

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020224\
 Data File : VD078336.D
 Acq On : 02 Feb 2024 19:45
 Operator : RP/MD
 Sample : P1349-01
 Misc : 6.87G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BH6W3

Quant Time: Feb 03 00:24:26 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)

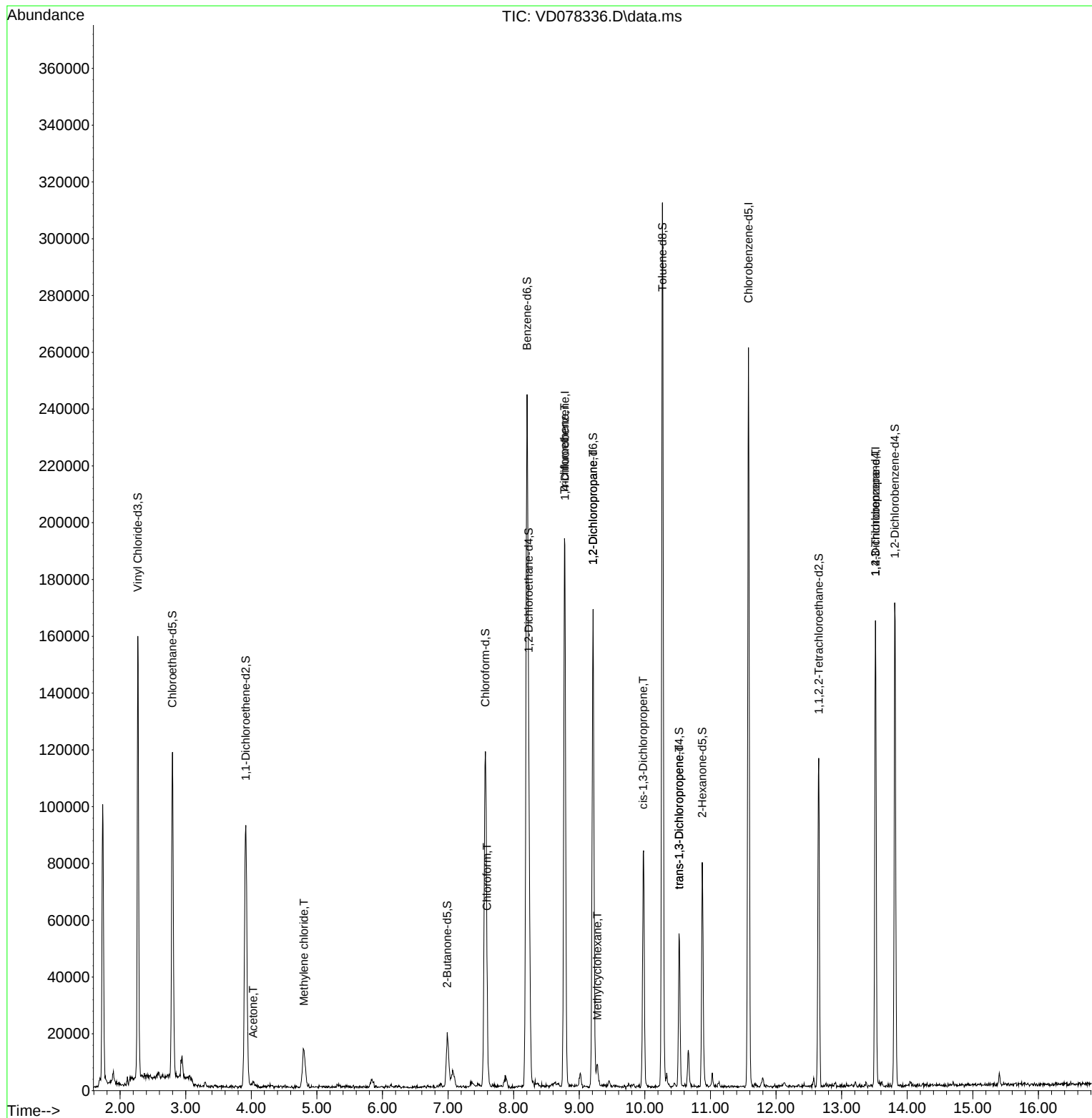
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	171871	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	146333	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	41960	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	132984	27.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.080%
7) Chloroethane-d5	2.799	69	114976	28.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.200%
11) 1,1-Dichloroethene-d2	3.916	65	26378	25.054	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.200%
21) 2-Butanone-d5	6.987	46	31740	44.210	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.420%
24) Chloroform-d	7.569	84	123748	25.253	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	8.228	65	66958	25.319	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.280%
32) Benzene-d6	8.204	84	256177	29.940	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.760%
36) 1,2-Dichloropropane-d6	9.210	67	80566	30.585	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.320%#
41) Toluene-d8	10.269	98	211254	27.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.960%
43) trans-1,3-Dichloroprop...	10.522	79	29583	25.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.600%
47) 2-Hexanone-d5	10.875	63	26168	48.963	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	58461	23.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.520%
66) 1,2-Dichlorobenzene-d4	13.810	152	44413	29.566	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.280%
Target Compounds	Qvalue					
13) Acetone	4.028	43	2074	2.200	ug/L	80
16) Methylene chloride	4.805	84	10334	3.066	ug/L	90
25) Chloroform	7.593	83	5890	1.122	ug/L #	61
34) Trichloroethene	8.775	95	5159	2.072	ug/L #	3
35) Methylcyclohexane	9.275	83	1837	0.471	ug/L	92
37) 1,2-Dichloropropane	9.210	63	7963	3.065	ug/L #	87
39) cis-1,3-Dichloropropene	9.975	75	2141	0.529	ug/L #	42
44) trans-1,3-Dichloropropene	10.522	75	1447	0.409	ug/L #	54
61) 1,2,3-Trichloropropane	13.516	75	6449	6.025	ug/L #	59

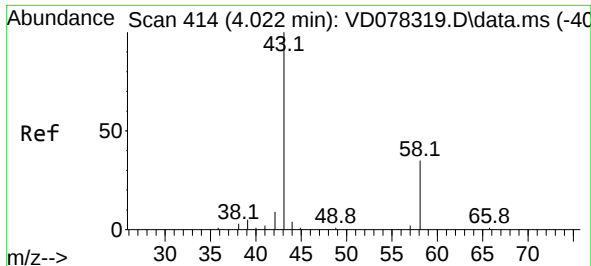
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 2.200 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD078336.D

Acq: 02 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

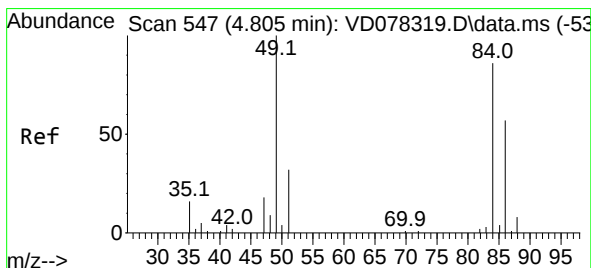
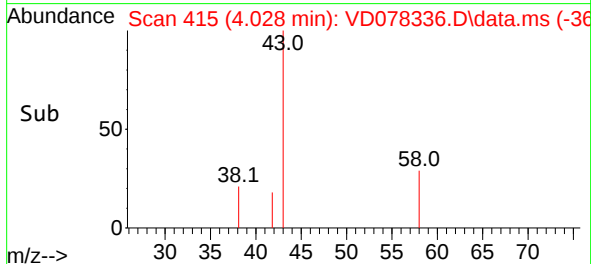
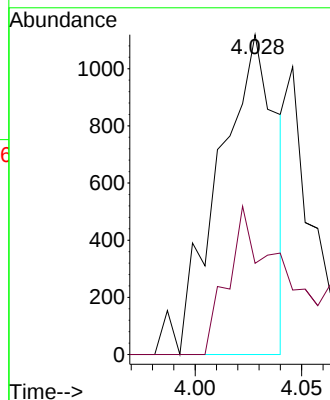
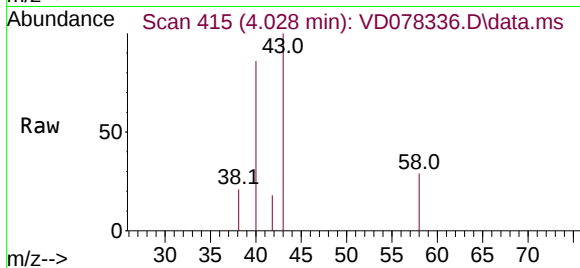
BH6W3

Tgt Ion: 43 Resp: 2074

Ion Ratio Lower Upper

43 100

58 22.2 0.0 67.2



#16

Methylene chloride

Concen: 3.066 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD078336.D

Acq: 02 Feb 2024 19:45

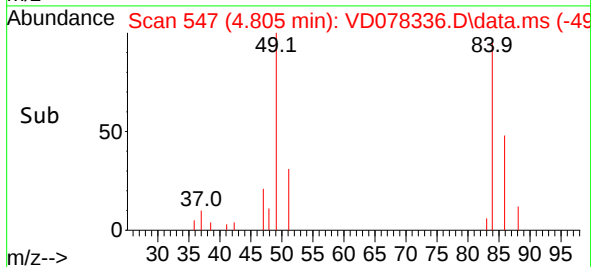
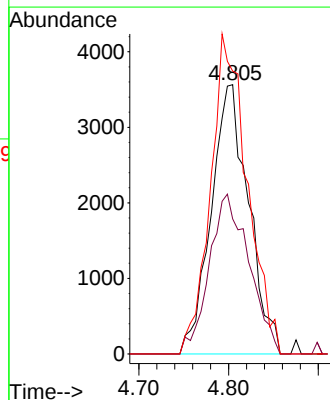
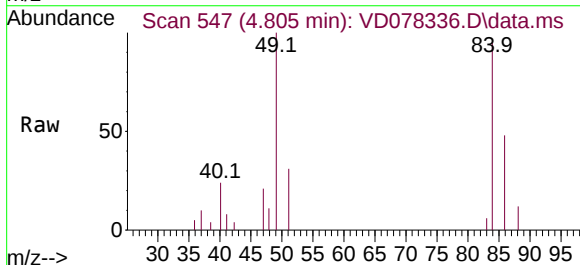
Tgt Ion: 84 Resp: 10334

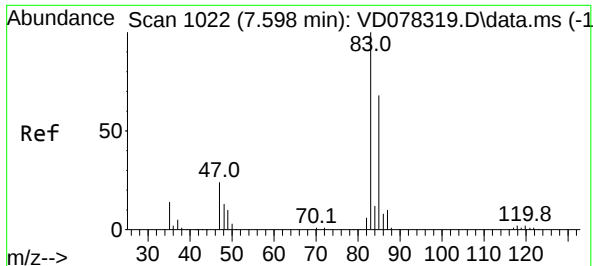
Ion Ratio Lower Upper

84 100

86 50.2 45.4 84.2

49 105.0 77.3 143.7





#25

Chloroform

Concen: 1.122 ug/L

RT: 7.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078336.D

Acq: 02 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

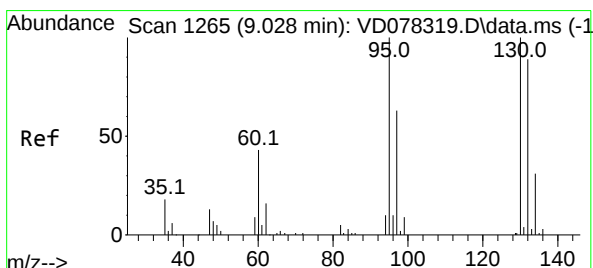
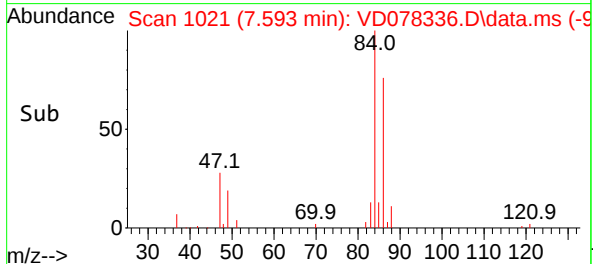
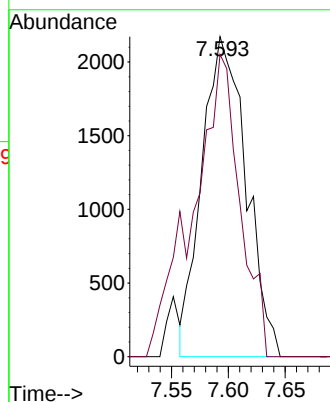
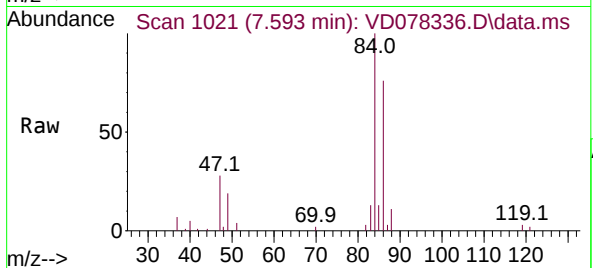
BH6W3

Tgt Ion: 83 Resp: 5890

Ion Ratio Lower Upper

83 100

85 94.4 44.9 83.3#



#34

Trichloroethene

Concen: 2.072 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD078336.D

Acq: 02 Feb 2024 19:45

Tgt Ion: 95 Resp: 5159

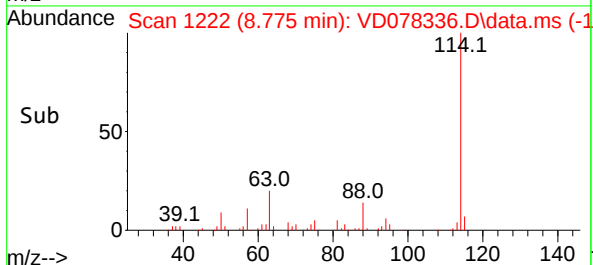
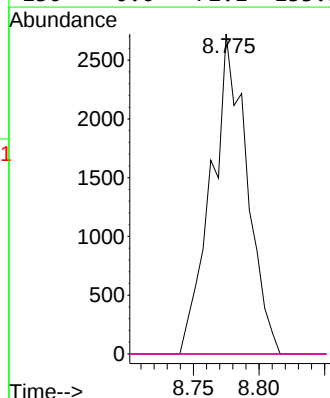
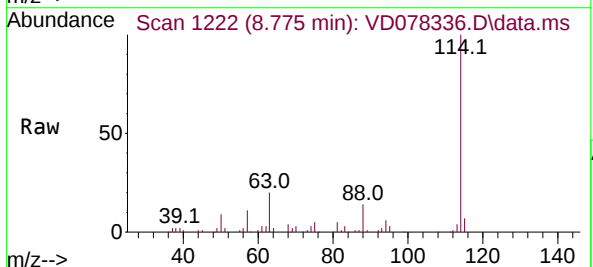
Ion Ratio Lower Upper

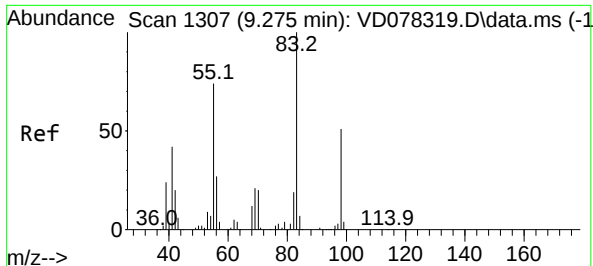
95 100

97 0.0 46.9 87.1#

132 0.0 73.7 136.9#

130 0.0 72.1 133.9#

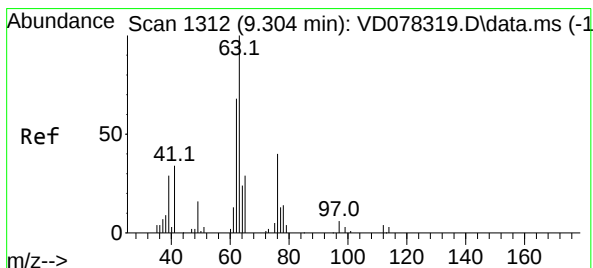
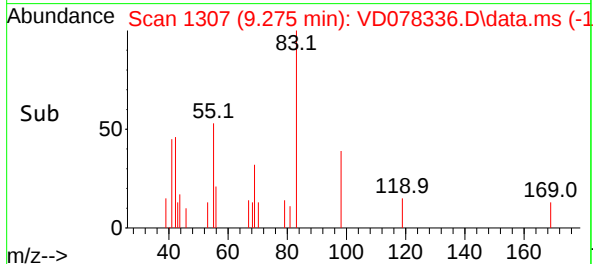
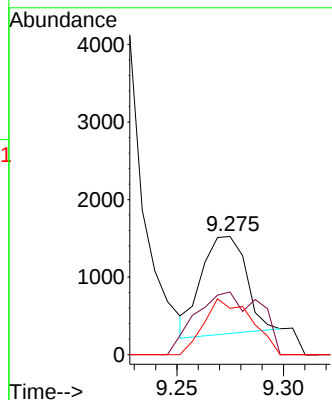
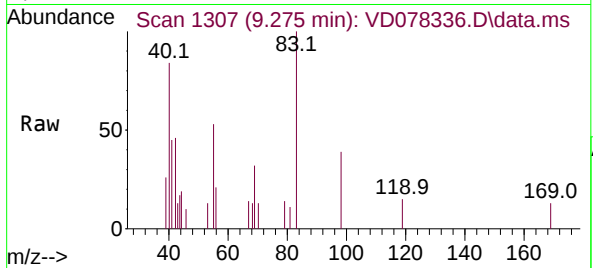




#35
Methylcyclohexane
Concen: 0.471 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078336.D
Acq: 02 Feb 2024 19:45

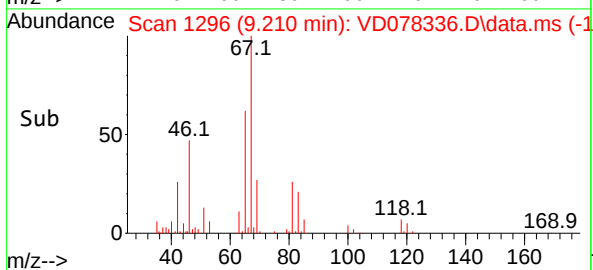
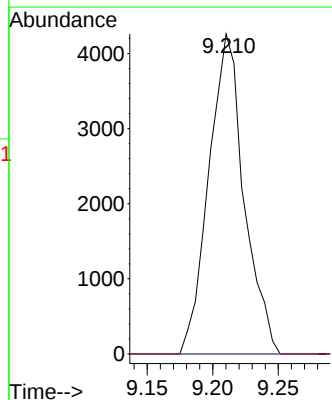
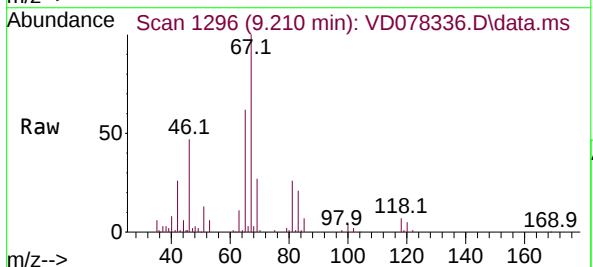
Instrument :
MSVOA_D
ClientSampleId :
BH6W3

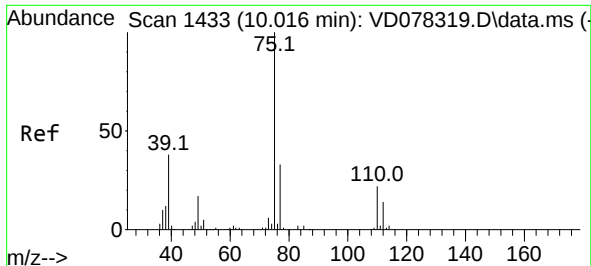
Tgt Ion: 83 Resp: 1837
Ion Ratio Lower Upper
83 100
55 67.2 56.2 84.4
98 60.7 41.2 61.8



#37
1,2-Dichloropropane
Concen: 3.065 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD078336.D
Acq: 02 Feb 2024 19:45

Tgt Ion: 63 Resp: 7963
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 9.975 min Scan# 14

Delta R.T. -0.041 min

Lab File: VD078336.D

Acq: 02 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

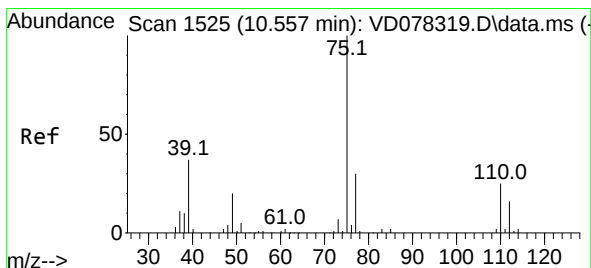
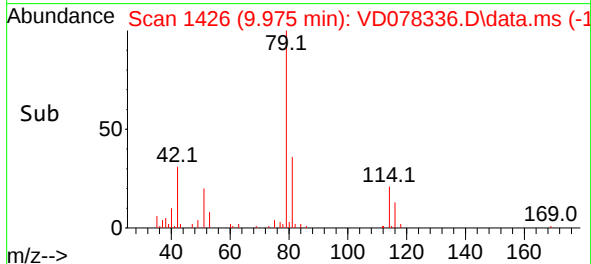
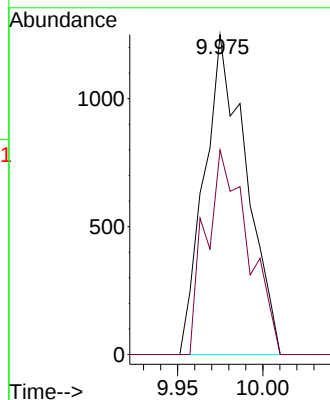
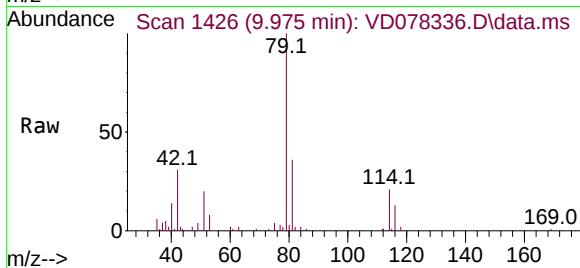
BH6W3

Tgt Ion: 75 Resp: 2141

Ion Ratio Lower Upper

75 100

77 64.0 22.3 41.5#



#44

trans-1,3-Dichloropropene

Concen: 0.409 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.035 min

Lab File: VD078336.D

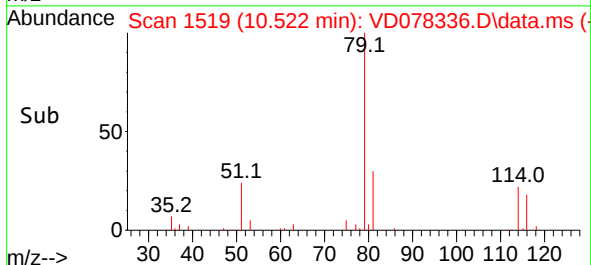
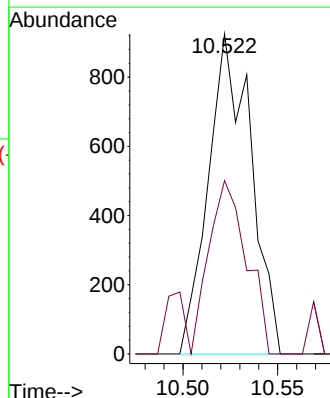
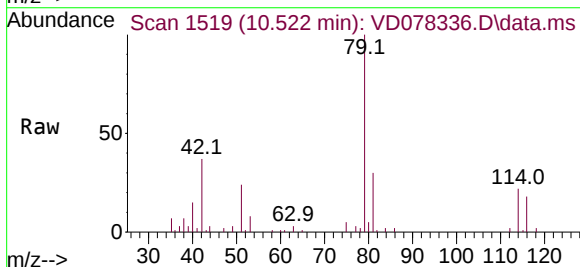
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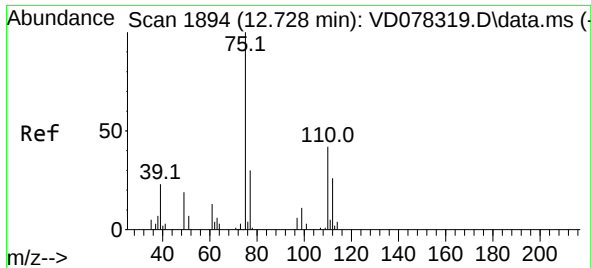
Tgt Ion: 75 Resp: 1447

Ion Ratio Lower Upper

75 100

77 54.2 20.7 38.5#





#61

1,2,3-Trichloropropane

Concen: 6.025 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.788 min

Lab File: VD078336.D

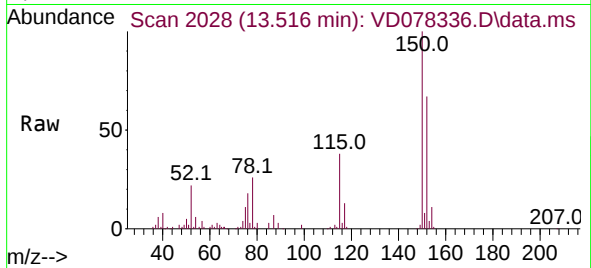
Acq: 02 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

BH6W3



Tgt Ion: 75 Resp: 6449

Ion Ratio Lower Upper

75 100

77 25.6 26.5 39.7#

110 0.0 31.8 47.8#

