

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078302.D
 Acq On : 01 Feb 2024 12:33
 Operator : RP/MD
 Sample : VD0201SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 02 00:38:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 02 00:36:57 2024
 Response via : Initial Calibration

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

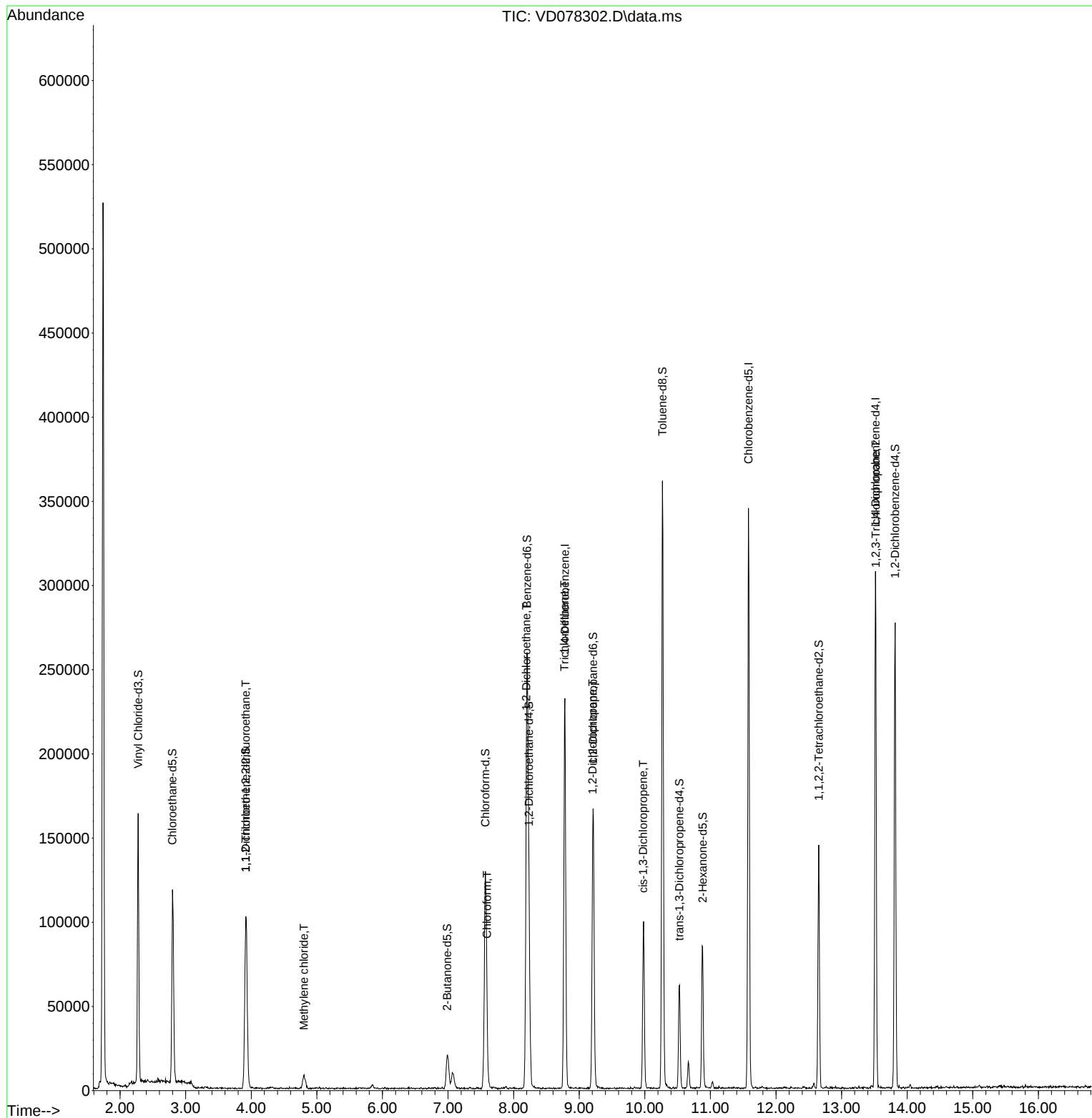
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	203812	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	190342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	78606	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	141581	24.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.920%
7) Chloroethane-d5	2.799	69	117021	24.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.320%
11) 1,1-Dichloroethene-d2	3.917	65	28941	23.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.720%
21) 2-Butanone-d5	6.987	46	36639	43.035	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.080%
24) Chloroform-d	7.569	84	128868	22.176	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.720%
26) 1,2-Dichloroethane-d4	8.234	65	71514	22.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	8.205	84	277561	24.939	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.760%
36) 1,2-Dichloropropane-d6	9.210	67	87523	25.544	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	10.269	98	248482	24.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.440%
43) trans-1,3-Dichloroprop...	10.528	79	36128	23.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.440%
47) 2-Hexanone-d5	10.881	63	30632	44.063	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.120%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70051	22.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	68709	24.416	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.680%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	801	0.251	ug/L #	22
16) Methylene chloride	4.805	84	5374	1.344	ug/L	84
25) Chloroform	7.593	83	4611	0.741	ug/L	91
27) 1,2-Dichloroethane	8.193	62	1368	0.342	ug/L #	69
34) Trichloroethene	8.775	95	5922	1.828	ug/L #	3
37) 1,2-Dichloropropane	9.204	63	8203	2.427	ug/L #	87
39) cis-1,3-Dichloropropene	9.975	75	2607	0.496	ug/L	85
61) 1,2,3-Trichloropropane	13.522	75	11066	5.519	ug/L #	63

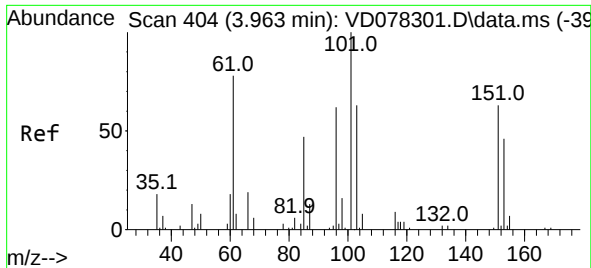
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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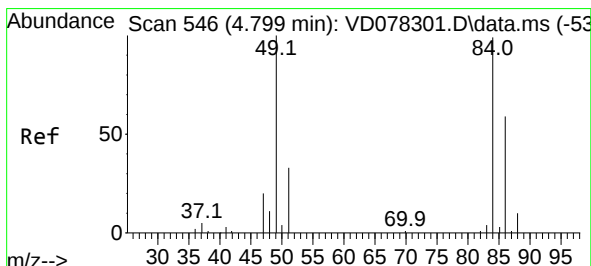
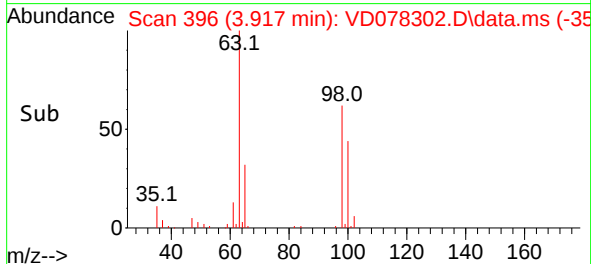
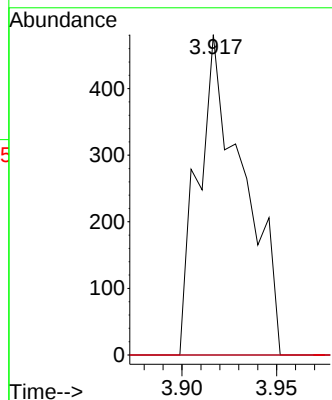
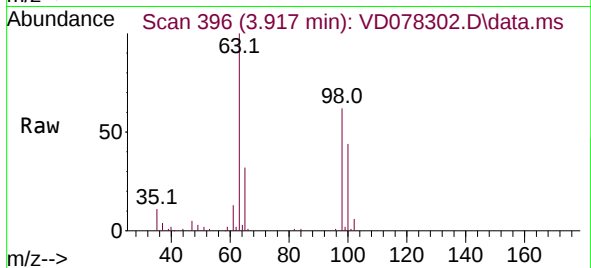




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.251 ug/L
RT: 3.917 min Scan# 396
Delta R.T. -0.047 min
Lab File: VD078302.D
Acq: 01 Feb 2024 12:33

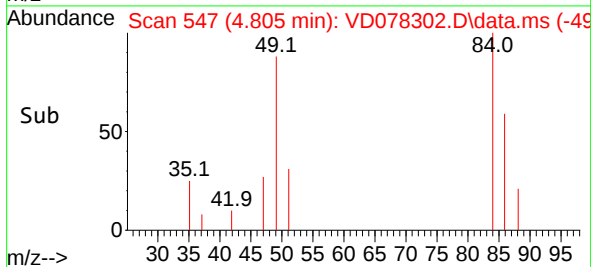
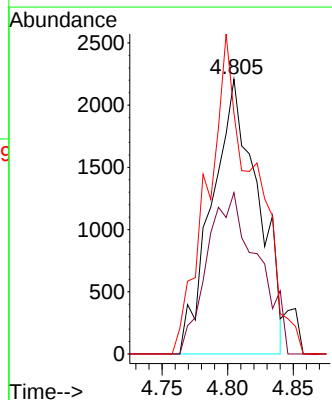
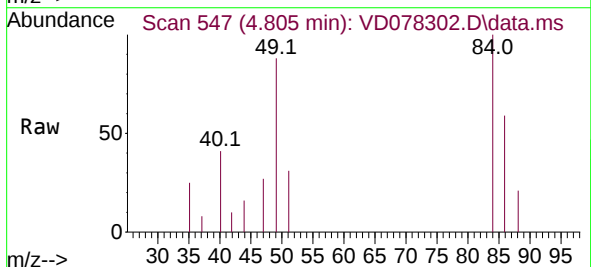
Instrument :
MSVOA_D
ClientSampleId :

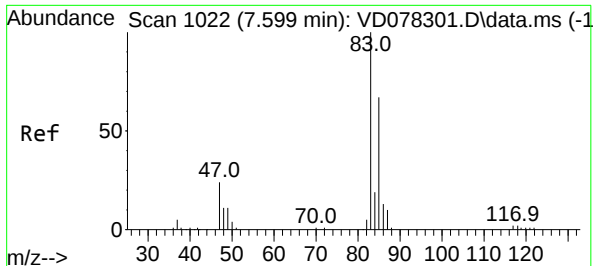
Tgt Ion:101 Resp: 801
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 54.6 81.8#



#16
Methylene chloride
Concen: 1.344 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078302.D
Acq: 01 Feb 2024 12:33

Tgt Ion: 84 Resp: 5374
Ion Ratio Lower Upper
84 100
86 58.7 45.4 84.2
49 87.6 77.3 143.7





#25

Chloroform

Concen: 0.741 ug/L

RT: 7.593 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VD078302.D

Acq: 01 Feb 2024 12:33

Instrument :

MSVOA_D

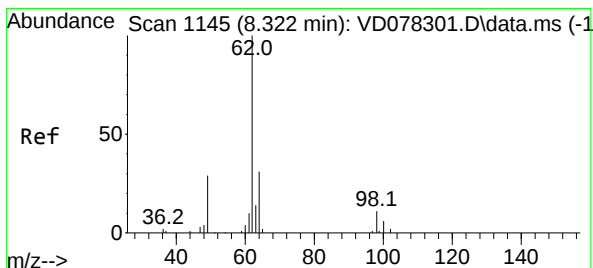
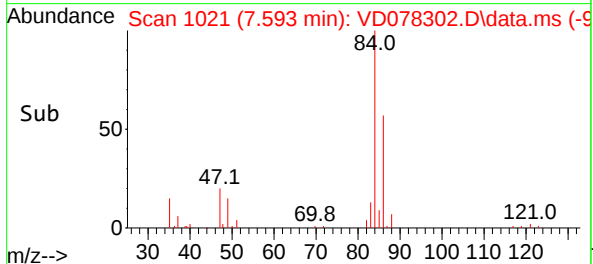
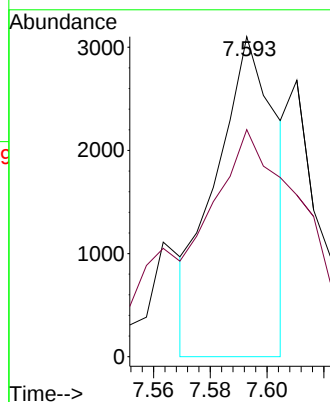
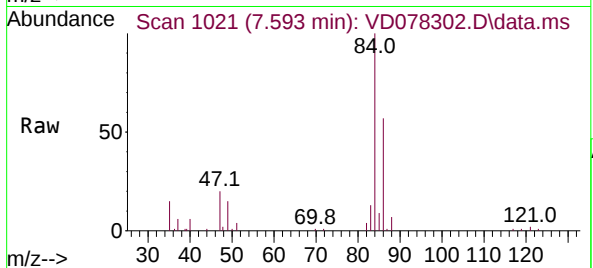
ClientSampleId :

Tgt Ion: 83 Resp: 4611

Ion Ratio Lower Upper

83 100

85 71.0 44.9 83.3



#27

1,2-Dichloroethane

Concen: 0.342 ug/L

RT: 8.193 min Scan# 1123

Delta R.T. -0.129 min

Lab File: VD078302.D

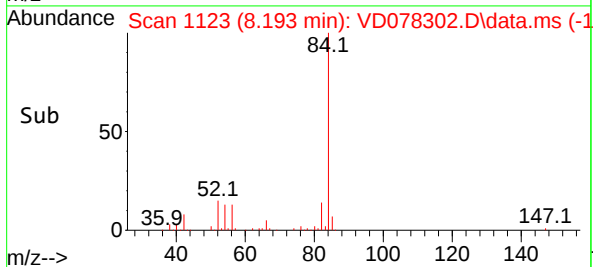
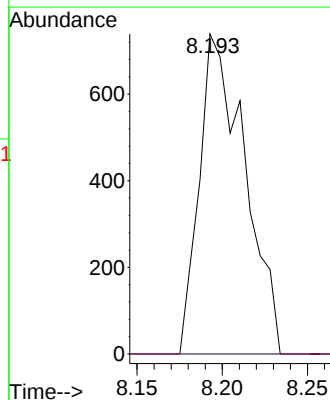
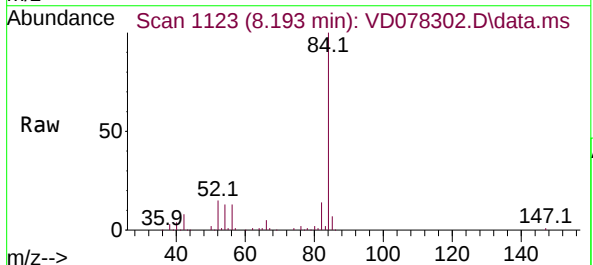
Acq: 01 Feb 2024 12:33

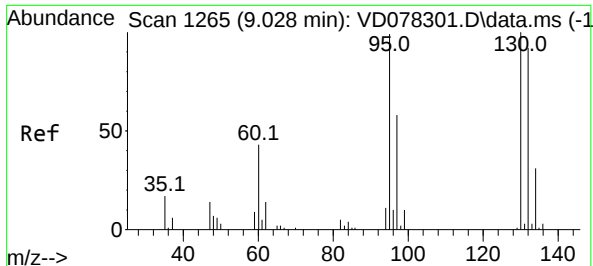
Tgt Ion: 62 Resp: 1368

Ion Ratio Lower Upper

62 100

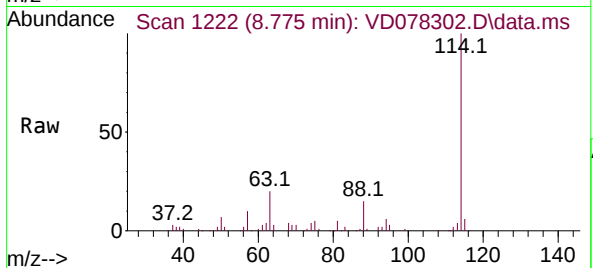
98 0.0 9.5 14.3#



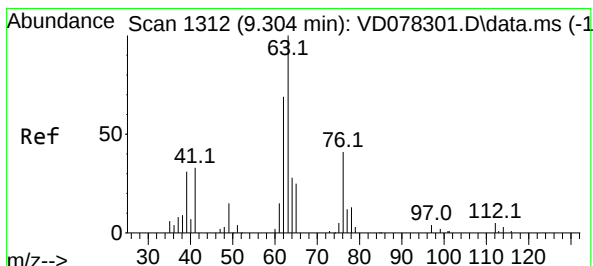
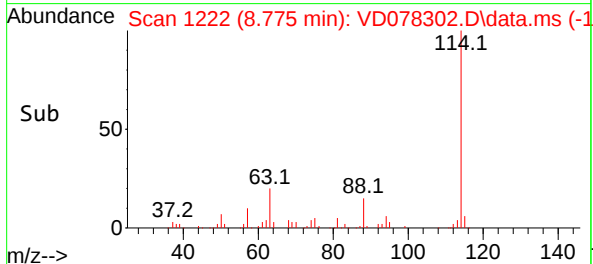
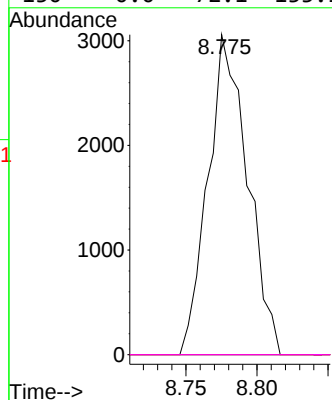


#34
 Trichloroethene
 Concen: 1.828 ug/L
 RT: 8.775 min Scan# 11
 Delta R.T. -0.253 min
 Lab File: VD078302.D
 Acq: 01 Feb 2024 12:33

Instrument :
 MSVOA_D
 ClientSampleId :

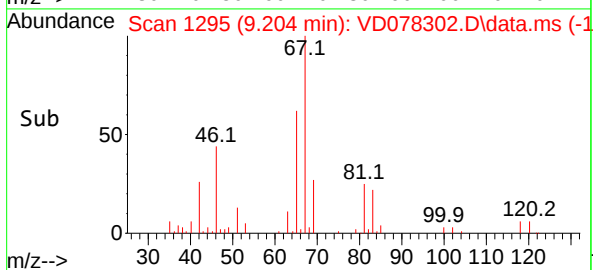
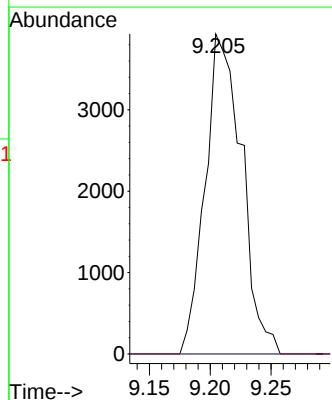
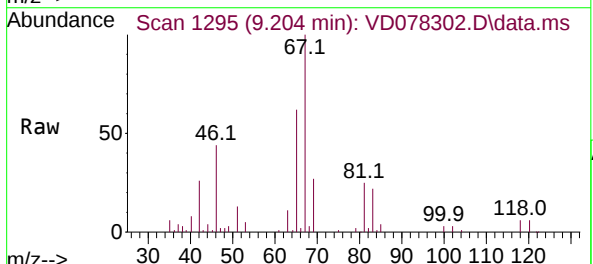


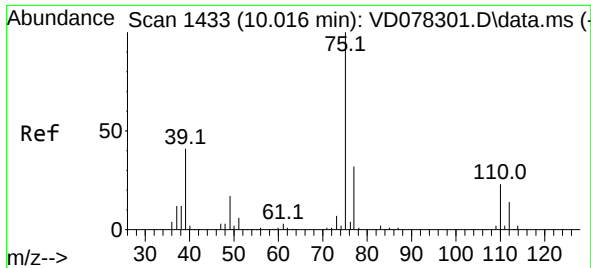
Tgt Ion: 95 Resp: 5922
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.9 87.1#
 132 0.0 73.7 136.9#
 130 0.0 72.1 133.9#



#37
 1,2-Dichloropropane
 Concen: 2.427 ug/L
 RT: 9.204 min Scan# 1295
 Delta R.T. -0.100 min
 Lab File: VD078302.D
 Acq: 01 Feb 2024 12:33

Tgt Ion: 63 Resp: 8203
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#

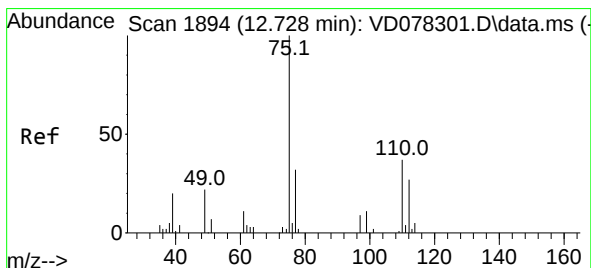
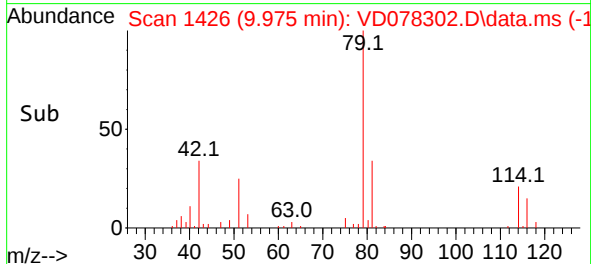
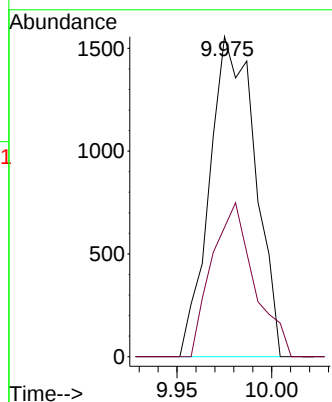
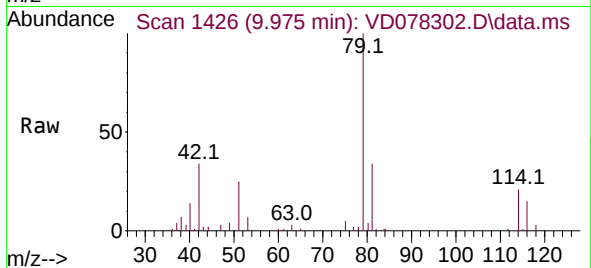




#39
cis-1,3-Dichloropropene
Concen: 0.496 ug/L
RT: 9.975 min Scan# 14
Delta R.T. -0.041 min
Lab File: VD078302.D
Acq: 01 Feb 2024 12:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2607
Ion Ratio Lower Upper
75 100
77 40.4 22.3 41.5



#61
1,2,3-Trichloropropane
Concen: 5.519 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD078302.D
Acq: 01 Feb 2024 12:33

Tgt Ion: 75 Resp: 11066
Ion Ratio Lower Upper
75 100
77 30.9 26.5 39.7
110 0.0 31.8 47.8#

