

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061424\
 Data File : VD079192.D
 Acq On : 14 Jun 2024 16:56
 Operator : RP/MD
 Sample : P2897-04
 Misc : 3.79G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 02:22:34 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)

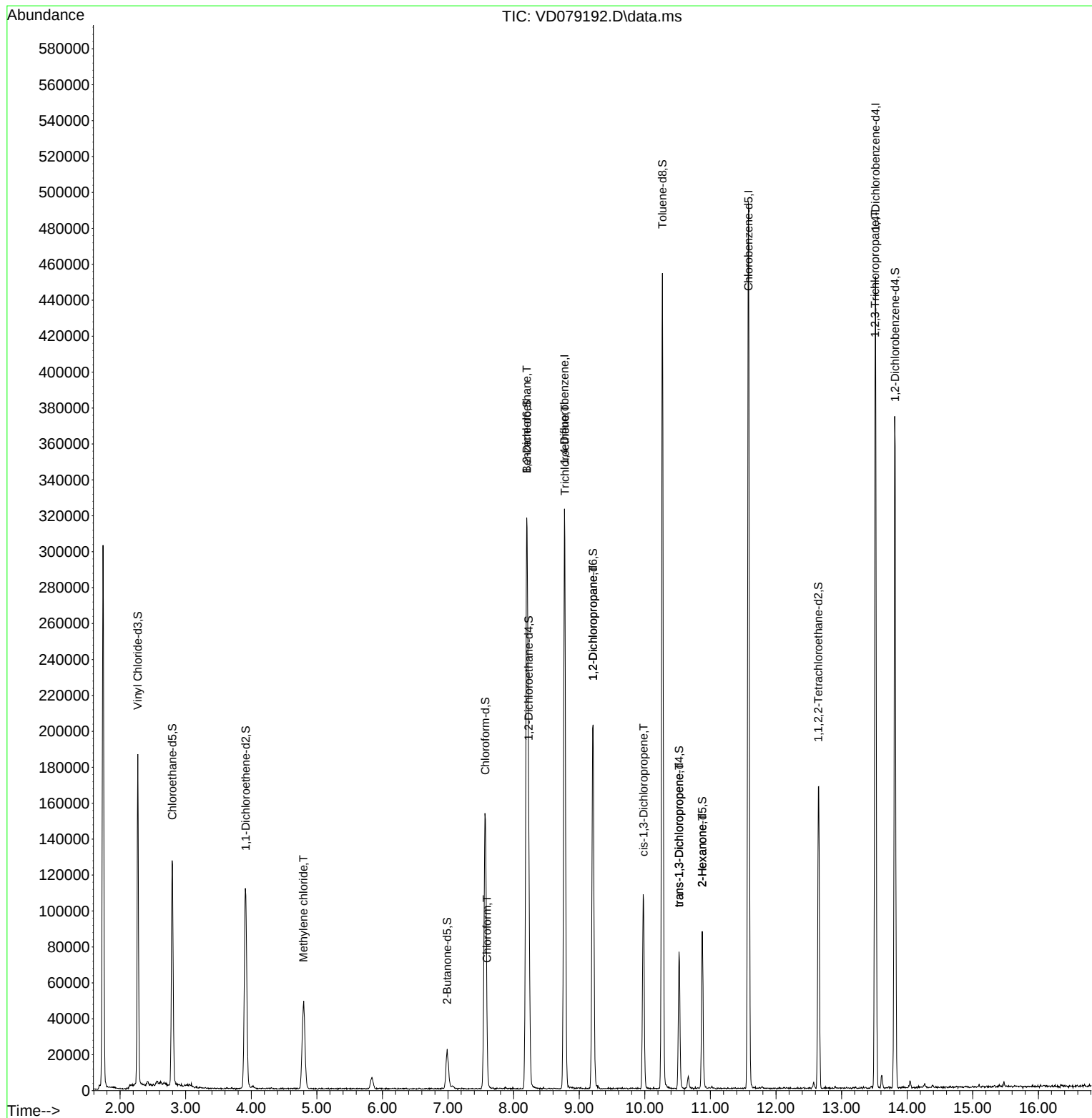
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	301311	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	308245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	130931	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	165405	17.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.360%
7) Chloroethane-d5	2.799	69	135464	15.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.440%
11) 1,1-Dichloroethene-d2	3.917	65	32315	19.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.520%
21) 2-Butanone-d5	6.987	46	36213	51.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.120%
24) Chloroform-d	7.569	84	172675	20.496	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	8.228	65	88670	22.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.280%
32) Benzene-d6	8.199	84	363203	21.255	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.040%
36) 1,2-Dichloropropane-d6	9.210	67	110015	22.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.400%
41) Toluene-d8	10.269	98	324405	20.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.120%
43) trans-1,3-Dichloroprop...	10.522	79	46576	22.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.875	63	31404	49.351	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	93670	21.484	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	105358	23.316	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.280%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	41685	7.764	ug/L	92
25) Chloroform	7.593	83	2837	0.344	ug/L	98
27) 1,2-Dichloroethane	8.199	62	1811	0.378	ug/L #	72
34) Trichloroethene	8.781	95	8218	1.738	ug/L #	1
37) 1,2-Dichloropropane	9.210	63	10786	2.399	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3144	0.448	ug/L	96
44) trans-1,3-Dichloropropene	10.522	75	2054	0.346	ug/L	87
48) 2-Hexanone	10.875	43	3480	2.142	ug/L #	70
61) 1,2,3-Trichloropropane	13.510	75	14282	6.178	ug/L #	63

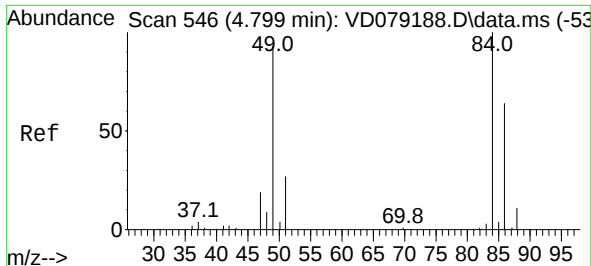
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Jun 15 02:21:23 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 7.764 ug/L

RT: 4.793 min Scan# 546

Delta R.T. -0.006 min

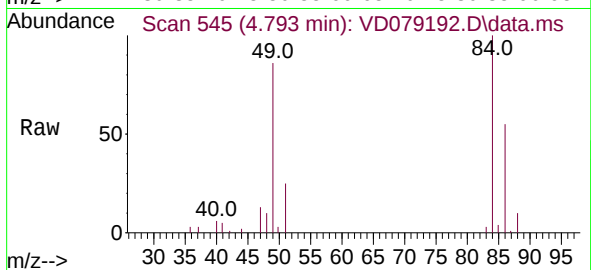
Lab File: VD079192.D

Acq: 14 Jun 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :



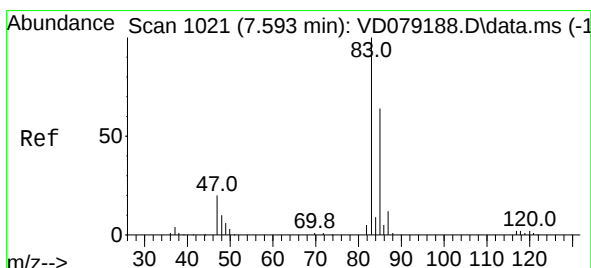
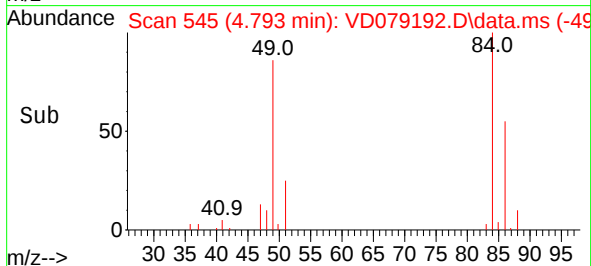
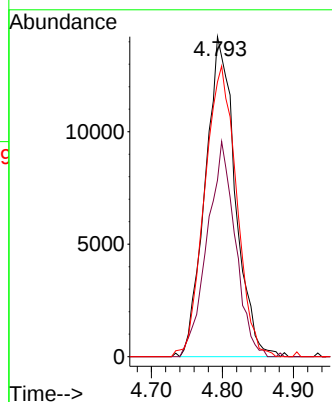
Tgt Ion: 84 Resp: 41685

Ion Ratio Lower Upper

84 100

86 55.1 40.9 76.0

49 85.9 67.5 125.3



#25

Chloroform

Concen: 0.344 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079192.D

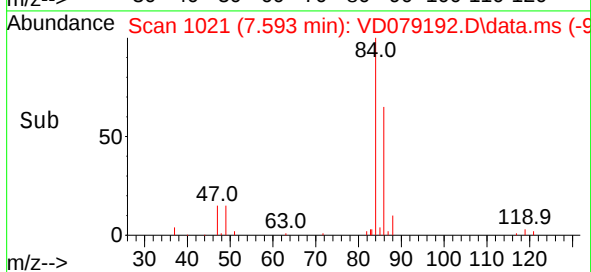
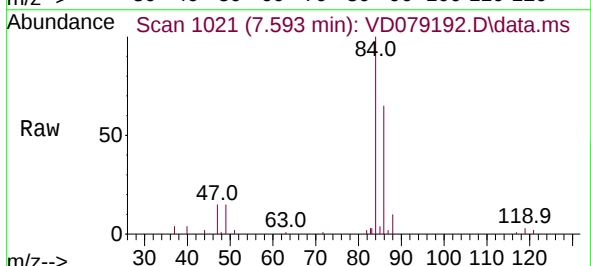
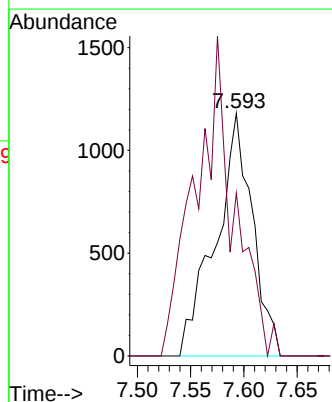
Acq: 14 Jun 2024 16:56

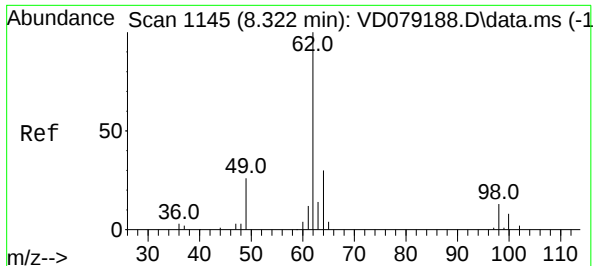
Tgt Ion: 83 Resp: 2837

Ion Ratio Lower Upper

83 100

85 67.1 47.9 89.1

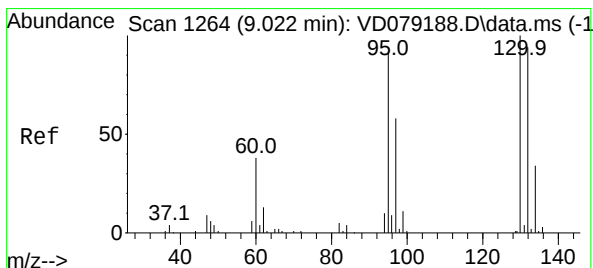
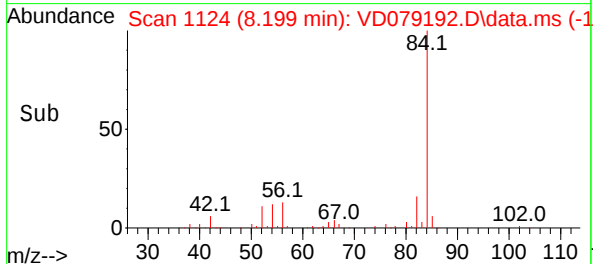
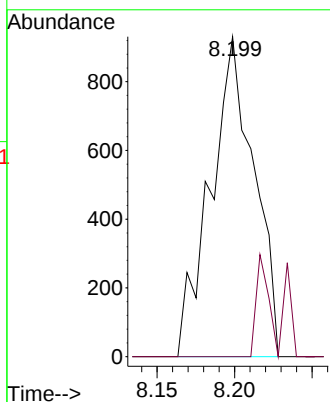
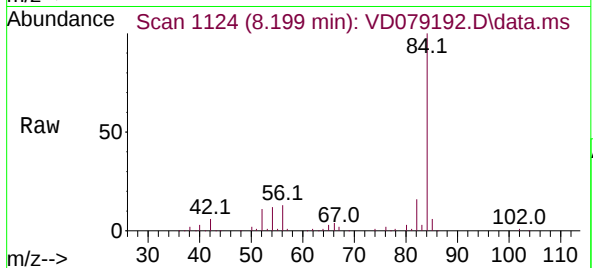




#27
1,2-Dichloroethane
Concen: 0.378 ug/L
RT: 8.199 min Scan# 1145
Delta R.T. -0.123 min
Lab File: VD079192.D
Acq: 14 Jun 2024 16:56

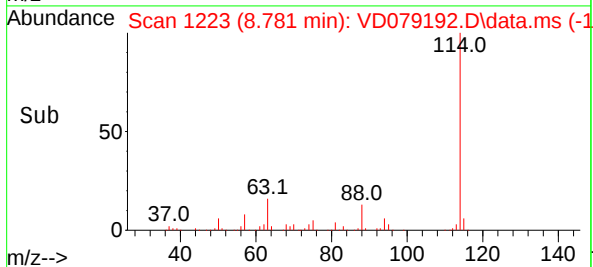
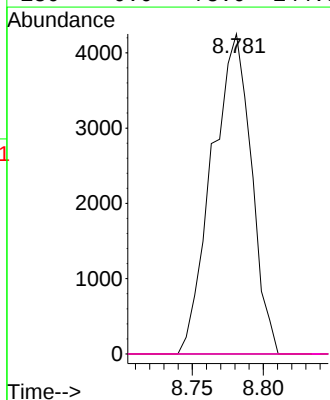
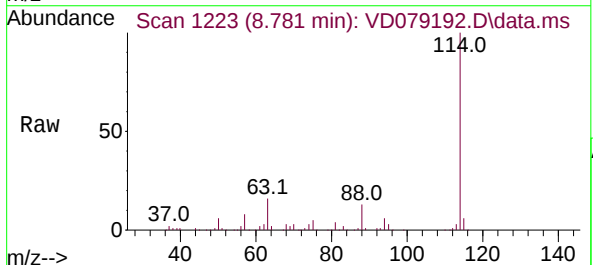
Instrument :
MSVOA_D
ClientSampleId :

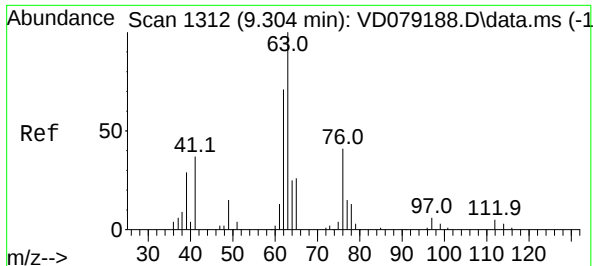
Tgt Ion: 62 Resp: 1811
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 1.738 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.241 min
Lab File: VD079192.D
Acq: 14 Jun 2024 16:56

Tgt Ion: 95 Resp: 8218
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#

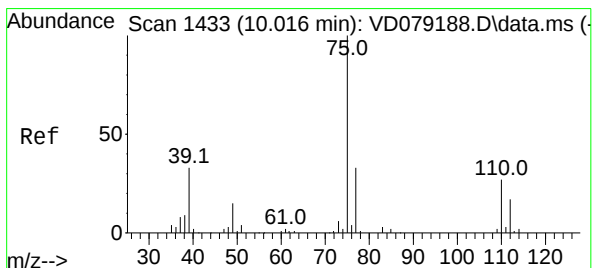
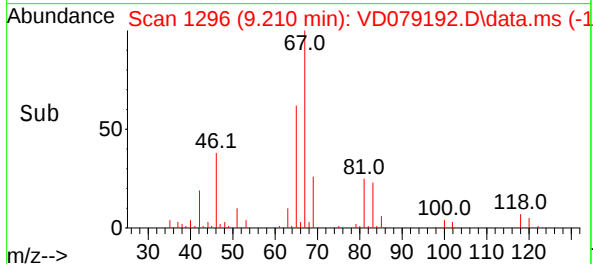
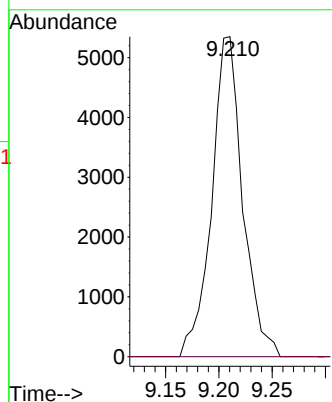
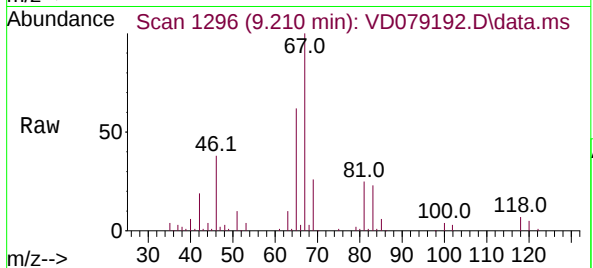




#37
1,2-Dichloropropane
Concen: 2.399 ug/L
RT: 9.210 min Scan# 1427
Delta R.T. -0.094 min
Lab File: VD079192.D
Acq: 14 Jun 2024 16:56

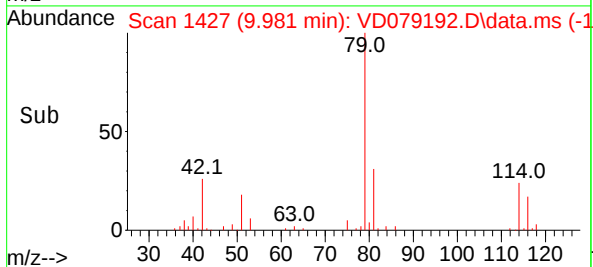
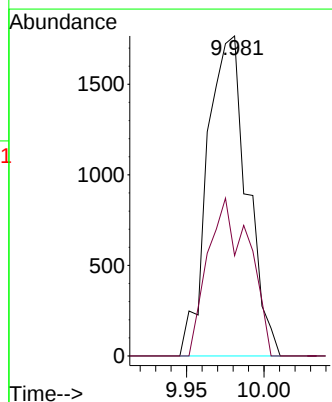
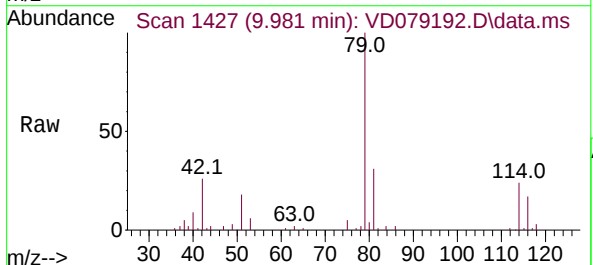
Instrument :
MSVOA_D
ClientSampleId :

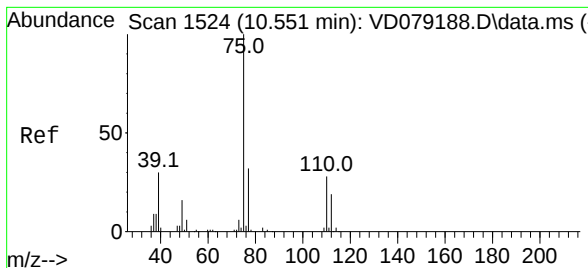
Tgt Ion: 63 Resp: 10786
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.448 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD079192.D
Acq: 14 Jun 2024 16:56

Tgt Ion: 75 Resp: 3144
Ion Ratio Lower Upper
75 100
77 31.4 23.4 43.4

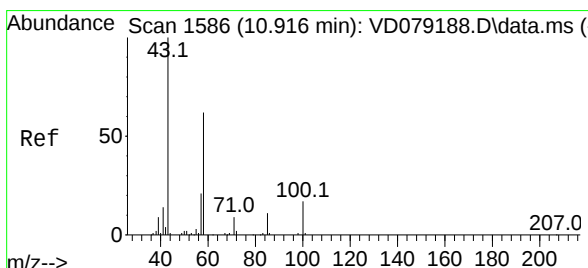
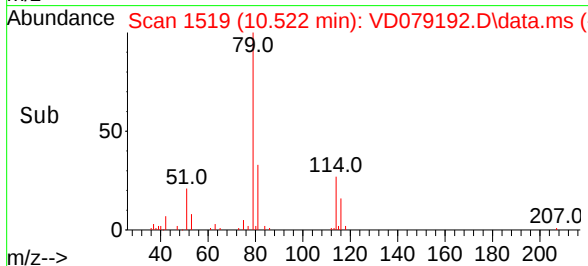
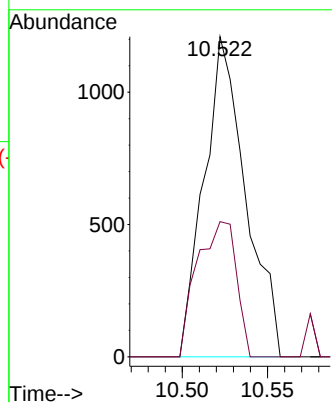
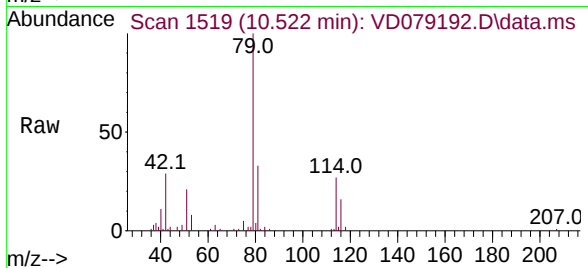




#44
trans-1,3-Dichloropropene
Concen: 0.346 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.029 min
Lab File: VD079192.D
Acq: 14 Jun 2024 16:56

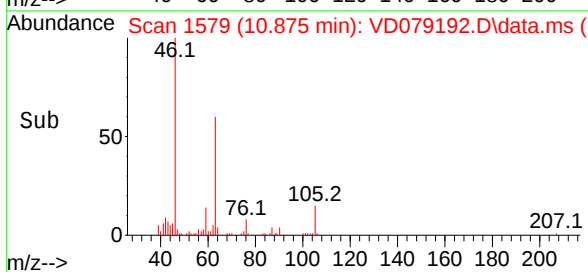
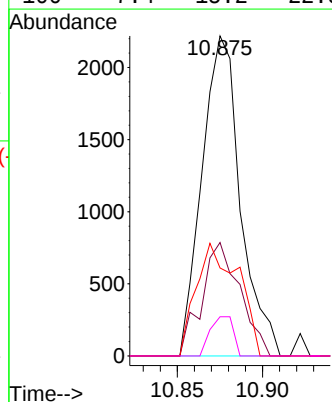
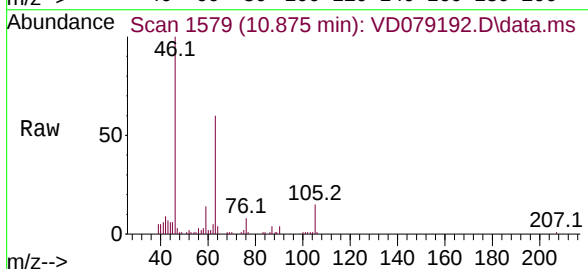
Instrument :
MSVOA_D
ClientSampleId :

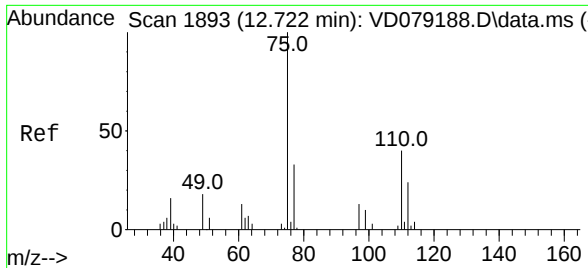
Tgt Ion: 75 Resp: 2054
Ion Ratio Lower Upper
75 100
77 42.2 24.3 45.1



#48
2-Hexanone
Concen: 2.142 ug/L
RT: 10.875 min Scan# 1579
Delta R.T. -0.041 min
Lab File: VD079192.D
Acq: 14 Jun 2024 16:56

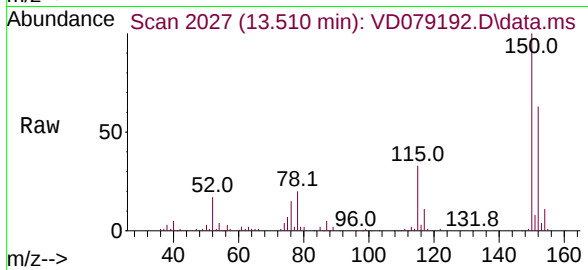
Tgt Ion: 43 Resp: 3480
Ion Ratio Lower Upper
43 100
58 35.3 50.1 75.1#
57 29.0 16.5 24.7#
100 7.4 15.2 22.8#





#61
 1,2,3-Trichloropropane
 Concen: 6.178 ug/L
 RT: 13.510 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD079192.D
 Acq: 14 Jun 2024 16:56

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 14282
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.9 38.9
 110 1.1 34.2 51.4#

