

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061824\
 Data File : VD079198.D
 Acq On : 18 Jun 2024 12:25
 Operator : RP/MD
 Sample : P2897-09
 Misc : 3.15G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 19 07:17:59 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)

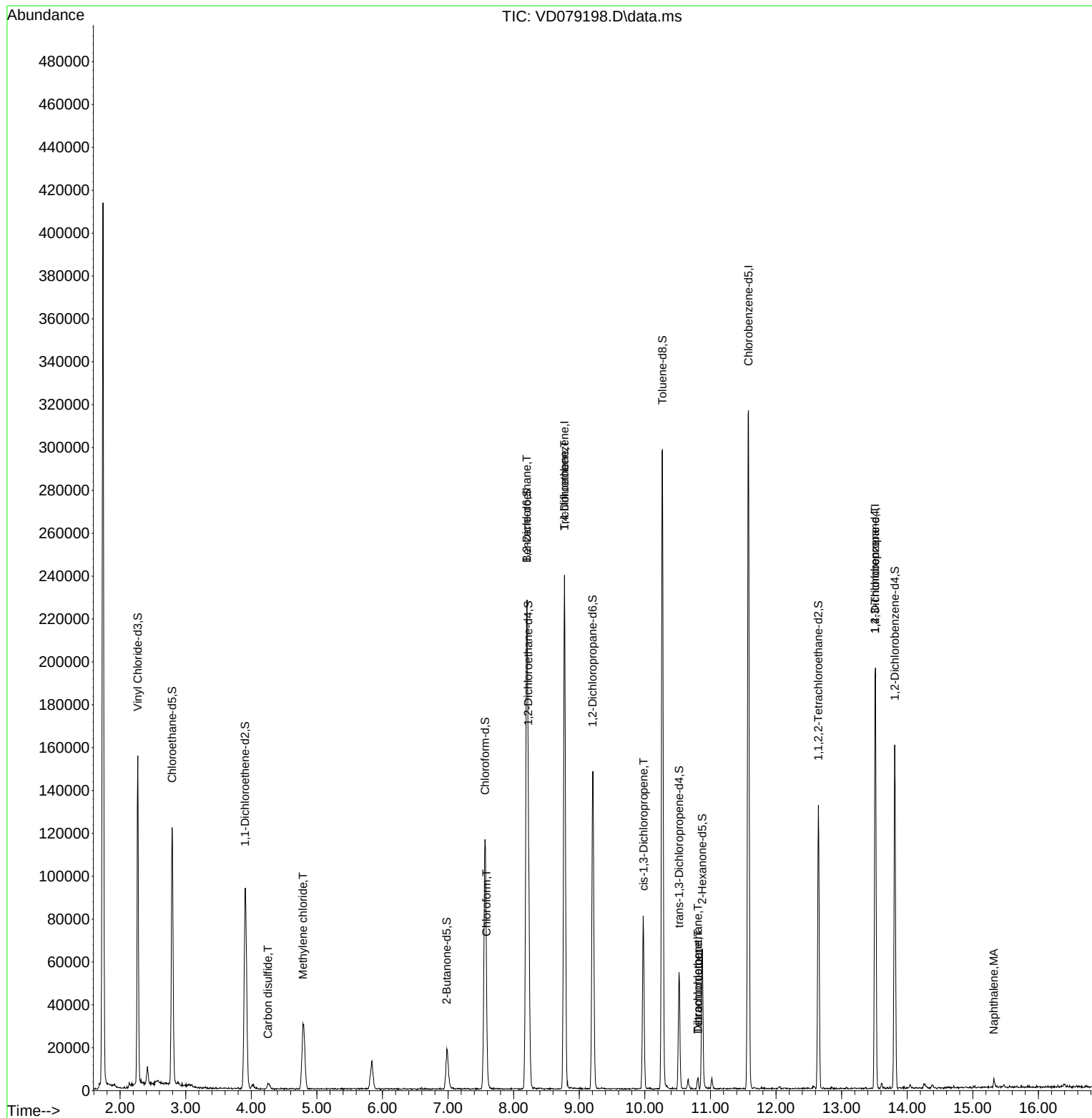
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	225025	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	204176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.510	152	60229	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	140885	20.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.400%
7) Chloroethane-d5	2.793	69	129678	19.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.480%
11) 1,1-Dichloroethene-d2	3.905	65	27116	22.058	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.240%
21) 2-Butanone-d5	6.981	46	28924	54.610	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.220%
24) Chloroform-d	7.563	84	126843	20.160	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.640%
26) 1,2-Dichloroethane-d4	8.222	65	67388	23.217	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.880%
32) Benzene-d6	8.199	84	259488	22.926	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.720%
36) 1,2-Dichloropropane-d6	9.204	67	77908	23.895	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.560%
41) Toluene-d8	10.269	98	223233	21.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	10.522	79	31582	23.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.200%
47) 2-Hexanone-d5	10.875	63	23828	56.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.060%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	66209	22.926	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.720%
66) 1,2-Dichlorobenzene-d4	13.810	152	45472	21.876	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.520%
Target Compounds						Qvalue
14) Carbon disulfide	4.252	76	5877	0.541	ug/L	100
16) Methylene chloride	4.787	84	13224	3.298	ug/L	89
25) Chloroform	7.587	83	2462	0.400	ug/L	79
27) 1,2-Dichloroethane	8.199	62	889	0.249	ug/L #	72
34) Trichloroethene	8.775	95	6240	1.992	ug/L #	1
39) cis-1,3-Dichloropropene	9.981	75	2204	0.474	ug/L	88
46) Tetrachloroethene	10.810	164	1146	0.416	ug/L #	73
49) Dibromochloromethane	10.810	129	1024	0.331	ug/L #	9
61) 1,2,3-Trichloropropane	13.510	75	6416	6.034	ug/L #	58
71) Naphthalene	15.322	128	3879	1.035	ug/L	98

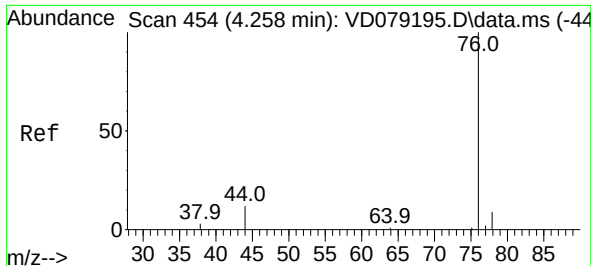
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

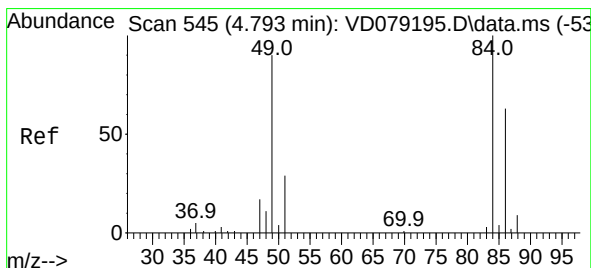
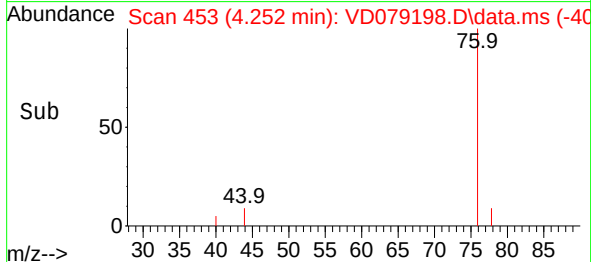
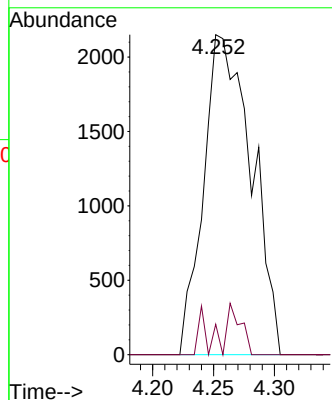
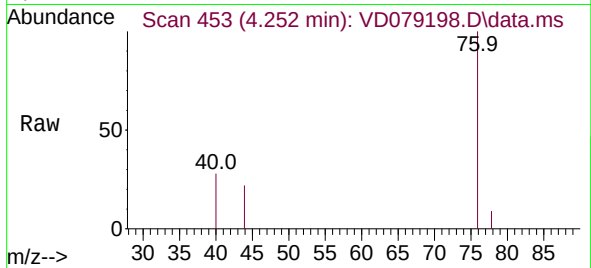




#14
Carbon disulfide
Concen: 0.541 ug/L
RT: 4.252 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079198.D
Acq: 18 Jun 2024 12:25

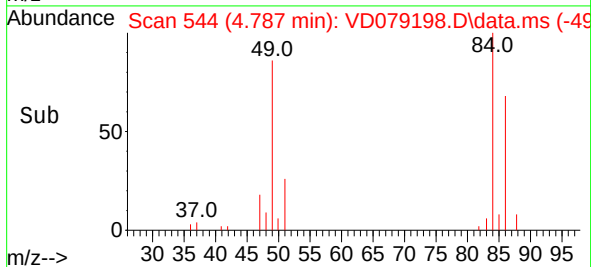
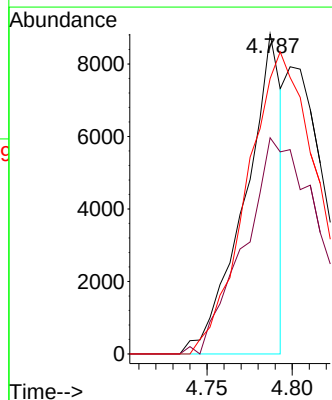
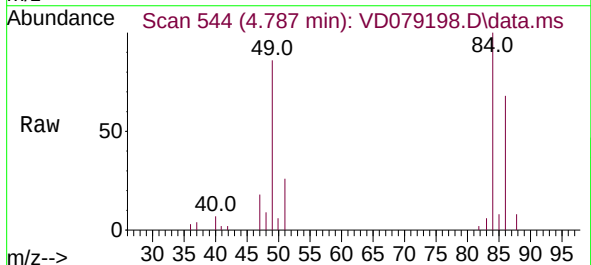
Instrument :
MSVOA_D
ClientSampleId :

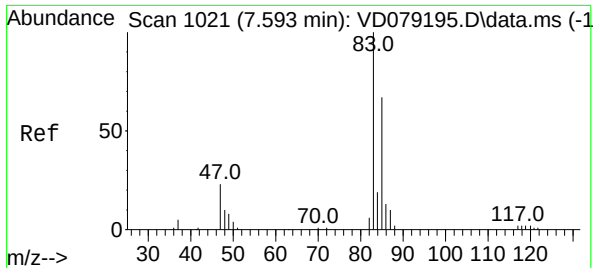
Tgt Ion: 76 Resp: 5877
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#16
Methylene chloride
Concen: 3.298 ug/L
RT: 4.787 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD079198.D
Acq: 18 Jun 2024 12:25

Tgt Ion: 84 Resp: 13224
Ion Ratio Lower Upper
84 100
86 67.5 40.9 76.0
49 86.0 67.5 125.3

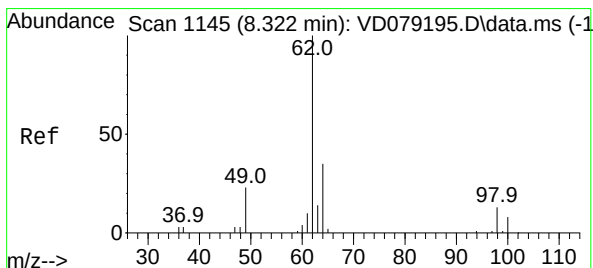
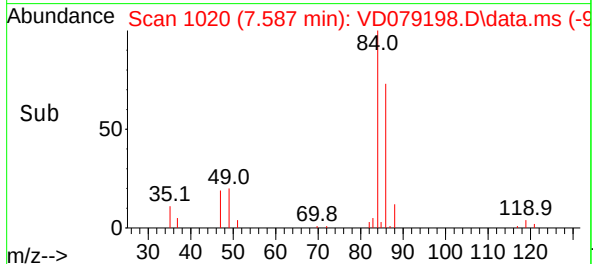
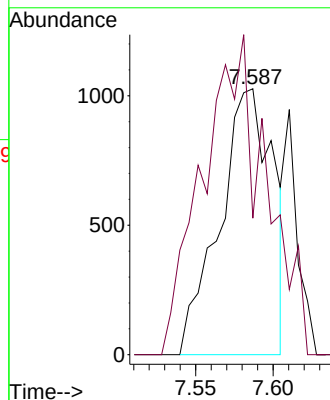
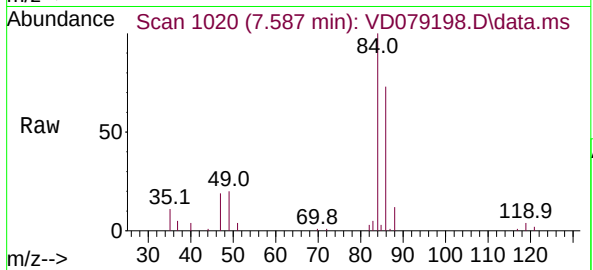




#25
Chloroform
Concen: 0.400 ug/L
RT: 7.587 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VD079198.D
Acq: 18 Jun 2024 12:25

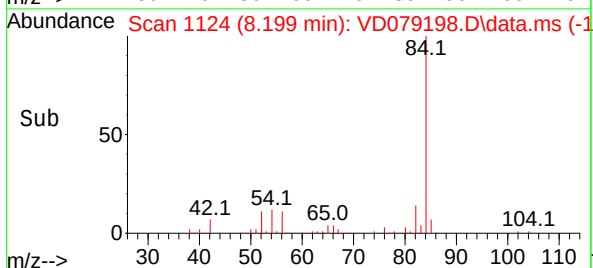
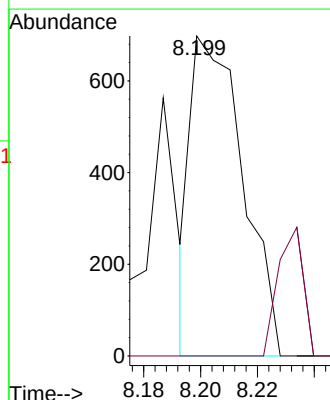
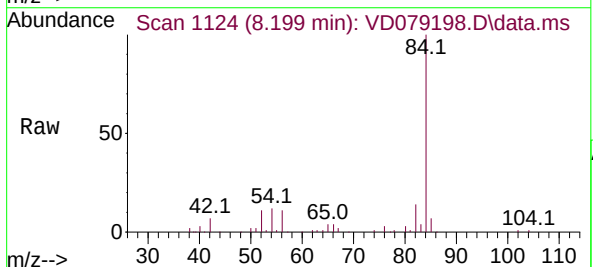
Instrument :
MSVOA_D
ClientSampleId :

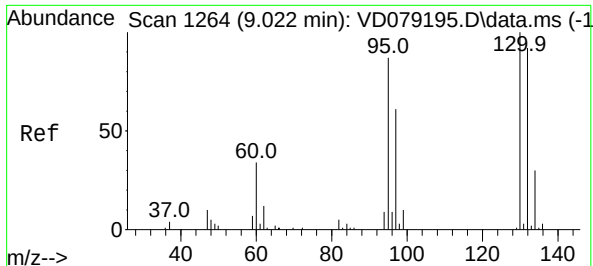
Tgt Ion: 83 Resp: 2462
Ion Ratio Lower Upper
83 100
85 51.3 47.9 89.1



#27
1,2-Dichloroethane
Concen: 0.249 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.123 min
Lab File: VD079198.D
Acq: 18 Jun 2024 12:25

Tgt Ion: 62 Resp: 889
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#34

Trichloroethene

Concen: 1.992 ug/L

RT: 8.775 min Scan# 1427

Delta R.T. -0.247 min

Lab File: VD079198.D

Acq: 18 Jun 2024 12:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 6240

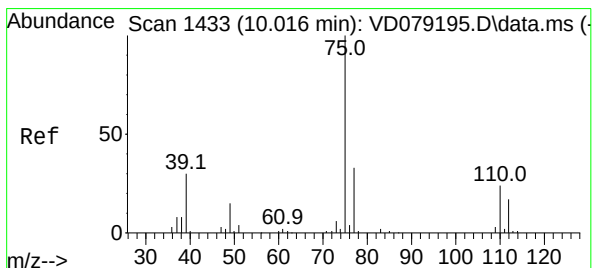
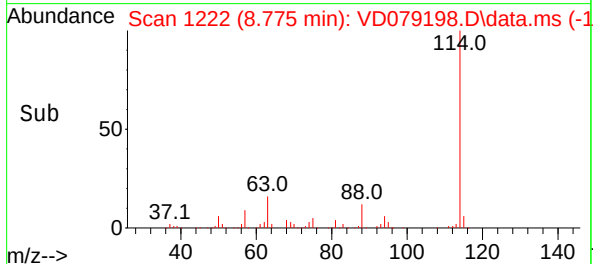
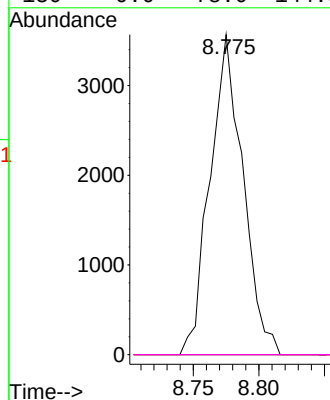
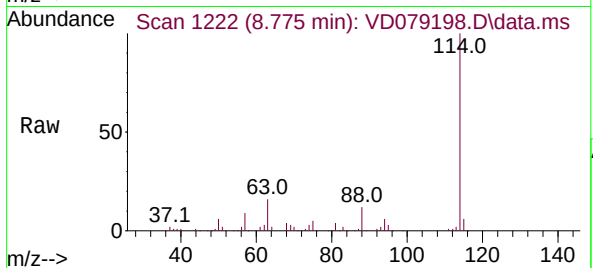
Ion Ratio Lower Upper

95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#



#39

cis-1,3-Dichloropropene

Concen: 0.474 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD079198.D

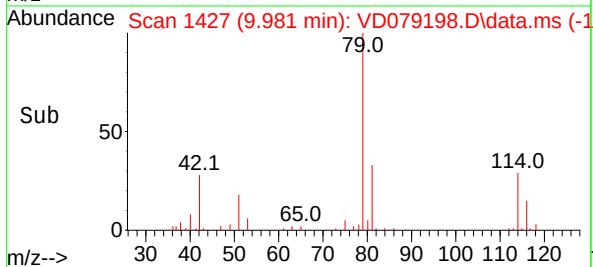
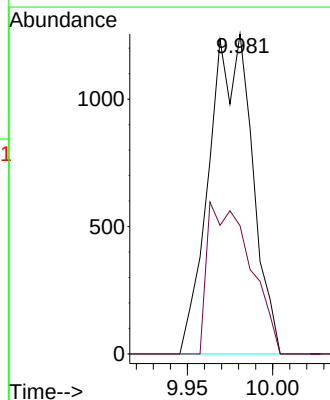
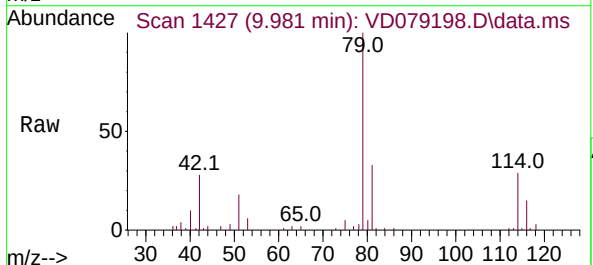
Acq: 18 Jun 2024 12:25

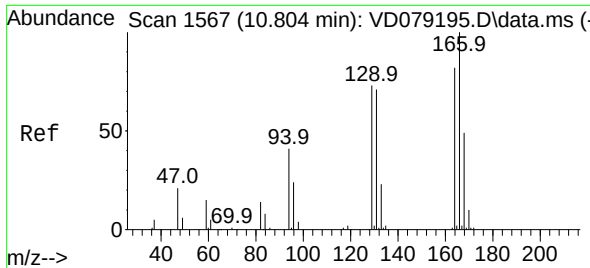
Tgt Ion: 75 Resp: 2204

Ion Ratio Lower Upper

75 100

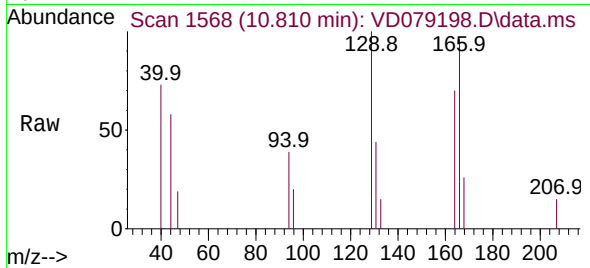
77 40.0 23.4 43.4



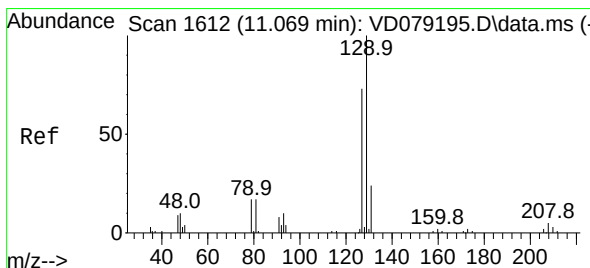
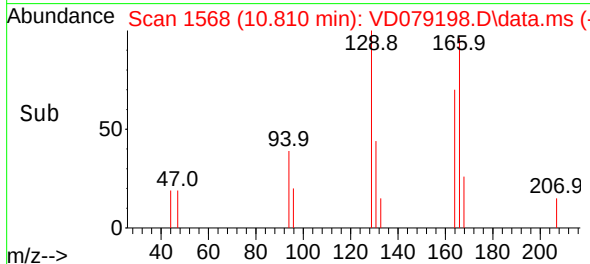
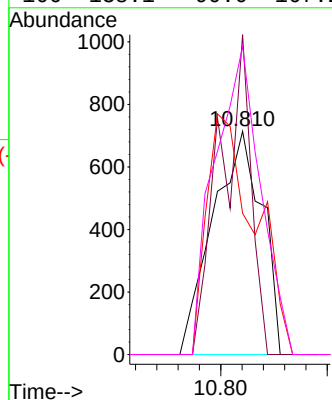


#46
Tetrachloroethene
Concen: 0.416 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079198.D
Acq: 18 Jun 2024 12:25

Instrument :
MSVOA_D
ClientSampleId :

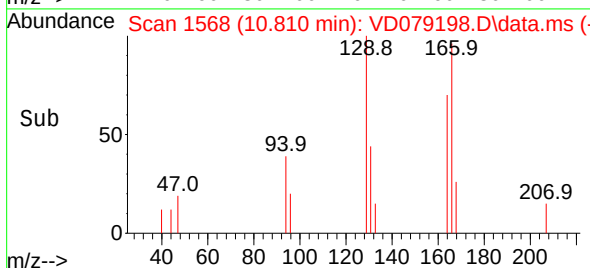
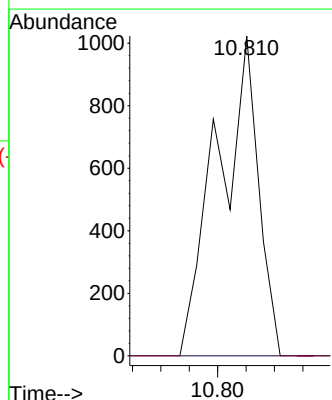
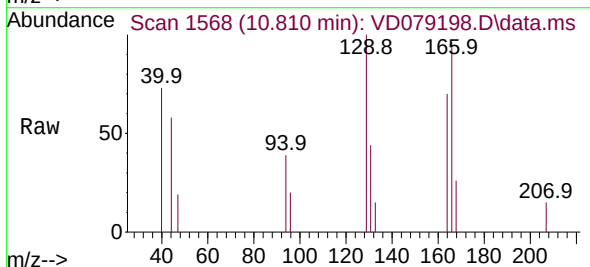


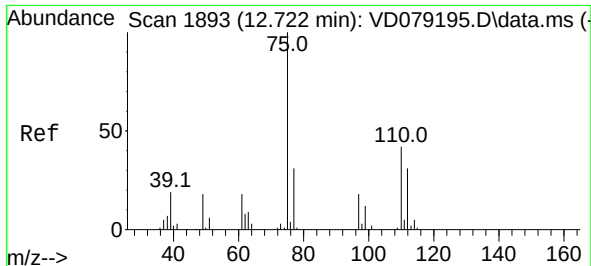
Tgt Ion:164 Resp: 1146
Ion Ratio Lower Upper
164 100
129 143.3 64.3 119.5#
131 63.3 61.2 113.8
166 138.1 90.0 167.2



#49
Dibromochloromethane
Concen: 0.331 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.259 min
Lab File: VD079198.D
Acq: 18 Jun 2024 12:25

Tgt Ion:129 Resp: 1024
Ion Ratio Lower Upper
129 100
127 0.0 56.4 104.7#





#61

1,2,3-Trichloropropane

Concen: 6.034 ug/L

RT: 13.510 min Scan# 2027

Delta R.T. 0.788 min

Lab File: VD079198.D

Acq: 18 Jun 2024 12:25

Instrument :

MSVOA_D

ClientSampleId :

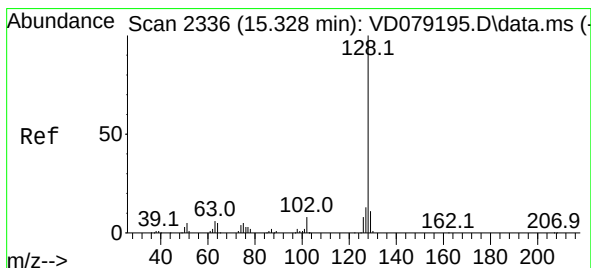
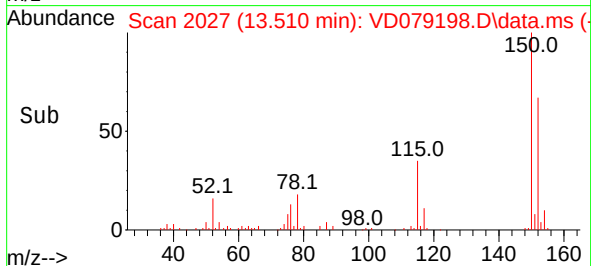
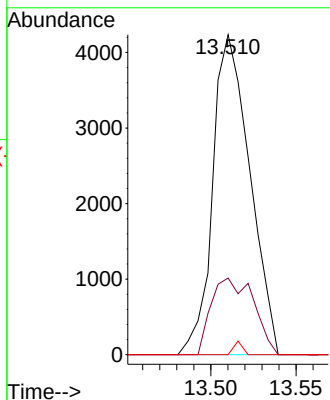
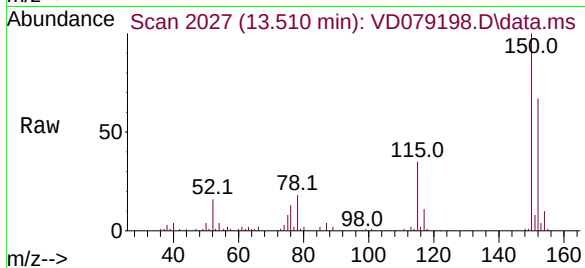
Tgt Ion: 75 Resp: 6416

Ion Ratio Lower Upper

75 100

77 27.4 25.9 38.9

110 0.0 34.2 51.4#



#71

Naphthalene

Concen: 1.035 ug/L

RT: 15.322 min Scan# 2335

Delta R.T. -0.006 min

Lab File: VD079198.D

Acq: 18 Jun 2024 12:25

Tgt Ion:128 Resp: 3879

Ion Ratio Lower Upper

128 100

127 12.3 10.8 16.2

129 11.2 8.5 12.7

