

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040323\
 Data File : VD075565.D
 Acq On : 03 Apr 2023 13:56
 Operator : KP/SY
 Sample : 02150-05
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK002

Quant Time: Apr 04 01:48:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

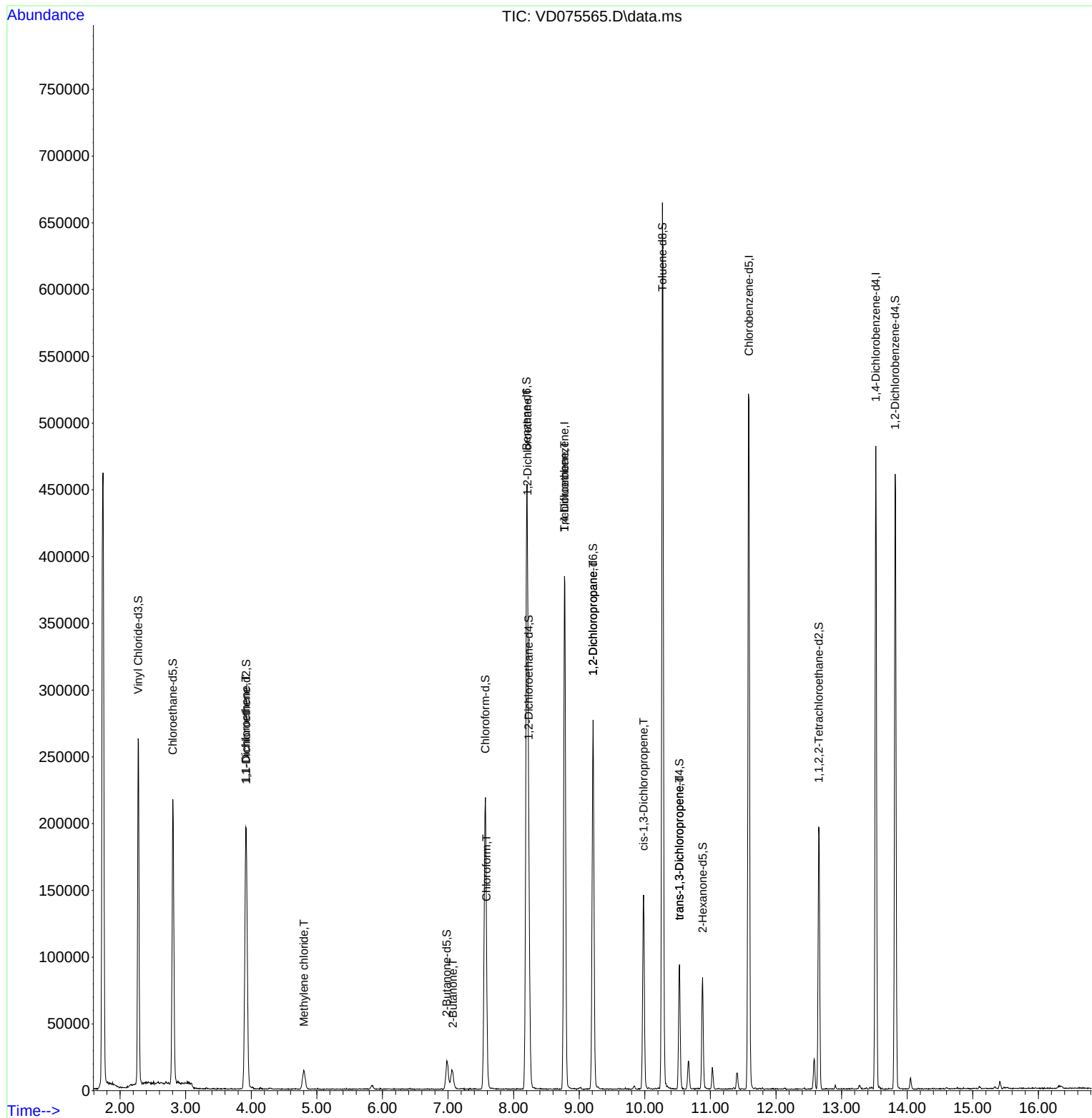
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	384708	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	338155	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	136308	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	254866	28.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.800%
7) Chloroethane-d5	2.805	69	228802	28.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.840%
11) 1,1-Dichloroethene-d2	3.922	63	165759	22.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.760%
21) 2-Butanone-d5	6.981	46	35043	60.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.160%
24) Chloroform-d	7.569	84	237960	26.236	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.960%
26) 1,2-Dichloroethane-d4	8.228	65	103813	25.828	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.320%
32) Benzene-d6	8.199	84	517340	26.169	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.680%
36) 1,2-Dichloropropane-d6	9.210	67	139348	26.449	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.800%
41) Toluene-d8	10.269	98	489865	26.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.720%
43) trans-1,3-Dichloroprop...	10.528	79	56916	25.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.640%
47) 2-Hexanone-d5	10.881	63	30918	49.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	102246	25.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	134372	28.738	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.960%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.917	96	1432	0.390	ug/L #	1
16) Methylene chloride	4.805	84	13225	2.501	ug/L	96
22) 2-Butanone	7.075	43	516	0.708	ug/L #	33
25) Chloroform	7.587	83	3215	0.402	ug/L #	73
27) 1,2-Dichloroethane	8.210	62	1340	0.324	ug/L #	67
34) Trichloroethene	8.775	95	10104	2.073	ug/L #	3
37) 1,2-Dichloropropane	9.210	63	13920	3.400	ug/L #	82
39) cis-1,3-Dichloropropene	9.981	75	3924	0.605	ug/L #	80
44) trans-1,3-Dichloropropene	10.528	75	2846	0.516	ug/L #	74

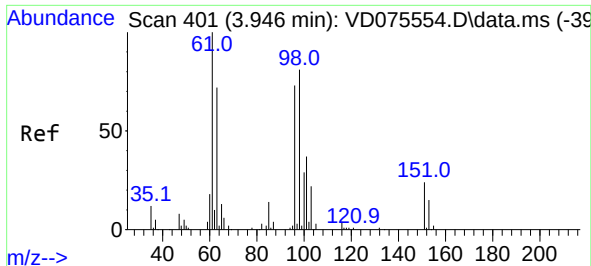
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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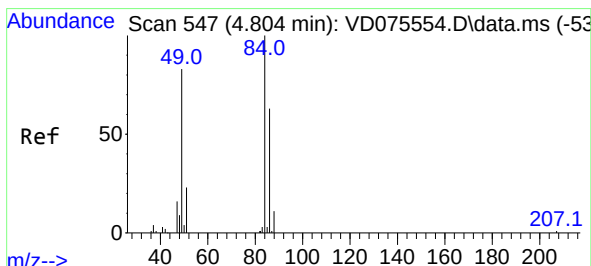
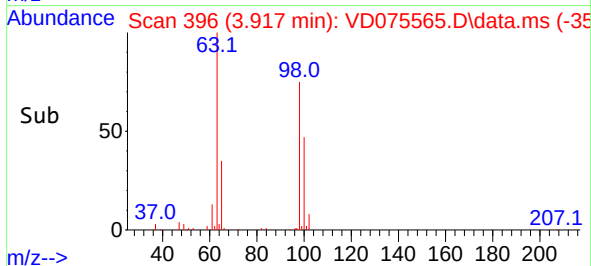
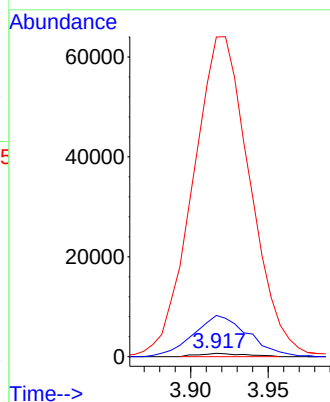
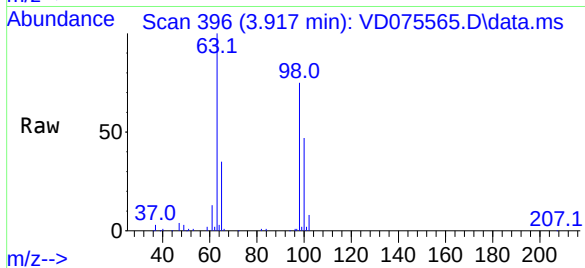




#12
1,1-Dichloroethene
Concen: 0.390 ug/L
RT: 3.917 min Scan# 396
Delta R.T. -0.029 min
Lab File: VD075565.D
Acq: 03 Apr 2023 13:56

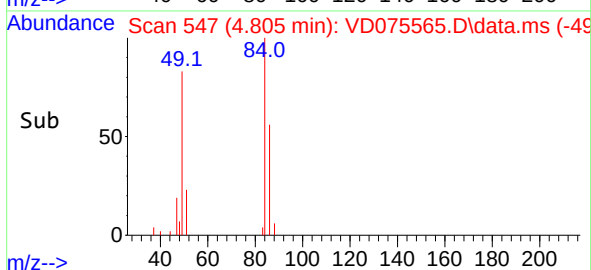
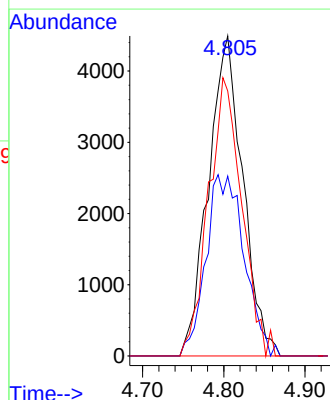
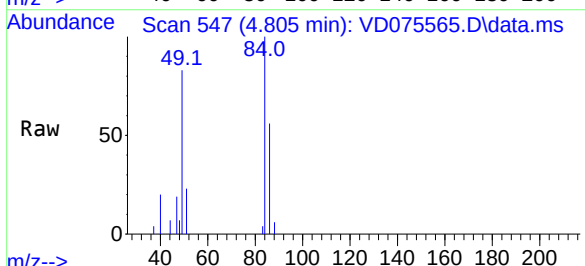
Instrument :
MSVOA_D
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VHBLK002

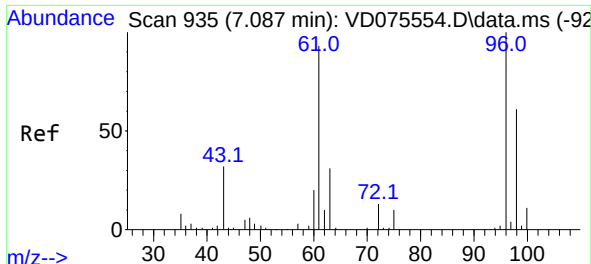
Tgt Ion: 96 Resp: 1432
Ion Ratio Lower Upper
96 100
61 1206.1 96.7 179.7#
63 9344.2 76.0 141.2#



#16
Methylene chloride
Concen: 2.501 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075565.D
Acq: 03 Apr 2023 13:56

Tgt Ion: 84 Resp: 13225
Ion Ratio Lower Upper
84 100
86 56.2 44.4 82.4
49 82.8 58.5 108.7

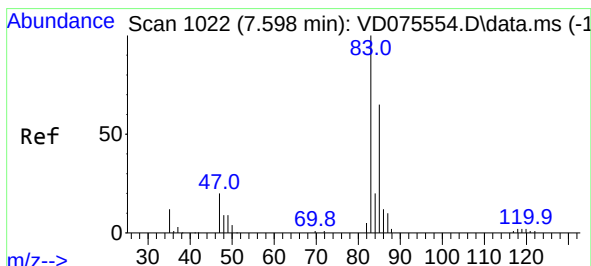
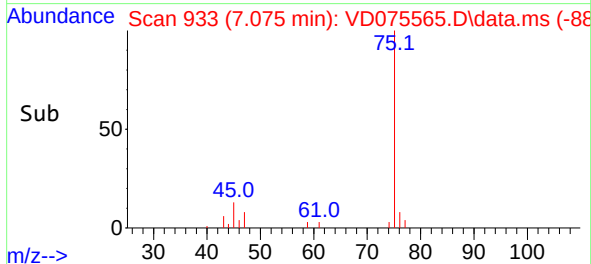
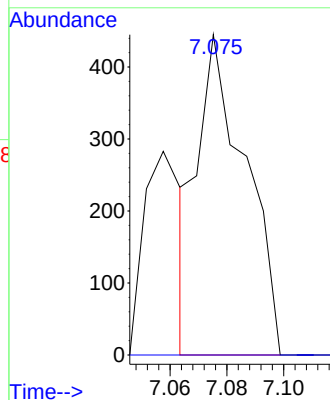
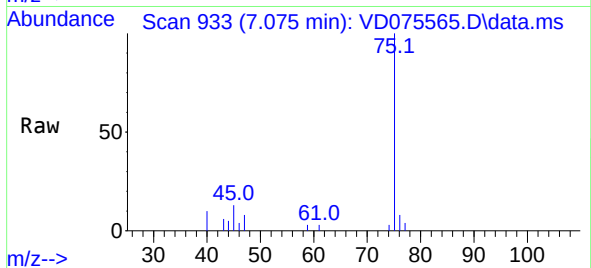




#22
2-Butanone
Concen: 0.708 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD075565.D
Acq: 03 Apr 2023 13:56

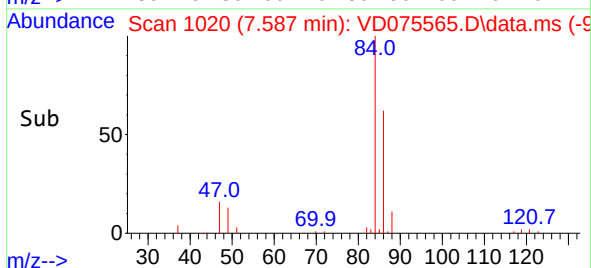
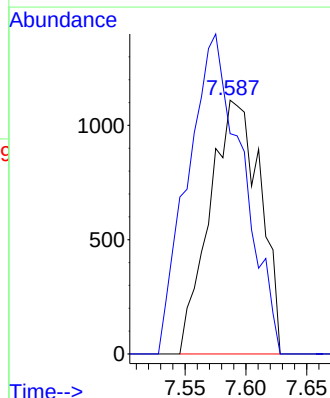
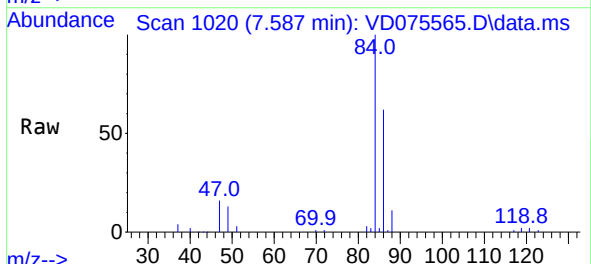
Instrument :
MSVOA_D
ClientSampleId :
VHBLK002

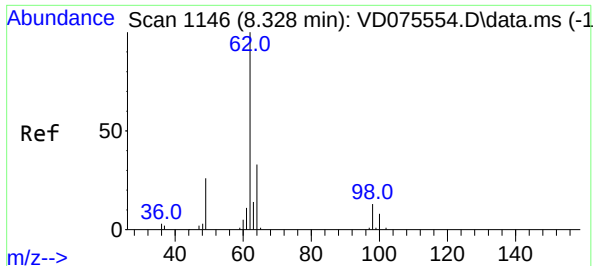
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
72 0.0 21.3 63.9#



#25
Chloroform
Concen: 0.402 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.011 min
Lab File: VD075565.D
Acq: 03 Apr 2023 13:56

Tgt Ion: 83 Resp: 3215
Ion Ratio Lower Upper
83 100
85 86.8 45.8 85.0#

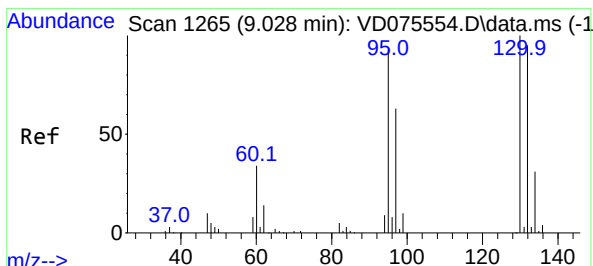
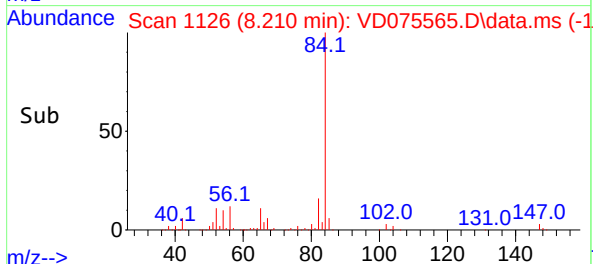
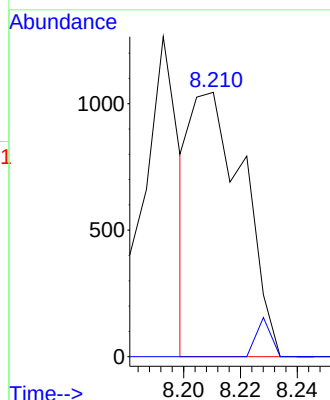
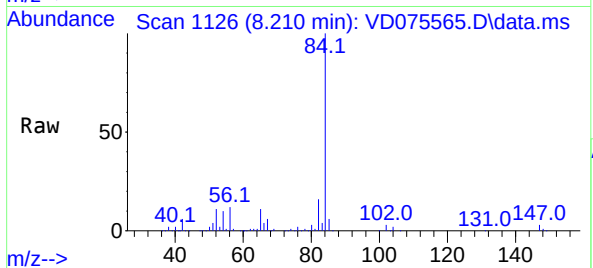




#27
1,2-Dichloroethane
Concen: 0.324 ug/L
RT: 8.210 min Scan# 1146
Delta R.T. -0.117 min
Lab File: VD075554.D
Acq: 03 Apr 2023 13:56

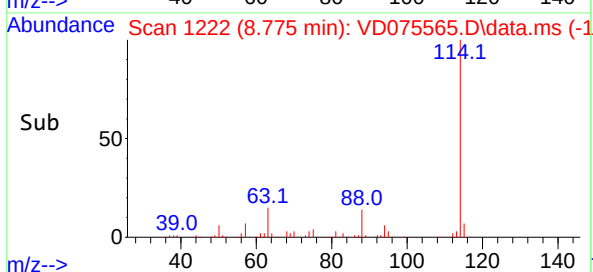
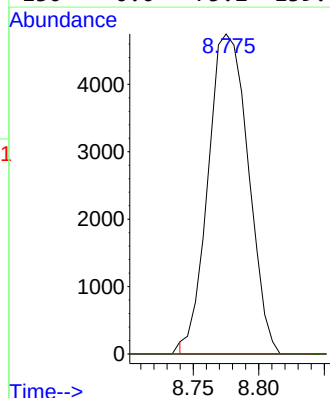
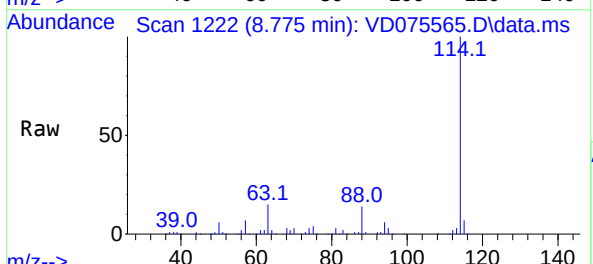
Instrument :
MSVOA_D
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VHBLK002

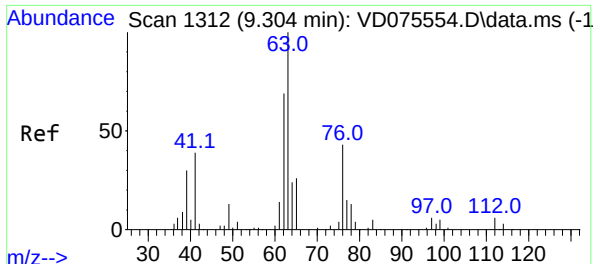
Tgt Ion: 62 Resp: 1340
Ion Ratio Lower Upper
62 100
98 0.0 10.5 15.7#



#34
Trichloroethene
Concen: 2.073 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075565.D
Acq: 03 Apr 2023 13:56

Tgt Ion: 95 Resp: 10104
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 71.2 132.2#
130 0.0 75.2 139.6#

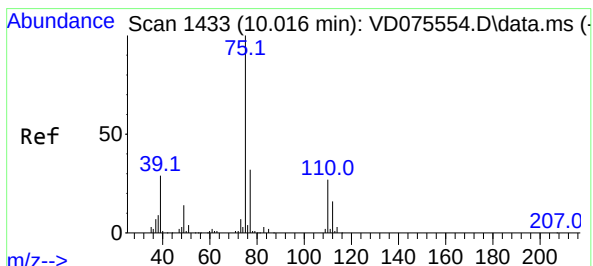
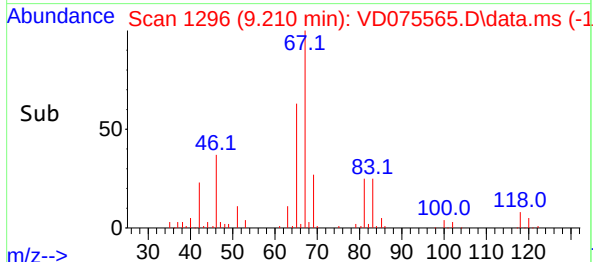
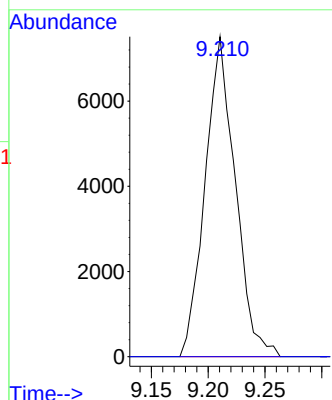
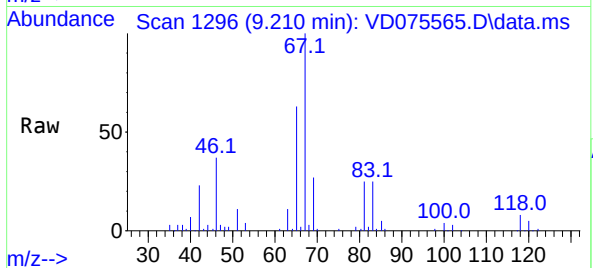




#37
1,2-Dichloropropane
Concen: 3.400 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075565.D
Acq: 03 Apr 2023 13:56

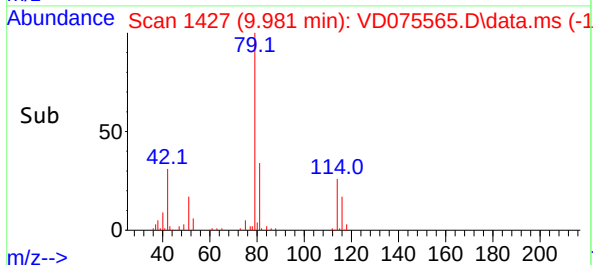
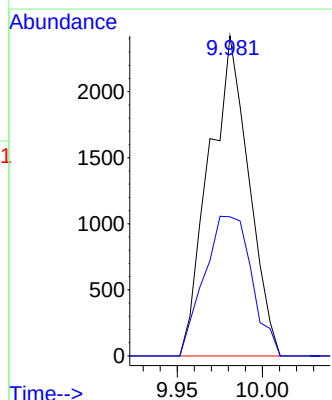
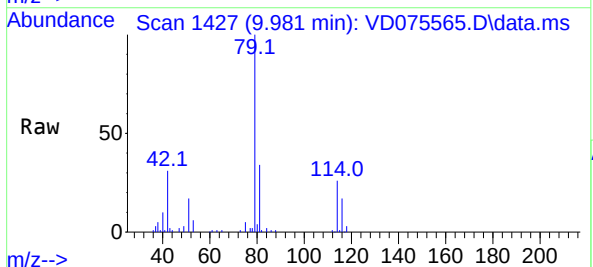
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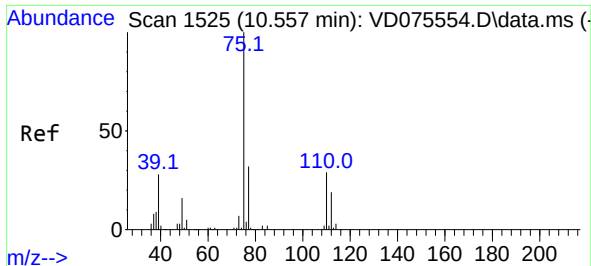
Tgt Ion: 63 Resp: 13920
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#



#39
cis-1,3-Dichloropropene
Concen: 0.605 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD075565.D
Acq: 03 Apr 2023 13:56

Tgt Ion: 75 Resp: 3924
Ion Ratio Lower Upper
75 100
77 43.5 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.516 ug/L

RT: 10.528 min Scan# 11

Delta R.T. -0.029 min

Lab File: VD075565.D

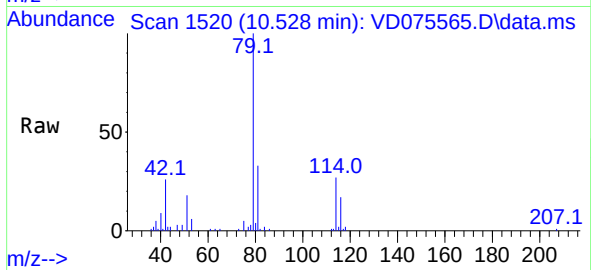
Acq: 03 Apr 2023 13:56

Instrument :

MSVOA_D

ClientSampleId :

VHBLK002



Tgt Ion: 75 Resp: 2846

Ion Ratio Lower Upper

75 100

77 45.9 22.1 41.1#

