

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121224\
 Data File : VD080151.D
 Acq On : 12 Dec 2024 18:30
 Operator : RP/MD
 Sample : P5155-09
 Misc : 4.80G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 13 02:04:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 13 02:01:12 2024
 Response via : Initial Calibration

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

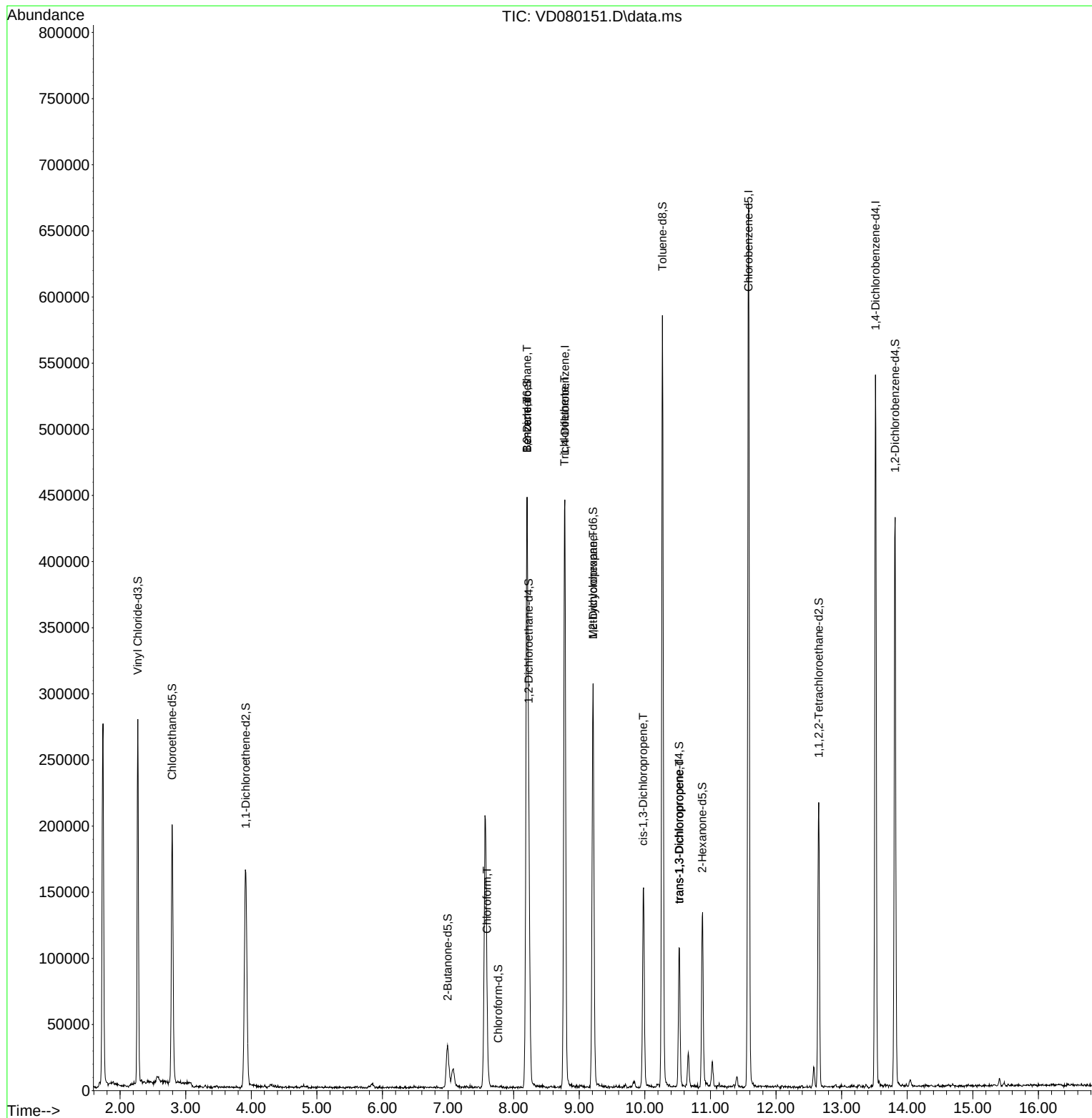
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	382591	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	364548	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	144340	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	252596	41.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	165.720%#
7) Chloroethane-d5	2.793	69	200935	36.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.800%
11) 1,1-Dichloroethene-d2	3.916	65	50386	21.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.120%
21) 2-Butanone-d5	6.993	46	52773	38.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.520%
24) Chloroform-d	7.763	84	207	0.020	ug/L	0.20
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.080%#
26) 1,2-Dichloroethane-d4	8.228	65	126872	22.696	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	8.204	84	428113	19.763	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.040%
36) 1,2-Dichloropropane-d6	9.210	67	147557	20.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.240%
41) Toluene-d8	10.269	98	389495	19.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.120%
43) trans-1,3-Dichloroprop...	10.522	79	59996	19.922	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.680%
47) 2-Hexanone-d5	10.875	63	42308	38.033	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	113314	18.003	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	115396	22.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.560%
Target Compounds						Qvalue
25) Chloroform	7.593	83	14621	1.158	ug/L	89
27) 1,2-Dichloroethane	8.204	62	3027	0.419	ug/L #	76
33) Benzene	8.204	78	3955	0.150	ug/L	100
34) Trichloroethene	8.775	95	11621	1.624	ug/L #	4
35) Methylcyclohexane	9.210	83	33985	3.388	ug/L #	18
39) cis-1,3-Dichloropropene	9.975	75	4198	0.390	ug/L #	82
44) trans-1,3-Dichloropropene	10.528	75	2817	0.318	ug/L	90

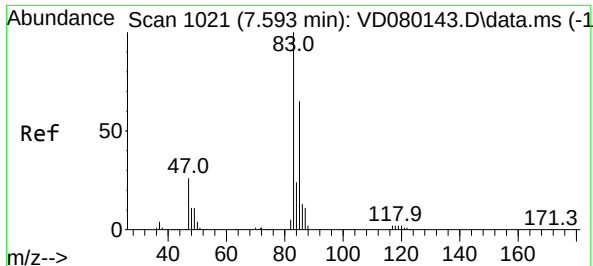
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 13 02:01:12 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 1.158 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD080151.D

Acq: 12 Dec 2024 18:30

Instrument :

MSVOA_D

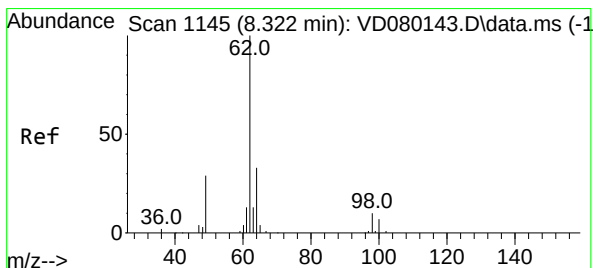
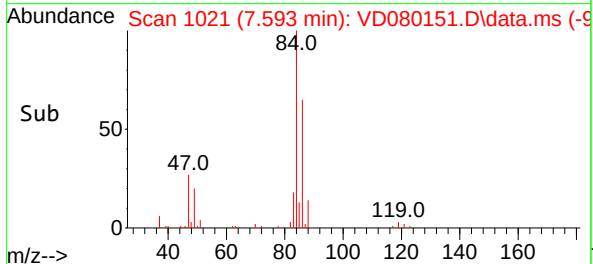
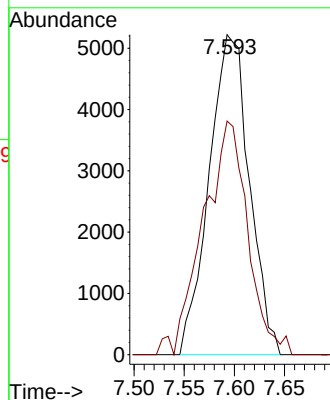
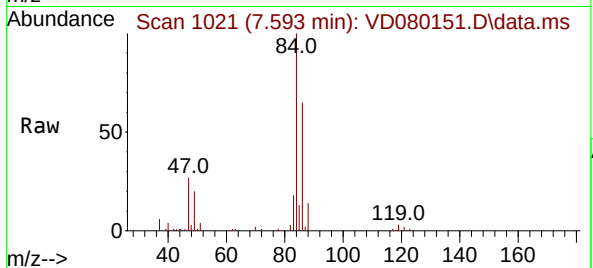
ClientSampleId :

Tgt Ion: 83 Resp: 14621

Ion Ratio Lower Upper

83 100

85 73.0 45.0 83.6



#27

1,2-Dichloroethane

Concen: 0.419 ug/L

RT: 8.204 min Scan# 1125

Delta R.T. -0.118 min

Lab File: VD080151.D

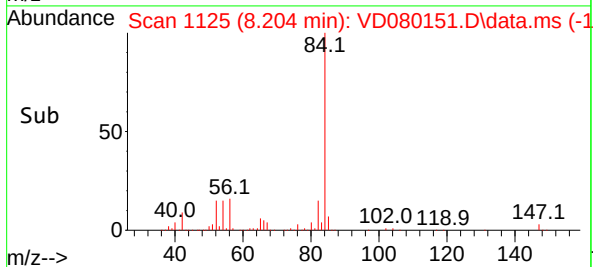
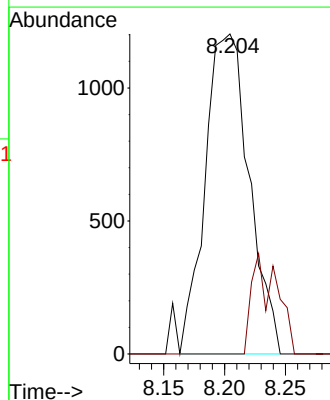
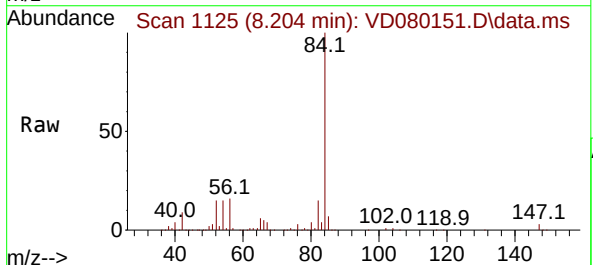
Acq: 12 Dec 2024 18:30

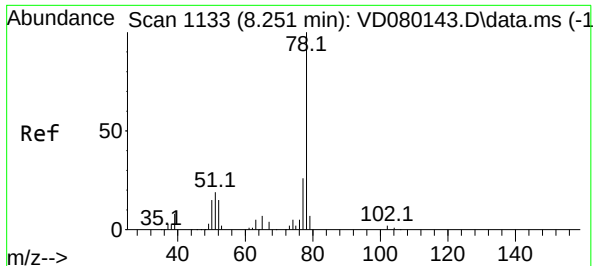
Tgt Ion: 62 Resp: 3027

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#





#33

Benzene

Concen: 0.150 ug/L

RT: 8.204 min Scan# 1125

Delta R.T. -0.047 min

Lab File: VD080151.D

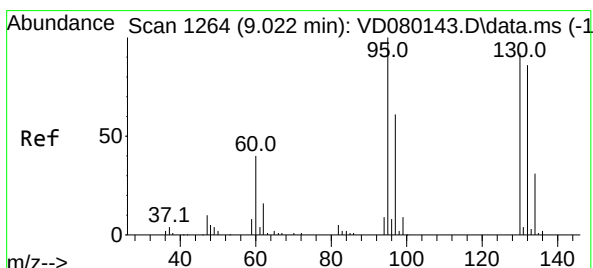
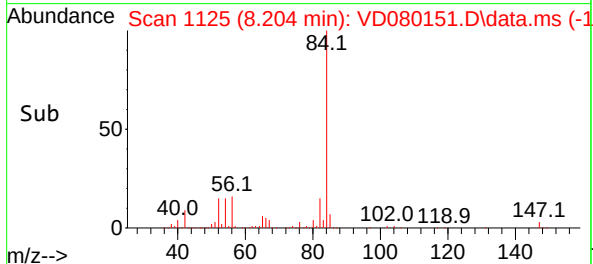
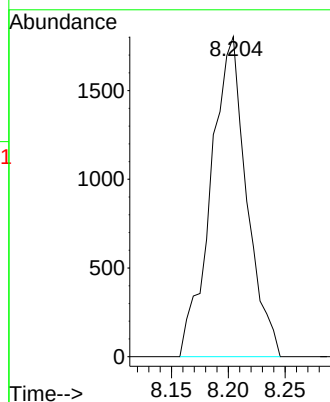
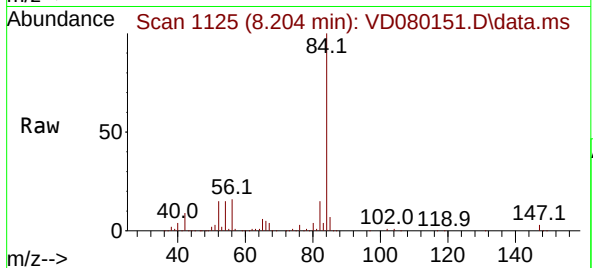
Acq: 12 Dec 2024 18:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 78 Resp: 3955



#34

Trichloroethene

Concen: 1.624 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.247 min

Lab File: VD080151.D

Acq: 12 Dec 2024 18:30

Tgt Ion: 95 Resp: 11621

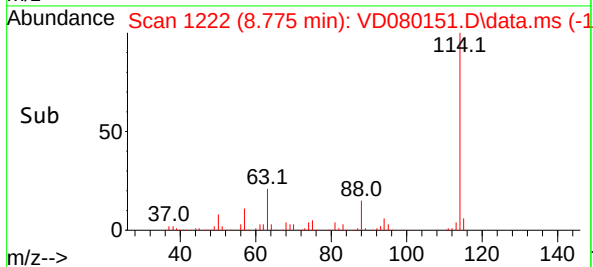
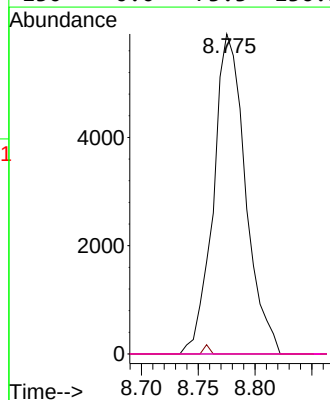
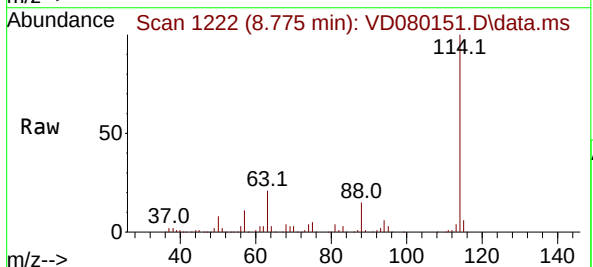
Ion Ratio Lower Upper

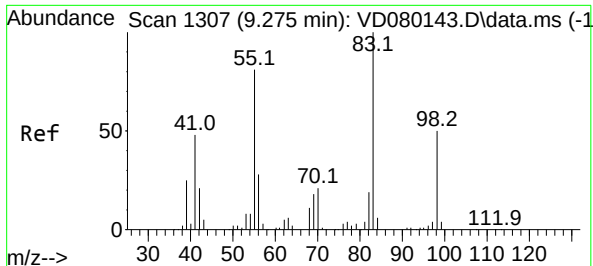
95 100

97 0.0 43.7 81.1#

132 0.0 69.4 129.0#

130 0.0 73.3 136.1#





#35

Methylcyclohexane

Concen: 3.388 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.065 min MSVOA_D

Lab File: VD080151.D

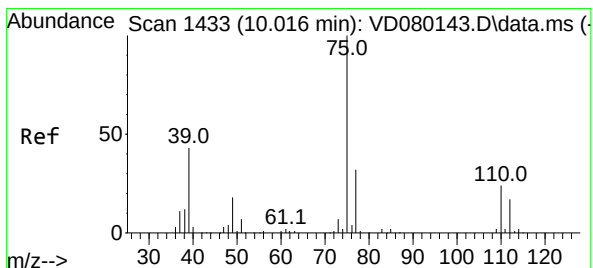
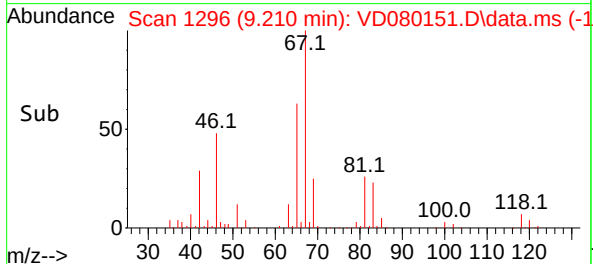
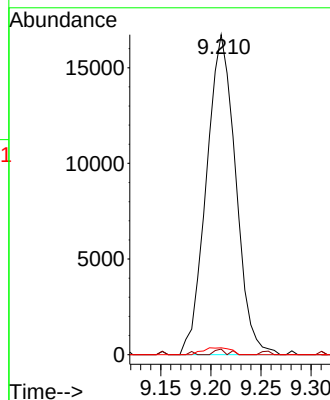
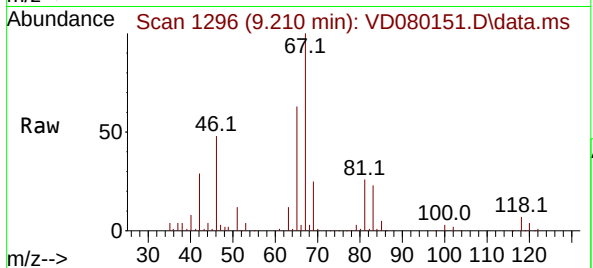
Acq: 12 Dec 2024 18:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 33985
Ion Ratio	Lower Upper
83 100	
55 0.5	63.8 95.8#
98 2.0	37.6 56.4#



#39

cis-1,3-Dichloropropene

Concen: 0.390 ug/L

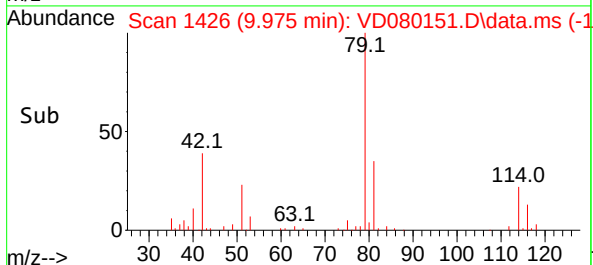
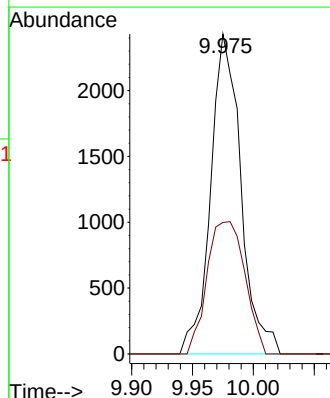
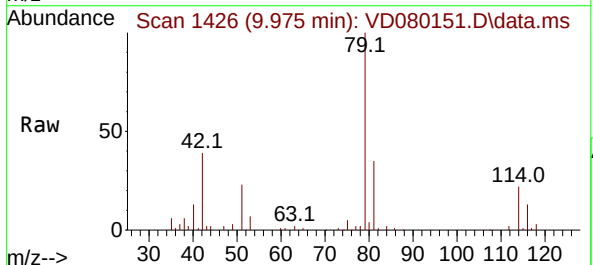
RT: 9.975 min Scan# 1426

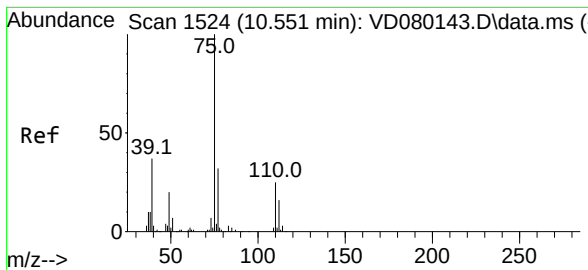
Delta R.T. -0.041 min

Lab File: VD080151.D

Acq: 12 Dec 2024 18:30

Tgt Ion: 75	Resp: 4198
Ion Ratio	Lower Upper
75 100	
77 41.1	21.8 40.6#





#44
 trans-1,3-Dichloropropene
 Concen: 0.318 ug/L
 RT: 10.528 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: VD080151.D
 Acq: 12 Dec 2024 18:30

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 2817
 Ion Ratio Lower Upper
 75 100
 77 40.1 24.2 45.0

