

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061424\
 Data File : VD079189.D
 Acq On : 14 Jun 2024 12:45
 Operator : RP/MD
 Sample : VD0614SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 02:21:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 15 02:21:23 2024
 Response via : Initial Calibration

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

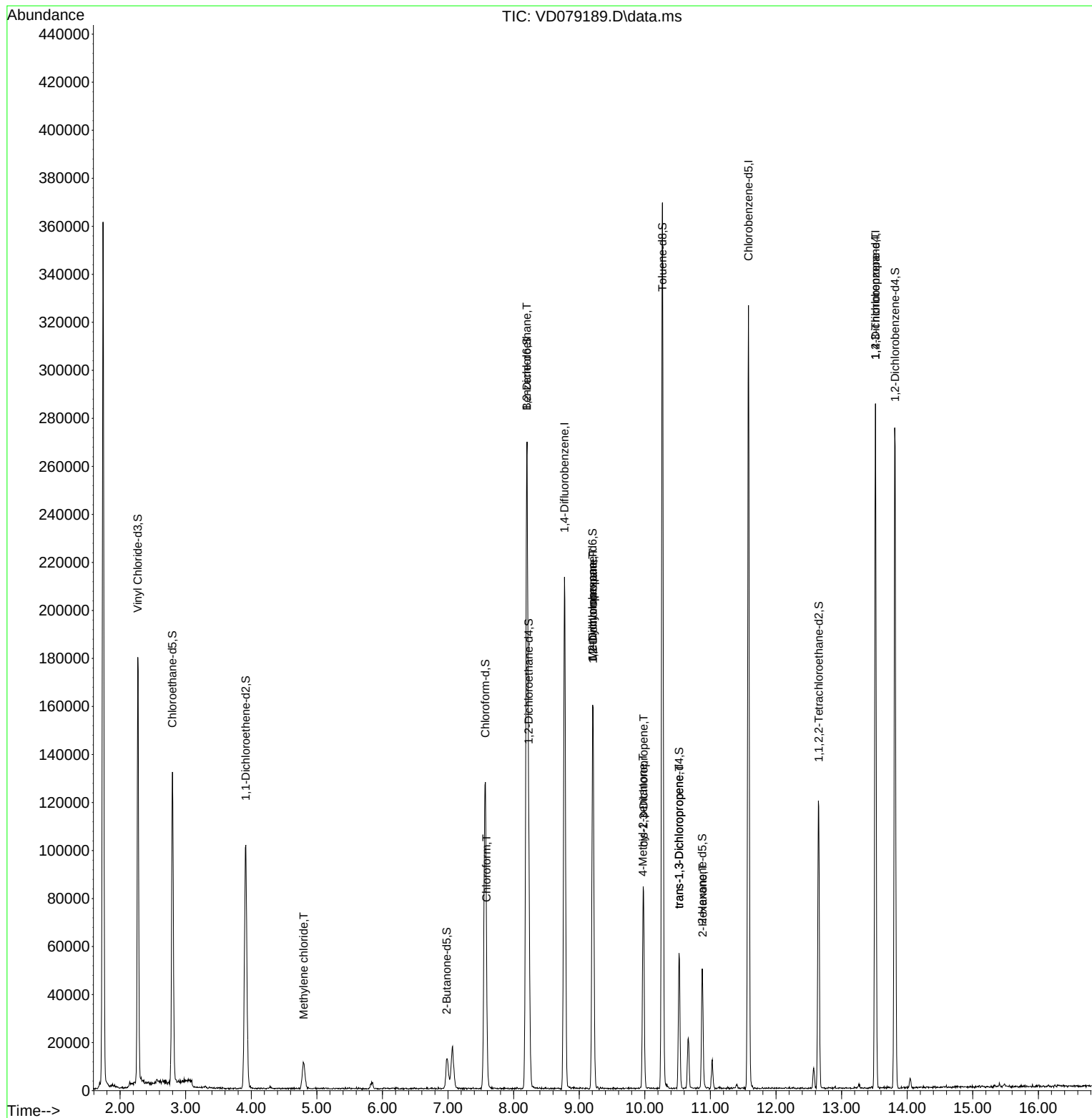
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	203986	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	198180	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	78713	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	170499	27.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.640%
7) Chloroethane-d5	2.799	69	139622	23.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	3.917	65	28450	25.530	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.120%
21) 2-Butanone-d5	6.981	46	21809	45.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.840%
24) Chloroform-d	7.569	84	143096	25.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	8.228	65	67055	25.485	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.960%
32) Benzene-d6	8.199	84	295290	26.878	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.520%
36) 1,2-Dichloropropane-d6	9.205	67	83949	26.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.120%
41) Toluene-d8	10.269	98	267288	25.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.920%
43) trans-1,3-Dichloroprop...	10.522	79	33358	25.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.320%
47) 2-Hexanone-d5	10.875	63	18106	44.256	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	64225	22.912	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	79592	29.299	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.200%
Target Compounds			Qvalue			
16) Methylene chloride	4.799	84	9064	2.494	ug/L	95
25) Chloroform	7.587	83	2207	0.395	ug/L #	71
27) 1,2-Dichloroethane	8.199	62	1550	0.478	ug/L #	72
35) Methylcyclohexane	9.205	83	20089	3.988	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	9068	3.136	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2661	0.590	ug/L #	80
40) 4-Methyl-2-pentanone	9.969	43	749	0.621	ug/L #	1
44) trans-1,3-Dichloropropene	10.522	75	1626	0.426	ug/L	94
48) 2-Hexanone	10.881	43	1829	1.751	ug/L #	57
61) 1,2,3-Trichloropropane	13.516	75	9042	6.506	ug/L #	63

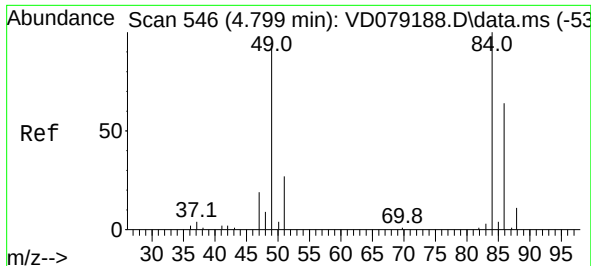
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 02:21:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 15 02:21:23 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.494 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

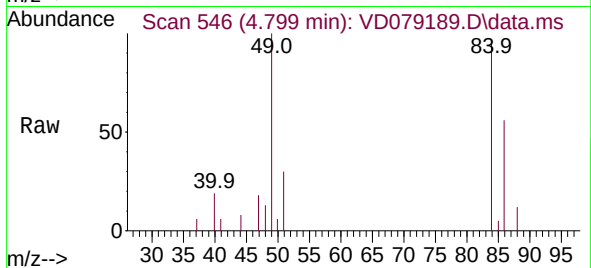
Lab File: VD079189.D

Acq: 14 Jun 2024 12:45

Instrument :

MSVOA_D

ClientSampleId :



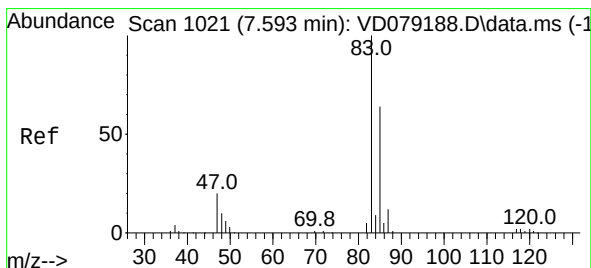
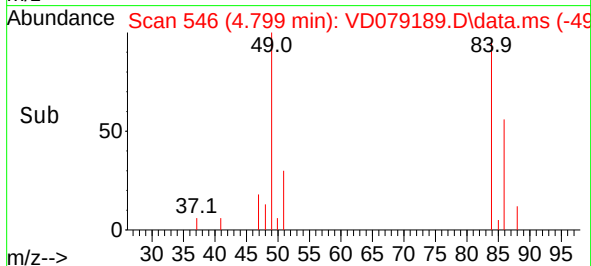
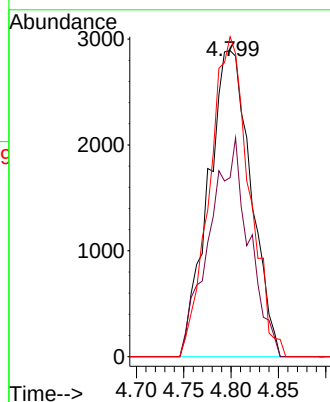
Tgt Ion: 84 Resp: 9064

Ion Ratio Lower Upper

84 100

86 58.5 40.9 76.0

49 104.5 67.5 125.3



#25

Chloroform

Concen: 0.395 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.006 min

Lab File: VD079189.D

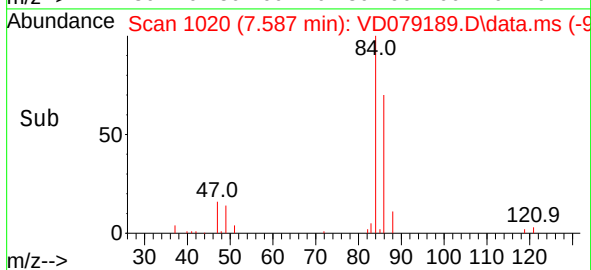
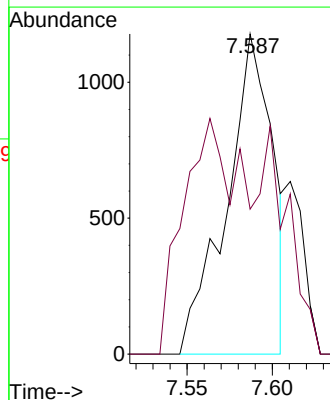
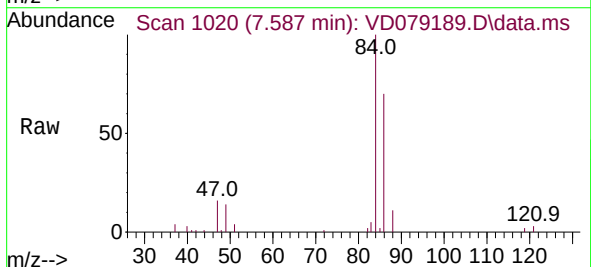
Acq: 14 Jun 2024 12:45

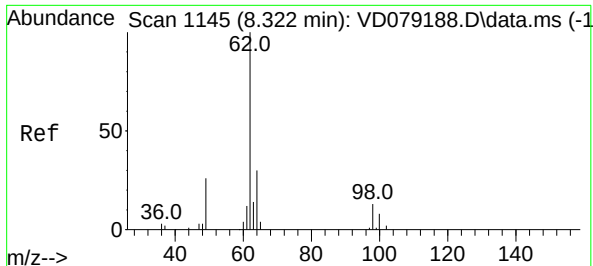
Tgt Ion: 83 Resp: 2207

Ion Ratio Lower Upper

83 100

85 45.2 47.9 89.1#

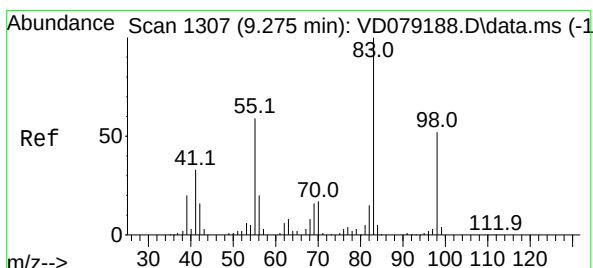
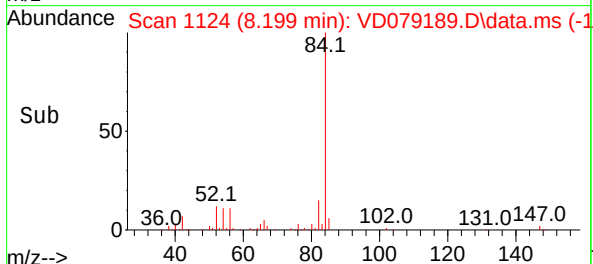
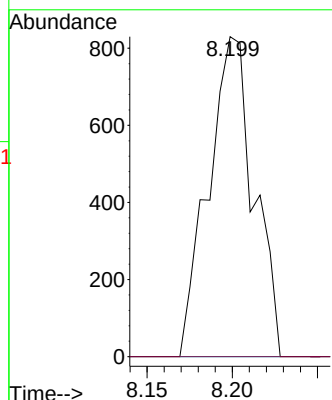
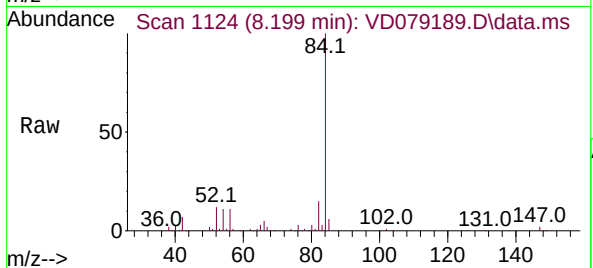




#27
1,2-Dichloroethane
Concen: 0.478 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.123 min
Lab File: VD079189.D
Acq: 14 Jun 2024 12:45

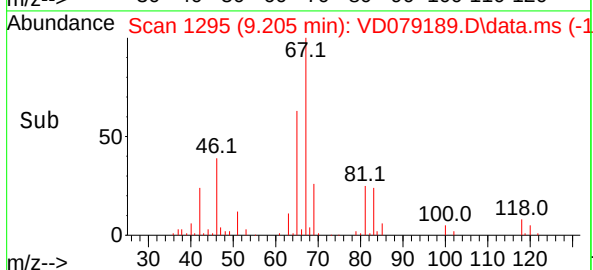
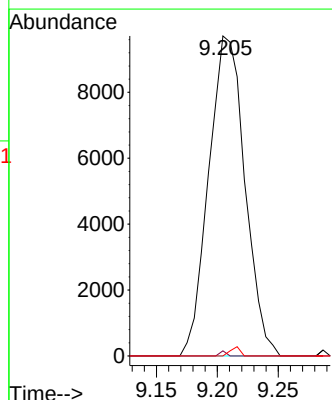
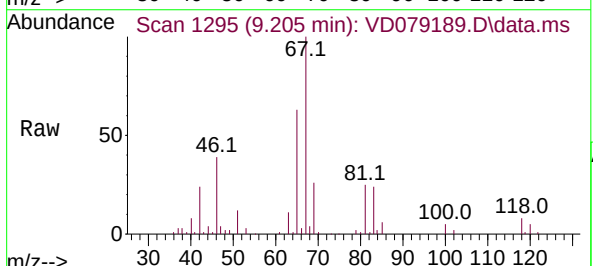
Instrument :
MSVOA_D
ClientSampleId :

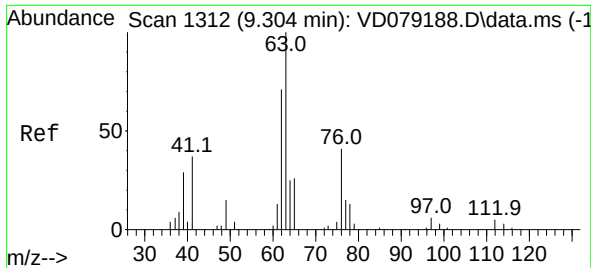
Tgt Ion: 62 Resp: 1550
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#35
Methylcyclohexane
Concen: 3.988 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.070 min
Lab File: VD079189.D
Acq: 14 Jun 2024 12:45

Tgt Ion: 83 Resp: 20089
Ion Ratio Lower Upper
83 100
55 0.0 48.6 72.8#
98 0.8 40.2 60.2#

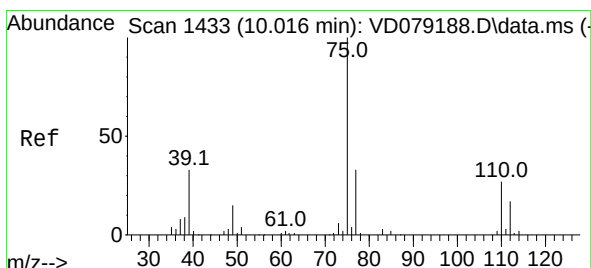
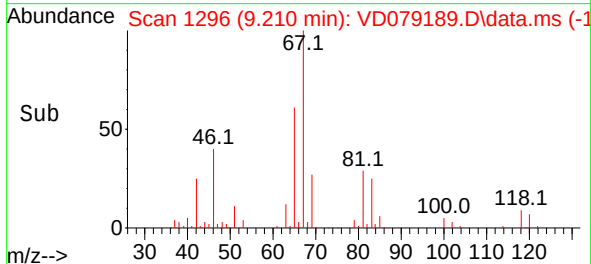
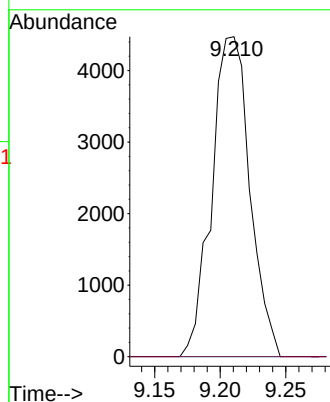
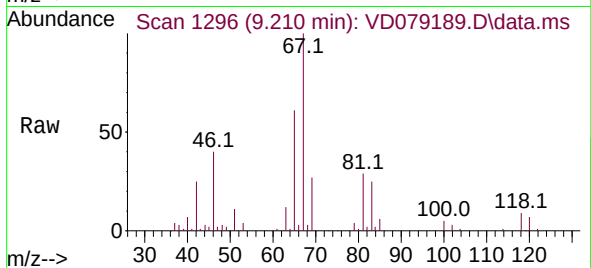




#37
1,2-Dichloropropane
Concen: 3.136 ug/L
RT: 9.210 min Scan# 1427
Delta R.T. -0.094 min
Lab File: VD079189.D
Acq: 14 Jun 2024 12:45

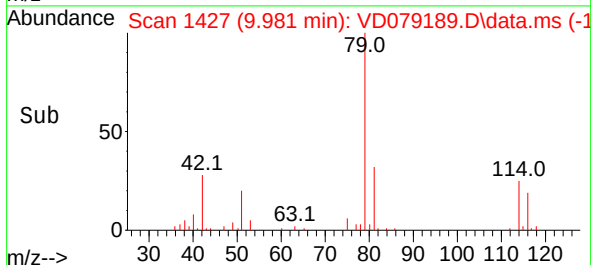
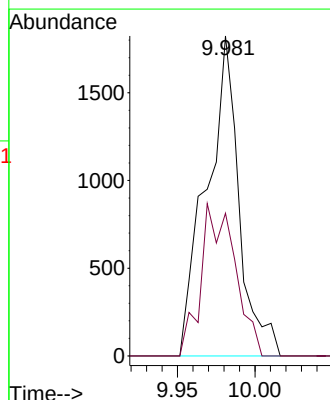
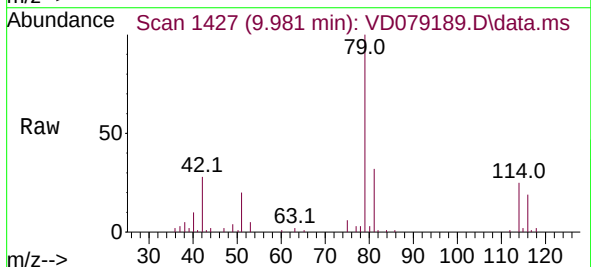
Instrument :
MSVOA_D
ClientSampleId :

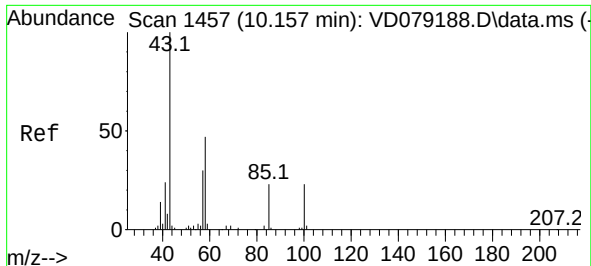
Tgt Ion: 63 Resp: 9068
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.590 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD079189.D
Acq: 14 Jun 2024 12:45

Tgt Ion: 75 Resp: 2661
Ion Ratio Lower Upper
75 100
77 44.6 23.4 43.4#





#40

4-Methyl-2-pentanone

Concen: 0.621 ug/L

RT: 9.969 min Scan# 1457

Delta R.T. -0.188 min

Lab File: VD079189.D

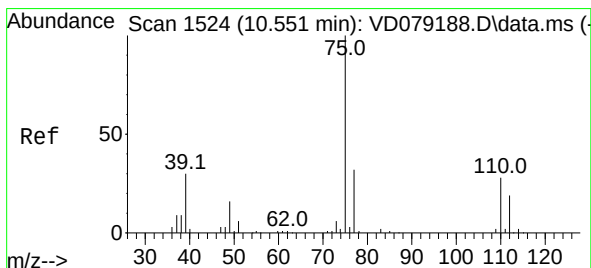
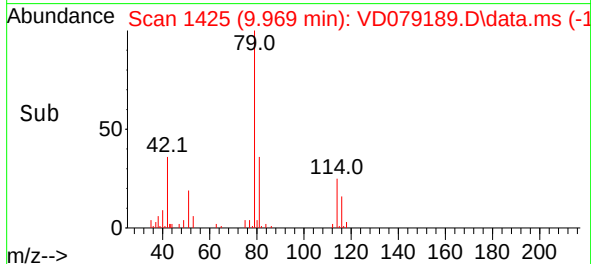
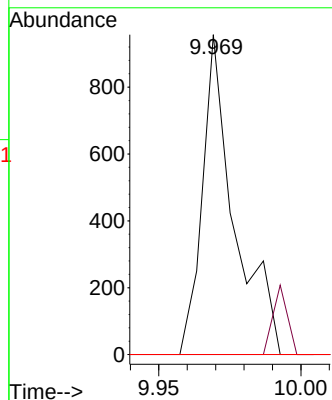
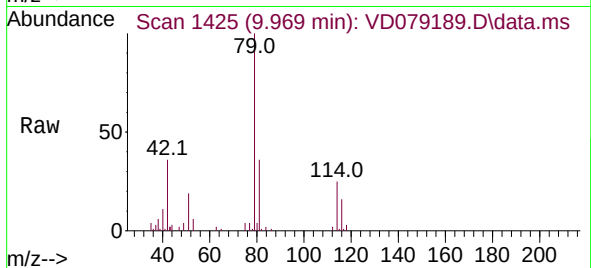
Acq: 14 Jun 2024 12:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 749
Ion Ratio	Lower Upper
43 100	
58 158.5	34.0 51.0#
100 0.0	16.9 25.3#



#44

trans-1,3-Dichloropropene

Concen: 0.426 ug/L

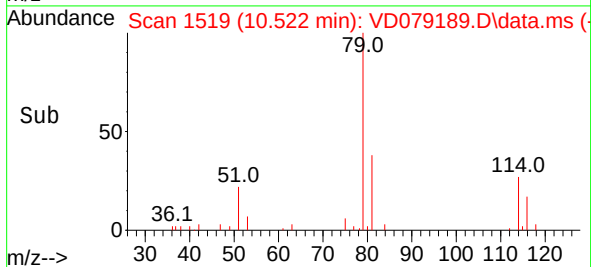
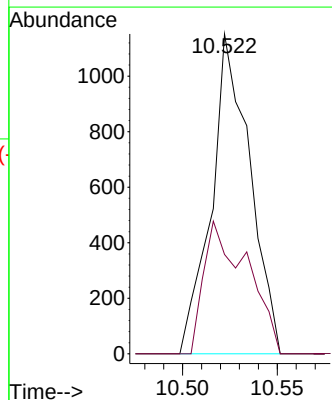
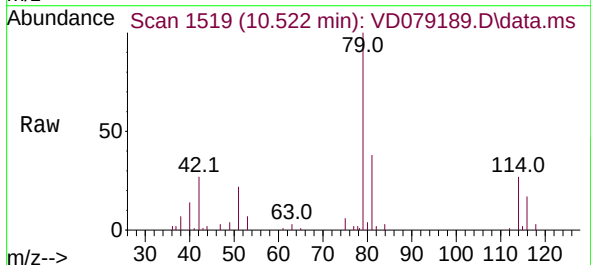
RT: 10.522 min Scan# 1519

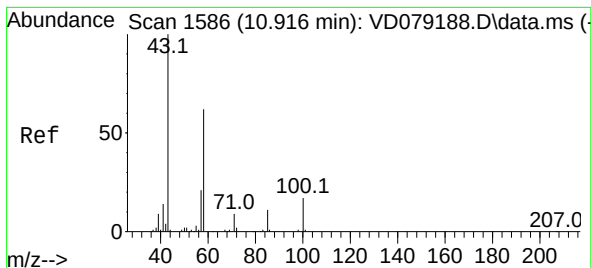
Delta R.T. -0.029 min

Lab File: VD079189.D

Acq: 14 Jun 2024 12:45

Tgt Ion: 75	Resp: 1626
Ion Ratio	Lower Upper
75 100	
77 31.1	24.3 45.1





#48

2-Hexanone

Concen: 1.751 ug/L

RT: 10.881 min Scan# 1

Delta R.T. -0.035 min MSVOA_D

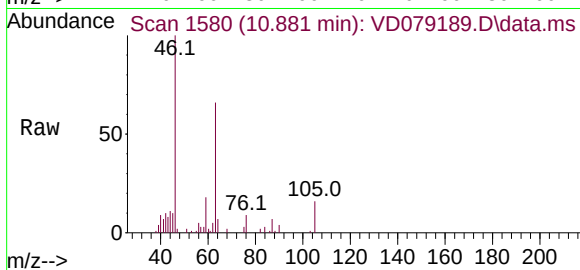
Lab File: VD079189.D

Acq: 14 Jun 2024 12:45

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 1829

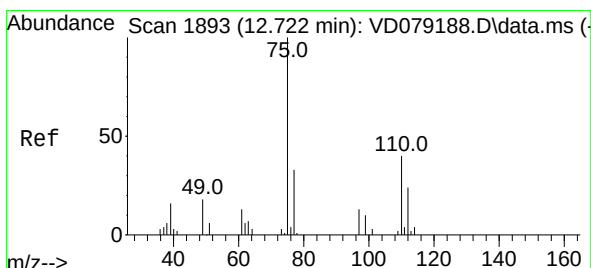
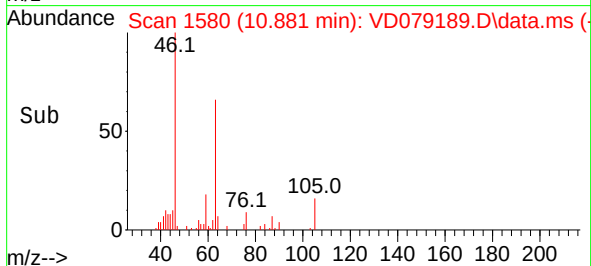
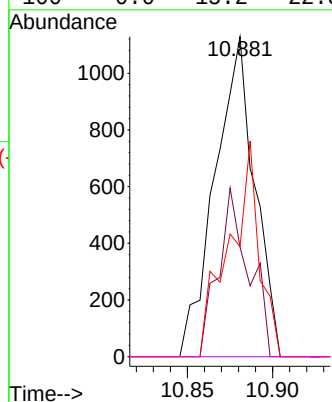
Ion Ratio Lower Upper

43 100

58 34.2 50.1 75.1#

57 50.7 16.5 24.7#

100 0.0 15.2 22.8#



#61

1,2,3-Trichloropropane

Concen: 6.506 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079189.D

Acq: 14 Jun 2024 12:45

Tgt Ion: 75 Resp: 9042

Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9

110 1.7 34.2 51.4#

