

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120924\
 Data File : VD080119.D
 Acq On : 09 Dec 2024 15:53
 Operator : RP/MD
 Sample : P5066-09
 Misc : 10.46G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 00:29:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 00:27:23 2024
 Response via : Initial Calibration

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

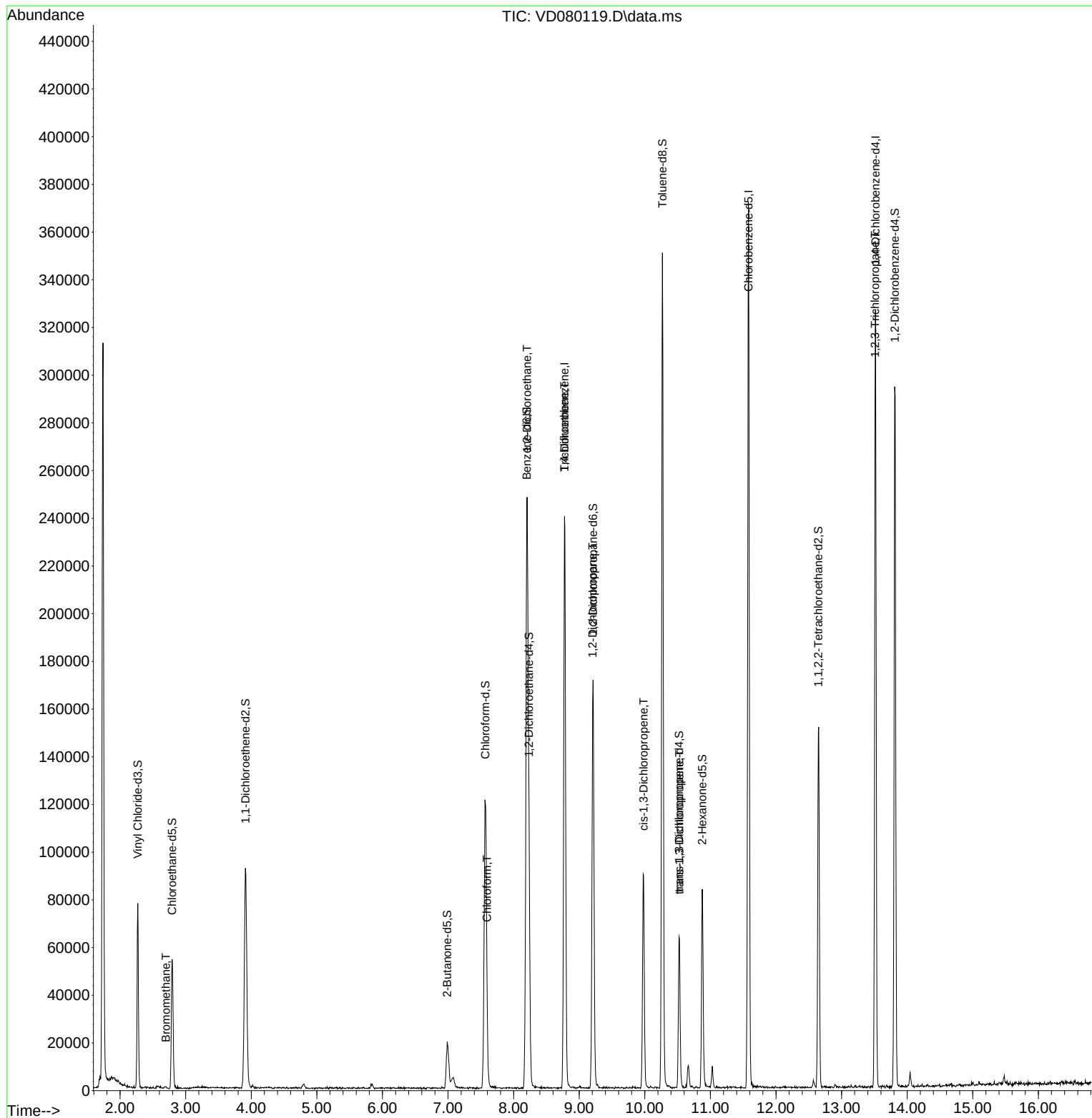
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	220678	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	219463	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	93531	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	71418	18.168	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.680%		
7) Chloroethane-d5	2.793	69	59832	19.518	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.080%		
11) 1,1-Dichloroethene-d2	3.911	65	26142	18.540	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.160%		
21) 2-Butanone-d5	6.987	46	32605	49.346	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.700%		
24) Chloroform-d	7.569	84	132240	22.020	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.080%		
26) 1,2-Dichloroethane-d4	8.234	65	74792	23.676	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.720%		
32) Benzene-d6	8.199	84	262654	20.779	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.120%		
36) 1,2-Dichloropropane-d6	9.210	67	89993	22.655	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.640%		
41) Toluene-d8	10.269	98	241976	20.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.200%		
43) trans-1,3-Dichloroprop...	10.522	79	38457	22.879	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.520%		
47) 2-Hexanone-d5	10.875	63	26746	46.685	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.360%		
56) 1,1,2,2-Tetrachloroeth...	12.646	84	80234	25.052	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.200%		
66) 1,2-Dichlorobenzene-d4	13.810	152	85780	26.192	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.760%		
Target Compounds						Qvalue
6) Bromomethane	2.699	94	627	0.251	ug/L	79
25) Chloroform	7.593	83	6977	1.051	ug/L	88
27) 1,2-Dichloroethane	8.205	62	1035	0.268	ug/L #	74
34) Trichloroethene	8.775	95	6371	1.727	ug/L #	3
37) 1,2-Dichloropropane	9.204	63	9289	2.473	ug/L #	86
39) cis-1,3-Dichloropropene	9.981	75	2252	0.398	ug/L	89
44) trans-1,3-Dichloropropene	10.528	75	1695	0.354	ug/L	93
61) 1,2,3-Trichloropropane	13.510	75	9514	5.085	ug/L #	69

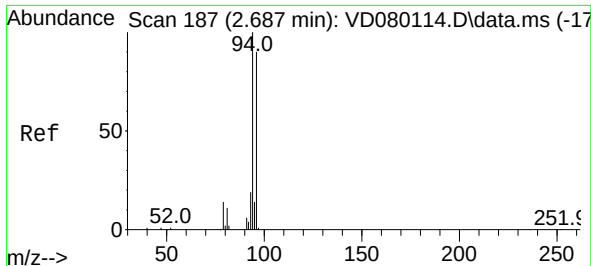
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 10 00:27:23 2024
Response via : Initial Calibration

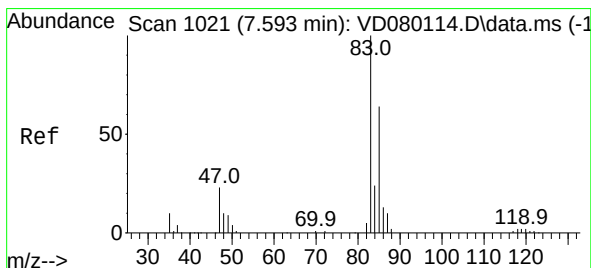
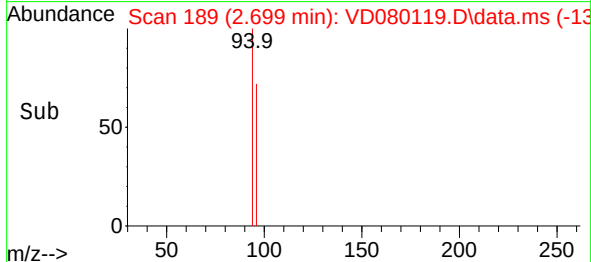
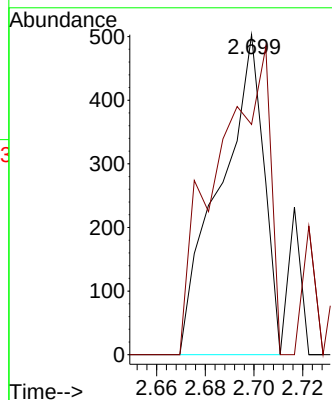
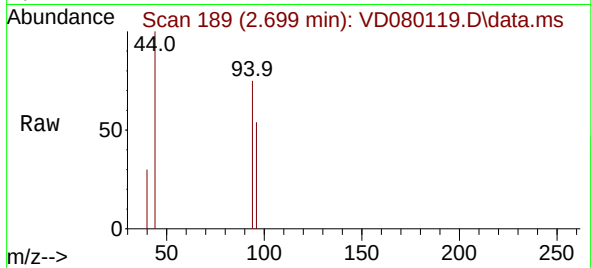




#6
Bromomethane
Concen: 0.251 ug/L
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD080119.D
Acq: 09 Dec 2024 15:53

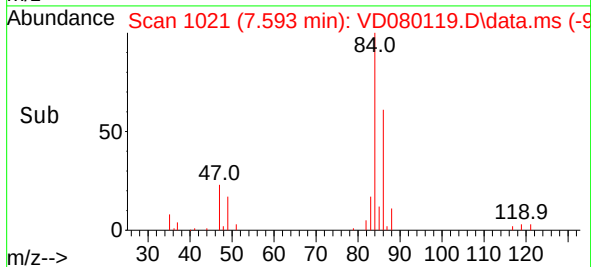
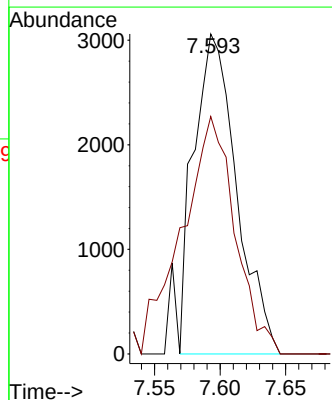
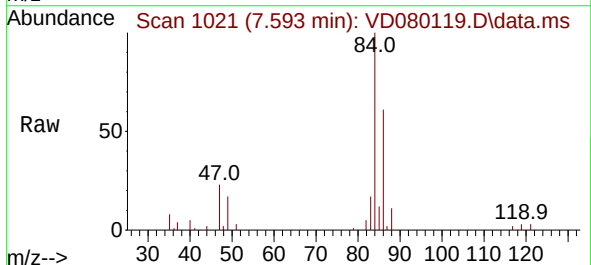
Instrument :
MSVOA_D
ClientSampleId :

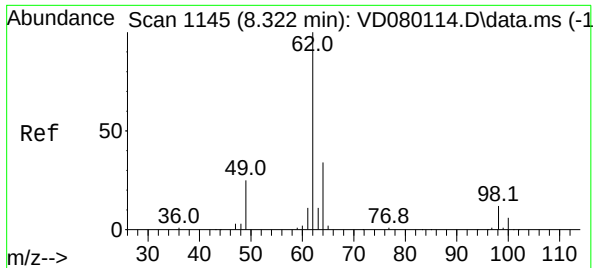
Tgt Ion: 94 Resp: 627
Ion Ratio Lower Upper
94 100
96 72.0 64.5 119.7



#25
Chloroform
Concen: 1.051 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD080119.D
Acq: 09 Dec 2024 15:53

Tgt Ion: 83 Resp: 6977
Ion Ratio Lower Upper
83 100
85 74.2 45.6 84.6

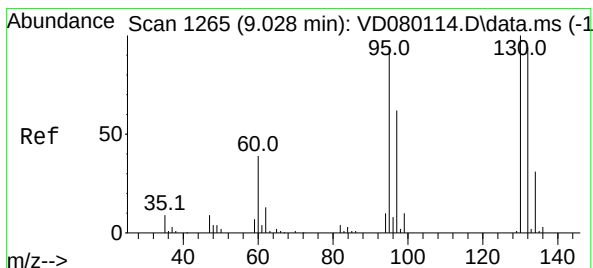
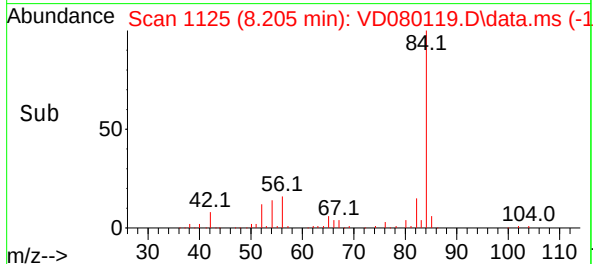
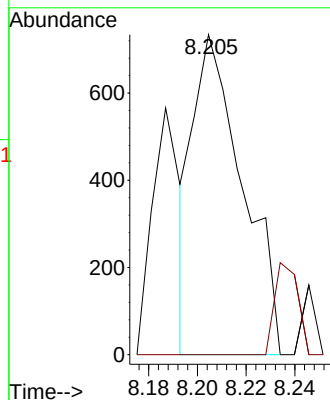
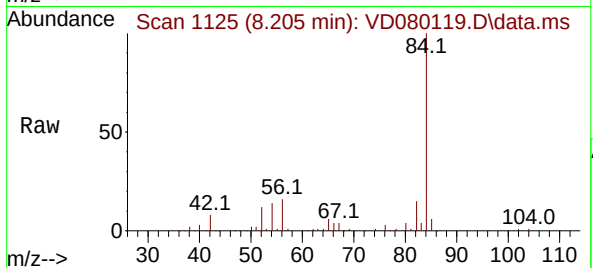




#27
1,2-Dichloroethane
Concen: 0.268 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.118 min
Lab File: VD080119.D
Acq: 09 Dec 2024 15:53

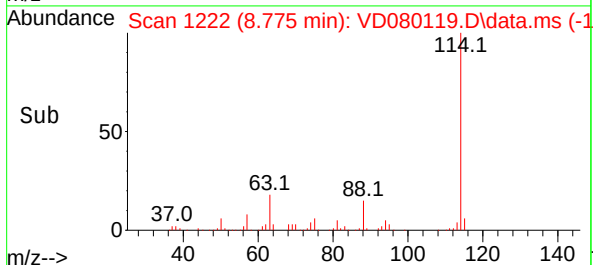
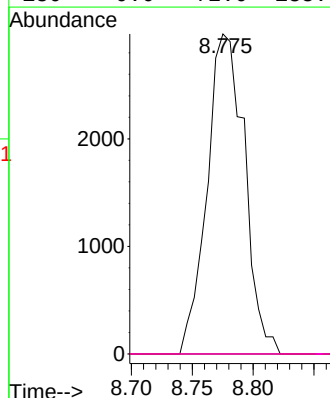
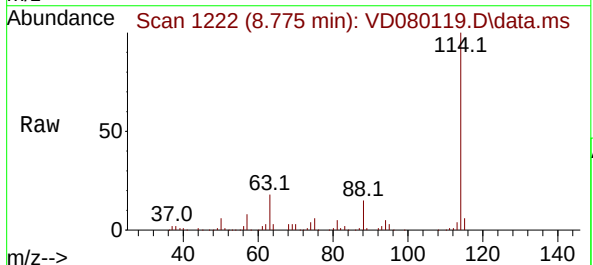
Instrument :
MSVOA_D
ClientSampleId :

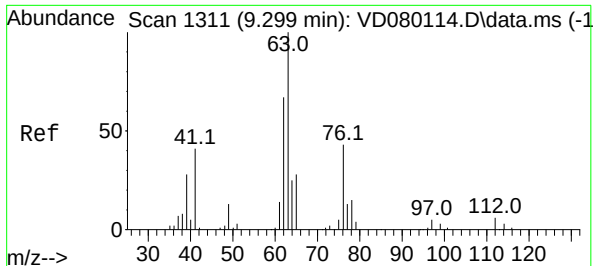
Tgt Ion: 62 Resp: 1035
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#34
Trichloroethene
Concen: 1.727 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD080119.D
Acq: 09 Dec 2024 15:53

Tgt Ion: 95 Resp: 6371
Ion Ratio Lower Upper
95 100
97 0.0 47.7 88.5#
132 0.0 72.8 135.2#
130 0.0 72.0 133.6#

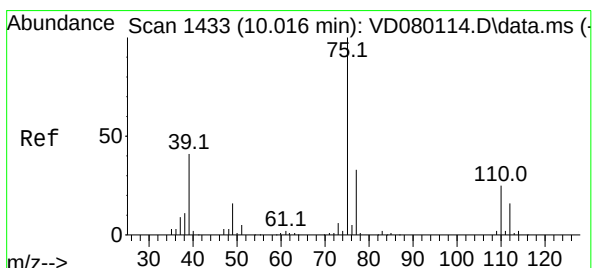
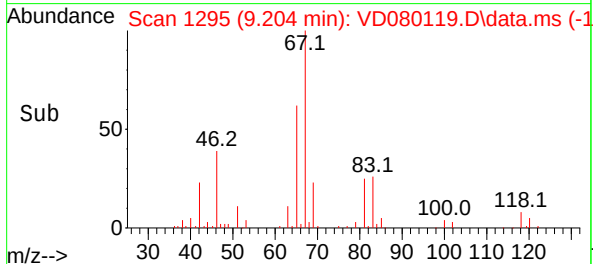
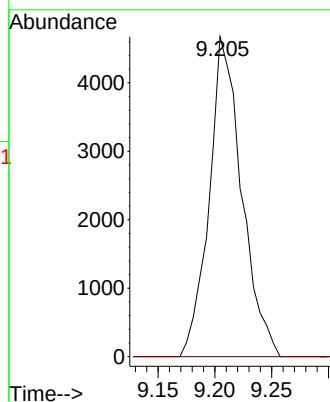
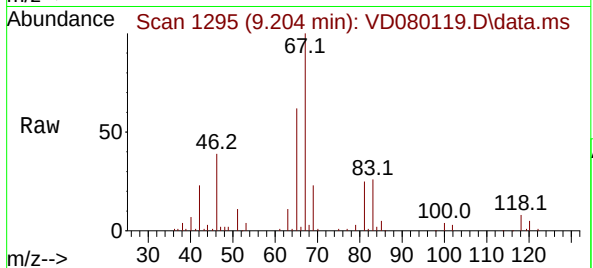




#37
1,2-Dichloropropane
Concen: 2.473 ug/L
RT: 9.204 min Scan# 1427
Delta R.T. -0.094 min
Lab File: VD080119.D
Acq: 09 Dec 2024 15:53

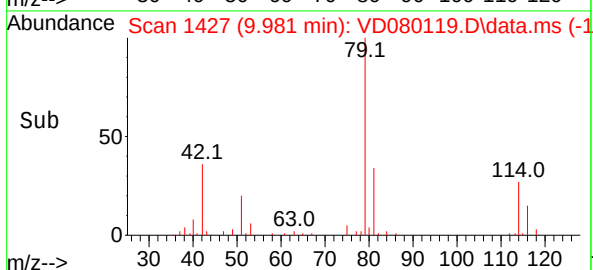
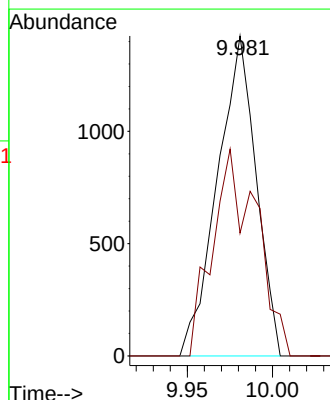
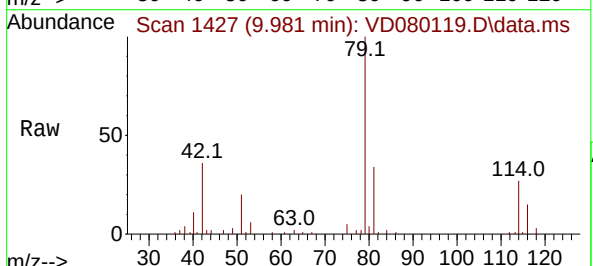
Instrument :
MSVOA_D
ClientSampleId :

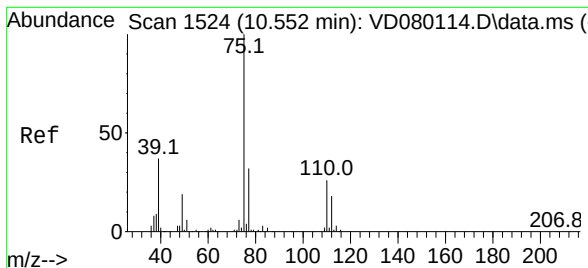
Tgt Ion: 63 Resp: 9289
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.398 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD080119.D
Acq: 09 Dec 2024 15:53

Tgt Ion: 75 Resp: 2252
Ion Ratio Lower Upper
75 100
77 38.4 22.5 41.9

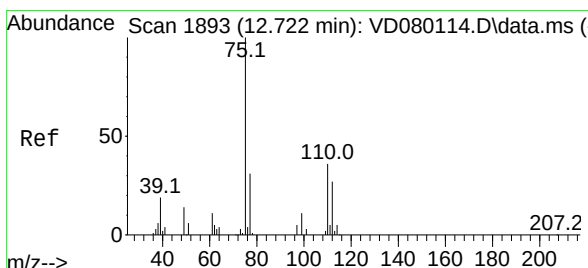
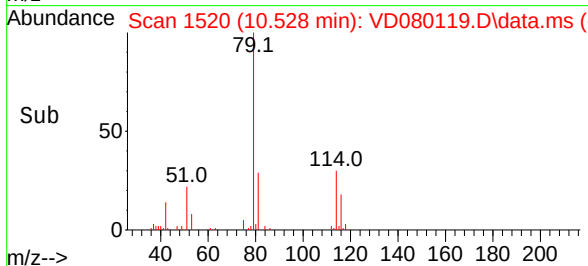
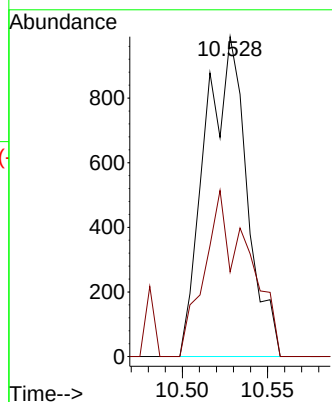
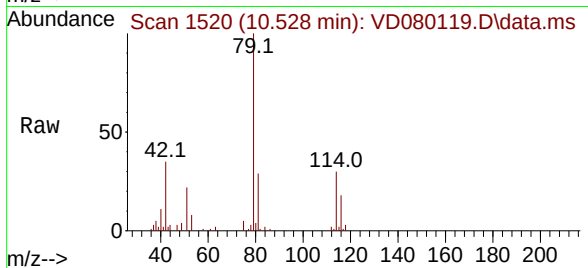




#44
trans-1,3-Dichloropropene
Concen: 0.354 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD080119.D
Acq: 09 Dec 2024 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 1695
Ion Ratio Lower Upper
75 100
77 26.5 21.0 39.0



#61
1,2,3-Trichloropropane
Concen: 5.085 ug/L
RT: 13.510 min Scan# 2027
Delta R.T. 0.788 min
Lab File: VD080119.D
Acq: 09 Dec 2024 15:53

Tgt Ion: 75 Resp: 9514
Ion Ratio Lower Upper
75 100
77 32.4 26.3 39.5
110 2.7 30.2 45.2#

