

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062024\
 Data File : VD079219.D
 Acq On : 20 Jun 2024 16:17
 Operator : RP/MD
 Sample : P2897-18
 Misc : 3.14G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

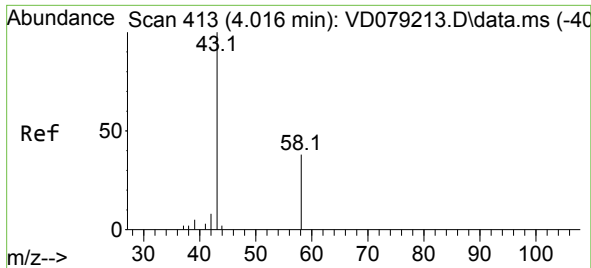
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 21 04:15:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 04:13:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	301541	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	301210	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	128887	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	124631	13.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.720%
7) Chloroethane-d5	2.793	69	119277	13.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.160%
11) 1,1-Dichloroethene-d2	3.911	65	22708	13.785	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.160%
21) 2-Butanone-d5	6.987	46	28328	39.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.820%
24) Chloroform-d	7.563	84	129566	15.367	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.480%
26) 1,2-Dichloroethane-d4	8.228	65	67369	17.321	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.280%#
32) Benzene-d6	8.199	84	257692	15.433	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.720%
36) 1,2-Dichloropropane-d6	9.205	67	76626	15.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	63.720%#
41) Toluene-d8	10.269	98	231043	14.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.120%
43) trans-1,3-Dichloroprop...	10.522	79	33325	16.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.920%
47) 2-Hexanone-d5	10.875	63	24684	39.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.400%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	75676	17.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.040%
66) 1,2-Dichlorobenzene-d4	13.810	152	85202	19.154	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.600%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	3550	3.455	ug/L	68
16) Methylene chloride	4.793	84	8822	1.642	ug/L	97
25) Chloroform	7.593	83	2770	0.336	ug/L	95
27) 1,2-Dichloroethane	8.193	62	1183	0.247	ug/L #	72
37) 1,2-Dichloropropane	9.210	63	7956	1.811	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	2318	0.338	ug/L	99
61) 1,2,3-Trichloropropane	13.516	75	14972	6.580	ug/L #	64

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



#13

Acetone

Concen: 3.455 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

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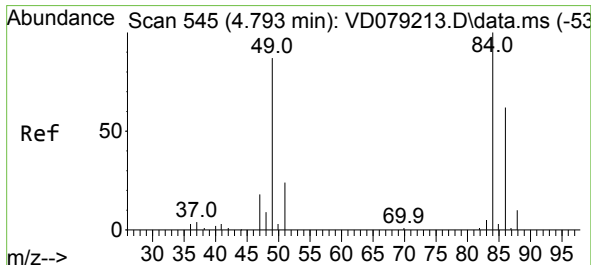
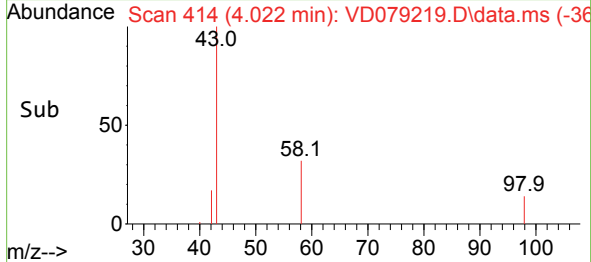
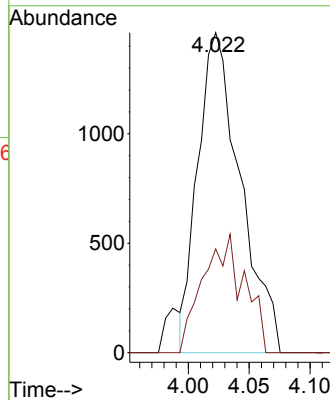
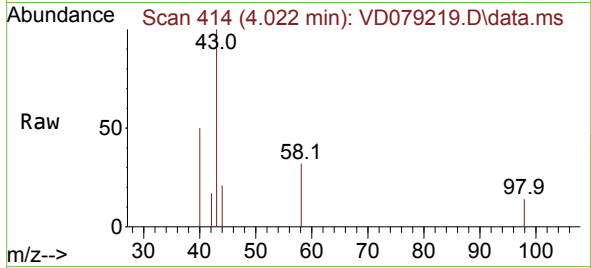
ClientSampleId :

Tgt Ion: 43 Resp: 3550

Ion Ratio Lower Upper

43 100

58 19.6 0.0 78.2



#16

Methylene chloride

Concen: 1.642 ug/L

RT: 4.793 min Scan# 545

Delta R.T. 0.000 min

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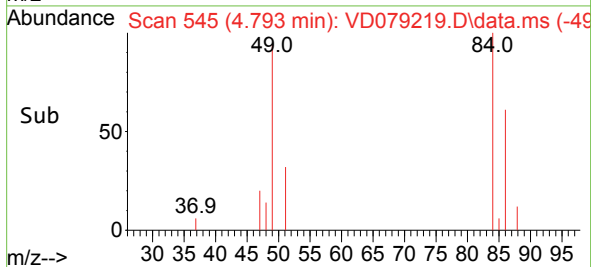
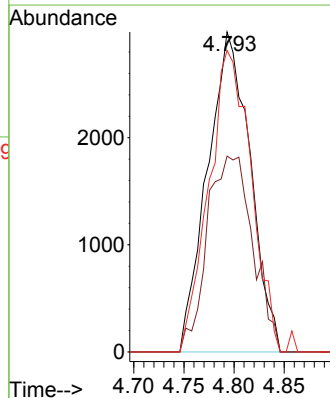
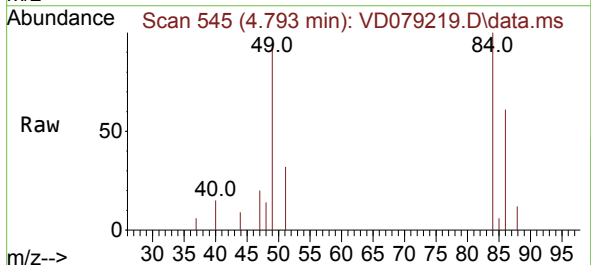
Tgt Ion: 84 Resp: 8822

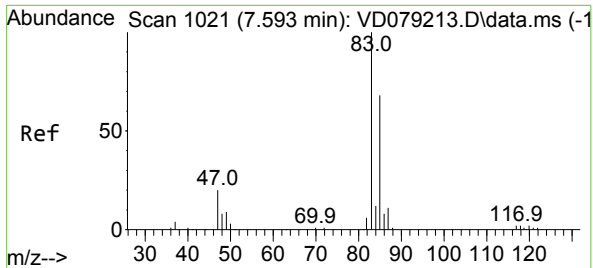
Ion Ratio Lower Upper

84 100

86 61.2 40.9 76.0

49 94.2 67.5 125.3

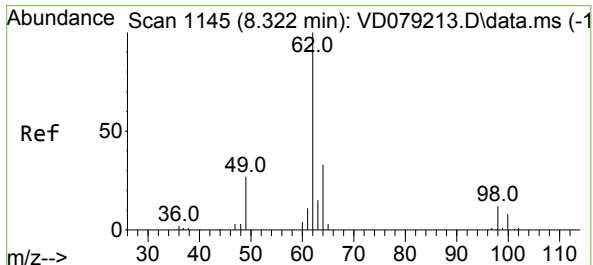
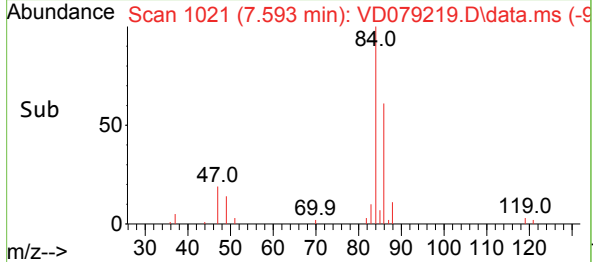
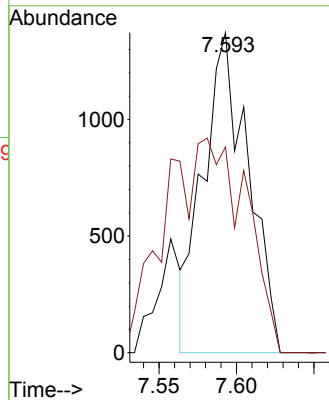
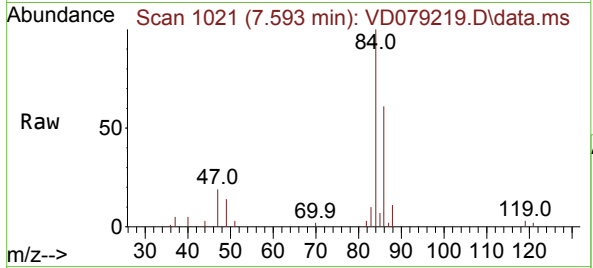




#25
Chloroform
Concen: 0.336 ug/L
RT: 7.593 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD079219.D
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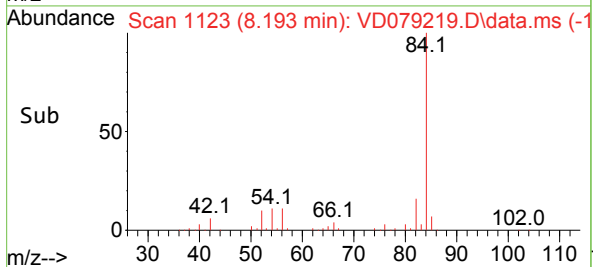
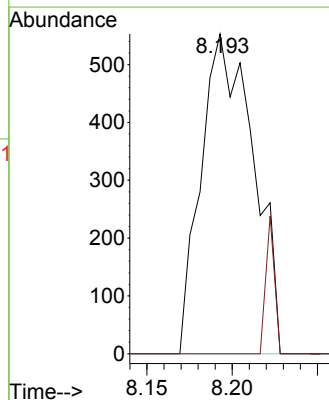
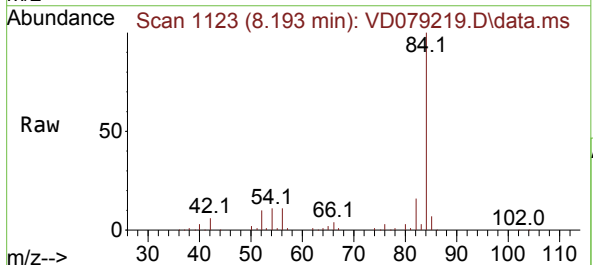
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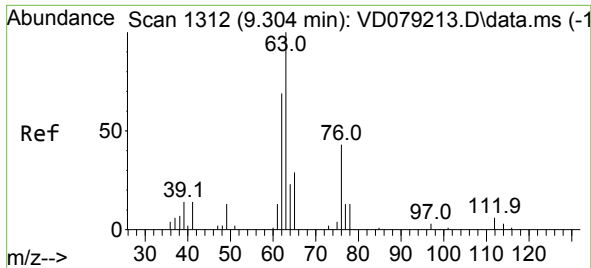
Tgt Ion: 83 Resp: 2770
Ion Ratio Lower Upper
83 100
85 64.3 47.9 89.1



#27
1,2-Dichloroethane
Concen: 0.247 ug/L
RT: 8.193 min Scan# 1123
Delta R.T. -0.129 min
Lab File: VD079219.D
Acq: 20 Jun 2024 16:17

Tgt Ion: 62 Resp: 1183
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#

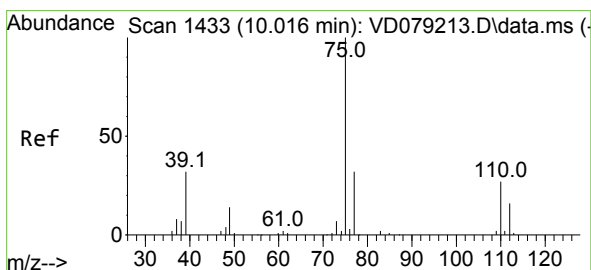
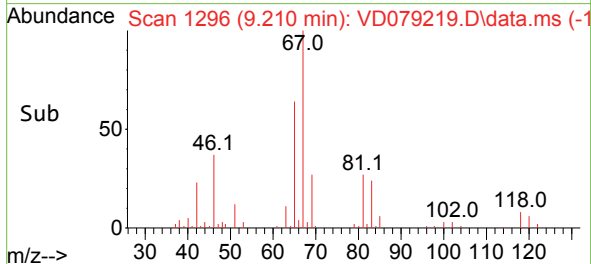
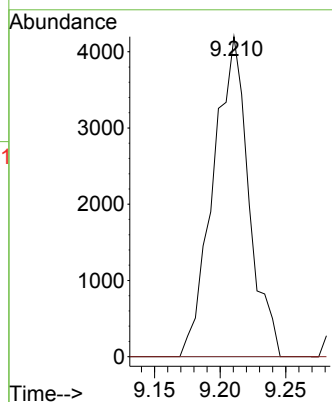
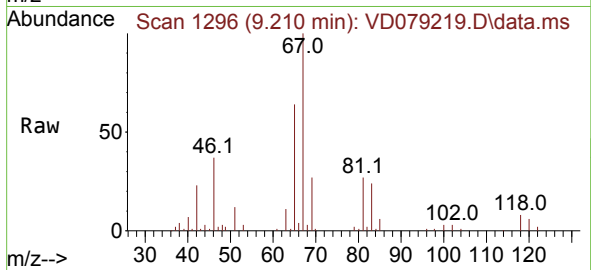




#37
1,2-Dichloropropane
Concen: 1.811 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD079219.D
Acq: 20 Jun 2024 16:17

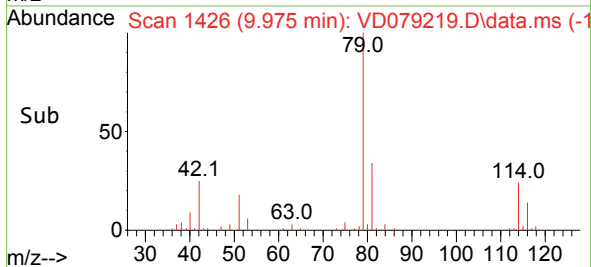
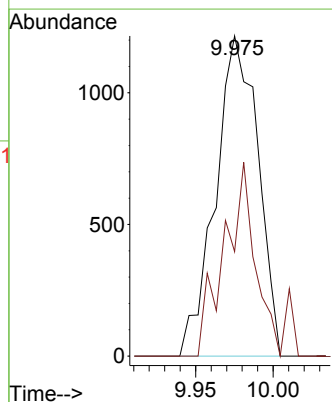
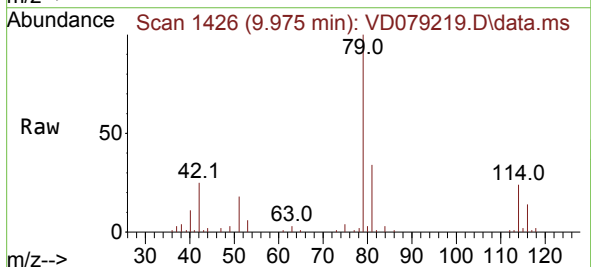
Instrument :
MSVOA_D
ClientSampleId :

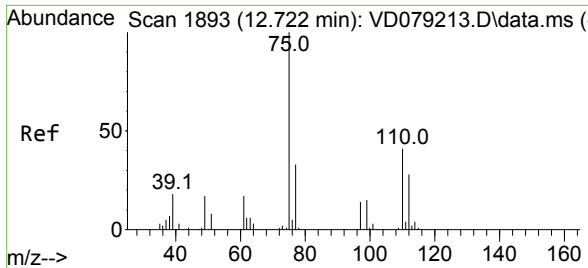
Tgt Ion: 63 Resp: 7956
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.338 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD079219.D
Acq: 20 Jun 2024 16:17

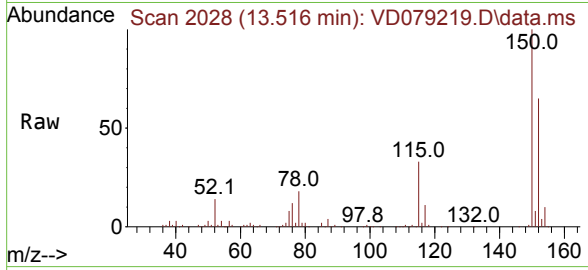
Tgt Ion: 75 Resp: 2318
Ion Ratio Lower Upper
75 100
77 32.6 23.4 43.4





#61
 1,2,3-Trichloropropane
 Concen: 6.580 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD079219.D
 Acq: 20 Jun 2024 16:17

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 14972
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.9 38.9
 110 3.3 34.2 51.4#

