

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052324\
 Data File : VD079005.D
 Acq On : 23 May 2024 15:30
 Operator : RP/MD
 Sample : P2570-06
 Misc : 5.40G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

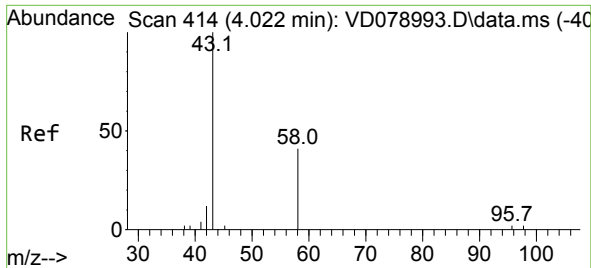
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 02:16:15 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	123370	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	108914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	33536	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	82469	27.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.080%
7) Chloroethane-d5	2.799	69	86017	26.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.280%
11) 1,1-Dichloroethene-d2	3.916	65	13622	23.091	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.360%
21) 2-Butanone-d5	6.981	46	7367	17.210	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.420%
24) Chloroform-d	7.575	84	69784	19.001	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	8.234	65	36695	21.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.160%
32) Benzene-d6	8.204	84	137452	24.734	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.920%
36) 1,2-Dichloropropane-d6	9.210	67	41646	24.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	10.269	98	111997	21.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.440%
43) trans-1,3-Dichloroprop...	10.528	79	15835	20.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.200%
47) 2-Hexanone-d5	10.875	63	8882	26.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.340%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	37336	19.383	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.520%
66) 1,2-Dichlorobenzene-d4	13.810	152	24804	21.791	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.160%
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	729	1.410	ug/L #	37
16) Methylene chloride	4.805	84	19176	6.562	ug/L	93
25) Chloroform	7.593	83	3414	0.779	ug/L	91
34) Trichloroethene	8.775	95	3076	1.599	ug/L #	3
35) Methylcyclohexane	9.210	83	10528	3.641	ug/L #	23
39) cis-1,3-Dichloropropene	9.981	75	952	0.321	ug/L #	42
48) 2-Hexanone	10.893	43	1296	1.749	ug/L #	51
61) 1,2,3-Trichloropropane	13.516	75	3713	4.830	ug/L #	53

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



#13

Acetone

Concen: 1.410 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

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MSVOA_D

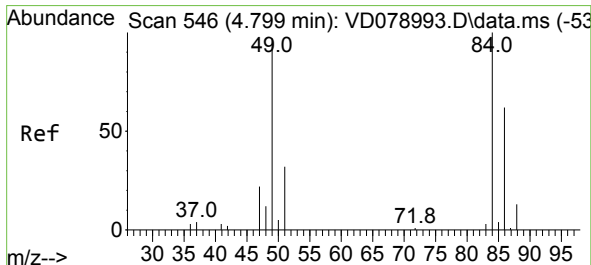
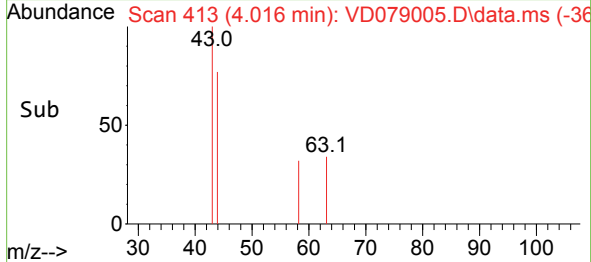
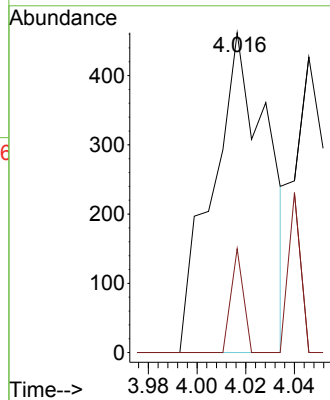
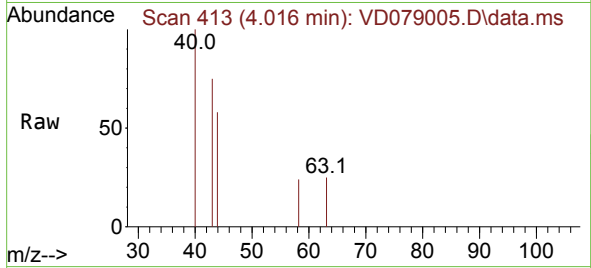
ClientSampleId :

Tgt Ion: 43 Resp: 729

Ion Ratio Lower Upper

43 100

58 0.0 0.0 75.0



#16

Methylene chloride

Concen: 6.562 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD079005.D

Acq: 23 May 2024 15:30

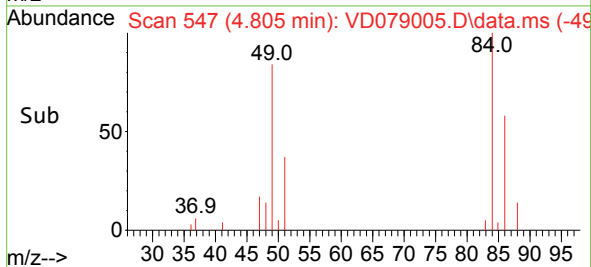
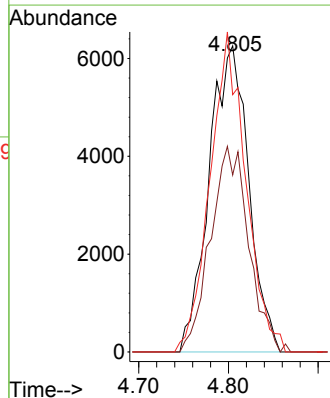
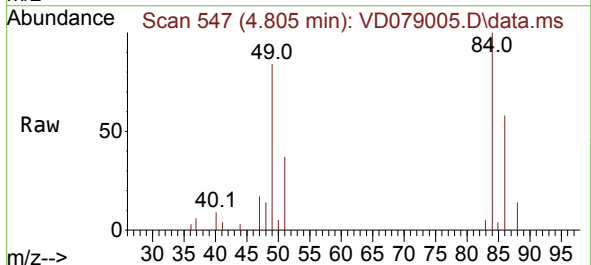
Tgt Ion: 84 Resp: 19176

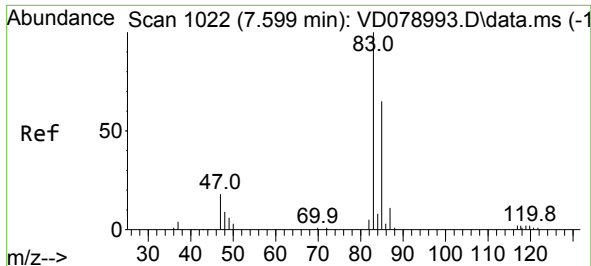
Ion Ratio Lower Upper

84 100

86 57.8 43.7 81.1

49 84.0 64.0 119.0





#25

Chloroform

Concen: 0.779 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD079005.D

Acq: 23 May 2024 15:30

Instrument :

MSVOA_D

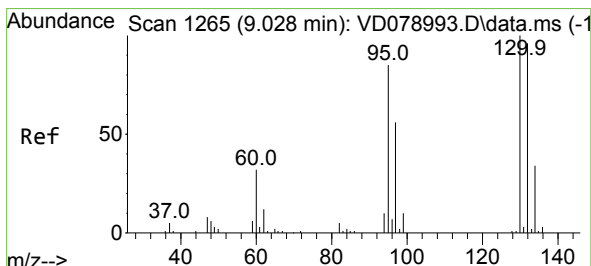
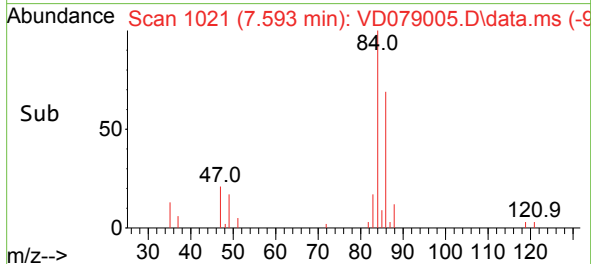
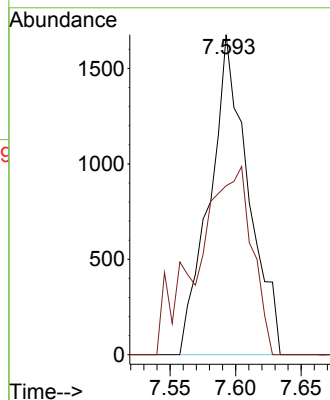
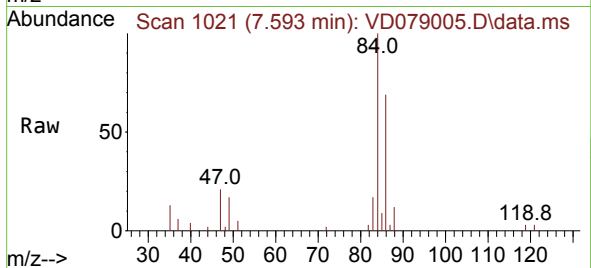
ClientSampleId :

Tgt Ion: 83 Resp: 3414

Ion Ratio Lower Upper

83 100

85 52.8 41.8 77.6



#34

Trichloroethene

Concen: 1.599 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079005.D

Acq: 23 May 2024 15:30

Tgt Ion: 95 Resp: 3076

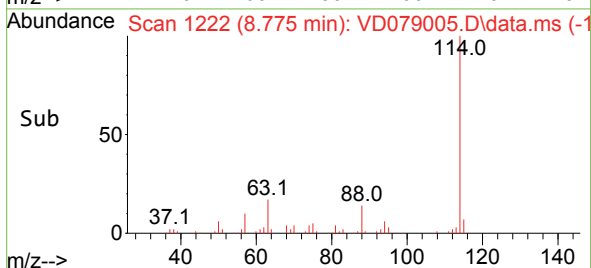
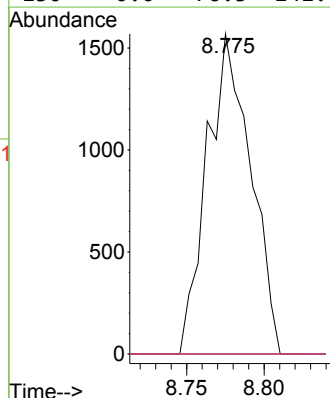
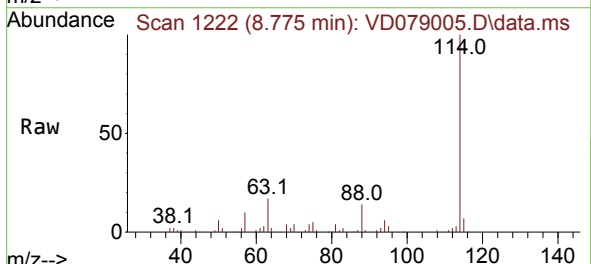
Ion Ratio Lower Upper

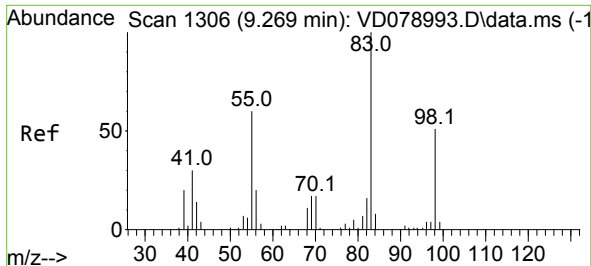
95 100

97 0.0 42.6 79.2#

132 0.0 69.5 129.1#

130 0.0 76.3 141.7#





#35

Methylcyclohexane

Concen: 3.641 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.059 min

Lab File: VD079005.D

Acq: 23 May 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :

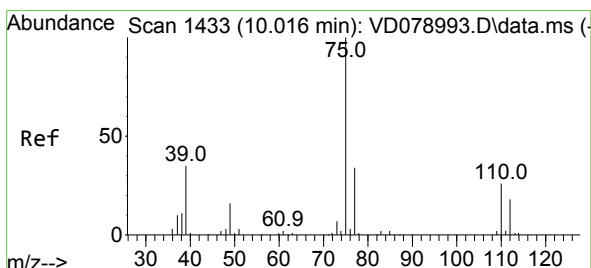
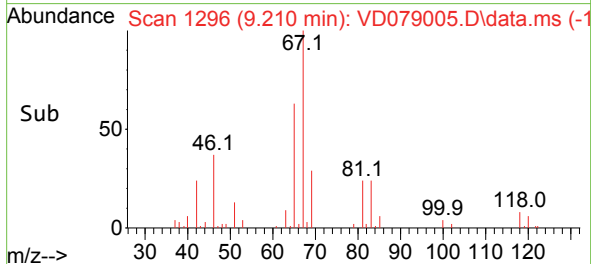
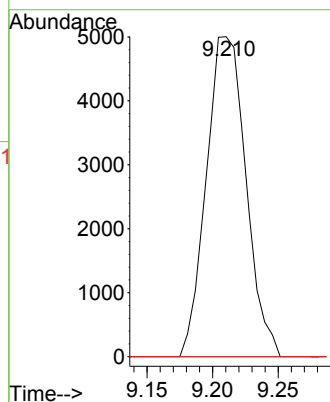
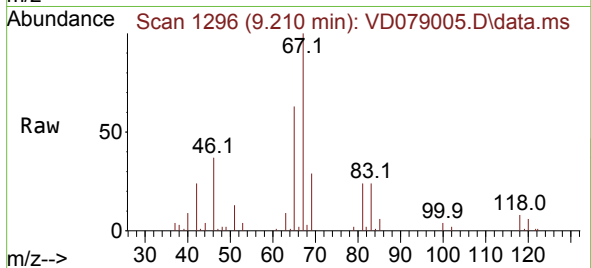
Tgt Ion: 83 Resp: 10528

Ion Ratio Lower Upper

83 100

55 0.0 49.0 73.6#

98 0.0 40.1 60.1#



#39

cis-1,3-Dichloropropene

Concen: 0.321 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD079005.D

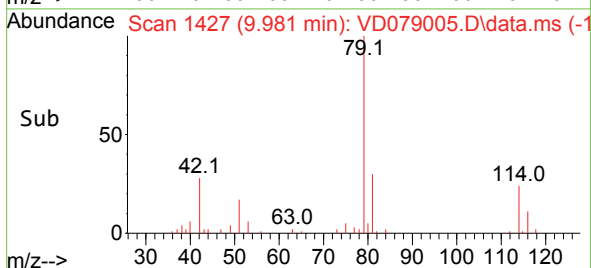
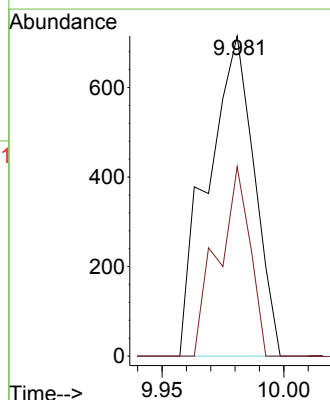
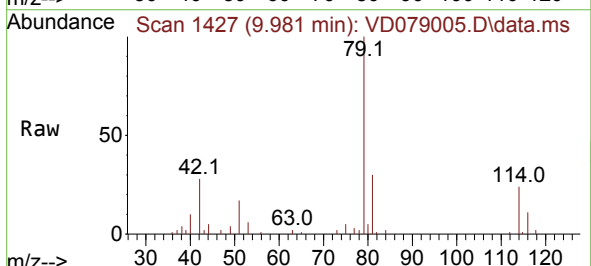
Acq: 23 May 2024 15:30

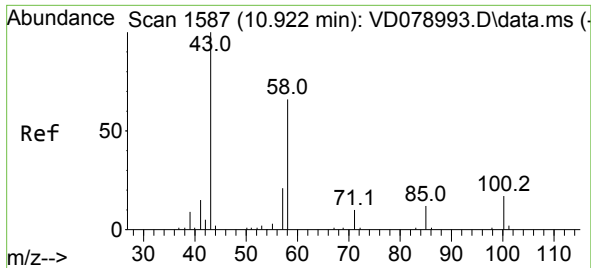
Tgt Ion: 75 Resp: 952

Ion Ratio Lower Upper

75 100

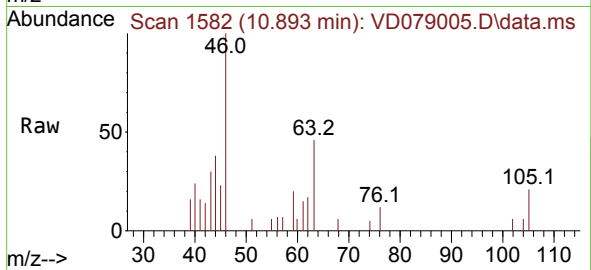
77 59.2 20.0 37.2#



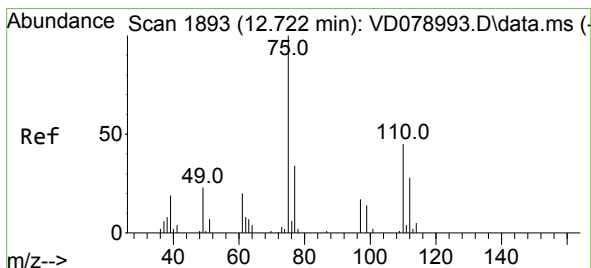
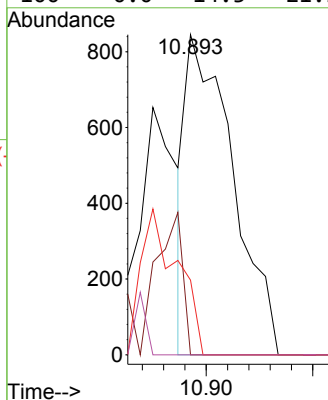
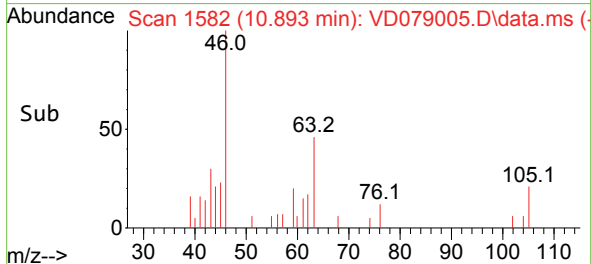


#48
2-Hexanone
Concen: 1.749 ug/L
RT: 10.893 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD079005.D
Acq: 23 May 2024 15:30

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	43	Resp:	1296
Ion	Ratio	Lower	Upper
43	100		
58	24.5	53.4	80.2#
57	0.0	17.0	25.4#
100	0.0	14.3	21.5#



#61
1,2,3-Trichloropropane
Concen: 4.830 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079005.D
Acq: 23 May 2024 15:30

Tgt Ion:	75	Resp:	3713
Ion	Ratio	Lower	Upper
75	100		
77	24.5	26.2	39.2#
110	0.0	37.1	55.7#

