

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
 Data File : VD078348.D
 Acq On : 05 Feb 2024 15:39
 Operator : RP/MD
 Sample : P1349-04
 Misc : 6.77G/10ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 06 00:52:43 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)

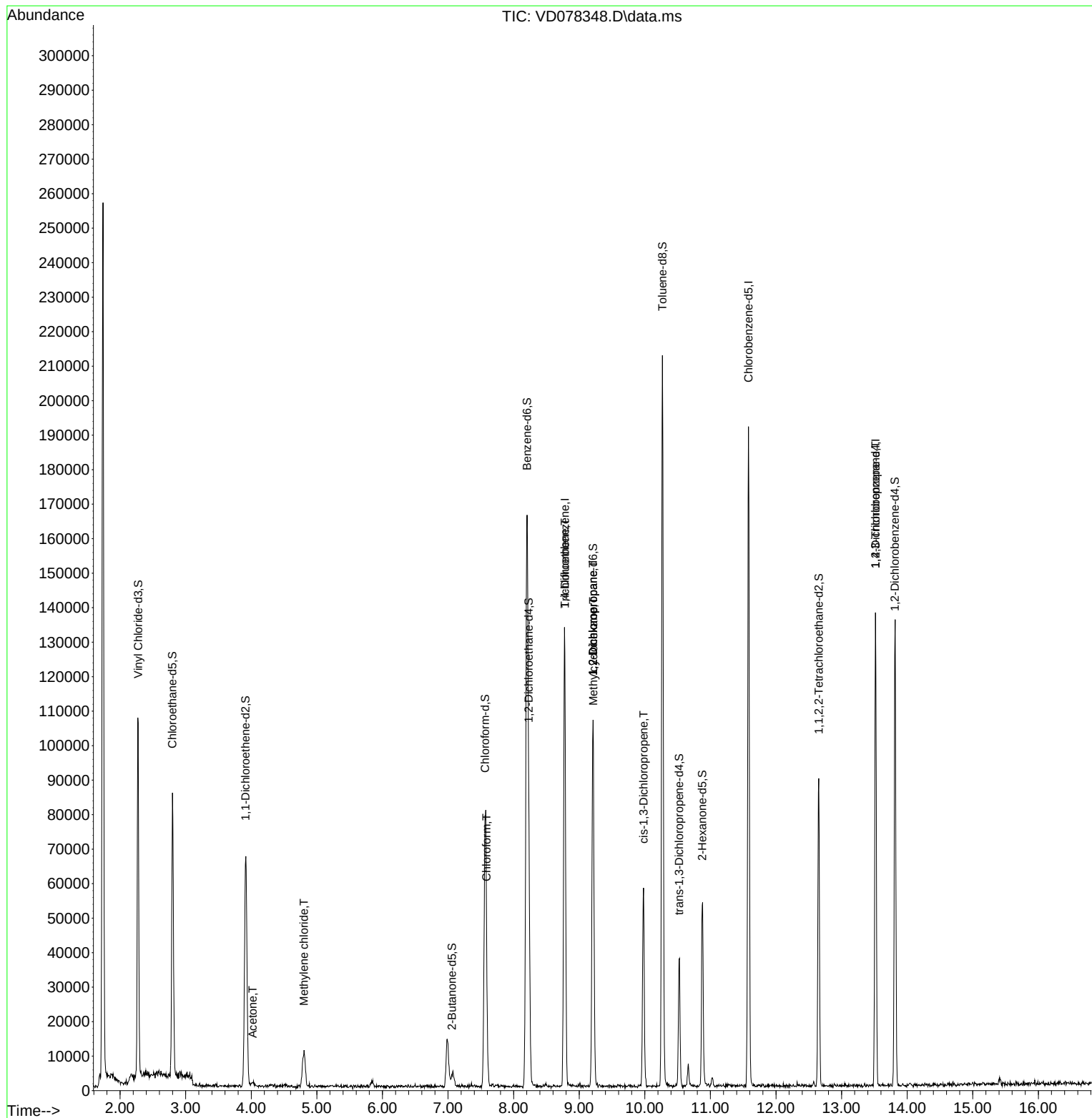
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	118358	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	108149	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	36000	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	96685	28.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.160%
7) Chloroethane-d5	2.799	69	80163	28.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	3.911	65	19680	27.143	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.560%
21) 2-Butanone-d5	7.058	46	429	0.868	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.740%#
24) Chloroform-d	7.564	84	83426	24.722	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.228	65	47642	26.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.640%
32) Benzene-d6	8.205	84	180434	28.533	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.120%
36) 1,2-Dichloropropane-d6	9.210	67	54328	27.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.640%
41) Toluene-d8	10.269	98	148565	26.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.640%
43) trans-1,3-Dichloroprop...	10.522	79	21225	24.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.680%
47) 2-Hexanone-d5	10.875	63	19164	48.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	46484	25.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	36073	27.989	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.960%
Target Compounds						Qvalue
13) Acetone	4.023	43	1726	2.659	ug/L	48
16) Methylene chloride	4.805	84	7853	3.383	ug/L	91
25) Chloroform	7.587	83	3394	0.939	ug/L	85
34) Trichloroethene	8.781	95	3313	1.800	ug/L #	3
35) Methylcyclohexane	9.216	83	12257	4.256	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	5928	3.087	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	1640	0.549	ug/L #	63
61) 1,2,3-Trichloropropane	13.516	75	4921	5.359	ug/L #	65

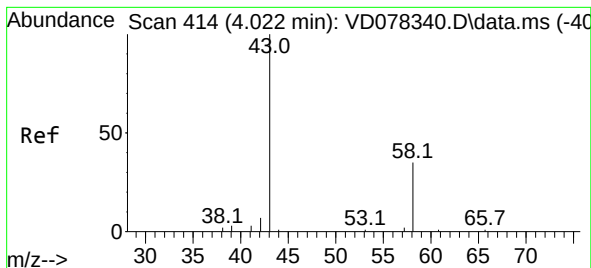
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Feb 06 00:51:05 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.659 ug/L

RT: 4.023 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD078348.D

Acq: 05 Feb 2024 15:39

Instrument :

MSVOA_D

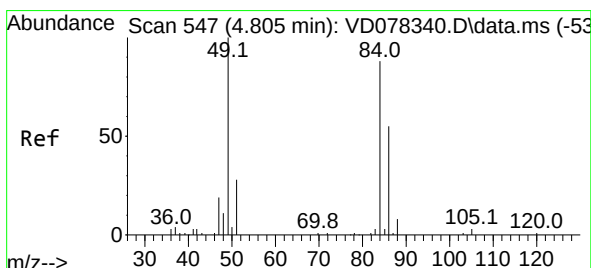
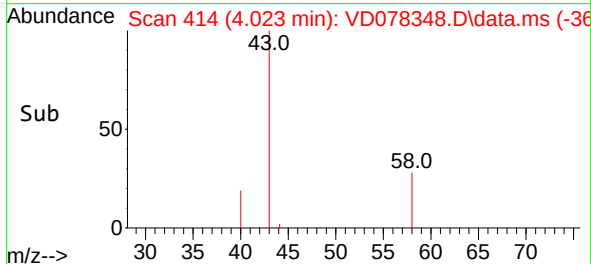
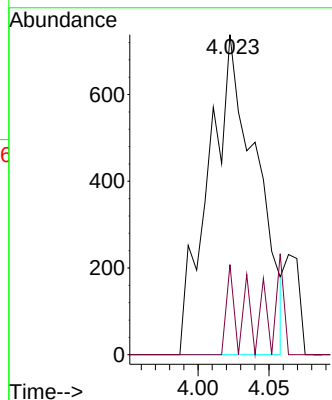
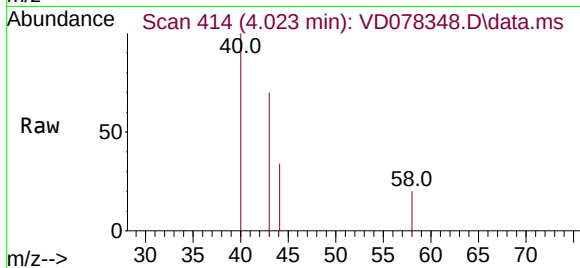
ClientSampleId :

Tgt Ion: 43 Resp: 1726

Ion Ratio Lower Upper

43 100

58 4.2 0.0 67.2



#16

Methylene chloride

Concen: 3.383 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD078348.D

Acq: 05 Feb 2024 15:39

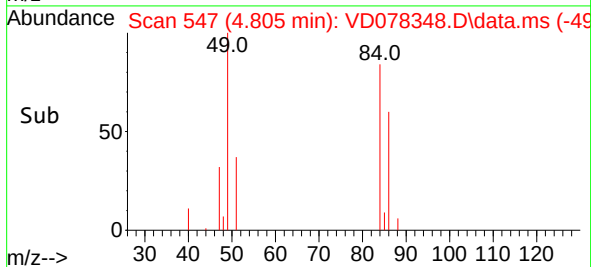
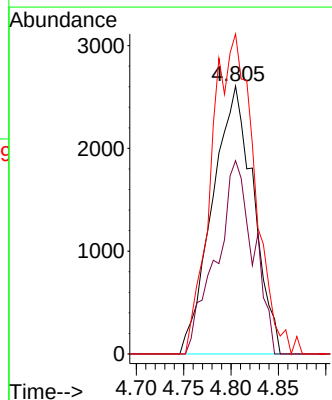
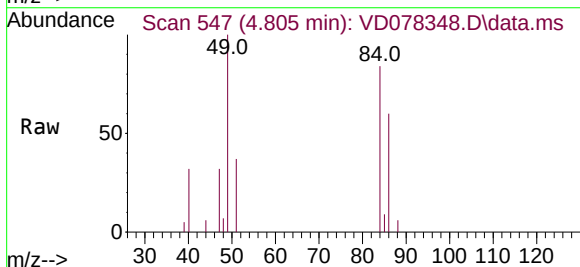
Tgt Ion: 84 Resp: 7853

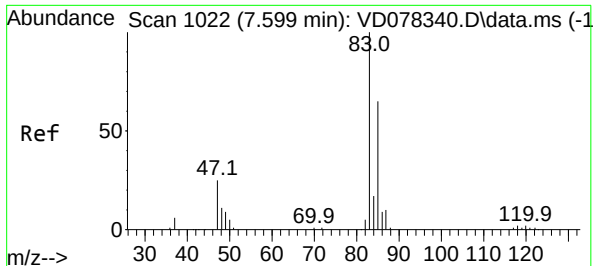
Ion Ratio Lower Upper

84 100

86 72.1 45.4 84.2

49 119.5 77.3 143.7





#25

Chloroform

Concen: 0.939 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.011 min

Lab File: VD078348.D

Acq: 05 Feb 2024 15:39

Instrument :

MSVOA_D

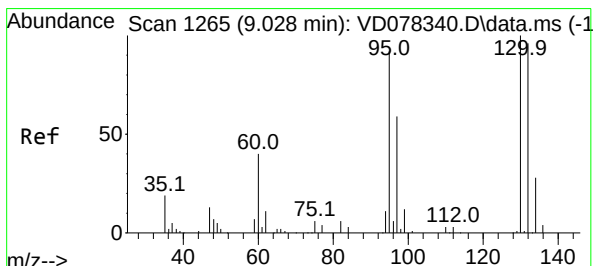
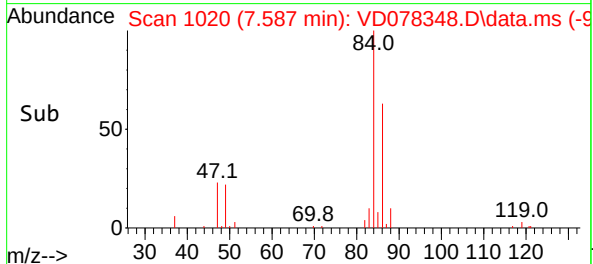
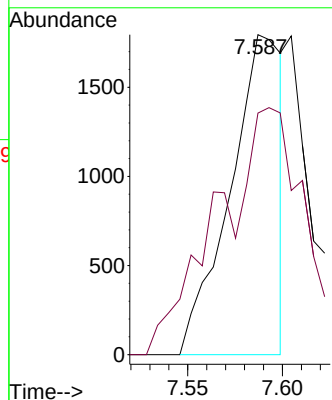
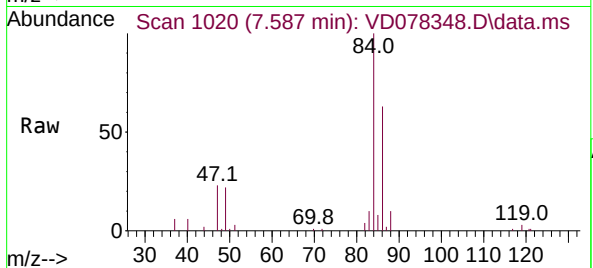
ClientSampleId :

Tgt Ion: 83 Resp: 3394

Ion Ratio Lower Upper

83 100

85 75.5 44.9 83.3



#34

Trichloroethene

Concen: 1.800 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD078348.D

Acq: 05 Feb 2024 15:39

Tgt Ion: 95 Resp: 3313

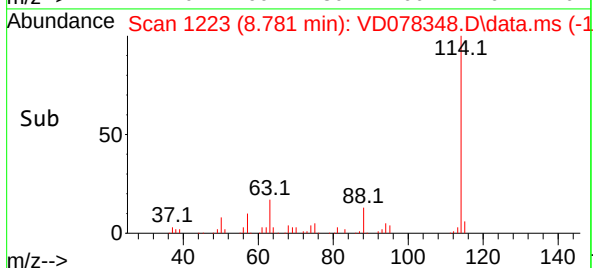
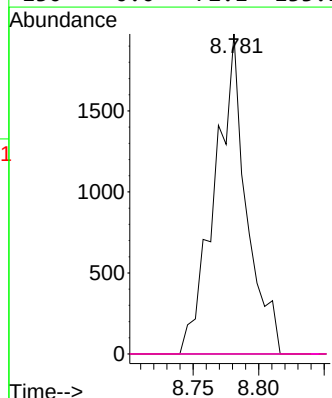
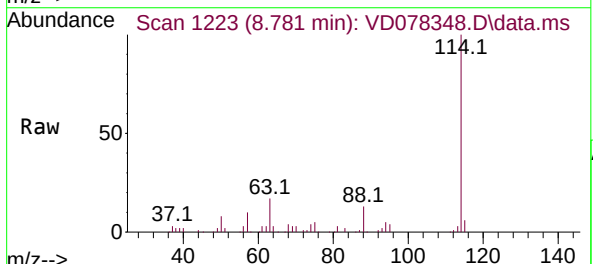
Ion Ratio Lower Upper

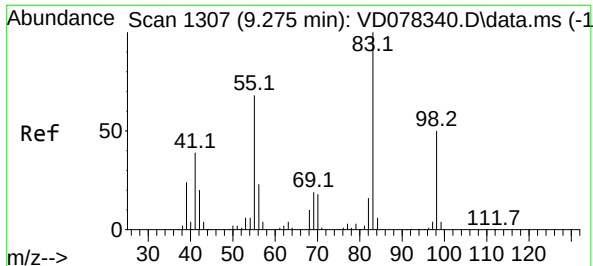
95 100

97 0.0 46.9 87.1#

132 0.0 73.7 136.9#

130 0.0 72.1 133.9#





#35

Methylcyclohexane

Concen: 4.256 ug/L

RT: 9.216 min Scan# 1297

Delta R.T. -0.059 min

Lab File: VD078348.D

Acq: 05 Feb 2024 15:39

Instrument :

MSVOA_D

ClientSampleId :

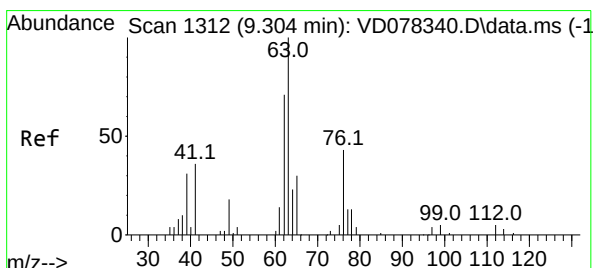
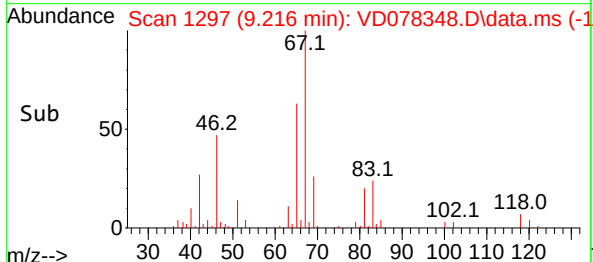
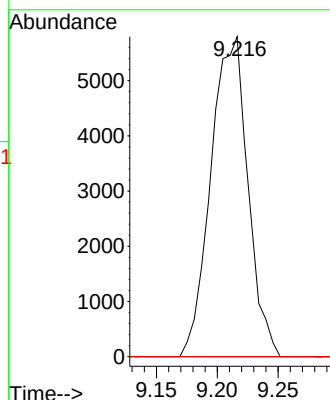
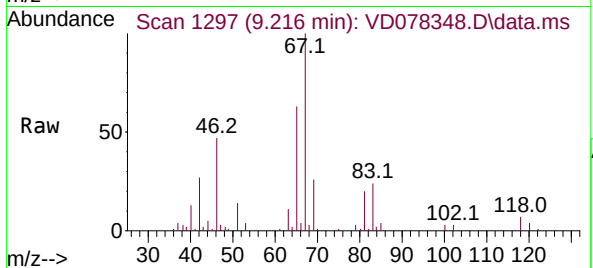
Tgt Ion: 83 Resp: 12257

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: 3.087 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD078348.D

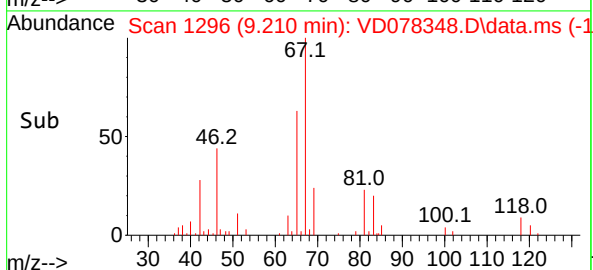
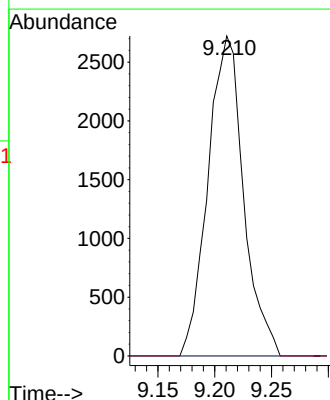
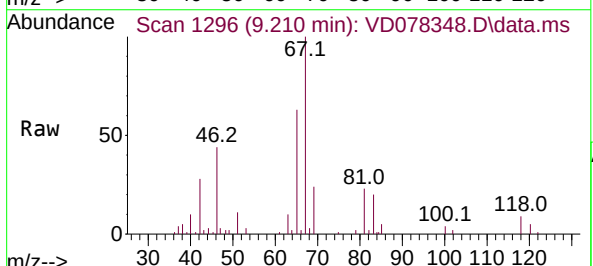
Acq: 05 Feb 2024 15:39

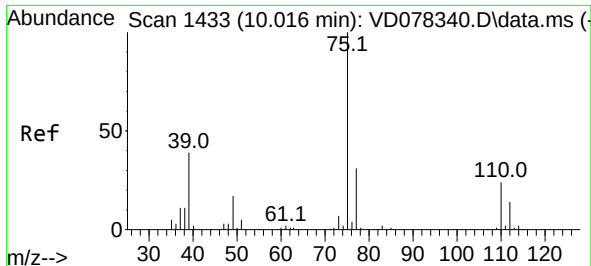
Tgt Ion: 63 Resp: 5928

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.549 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD078348.D

Acq: 05 Feb 2024 15:39

Instrument :

MSVOA_D

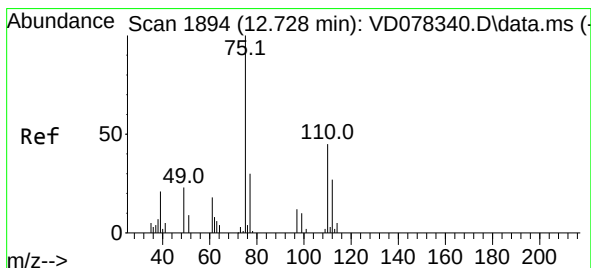
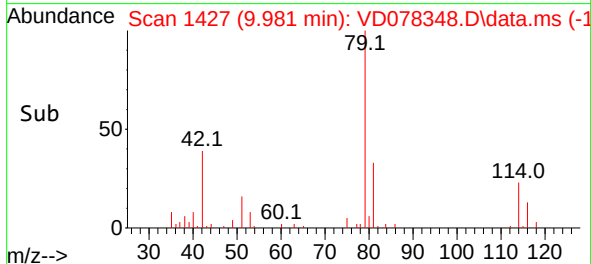
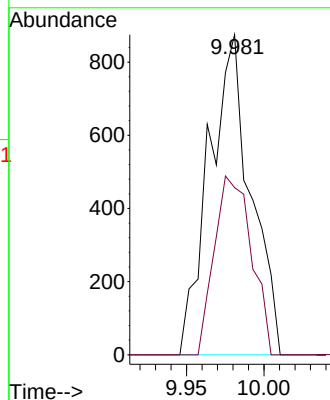
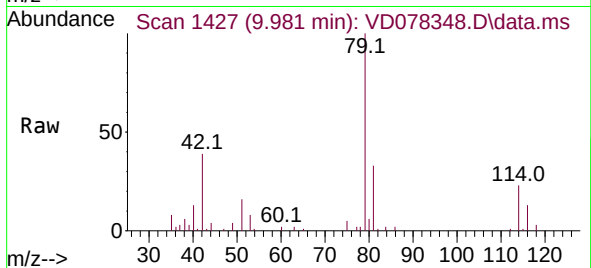
ClientSampleId :

Tgt Ion: 75 Resp: 1640

Ion Ratio Lower Upper

75 100

77 52.2 22.3 41.5#



#61

1,2,3-Trichloropropane

Concen: 5.359 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.788 min

Lab File: VD078348.D

Acq: 05 Feb 2024 15:39

Tgt Ion: 75 Resp: 4921

Ion Ratio Lower Upper

75 100

77 31.4 26.5 39.7

110 1.7 31.8 47.8#

