

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040323\
 Data File : VD075566.D
 Acq On : 03 Apr 2023 14:50
 Operator : KP/SY
 Sample : 02130-19
 Misc : 4.99G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK002

Quant Time: Apr 04 01:49:06 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)

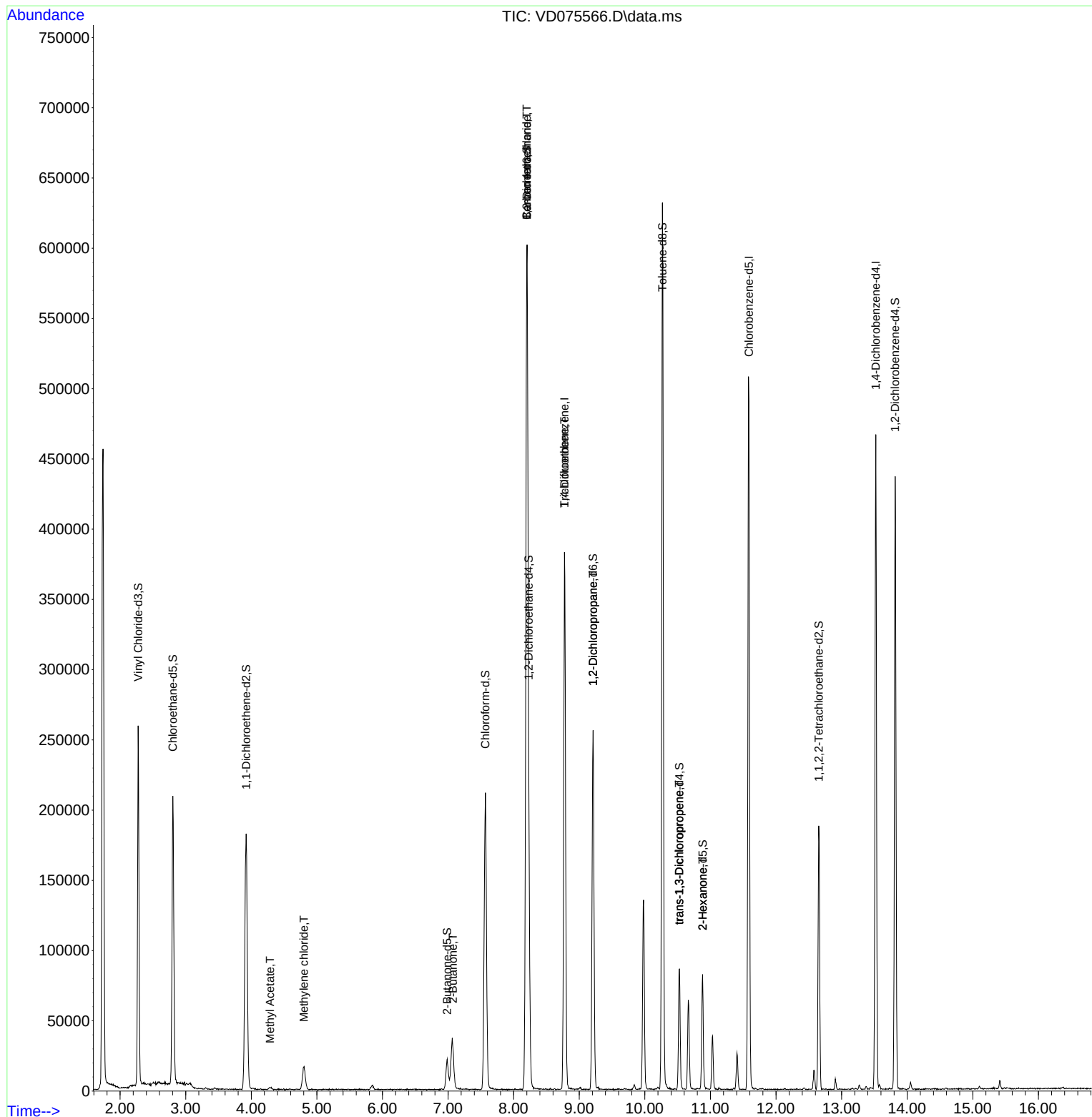
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	366263	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	322818	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	131483	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	236649	27.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.000%
7) Chloroethane-d5	2.805	69	222311	29.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.200%
11) 1,1-Dichloroethene-d2	3.922	63	153344	22.294	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.160%
21) 2-Butanone-d5	6.987	46	33577	60.462	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.920%
24) Chloroform-d	7.569	84	225923	26.163	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.640%
26) 1,2-Dichloroethane-d4	8.228	65	99148	25.909	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.640%
32) Benzene-d6	8.199	84	502047	26.602	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	9.210	67	131337	26.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.440%
41) Toluene-d8	10.269	98	459702	25.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.920%
43) trans-1,3-Dichloroprop...	10.528	79	54779	26.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.520%
47) 2-Hexanone-d5	10.881	63	29775	50.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	99235	26.337	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	125904	27.915	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.640%
Target Compounds						Qvalue
15) Methyl Acetate	4.287	43	394	0.404	ug/L #	39
16) Methylene chloride	4.805	84	15064	2.992	ug/L	96
22) 2-Butanone	7.075	43	492	0.709	ug/L	70
27) 1,2-Dichloroethane	8.199	62	1811	0.460	ug/L	94
31) Carbon tetrachloride	8.199	117	3778	0.736	ug/L #	16
34) Trichloroethene	8.775	95	9735	2.092	ug/L #	3
37) 1,2-Dichloropropane	9.210	63	13393	3.427	ug/L #	82
44) trans-1,3-Dichloropropene	10.522	75	2182	0.414	ug/L #	61
48) 2-Hexanone	10.881	43	2819	2.855	ug/L #	54

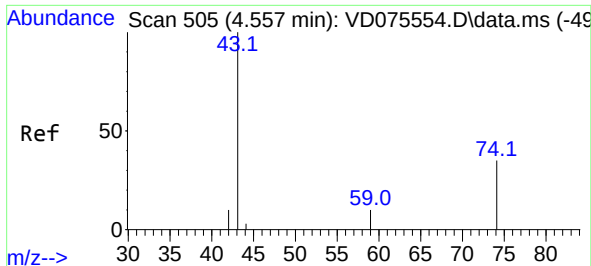
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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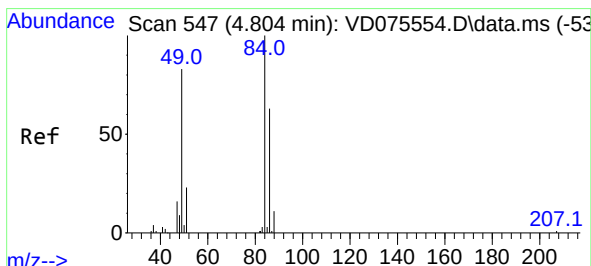
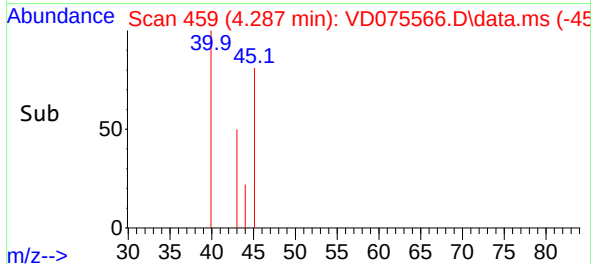
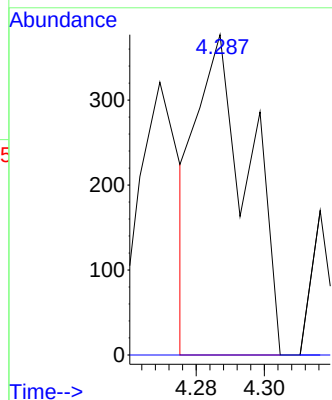
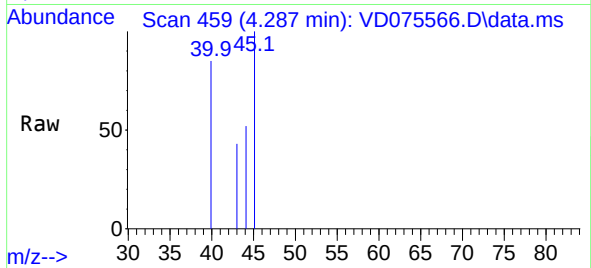




#15
Methyl Acetate
Concen: 0.404 ug/L
RT: 4.287 min Scan# 41
Delta R.T. -0.270 min
Lab File: VD075566.D
Acq: 03 Apr 2023 14:50

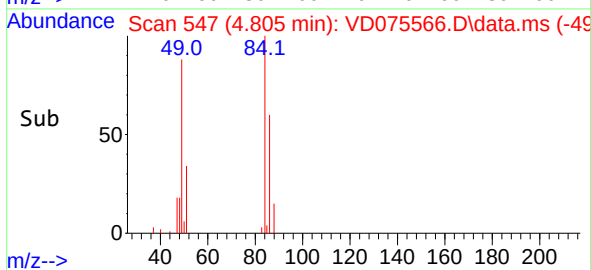
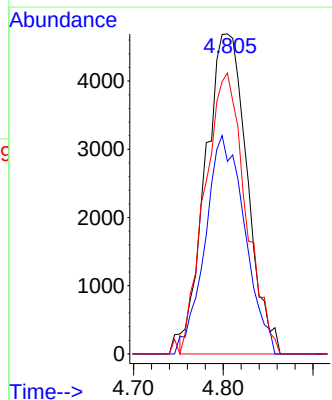
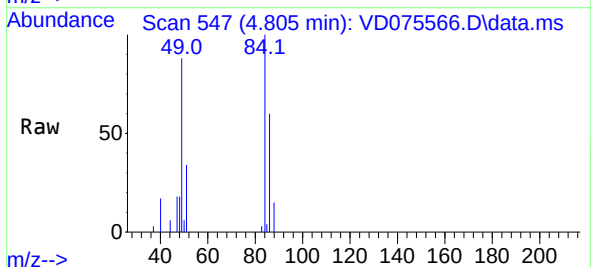
Instrument :
MSVOA_D
ClientSampleId :
VHBLK002

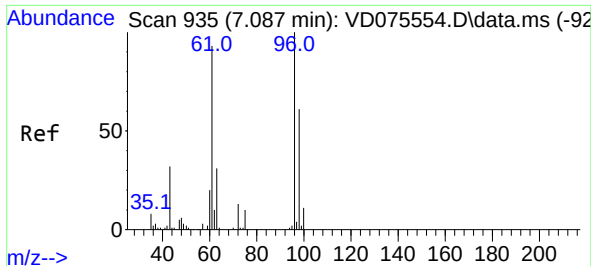
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
74 0.0 29.0 43.4#



#16
Methylene chloride
Concen: 2.992 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075566.D
Acq: 03 Apr 2023 14:50

Tgt Ion: 84 Resp: 15064
Ion Ratio Lower Upper
84 100
86 60.2 44.4 82.4
49 87.8 58.5 108.7

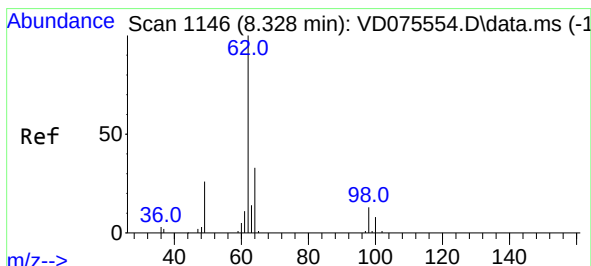
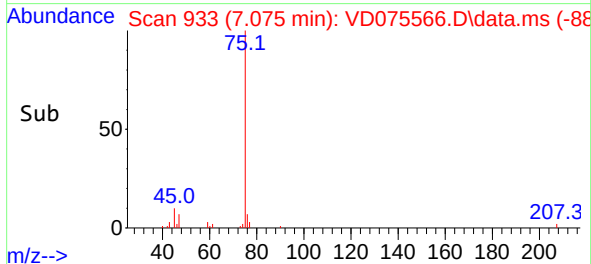
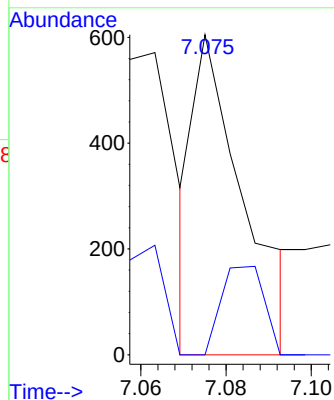
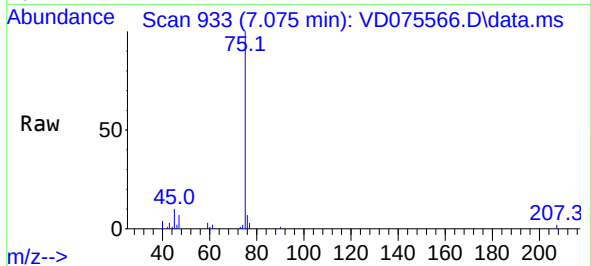




#22
2-Butanone
Concen: 0.709 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD075566.D
Acq: 03 Apr 2023 14:50

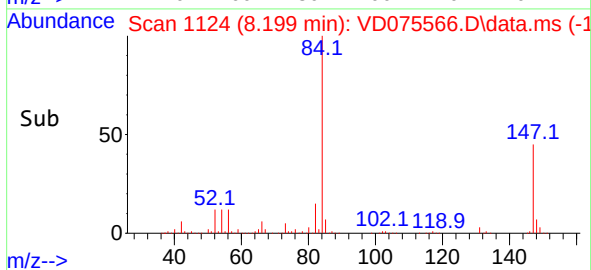
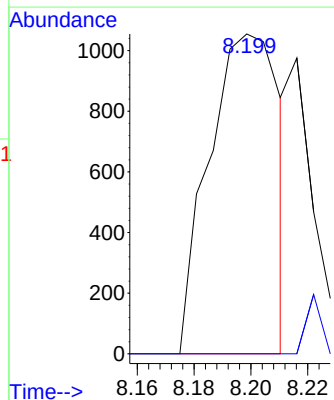
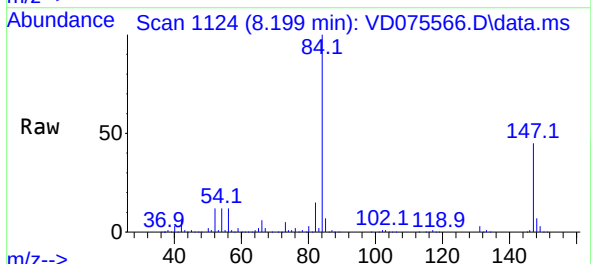
Instrument :
MSVOA_D
ClientSampleId :
VHBLK002

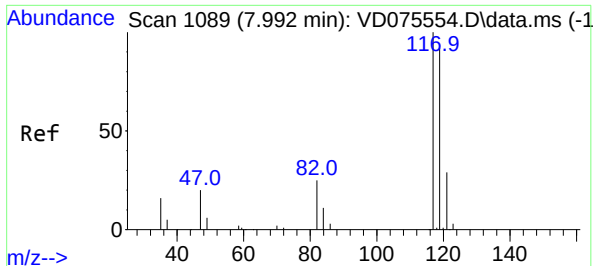
Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
72 23.8 21.3 63.9



#27
1,2-Dichloroethane
Concen: 0.460 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.129 min
Lab File: VD075566.D
Acq: 03 Apr 2023 14:50

Tgt Ion: 62 Resp: 1811
Ion Ratio Lower Upper
62 100
98 15.5 10.5 15.7

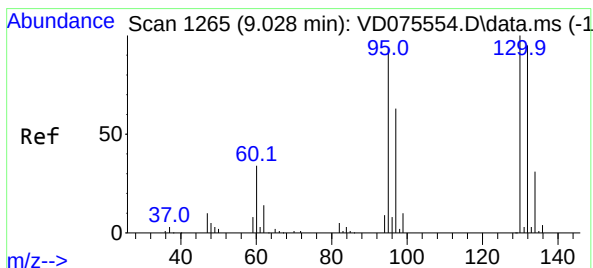
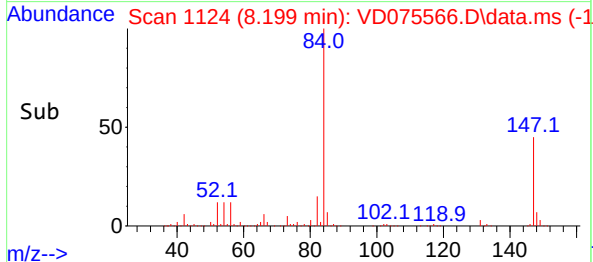
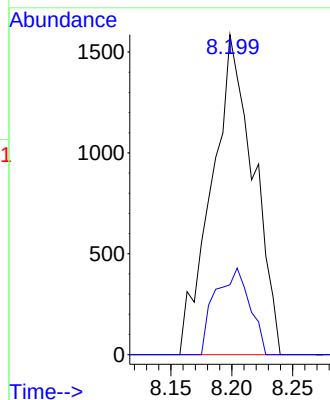
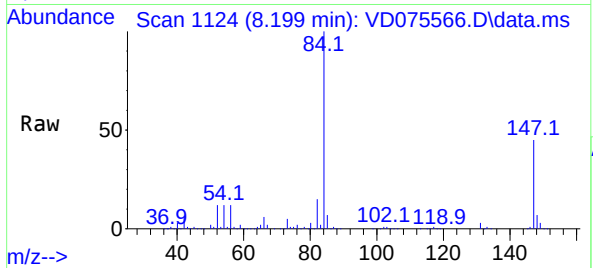




#31
Carbon tetrachloride
Concen: 0.736 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. 0.206 min
Lab File: VD075566.D
Acq: 03 Apr 2023 14:50

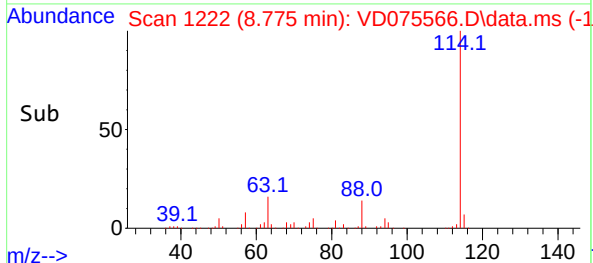
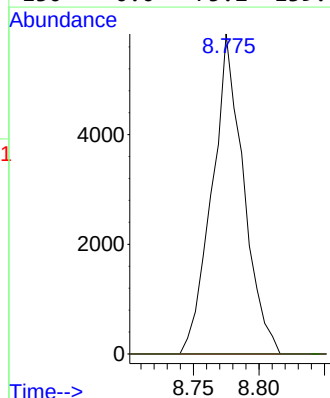
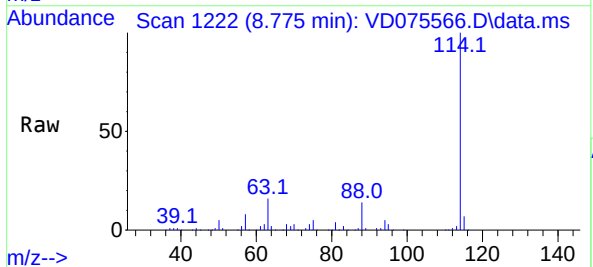
Instrument :
MSVOA_D
ClientSampleId :
VHBLK002

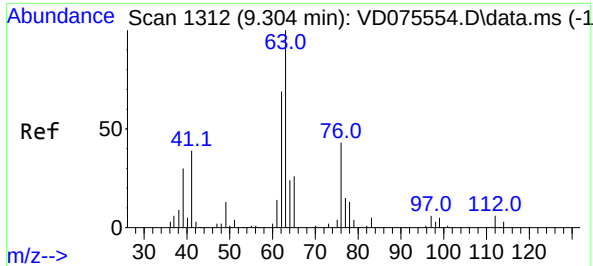
Tgt Ion:117 Resp: 3778
Ion Ratio Lower Upper
117 100
119 13.8 76.4 114.6#



#34
Trichloroethene
Concen: 2.092 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075566.D
Acq: 03 Apr 2023 14:50

Tgt Ion: 95 Resp: 9735
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#

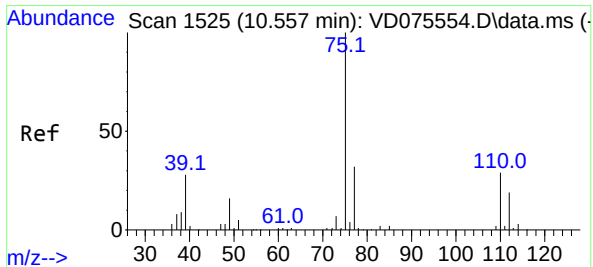
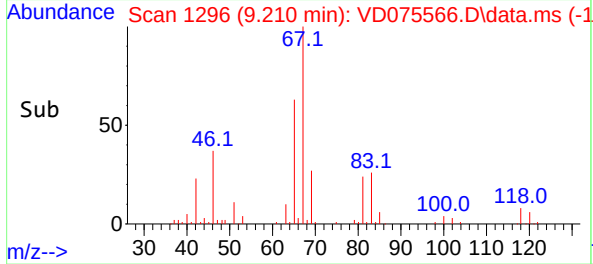
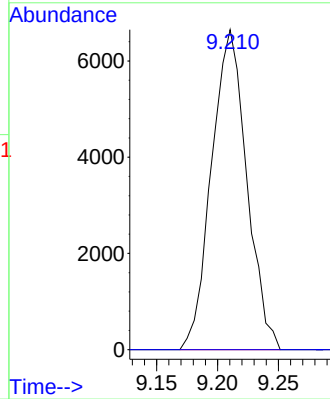
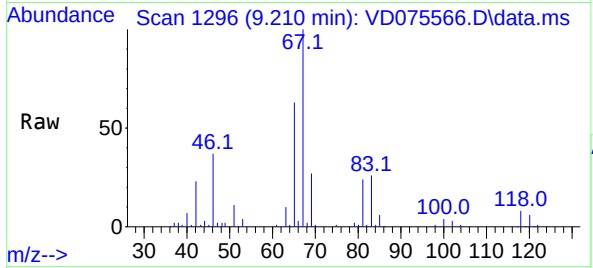




#37
1,2-Dichloropropane
Concen: 3.427 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075566.D
Acq: 03 Apr 2023 14:50

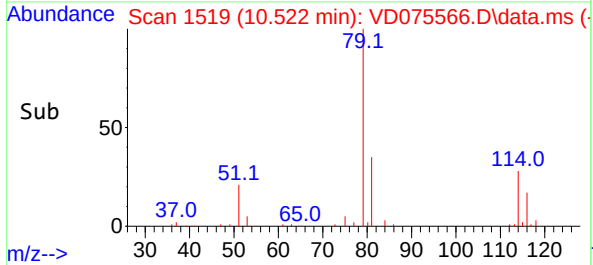
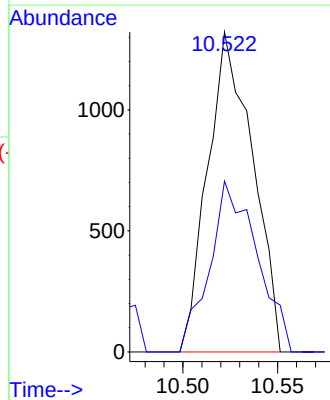
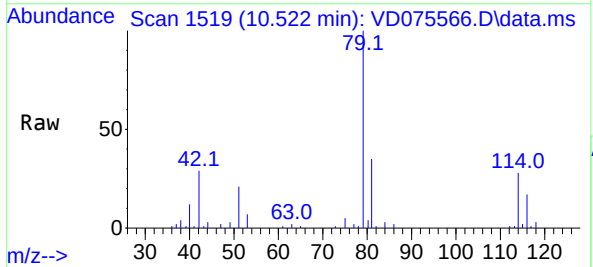
Instrument :
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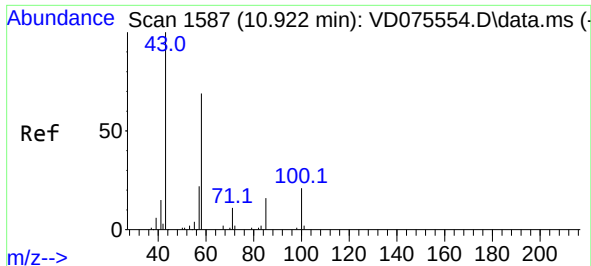
Tgt Ion: 63 Resp: 13393
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#



#44
trans-1,3-Dichloropropene
Concen: 0.414 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.035 min
Lab File: VD075566.D
Acq: 03 Apr 2023 14:50

Tgt Ion: 75 Resp: 2182
Ion Ratio Lower Upper
75 100
77 53.4 22.1 41.1#





#48

2-Hexanone

Concen: 2.855 ug/L

RT: 10.881 min Scan# 11

Delta R.T. -0.041 min

Lab File: VD075566.D

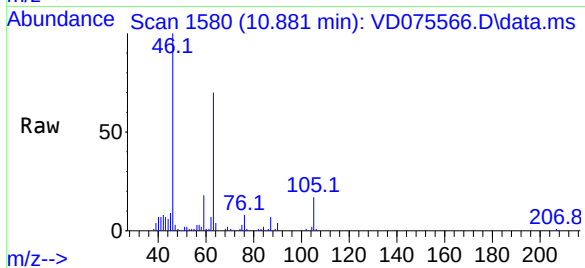
Acq: 03 Apr 2023 14:50

Instrument :

MSVOA_D

ClientSampleId :

VHBLK002



Tgt Ion: 43 Resp: 2819

Ion Ratio Lower Upper

43 100

58 31.1 55.8 83.6#

57 45.3 18.6 27.8#

100 0.0 16.4 24.6#

