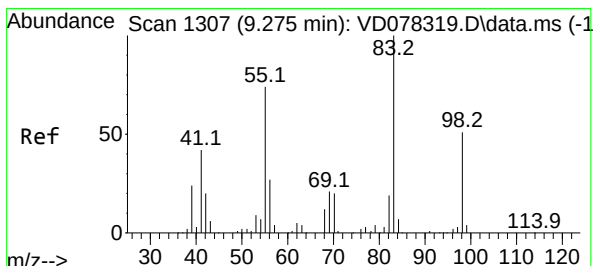
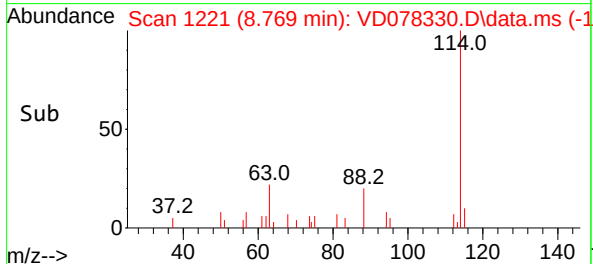
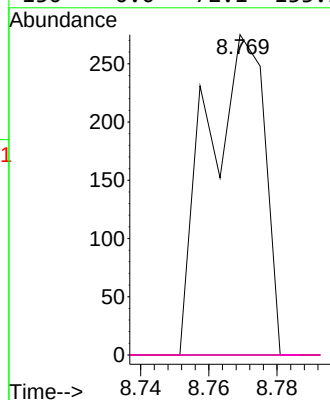
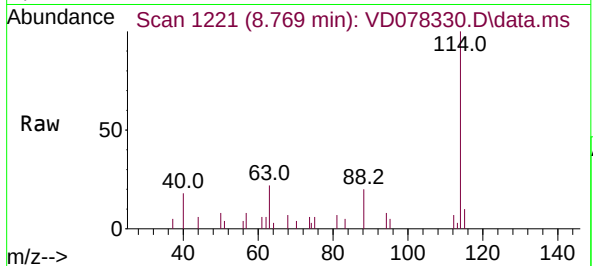




#34
Trichloroethene
Concen: 1.355 ug/L
RT: 8.769 min Scan# 1296
Delta R.T. -0.259 min
Lab File: VD078330.D
Acq: 02 Feb 2024 17:00

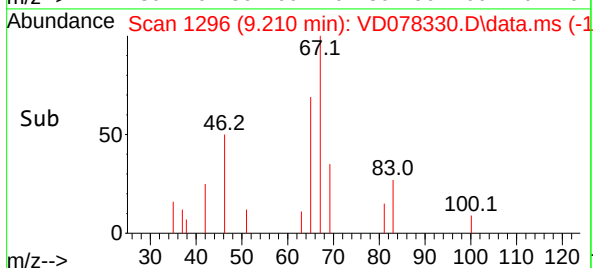
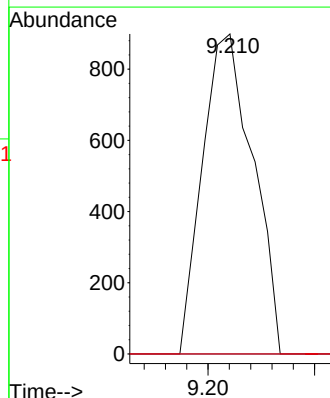
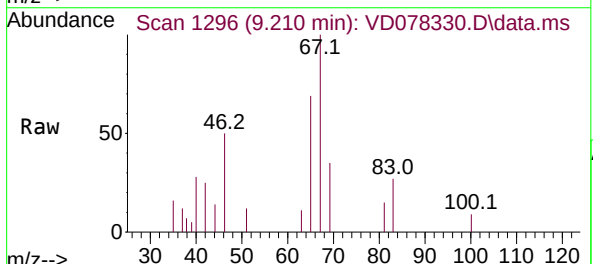
Instrument :
MSVOA_D
ClientSampleId :
C0FR7

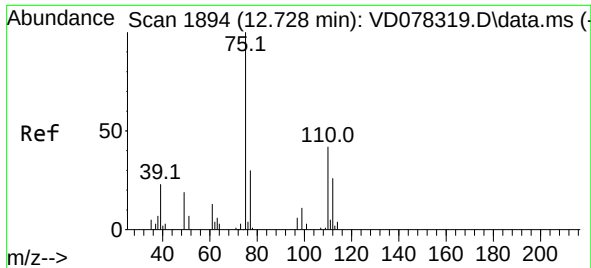
Tgt Ion:	95	Resp:	320
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.9	87.1#
132	0.0	73.7	136.9#
130	0.0	72.1	133.9#



#35
Methylcyclohexane
Concen: 3.997 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD078330.D
Acq: 02 Feb 2024 17:00

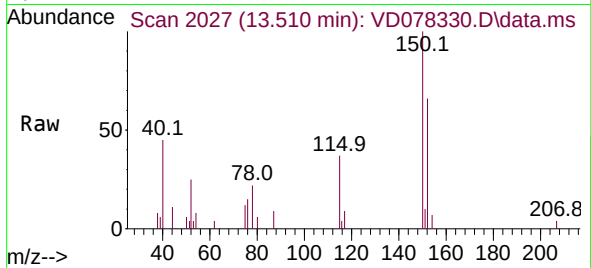
Tgt Ion:	83	Resp:	1477
Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.2	84.4#
98	0.0	41.2	61.8#





#61
1,2,3-Trichloropropane
Concen: 4.635 ug/L
RT: 13.510 min Scan# 20
Delta R.T. 0.782 min
Lab File: VD078330.D
Acq: 02 Feb 2024 17:00

Instrument :
MSVOA_D
ClientSampleId :
C0FR7



Tgt Ion: 75 Resp: 636
Ion Ratio Lower Upper
75 100
77 25.5 26.5 39.7#
110 0.0 31.8 47.8#

