

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052324\
 Data File : VD078997.D
 Acq On : 23 May 2024 11:58
 Operator : RP/MD
 Sample : P2568-13
 Misc : 5.19G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 02:13:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

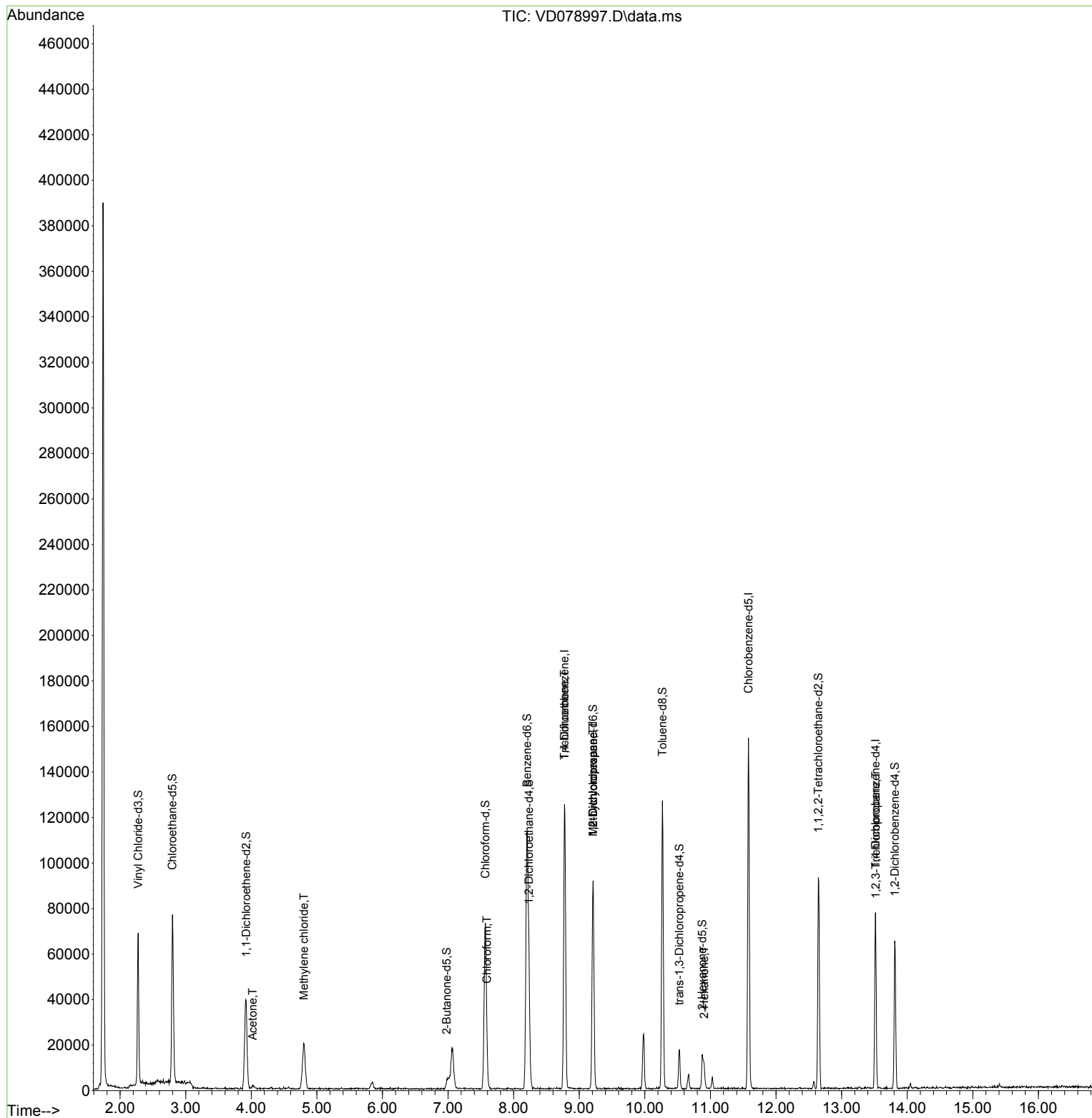
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	121550	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	93185	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	21845	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	60206	20.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.840%
7) Chloroethane-d5	2.799	69	77738	24.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	3.922	65	11591	19.942	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.760%
21) 2-Butanone-d5	6.981	46	4186	9.925	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.860%#
24) Chloroform-d	7.569	84	78964	21.822	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	8.234	65	38540	22.427	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.720%
32) Benzene-d6	8.204	84	128736	27.075	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.320%
36) 1,2-Dichloropropane-d6	9.210	67	47218	32.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.360%#
41) Toluene-d8	10.269	98	90916	20.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.960%
43) trans-1,3-Dichloroprop...	10.528	79	10904	16.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.360%
47) 2-Hexanone-d5	10.875	63	4745	16.342	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.680%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	48707	29.555	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.200%
66) 1,2-Dichlorobenzene-d4	13.810	152	19095	25.754	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.000%
Target Compounds					Qvalue	
13) Acetone	4.022	43	1710	3.356	ug/L	83
16) Methylene chloride	4.805	84	16908	5.872	ug/L	92
25) Chloroform	7.593	83	2732	0.632	ug/L	97
34) Trichloroethene	8.775	95	3262	1.982	ug/L #	3
35) Methylcyclohexane	9.210	83	11529	4.660	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	4614	2.850	ug/L #	85
48) 2-Hexanone	10.904	43	4549	7.177	ug/L #	37
61) 1,2,3-Trichloropropane	13.522	75	2507	5.007	ug/L #	56

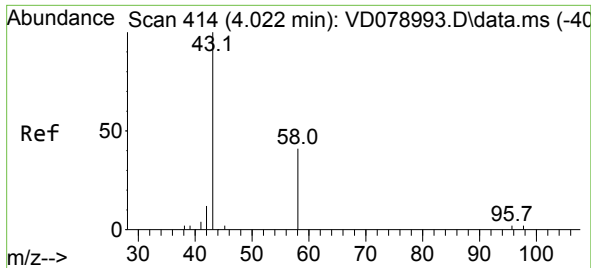
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration





#13

Acetone

Concen: 3.356 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD078997.D

Acq: 23 May 2024 11:58

Instrument :

MSVOA_D

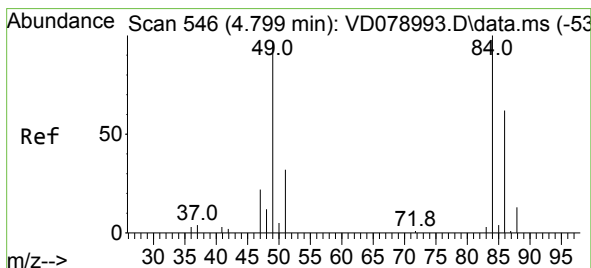
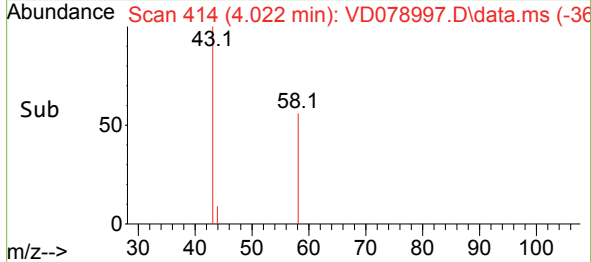
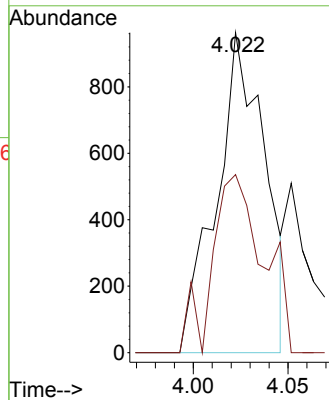
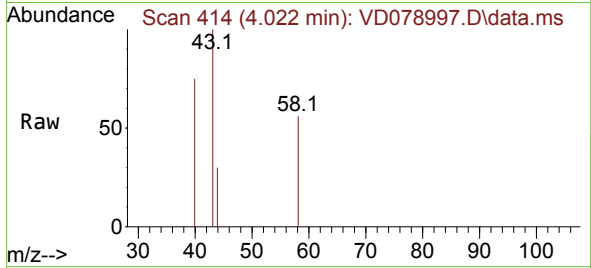
ClientSampleId :

Tgt Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

58 47.5 0.0 75.0



#16

Methylene chloride

Concen: 5.872 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD078997.D

Acq: 23 May 2024 11:58

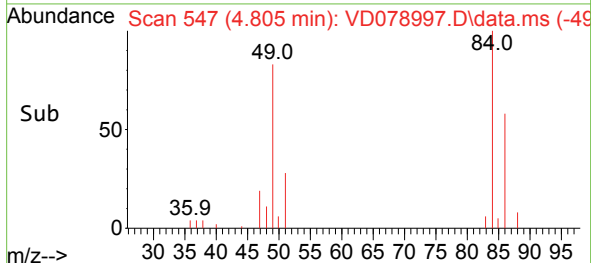
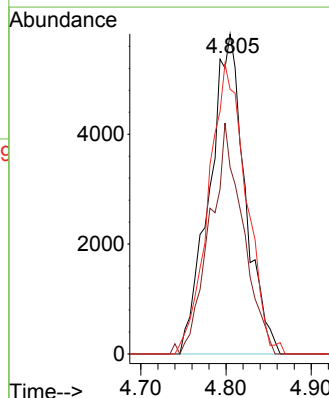
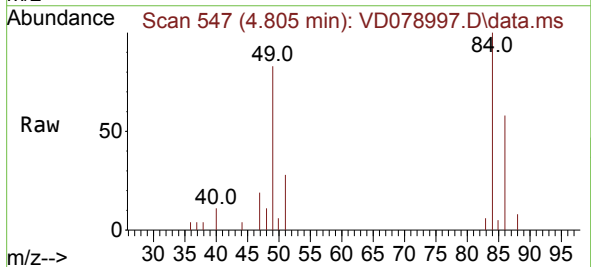
Tgt Ion: 84 Resp: 16908

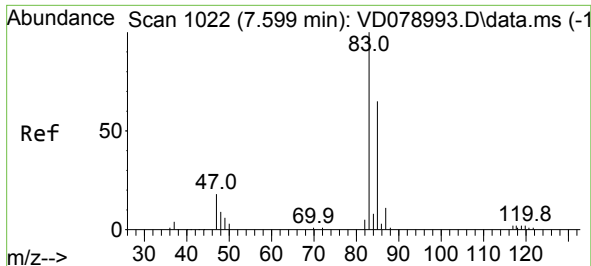
Ion Ratio Lower Upper

84 100

86 58.3 43.7 81.1

49 82.7 64.0 119.0





#25

Chloroform

Concen: 0.632 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078997.D

Acq: 23 May 2024 11:58

Instrument :

MSVOA_D

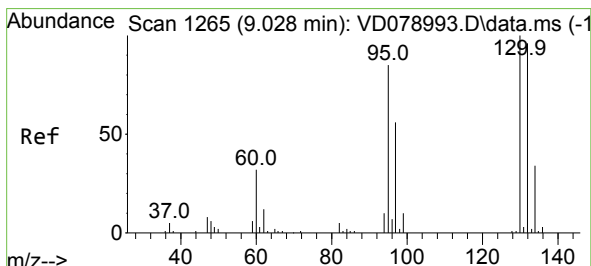
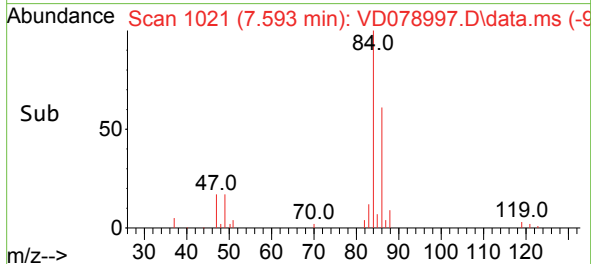
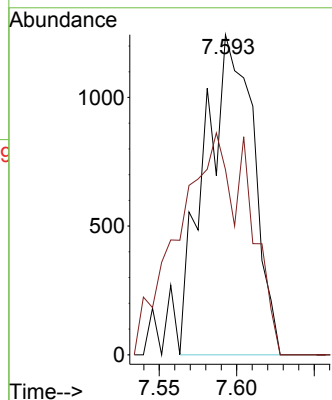
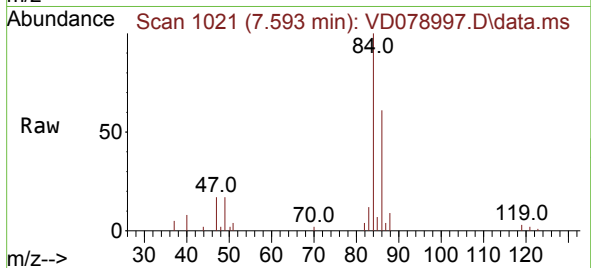
ClientSampleId :

Tgt Ion: 83 Resp: 2732

Ion Ratio Lower Upper

83 100

85 57.8 41.8 77.6



#34

Trichloroethene

Concen: 1.982 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD078997.D

Acq: 23 May 2024 11:58

Tgt Ion: 95 Resp: 3262

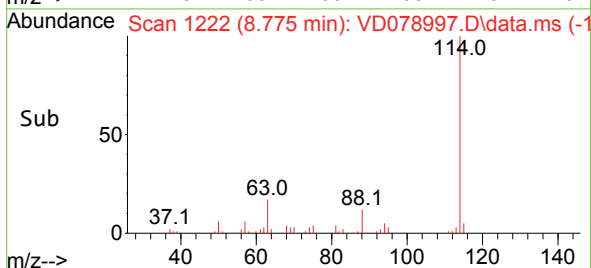
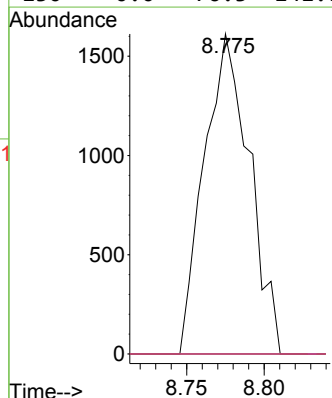
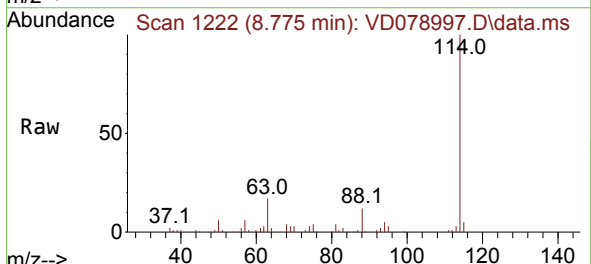
Ion Ratio Lower Upper

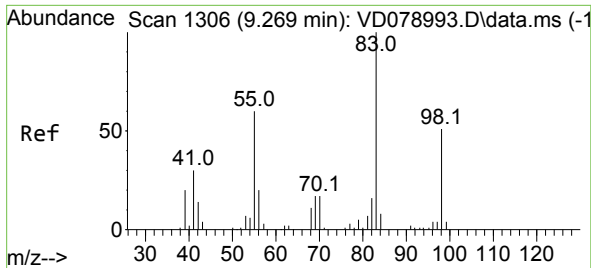
95 100

97 0.0 42.6 79.2#

132 0.0 69.5 129.1#

130 0.0 76.3 141.7#

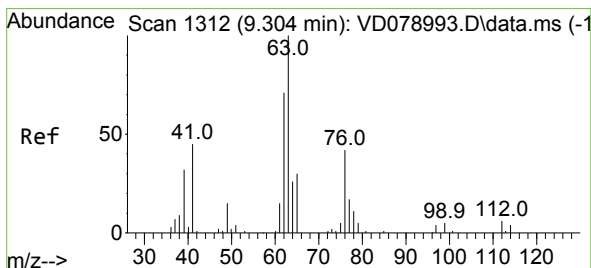
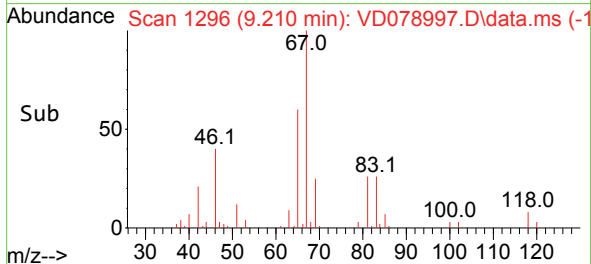
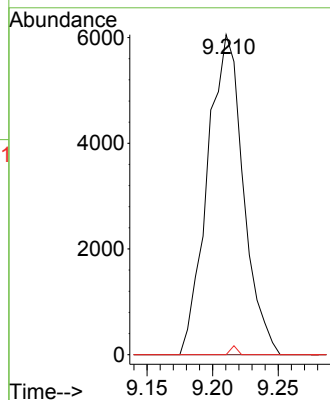
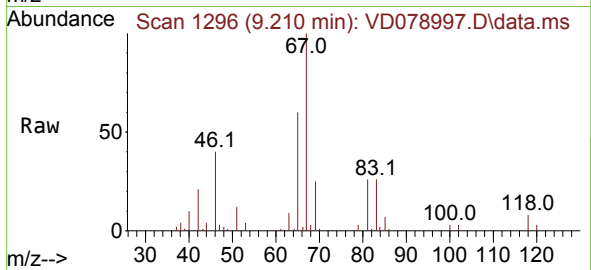




#35
Methylcyclohexane
Concen: 4.660 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD078997.D
Acq: 23 May 2024 11:58

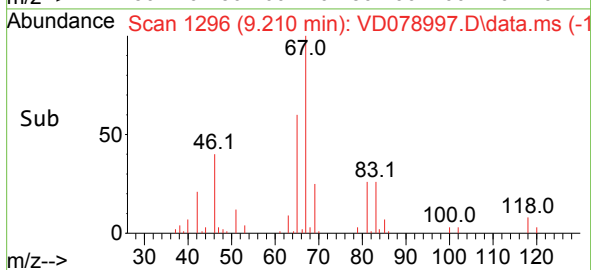
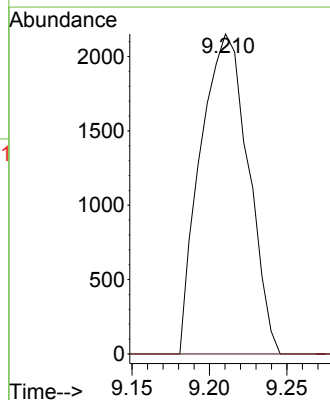
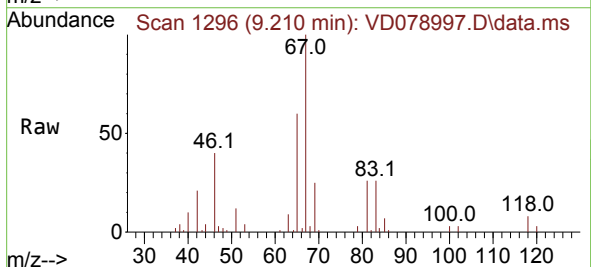
Instrument :
MSVOA_D
ClientSampleId :

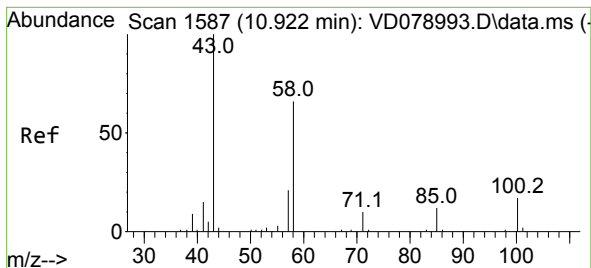
Tgt Ion: 83 Resp: 11529
Ion Ratio Lower Upper
83 100
55 0.0 49.0 73.6#
98 0.0 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 2.850 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD078997.D
Acq: 23 May 2024 11:58

Tgt Ion: 63 Resp: 4614
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#48

2-Hexanone

Concen: 7.177 ug/L

RT: 10.904 min Scan# 1

Delta R.T. -0.018 min

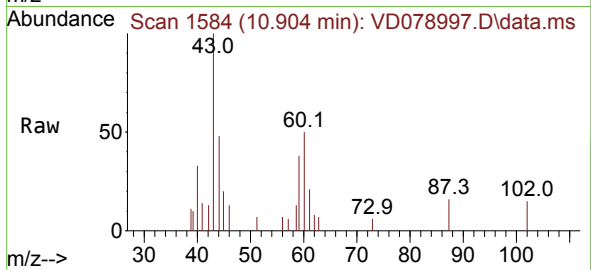
Lab File: VD078997.D

Acq: 23 May 2024 11:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 4549

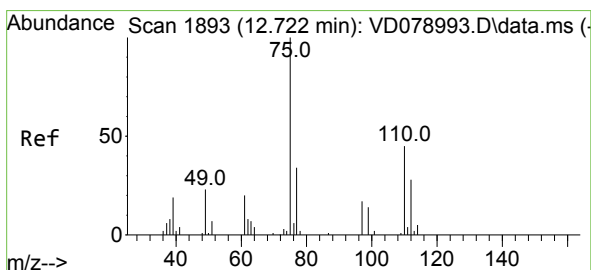
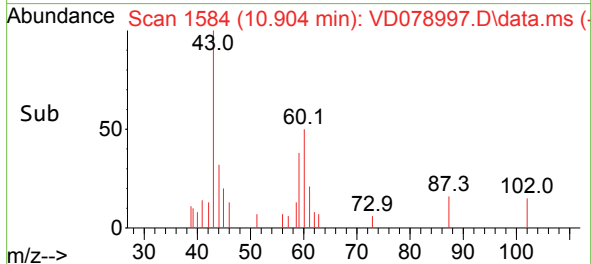
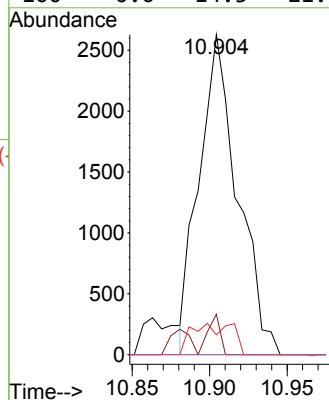
Ion Ratio Lower Upper

43 100

58 4.0 53.4 80.2#

57 6.5 17.0 25.4#

100 0.0 14.3 21.5#



#61

1,2,3-Trichloropropane

Concen: 5.007 ug/L

RT: 13.522 min Scan# 2029

Delta R.T. 0.800 min

Lab File: VD078997.D

Acq: 23 May 2024 11:58

Tgt Ion: 75 Resp: 2507

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.2

110 0.0 37.1 55.7#

