

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061824\
 Data File : VD079202.D
 Acq On : 18 Jun 2024 15:48
 Operator : RP/MD
 Sample : P2897-15
 Misc : 2.95G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 19 07:18:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 07:16:52 2024
 Response via : Initial Calibration

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

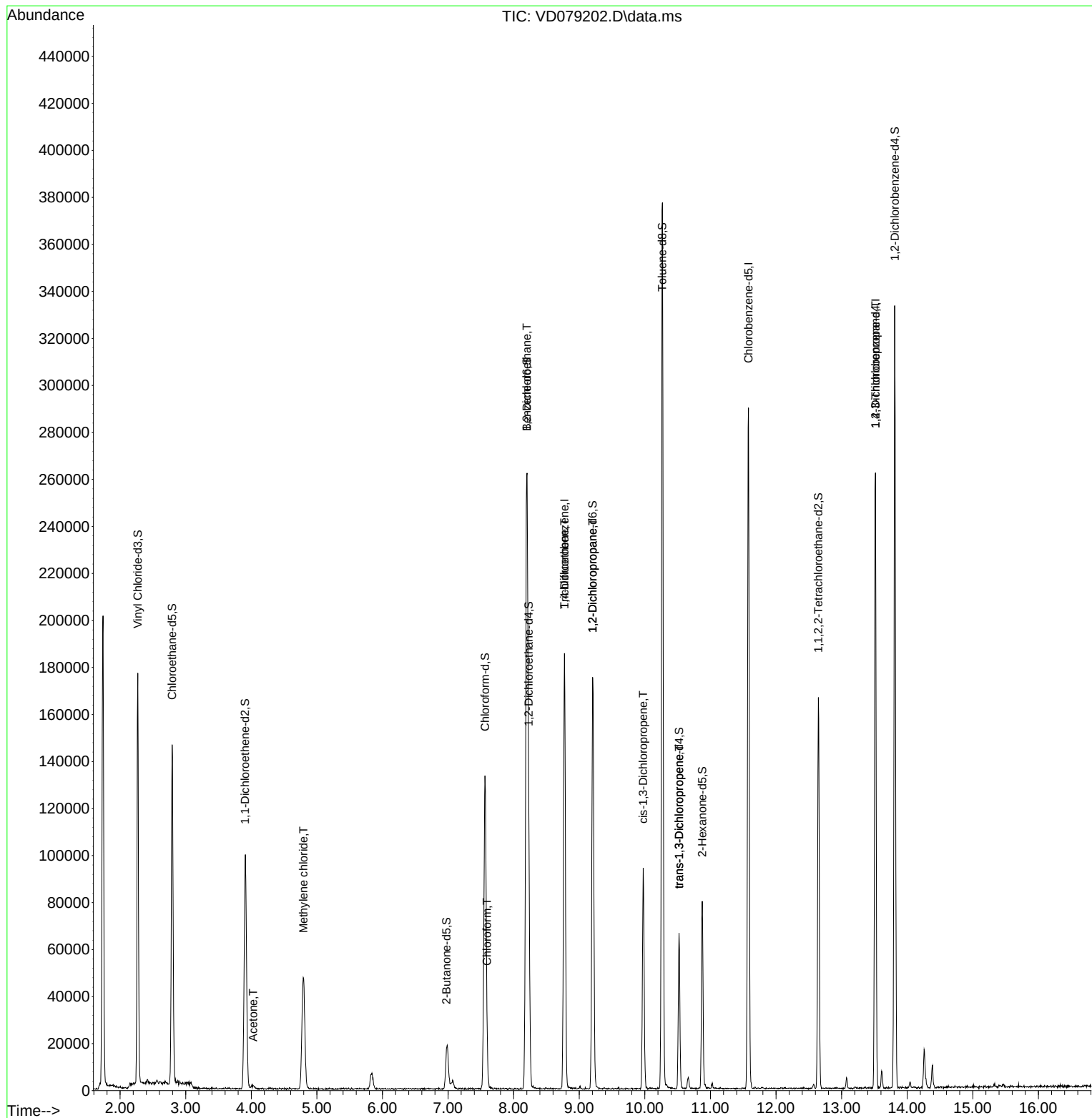
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	177124	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	184718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	78632	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	165715	30.403	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 121.600%		
7) Chloroethane-d5	2.793	69	155628	29.529	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 118.120%		
11) 1,1-Dichloroethene-d2	3.905	65	26783	27.679	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 110.720%#		
21) 2-Butanone-d5	6.975	46	15021	36.030	ug/L	-0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	= 72.060%		
24) Chloroform-d	7.563	84	146189	29.518	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 118.080%		
26) 1,2-Dichloroethane-d4	8.228	65	77843	34.073	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 136.280%#		
32) Benzene-d6	8.198	84	302480	29.539	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 118.160%		
36) 1,2-Dichloropropane-d6	9.204	67	90288	30.609	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 122.440%#		
41) Toluene-d8	10.263	98	274760	28.657	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 114.640%		
43) trans-1,3-Dichloroprop...	10.522	79	39712	32.030	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 128.120%		
47) 2-Hexanone-d5	10.875	63	27989	73.398	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 146.800%#		
56) 1,1,2,2-Tetrachloroeth...	12.645	84	86385	33.063	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 132.240%#		
66) 1,2-Dichlorobenzene-d4	13.810	152	94316	34.755	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 139.000%#		
Target Compounds						Qvalue
13) Acetone	4.028	43	1401	2.321	ug/L	93
16) Methylene chloride	4.793	84	42848	13.576	ug/L	94
25) Chloroform	7.593	83	5886	1.215	ug/L	93
27) 1,2-Dichloroethane	8.198	62	1688	0.600	ug/L #	72
34) Trichloroethene	8.775	95	4930	1.740	ug/L #	1
37) 1,2-Dichloropropane	9.204	63	9670	3.588	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	2609	0.620	ug/L #	72
44) trans-1,3-Dichloropropene	10.522	75	1626	0.457	ug/L	91
61) 1,2,3-Trichloropropane	13.516	75	8339	6.007	ug/L #	62

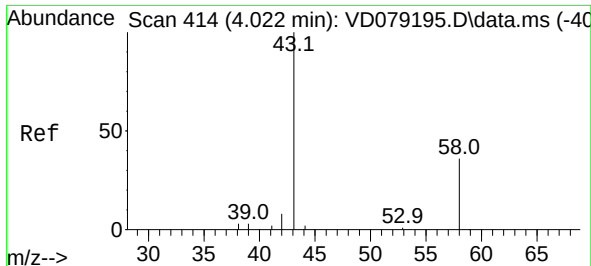
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jun 19 07:16:52 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.321 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD079202.D

Acq: 18 Jun 2024 15:48

Instrument :

MSVOA_D

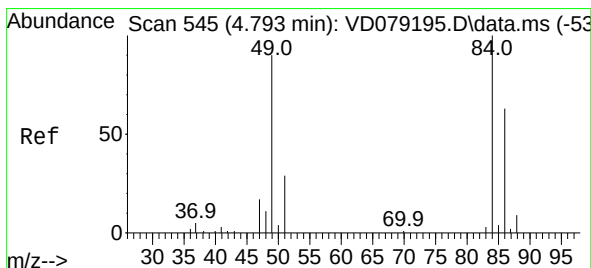
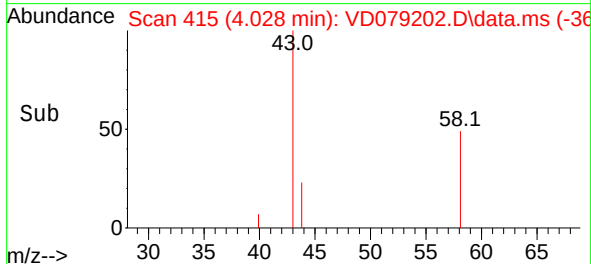
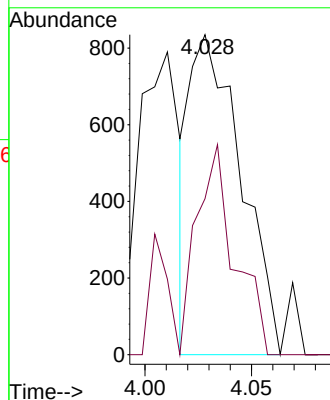
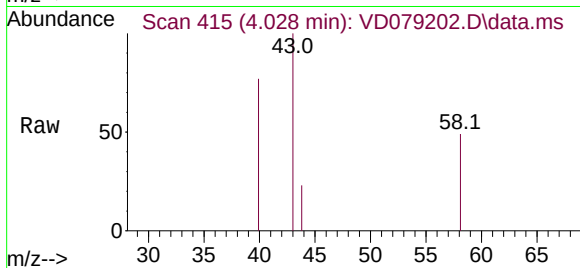
ClientSampleId :

Tgt Ion: 43 Resp: 1401

Ion Ratio Lower Upper

43 100

58 43.6 0.0 78.2



#16

Methylene chloride

Concen: 13.576 ug/L

RT: 4.793 min Scan# 545

Delta R.T. 0.000 min

Lab File: VD079202.D

Acq: 18 Jun 2024 15:48

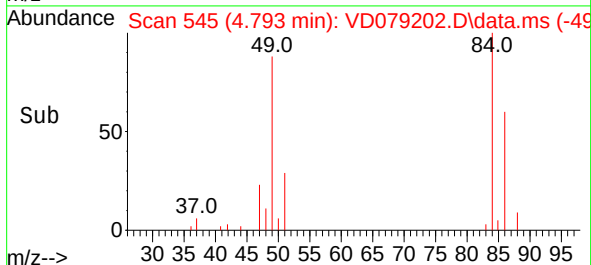
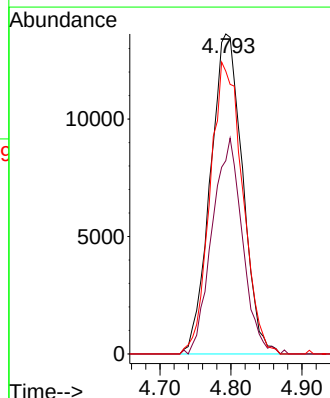
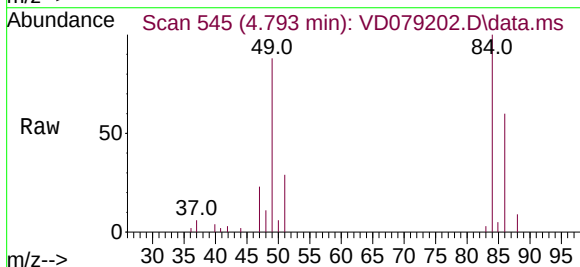
Tgt Ion: 84 Resp: 42848

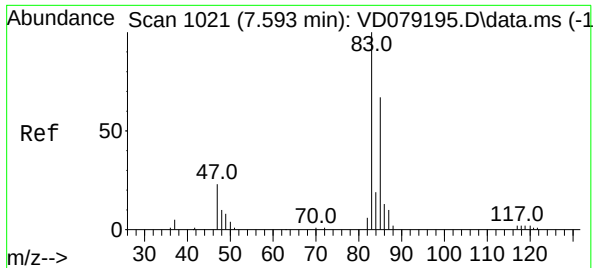
Ion Ratio Lower Upper

84 100

86 60.4 40.9 76.0

49 88.3 67.5 125.3





#25

Chloroform

Concen: 1.215 ug/L

RT: 7.593 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD079202.D

Acq: 18 Jun 2024 15:48

Instrument :

MSVOA_D

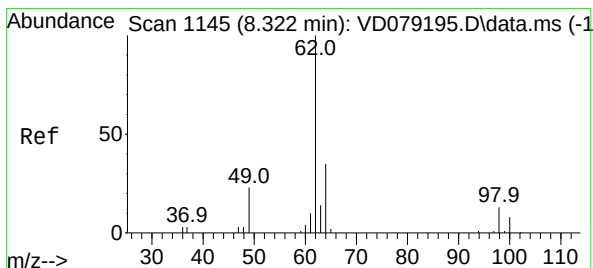
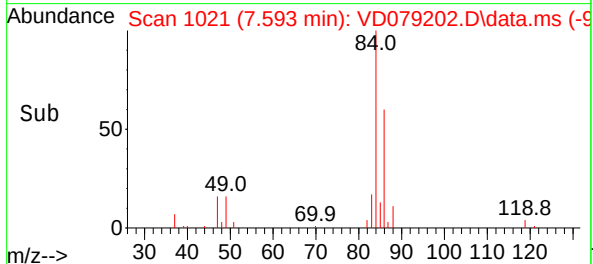
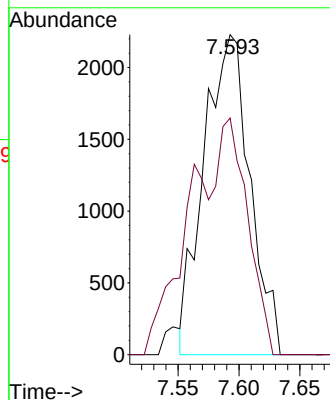
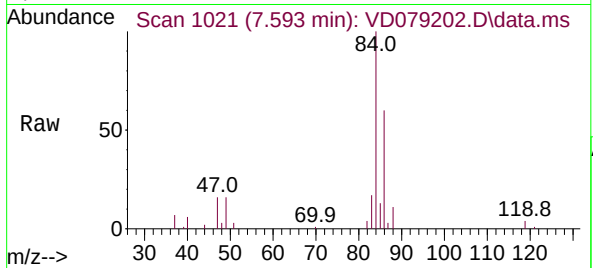
ClientSampleId :

Tgt Ion: 83 Resp: 5886

Ion Ratio Lower Upper

83 100

85 73.9 47.9 89.1



#27

1,2-Dichloroethane

Concen: 0.600 ug/L

RT: 8.198 min Scan# 1124

Delta R.T. -0.123 min

Lab File: VD079202.D

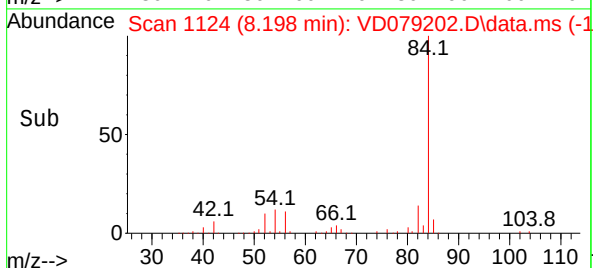
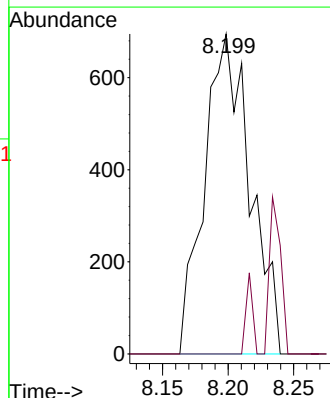
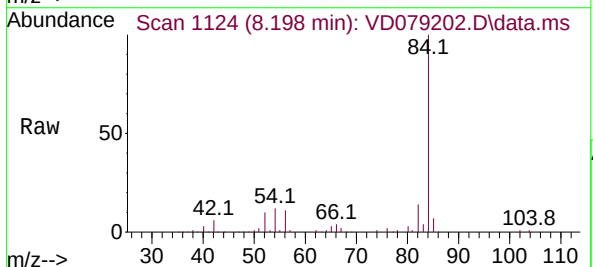
Acq: 18 Jun 2024 15:48

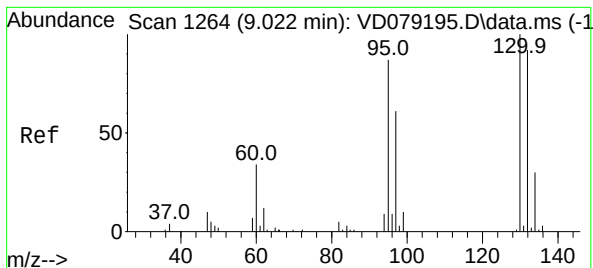
Tgt Ion: 62 Resp: 1688

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#34

Trichloroethene

Concen: 1.740 ug/L

RT: 8.775 min Scan# 1295

Delta R.T. -0.247 min MSVOA_D

Lab File: VD079202.D

Acq: 18 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 4930

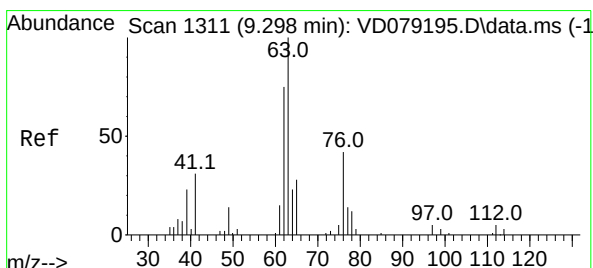
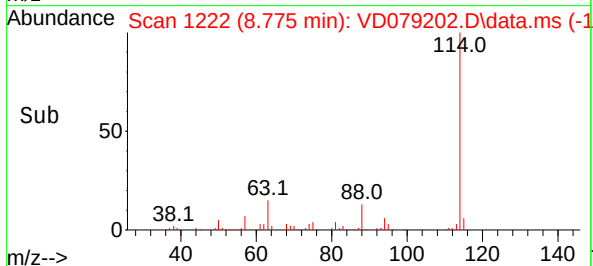
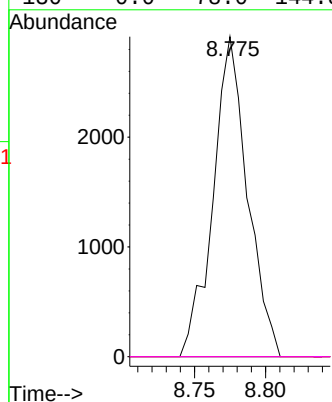
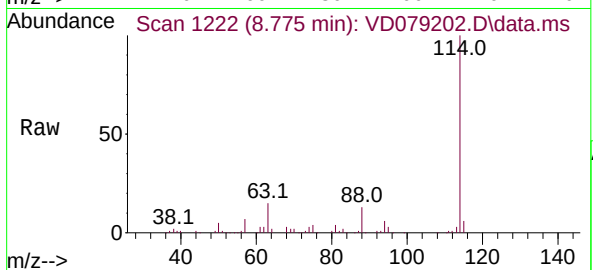
Ion Ratio Lower Upper

95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#



#37

1,2-Dichloropropane

Concen: 3.588 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.094 min

Lab File: VD079202.D

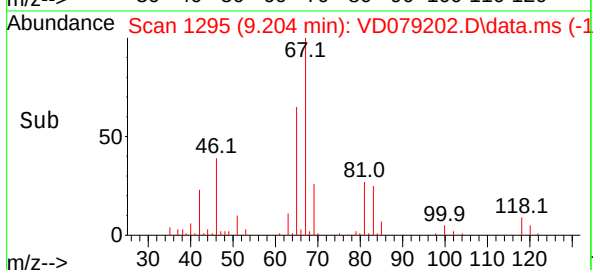
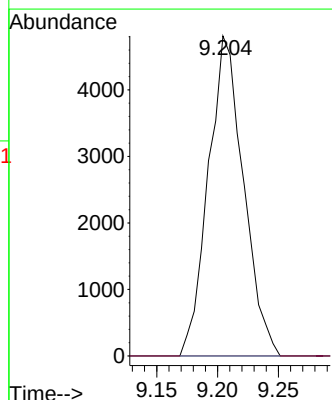
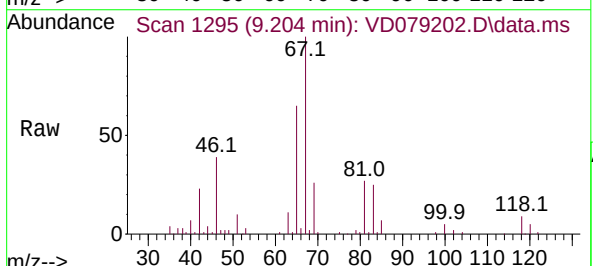
Acq: 18 Jun 2024 15:48

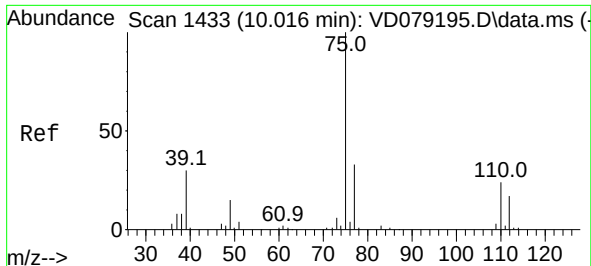
Tgt Ion: 63 Resp: 9670

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.620 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD079202.D

Acq: 18 Jun 2024 15:48

Instrument :

MSVOA_D

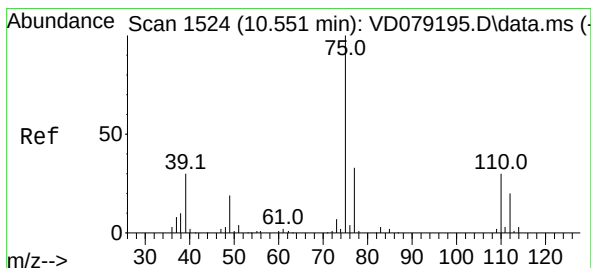
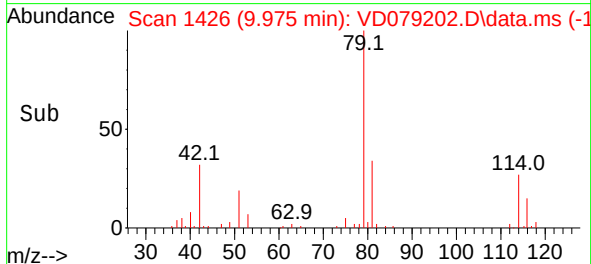
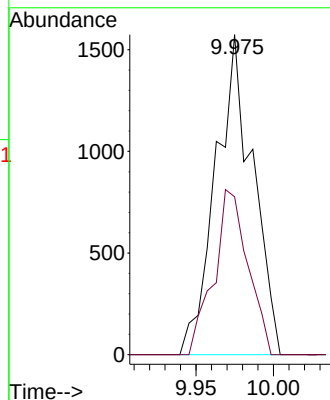
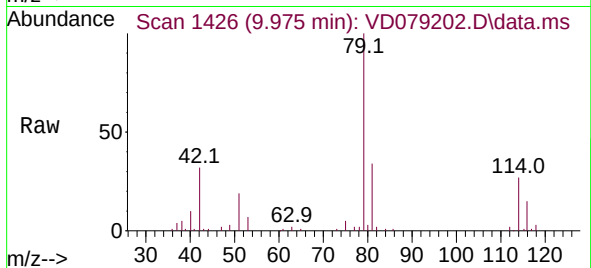
ClientSampleId :

Tgt Ion: 75 Resp: 2609

Ion Ratio Lower Upper

75 100

77 49.4 23.4 43.4#



#44

trans-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 10.522 min Scan# 1519

Delta R.T. -0.029 min

Lab File: VD079202.D

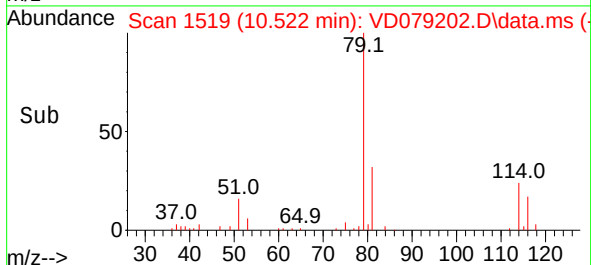
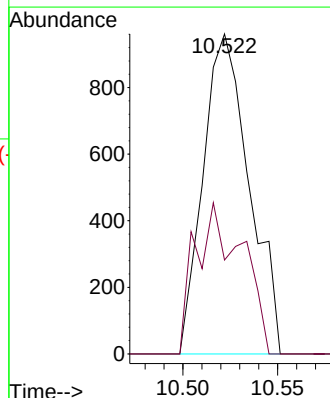
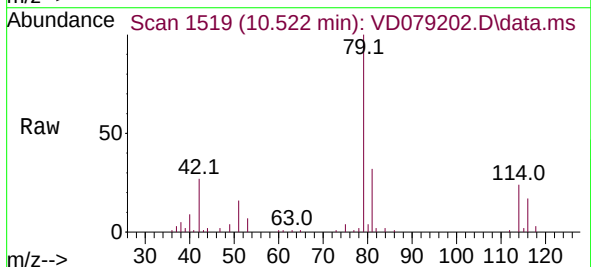
Acq: 18 Jun 2024 15:48

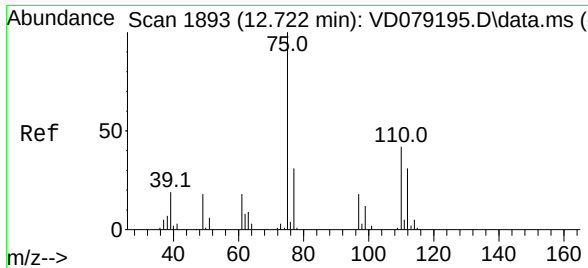
Tgt Ion: 75 Resp: 1626

Ion Ratio Lower Upper

75 100

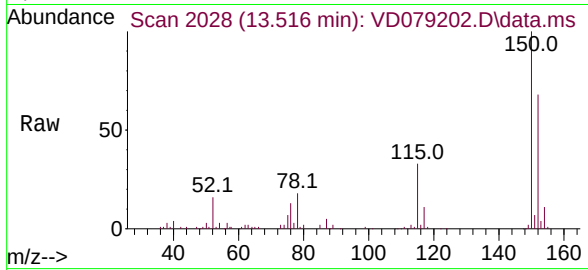
77 29.3 24.3 45.1





#61
 1,2,3-Trichloropropane
 Concen: 6.007 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD079202.D
 Acq: 18 Jun 2024 15:48

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	8339
Ion	Ratio	Lower Upper
75	100	
77	30.4	25.9 38.9
110	1.4	34.2 51.4#

