

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052324\
 Data File : VD078998.D
 Acq On : 23 May 2024 12:25
 Operator : RP/MD
 Sample : P2568-14
 Misc : 6.06G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 02:14:15 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)

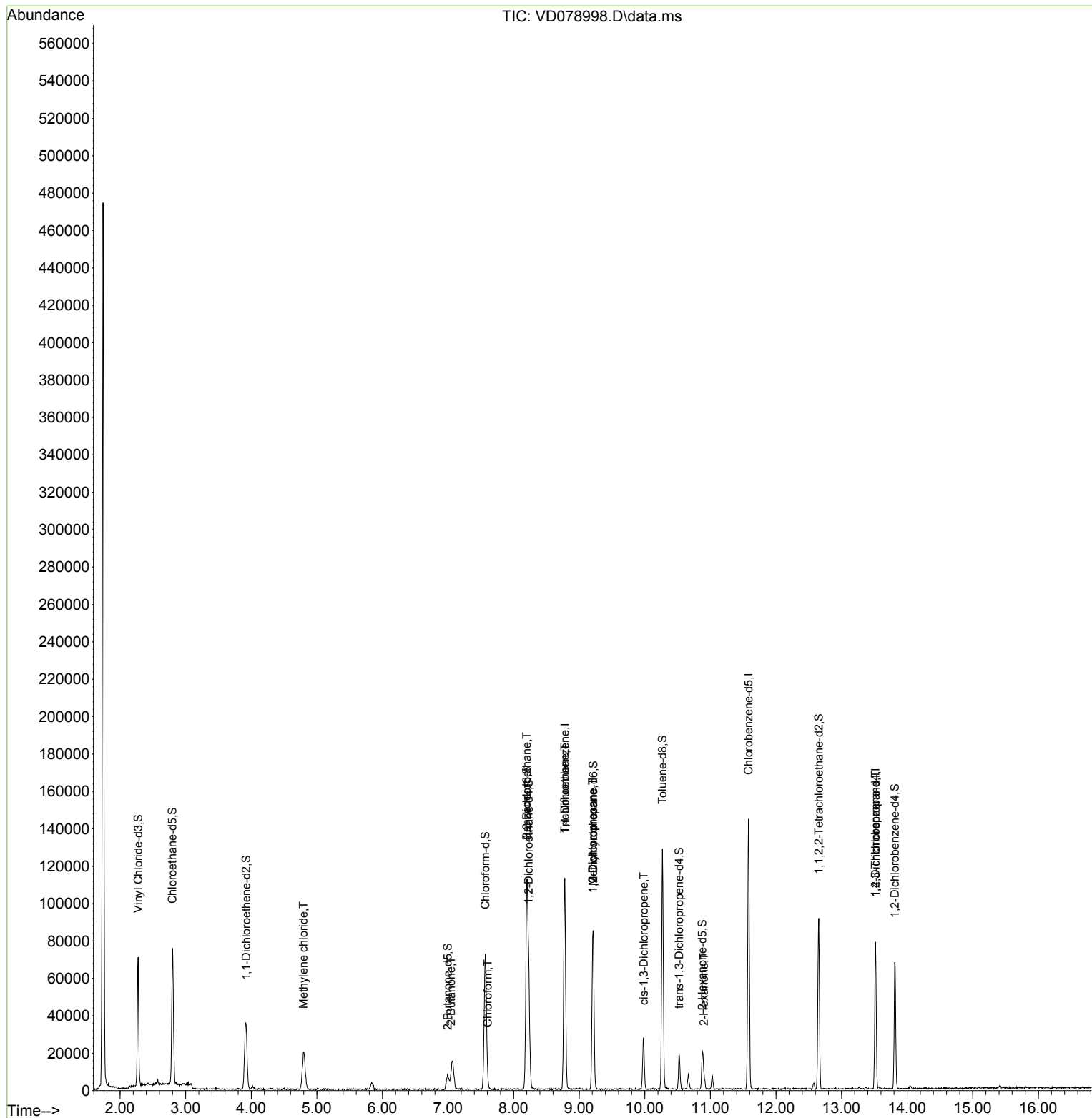
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	107044	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	88397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	21353	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	60276	22.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.880%
7) Chloroethane-d5	2.799	69	76233	27.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.560%
11) 1,1-Dichloroethene-d2	3.922	65	10476	20.466	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.880%
21) 2-Butanone-d5	6.993	46	10963	29.516	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.040%
24) Chloroform-d	7.569	84	76433	23.985	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.960%
26) 1,2-Dichloroethane-d4	8.228	65	40114	26.507	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.040%
32) Benzene-d6	8.199	84	125638	27.855	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.440%
36) 1,2-Dichloropropane-d6	9.216	67	44874	32.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.600%#
41) Toluene-d8	10.269	98	90415	21.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	10.522	79	10969	17.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.320%
47) 2-Hexanone-d5	10.875	63	6577	23.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.760%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	47787	30.567	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.280%#
66) 1,2-Dichlorobenzene-d4	13.810	152	20366	28.101	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.400%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	17675	6.971	ug/L	91
22) 2-Butanone	7.046	43	1580	3.063	ug/L #	41
25) Chloroform	7.605	83	1391	0.366	ug/L	87
27) 1,2-Dichloroethane	8.199	62	482	0.219	ug/L #	68
34) Trichloroethene	8.781	95	3000	1.922	ug/L #	3
35) Methylcyclohexane	9.210	83	10987	4.682	ug/L #	23
37) 1,2-Dichloropropane	9.204	63	4678	3.046	ug/L #	85
39) cis-1,3-Dichloropropene	9.987	75	530	0.220	ug/L #	79
48) 2-Hexanone	10.899	43	1562	2.598	ug/L #	43
61) 1,2,3-Trichloropropane	13.516	75	2846	5.815	ug/L #	45

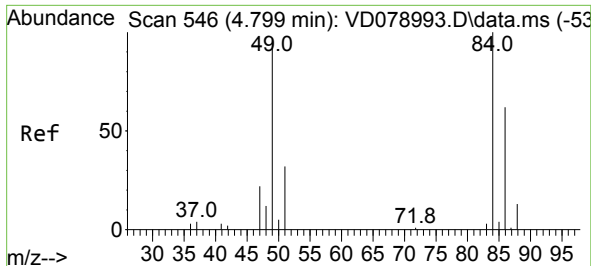
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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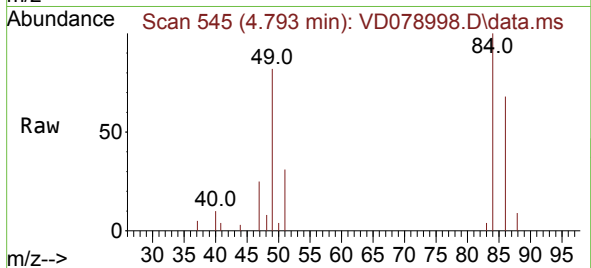
Quant Time: May 24 02:14:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration



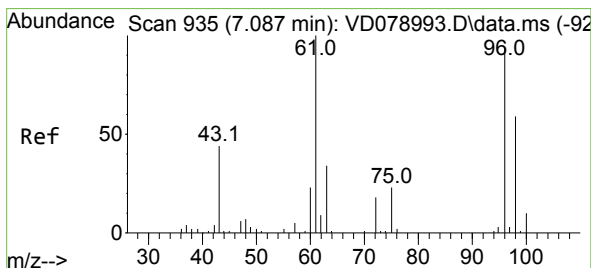
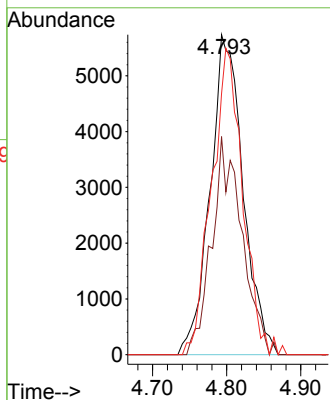
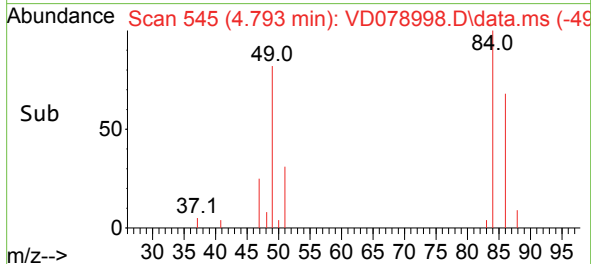


#16
Methylene chloride
Concen: 6.971 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078998.D
Acq: 23 May 2024 12:25

Instrument :
MSVOA_D
ClientSampleId :

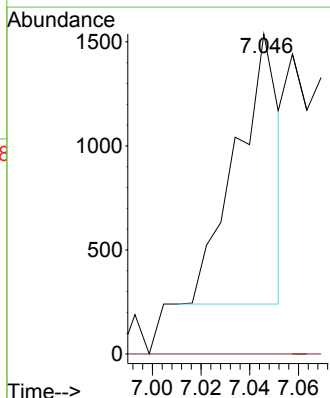
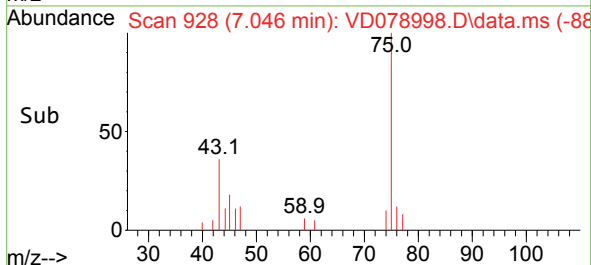
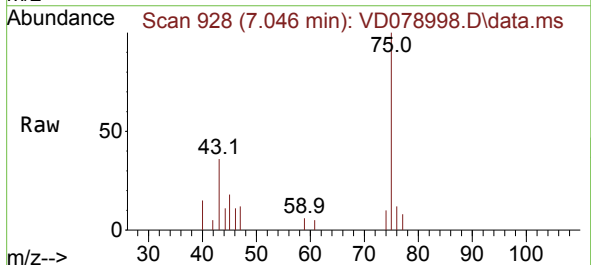


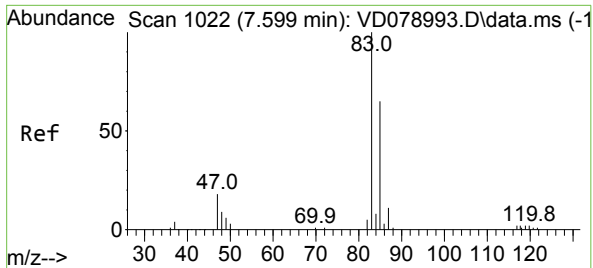
Tgt Ion: 84 Resp: 17675
Ion Ratio Lower Upper
84 100
86 68.2 43.7 81.1
49 81.6 64.0 119.0



#22
2-Butanone
Concen: 3.063 ug/L
RT: 7.046 min Scan# 928
Delta R.T. -0.041 min
Lab File: VD078998.D
Acq: 23 May 2024 12:25

Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
72 0.0 17.1 51.2#





#25

Chloroform

Concen: 0.366 ug/L

RT: 7.605 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD078998.D

Acq: 23 May 2024 12:25

Instrument :

MSVOA_D

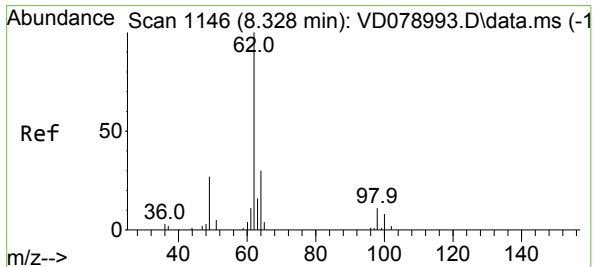
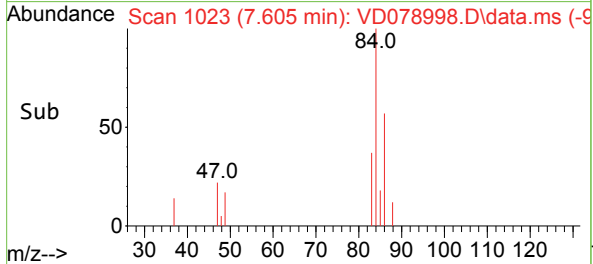
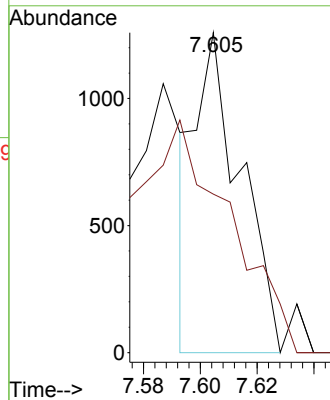
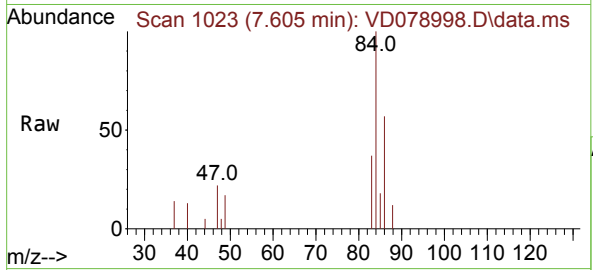
ClientSampleId :

Tgt Ion: 83 Resp: 1391

Ion Ratio Lower Upper

83 100

85 49.6 41.8 77.6



#27

1,2-Dichloroethane

Concen: 0.219 ug/L

RT: 8.199 min Scan# 1124

Delta R.T. -0.129 min

Lab File: VD078998.D

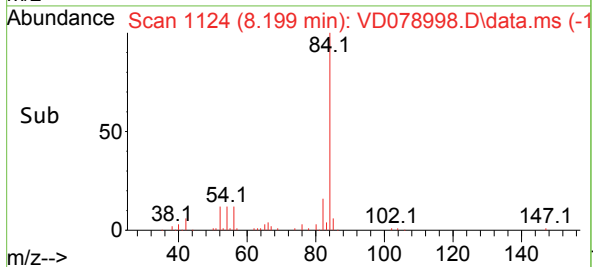
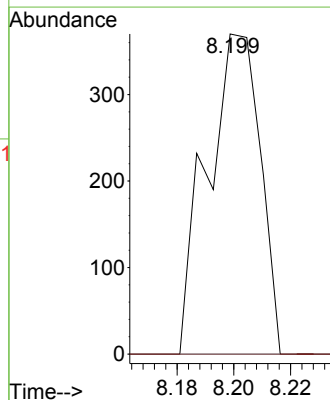
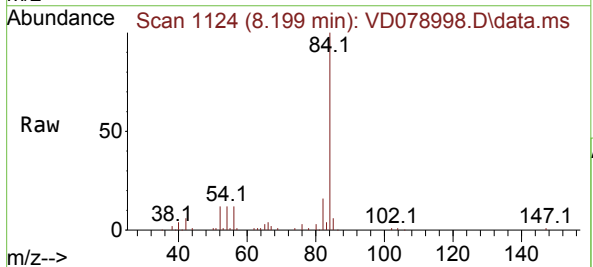
Acq: 23 May 2024 12:25

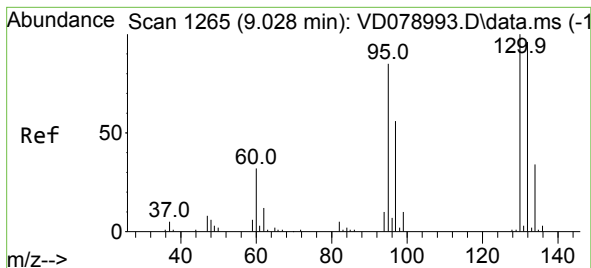
Tgt Ion: 62 Resp: 482

Ion Ratio Lower Upper

62 100

98 0.0 10.2 15.4#





#34

Trichloroethene

Concen: 1.922 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD078998.D

Acq: 23 May 2024 12:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 3000

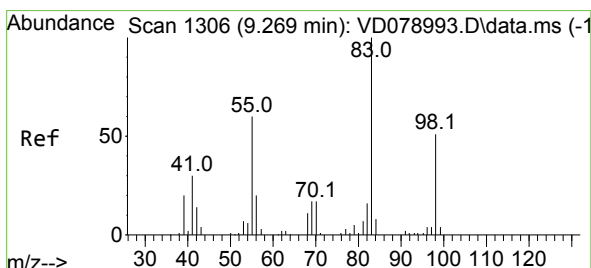
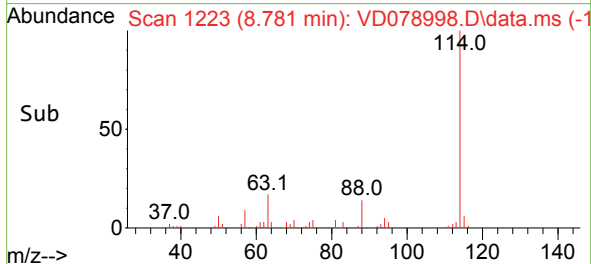
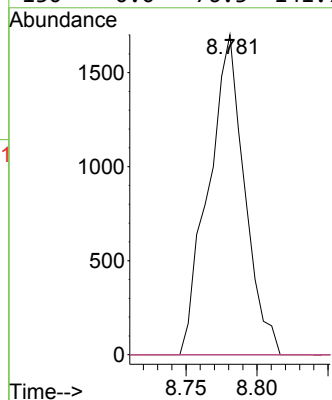
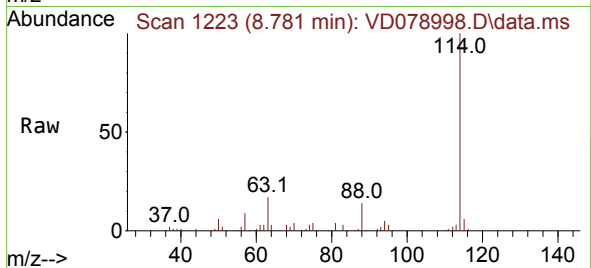
Ion Ratio Lower Upper

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: 4.682 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD078998.D

Acq: 23 May 2024 12:25

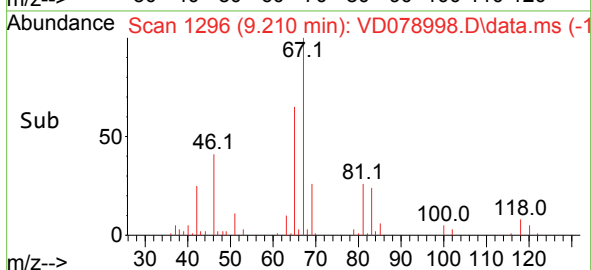
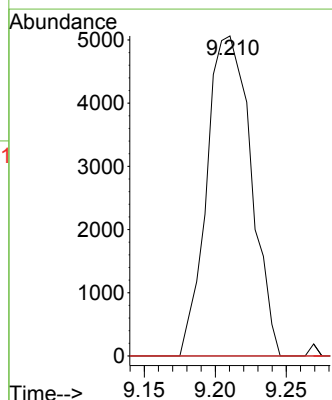
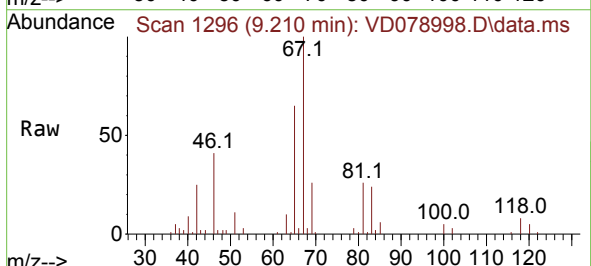
Tgt Ion: 83 Resp: 10987

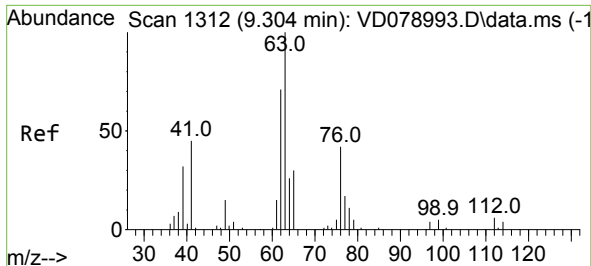
Ion Ratio Lower Upper

83 100

55 0.0 49.0 73.6#

98 0.0 40.1 60.1#





#37

1,2-Dichloropropane

Concen: 3.046 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD078998.D

Acq: 23 May 2024 12:25

Instrument :

MSVOA_D

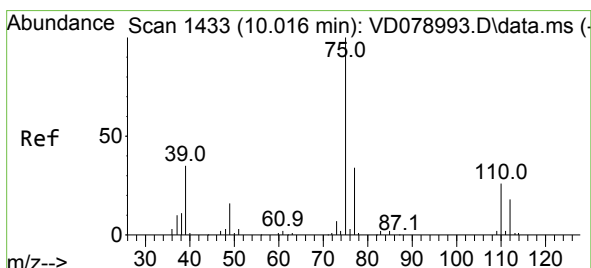
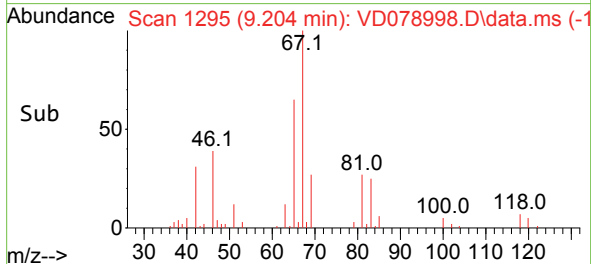
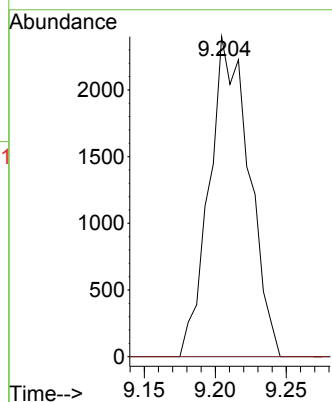
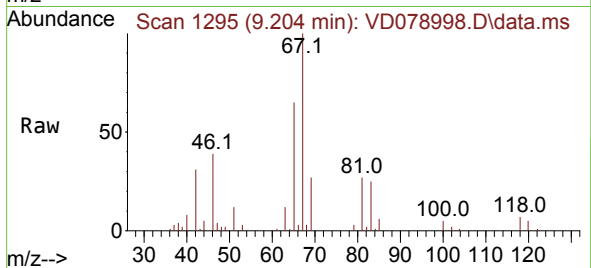
ClientSampleId :

Tgt Ion: 63 Resp: 4678

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.220 ug/L

RT: 9.987 min Scan# 1428

Delta R.T. -0.029 min

Lab File: VD078998.D

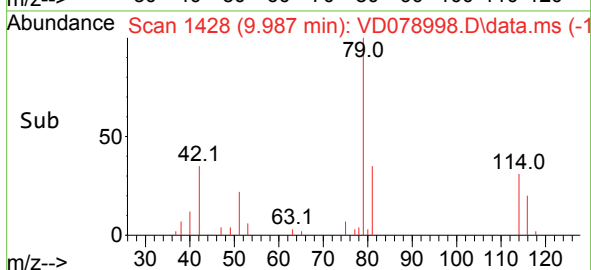
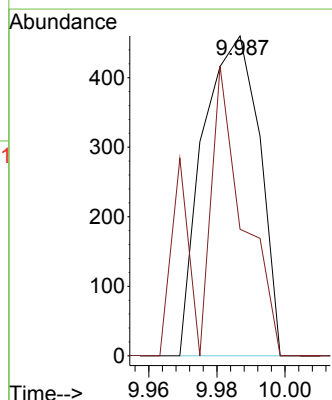
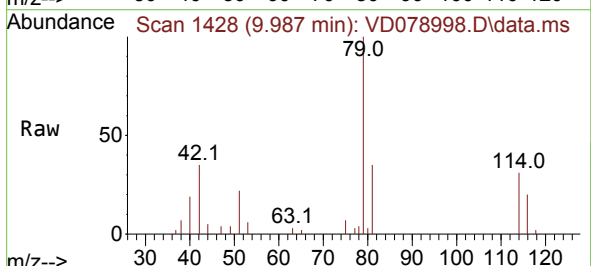
Acq: 23 May 2024 12:25

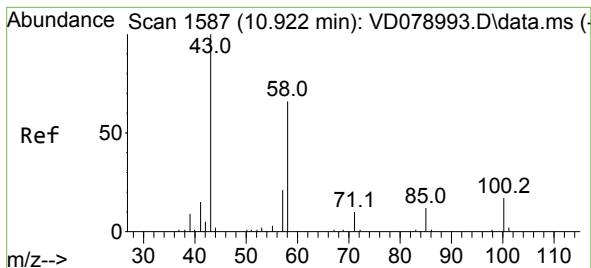
Tgt Ion: 75 Resp: 530

Ion Ratio Lower Upper

75 100

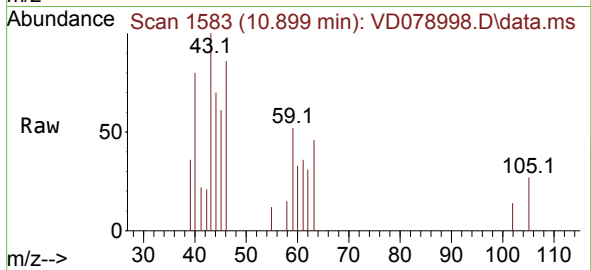
77 39.6 20.0 37.2#



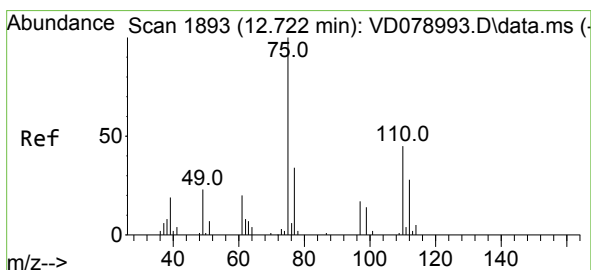
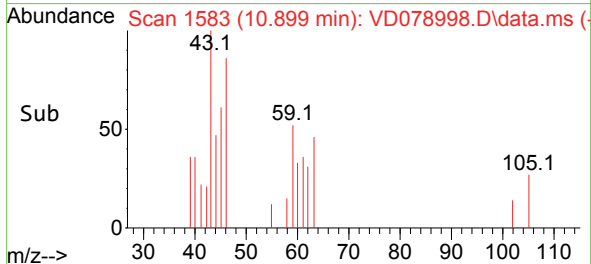
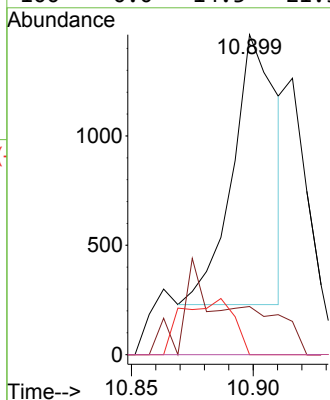


#48
2-Hexanone
Concen: 2.598 ug/L
RT: 10.899 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD078998.D
Acq: 23 May 2024 12:25

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
58 6.4 53.4 80.2#
57 14.5 17.0 25.4#
100 0.0 14.3 21.5#



#61
1,2,3-Trichloropropane
Concen: 5.815 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD078998.D
Acq: 23 May 2024 12:25

Tgt Ion: 75 Resp: 2846
Ion Ratio Lower Upper
75 100
77 13.8 26.2 39.2#
110 0.0 37.1 55.7#

