

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079031.D
 Acq On : 24 May 2024 21:39
 Operator : RP/MD
 Sample : P2570-02
 Misc : 3.97G/10ml/MSVOA_D/SOIL/VIAL B
 ALS Vial : 27 Sample Multiplier: 1

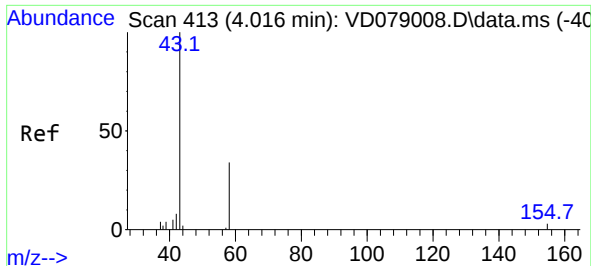
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:28:02 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	234014	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	224047	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	85713	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	133988	23.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.440%
7) Chloroethane-d5	2.793	69	132665	21.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	3.905	65	11499	10.276	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.120%#
21) 2-Butanone-d5	6.987	46	18387	22.644	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.280%
24) Chloroform-d	7.563	84	102437	14.704	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	58.800%
26) 1,2-Dichloroethane-d4	8.228	65	55008	16.627	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.520%#
32) Benzene-d6	8.198	84	215371	18.839	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.360%
36) 1,2-Dichloropropane-d6	9.204	67	61533	17.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.680%
41) Toluene-d8	10.269	98	187036	17.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	10.522	79	24552	15.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.200%
47) 2-Hexanone-d5	10.875	63	15550	22.274	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.540%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	55522	14.012	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	56.040%
66) 1,2-Dichlorobenzene-d4	13.810	152	55456	19.062	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.240%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	3135	3.196	ug/L	61
16) Methylene chloride	4.793	84	10294	1.857	ug/L	97
25) Chloroform	7.587	83	3519	0.423	ug/L #	61
34) Trichloroethene	8.775	95	6237	1.576	ug/L #	3
35) Methylcyclohexane	9.204	83	15905	2.674	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	6580	1.691	ug/L #	85
39) cis-1,3-Dichloropropene	9.987	75	1572	0.257	ug/L #	79
61) 1,2,3-Trichloropropane	13.516	75	9443	4.806	ug/L #	57

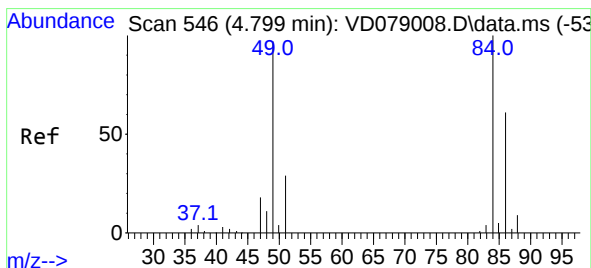
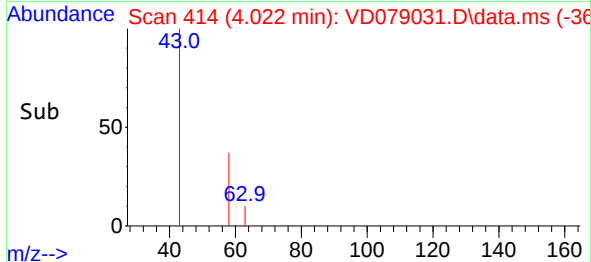
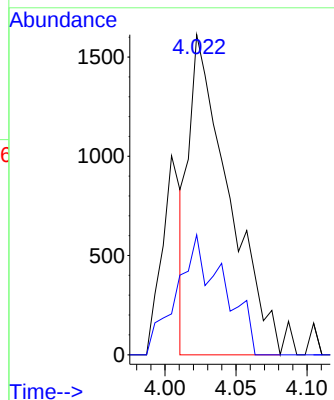
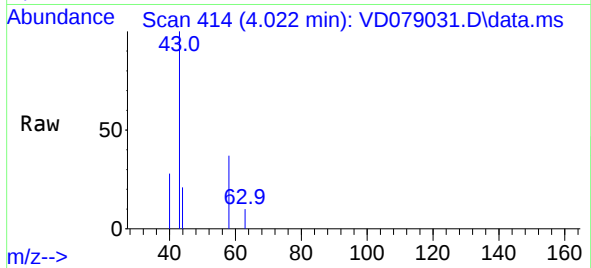
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 3.196 ug/L
RT: 4.022 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079031.D
Acq: 24 May 2024 21:39

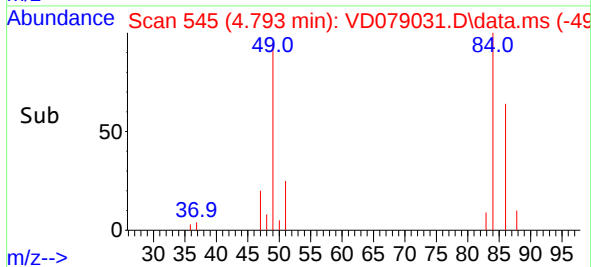
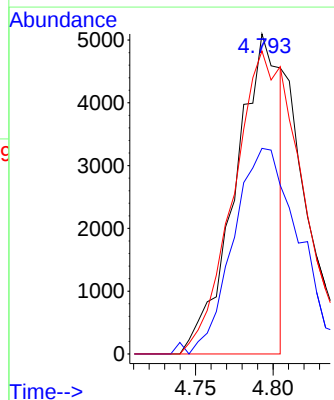
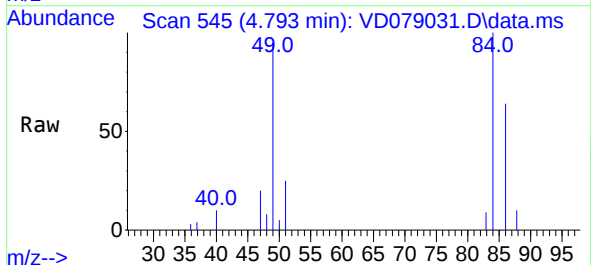
Instrument :
MSVOA_D
ClientSampleId :

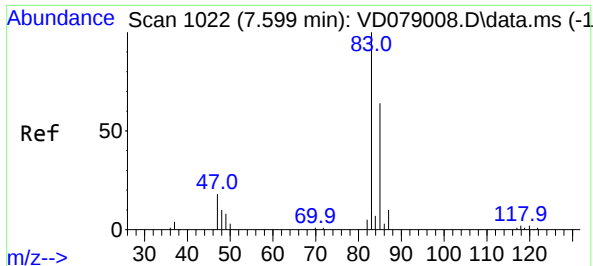
Tgt Ion: 43 Resp: 3135
Ion Ratio Lower Upper
43 100
58 14.3 0.0 75.0



#16
Methylene chloride
Concen: 1.857 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079031.D
Acq: 24 May 2024 21:39

Tgt Ion: 84 Resp: 10294
Ion Ratio Lower Upper
84 100
86 64.3 43.7 81.1
49 94.6 64.0 119.0





#25

Chloroform

Concen: 0.423 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.012 min

Lab File: VD079031.D

Acq: 24 May 2024 21:39

Instrument :

MSVOA_D

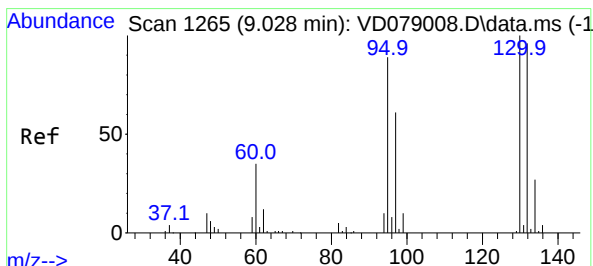
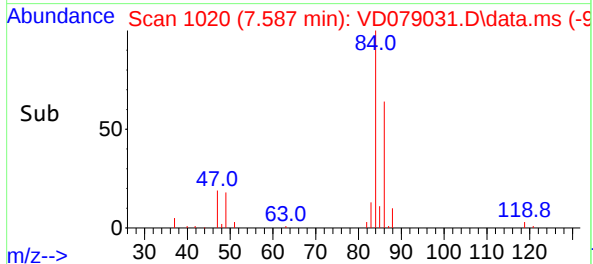
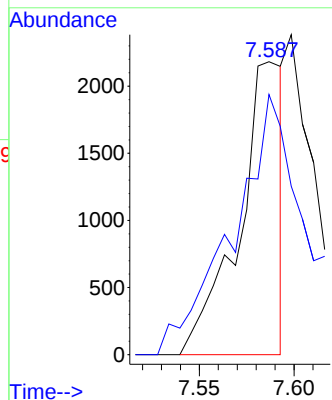
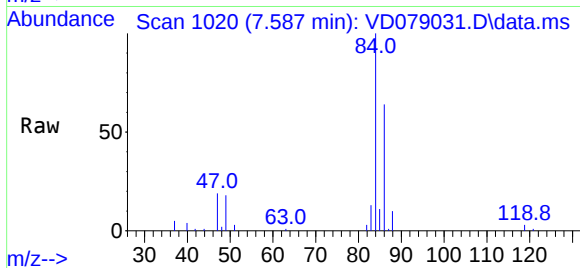
ClientSampleId :

Tgt Ion: 83 Resp: 3519

Ion Ratio Lower Upper

83 100

85 88.8 41.8 77.6#



#34

Trichloroethene

Concen: 1.576 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079031.D

Acq: 24 May 2024 21:39

Tgt Ion: 95 Resp: 6237

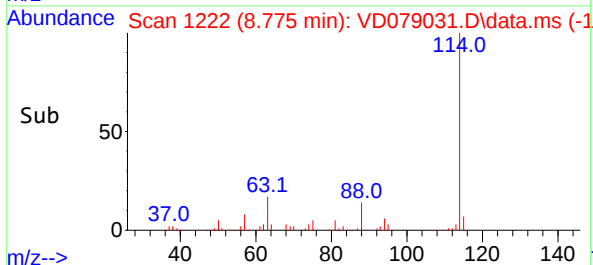
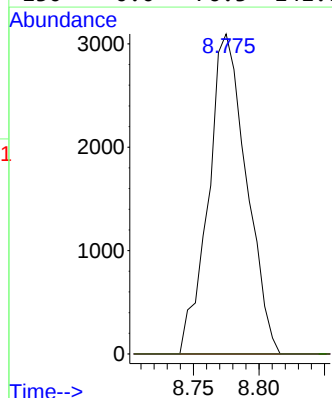
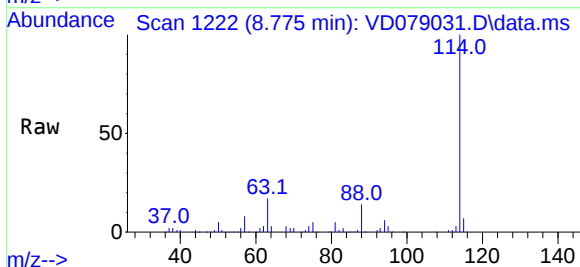
Ion Ratio Lower Upper

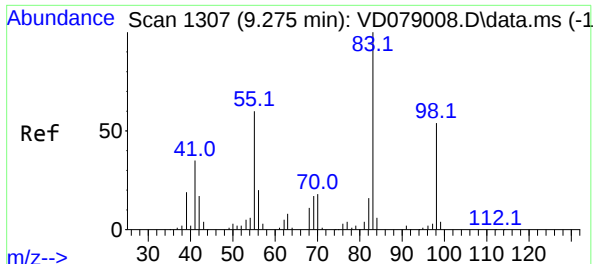
95 100

97 0.0 42.6 79.2#

132 0.0 69.5 129.1#

130 0.0 76.3 141.7#





#35

Methylcyclohexane

Concen: 2.674 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.065 min

Lab File: VD079031.D

Acq: 24 May 2024 21:39

Instrument :

MSVOA_D

ClientSampleId :

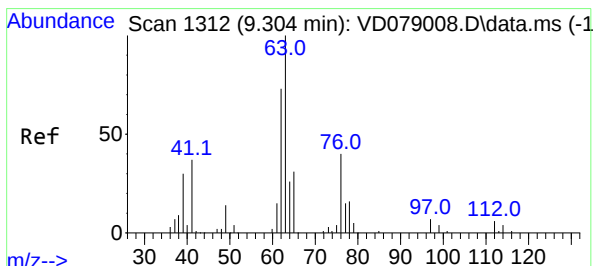
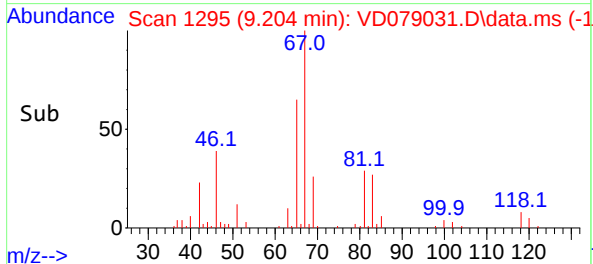
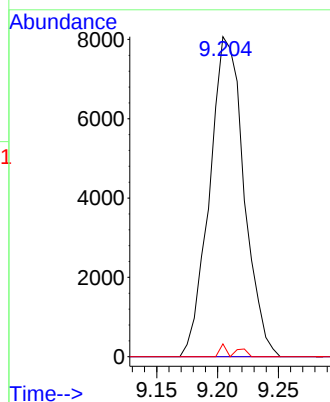
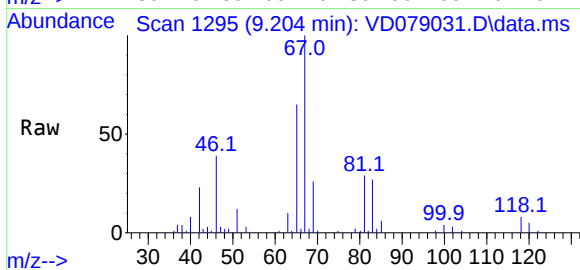
Tgt Ion: 83 Resp: 15905

Ion Ratio Lower Upper

83 100

55 0.0 49.0 73.6#

98 0.7 40.1 60.1#



#37

1,2-Dichloropropane

Concen: 1.691 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD079031.D

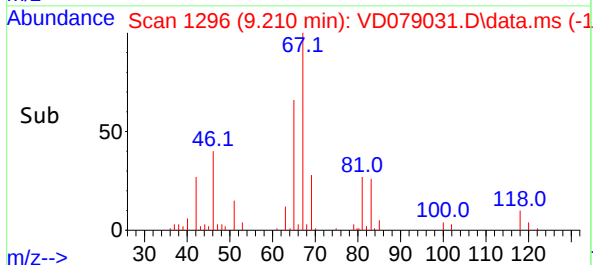
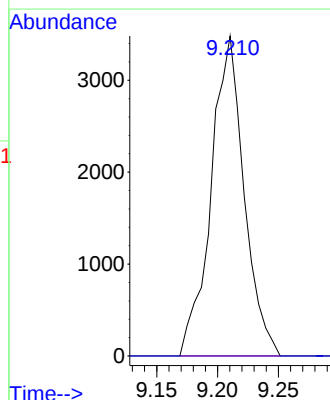
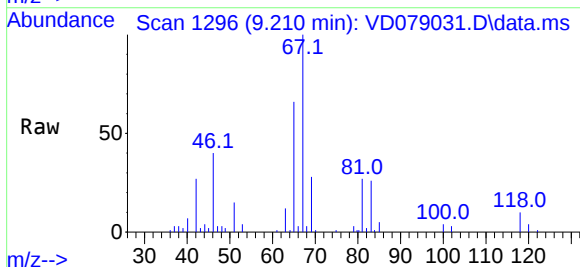
Acq: 24 May 2024 21:39

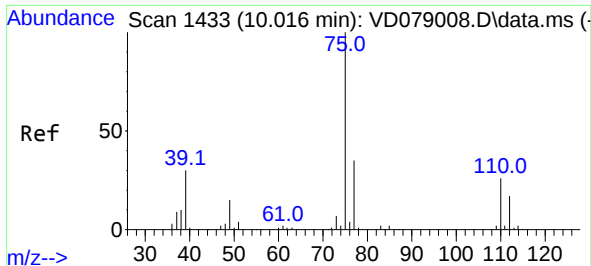
Tgt Ion: 63 Resp: 6580

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.257 ug/L

RT: 9.987 min Scan# 1433

Delta R.T. -0.030 min

Lab File: VD079031.D

Acq: 24 May 2024 21:39

Instrument :

MSVOA_D

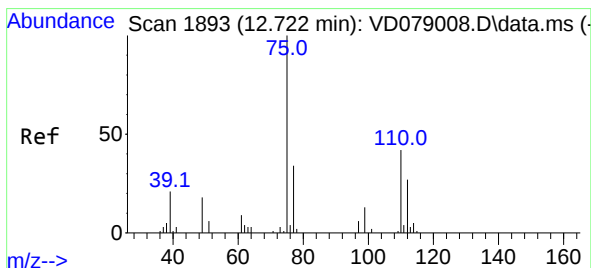
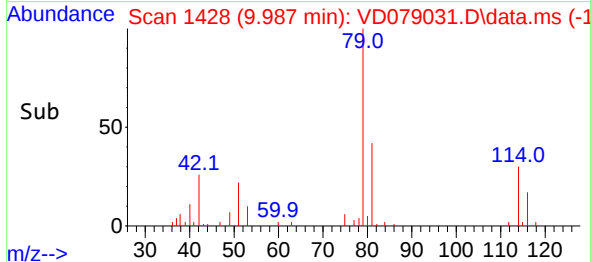
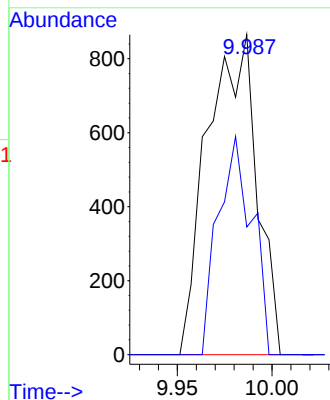
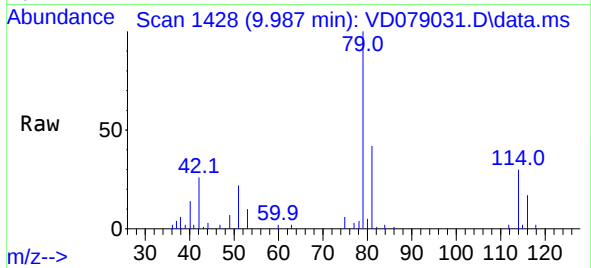
ClientSampleId :

Tgt Ion: 75 Resp: 1572

Ion Ratio Lower Upper

75 100

77 39.9 20.0 37.2#



#61

1,2,3-Trichloropropane

Concen: 4.806 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079031.D

Acq: 24 May 2024 21:39

Tgt Ion: 75 Resp: 9443

Ion Ratio Lower Upper

75 100

77 37.4 26.2 39.2

110 1.6 37.1 55.7#

