

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
 Data File : VD078349.D
 Acq On : 05 Feb 2024 16:37
 Operator : RP/MD
 Sample : P1329-19RE
 Misc : 3.65G/10ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 06 00:52:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 00:51:05 2024
 Response via : Initial Calibration

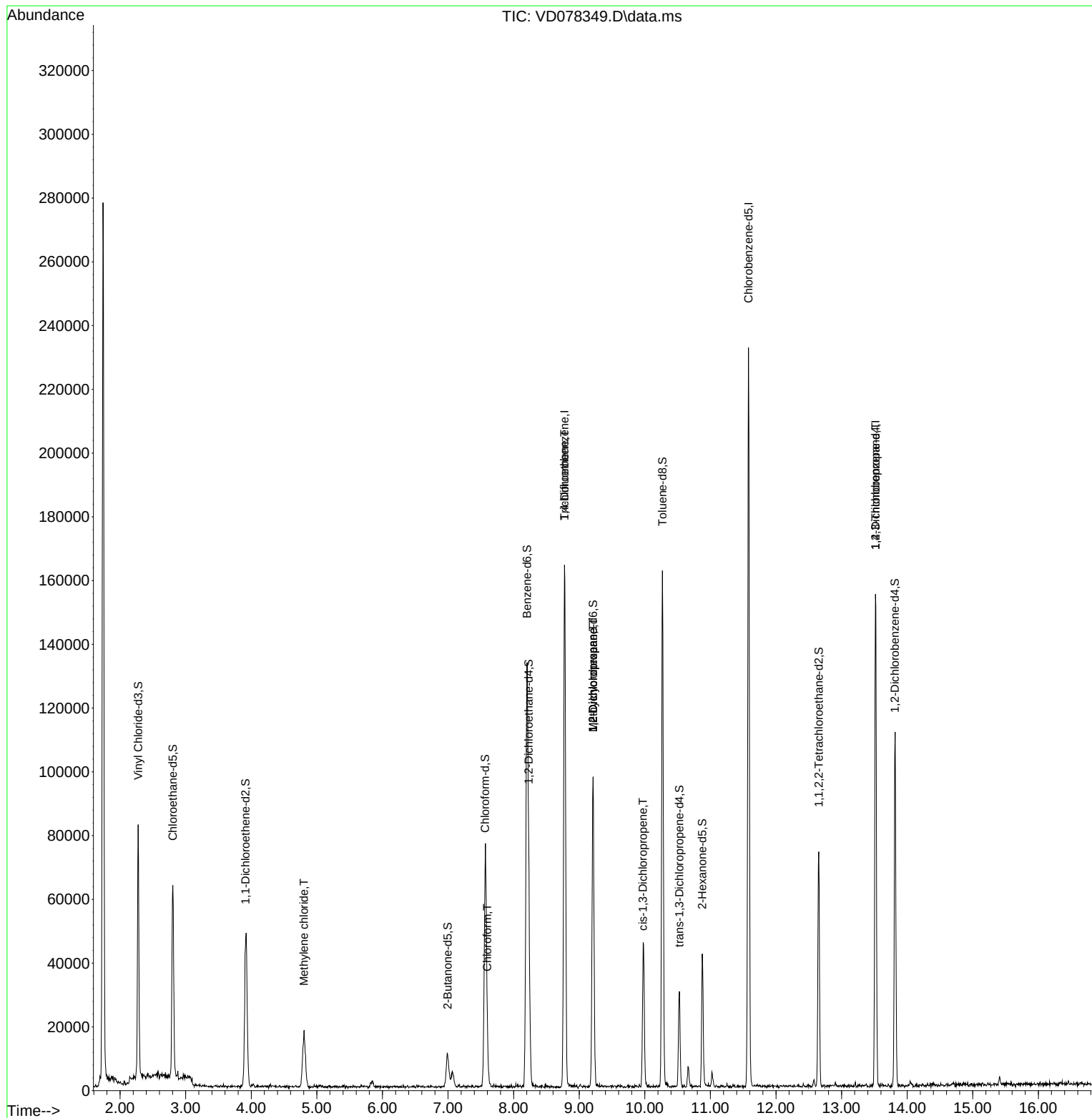
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	144308	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	131696	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	40698	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	71318	17.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.680%
7) Chloroethane-d5	2.805	69	62653	18.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	3.911	65	14459	16.356	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.440%
21) 2-Butanone-d5	6.993	46	18565	30.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.600%
24) Chloroform-d	7.563	84	73344	17.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.320%
26) 1,2-Dichloroethane-d4	8.228	65	40978	18.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.840%
32) Benzene-d6	8.205	84	140310	18.221	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.880%
36) 1,2-Dichloropropane-d6	9.210	67	47770	20.150	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.600%
41) Toluene-d8	10.269	98	111804	16.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.640%
43) trans-1,3-Dichloroprop...	10.528	79	17758	16.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.120%
47) 2-Hexanone-d5	10.875	63	14727	30.618	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.240%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	37268	16.918	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.680%
66) 1,2-Dichlorobenzene-d4	13.810	152	29296	20.107	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.440%
Target Compounds						
16) Methylene chloride	4.805	84	12982	4.587	ug/L	88
25) Chloroform	7.599	83	8305	1.884	ug/L	90
34) Trichloroethene	8.775	95	4563	2.036	ug/L #	3
35) Methylcyclohexane	9.210	83	10816	3.084	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	5044	2.157	ug/L #	87
39) cis-1,3-Dichloropropene	9.969	75	1548	0.425	ug/L #	37
61) 1,2,3-Trichloropropane	13.516	75	5345	5.149	ug/L #	57

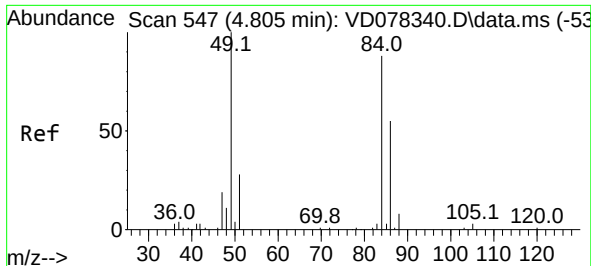
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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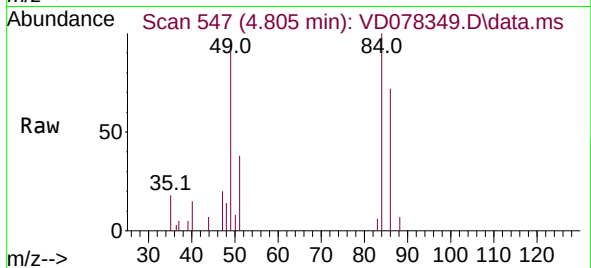
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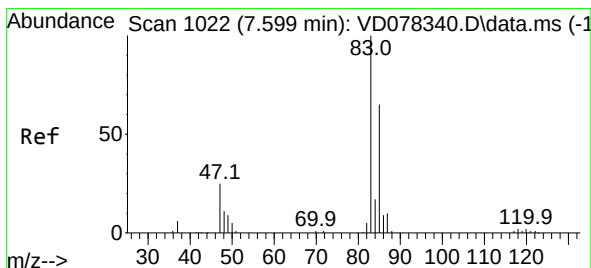
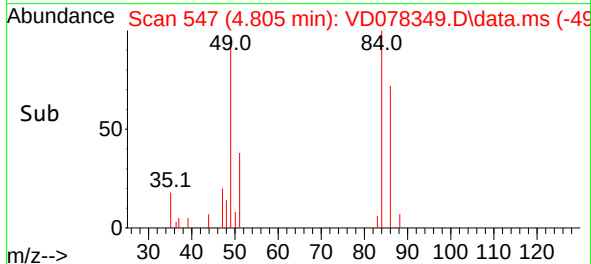
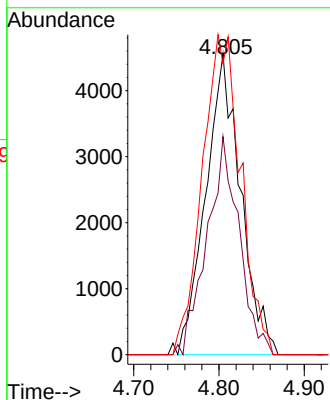


#16
Methylene chloride
Concen: 4.587 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD078349.D
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Instrument :
MSVOA_D
ClientSampleId :

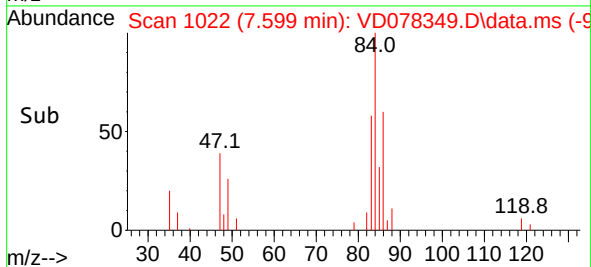
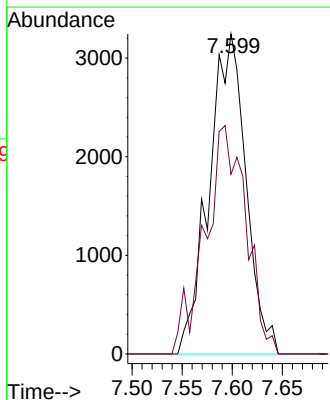
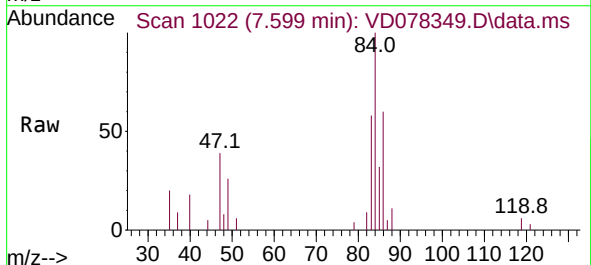


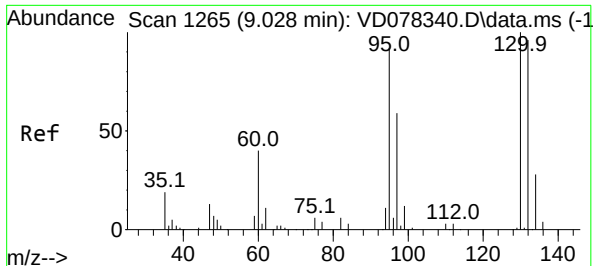
Tgt Ion: 84 Resp: 12982
Ion Ratio Lower Upper
84 100
86 72.5 45.4 84.2
49 96.8 77.3 143.7



#25
Chloroform
Concen: 1.884 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078349.D
Acq: 05 Feb 2024 16:37

Tgt Ion: 83 Resp: 8305
Ion Ratio Lower Upper
83 100
85 56.1 44.9 83.3





#34

Trichloroethene

Concen: 2.036 ug/L

RT: 8.775 min Scan# 1296

Delta R.T. -0.253 min

Lab File: VD078349.D

Acq: 05 Feb 2024 16:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 4563

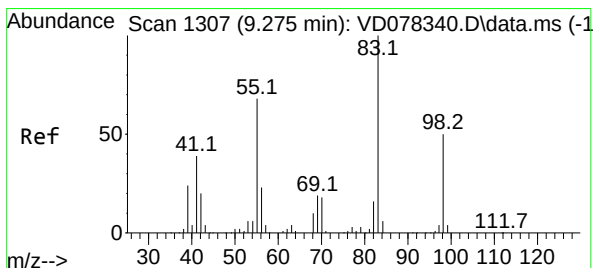
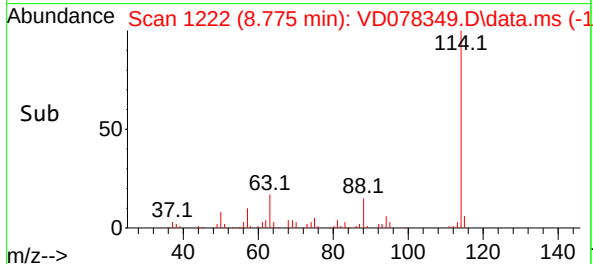
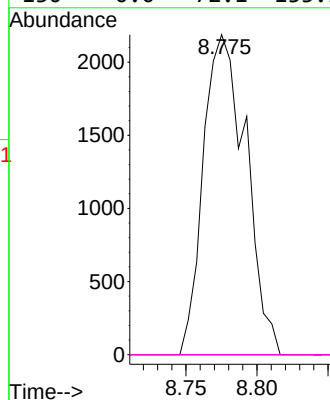
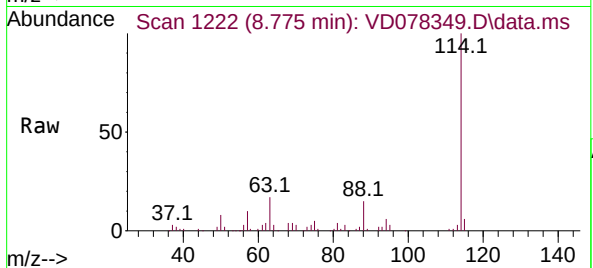
Ion Ratio Lower Upper

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: 3.084 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD078349.D

Acq: 05 Feb 2024 16:37

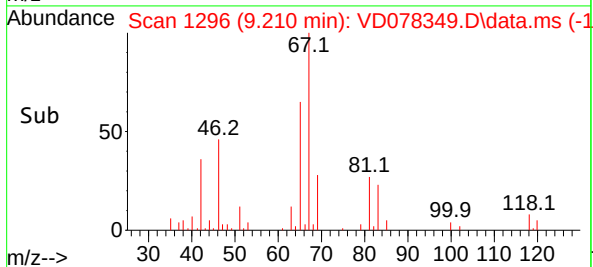
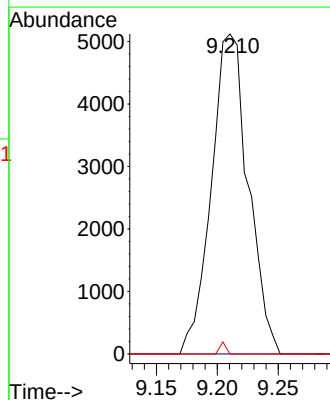
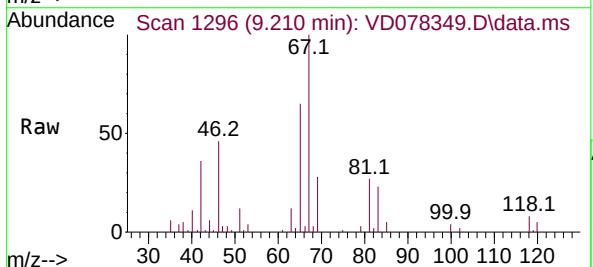
Tgt Ion: 83 Resp: 10816

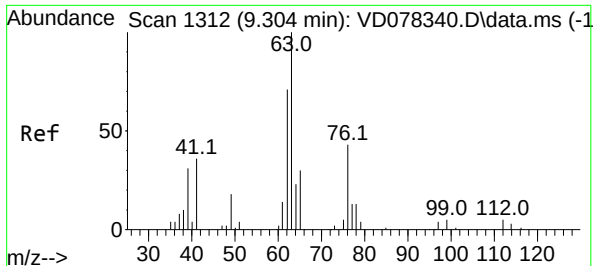
Ion Ratio Lower Upper

83 100

55 0.0 56.2 84.4#

98 0.0 41.2 61.8#





#37

1,2-Dichloropropane

Concen: 2.157 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD078349.D

Acq: 05 Feb 2024 16:37

Instrument :

MSVOA_D

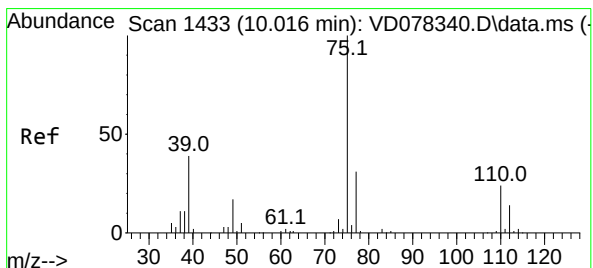
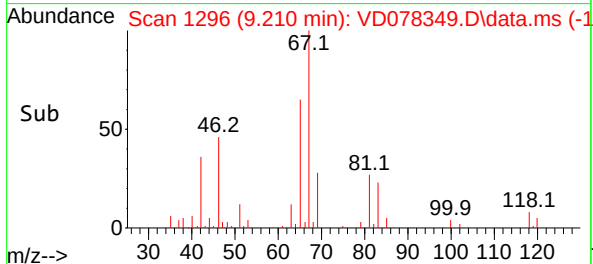
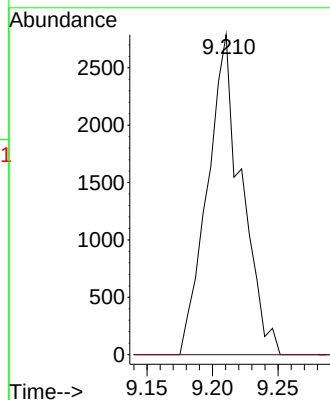
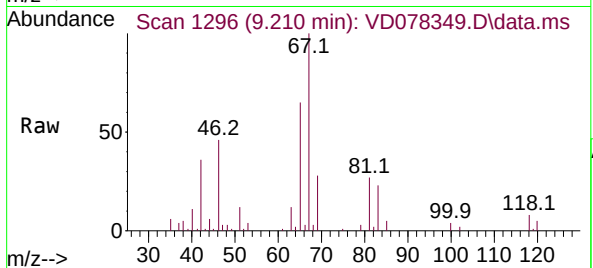
ClientSampleId :

Tgt Ion: 63 Resp: 5044

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.425 ug/L

RT: 9.969 min Scan# 1425

Delta R.T. -0.047 min

Lab File: VD078349.D

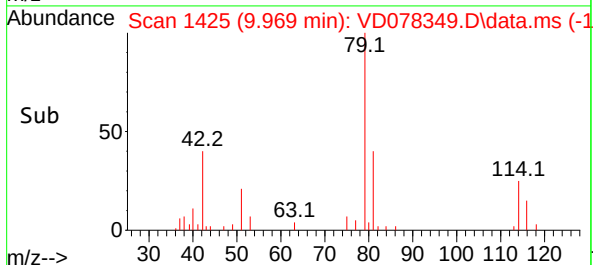
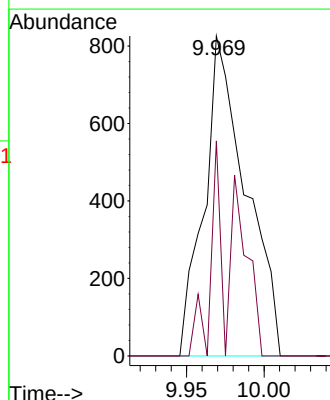
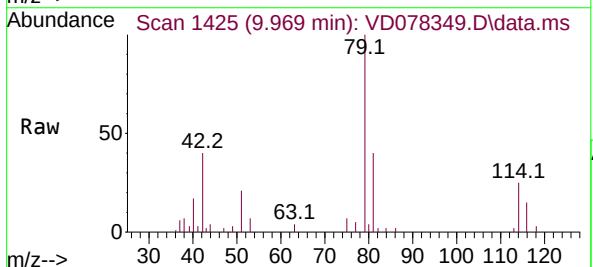
Acq: 05 Feb 2024 16:37

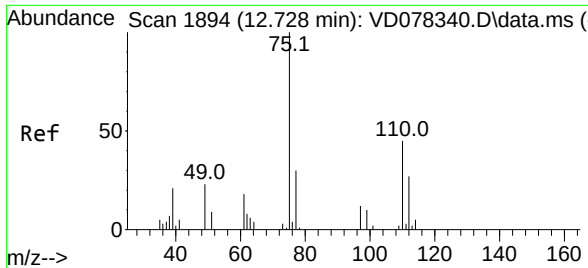
Tgt Ion: 75 Resp: 1548

Ion Ratio Lower Upper

75 100

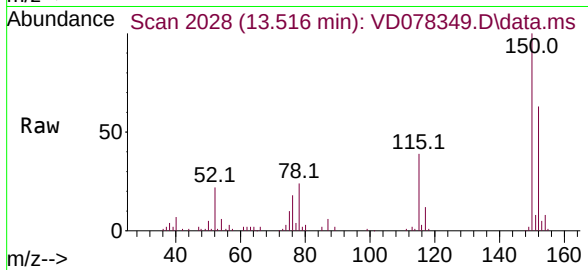
77 67.2 22.3 41.5#





#61
 1,2,3-Trichloropropane
 Concen: 5.149 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD078349.D
 Acq: 05 Feb 2024 16:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 5345
 Ion Ratio Lower Upper
 75 100
 77 42.6 26.5 39.7#
 110 0.0 31.8 47.8#

