

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075918.D
 Acq On : 29 Apr 2023 15:51
 Operator : KP/SY
 Sample : 02525-08RE
 Misc : 5.01G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCK5RE

Quant Time: May 01 00:16:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 01 00:14:49 2023
 Response via : Initial Calibration

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

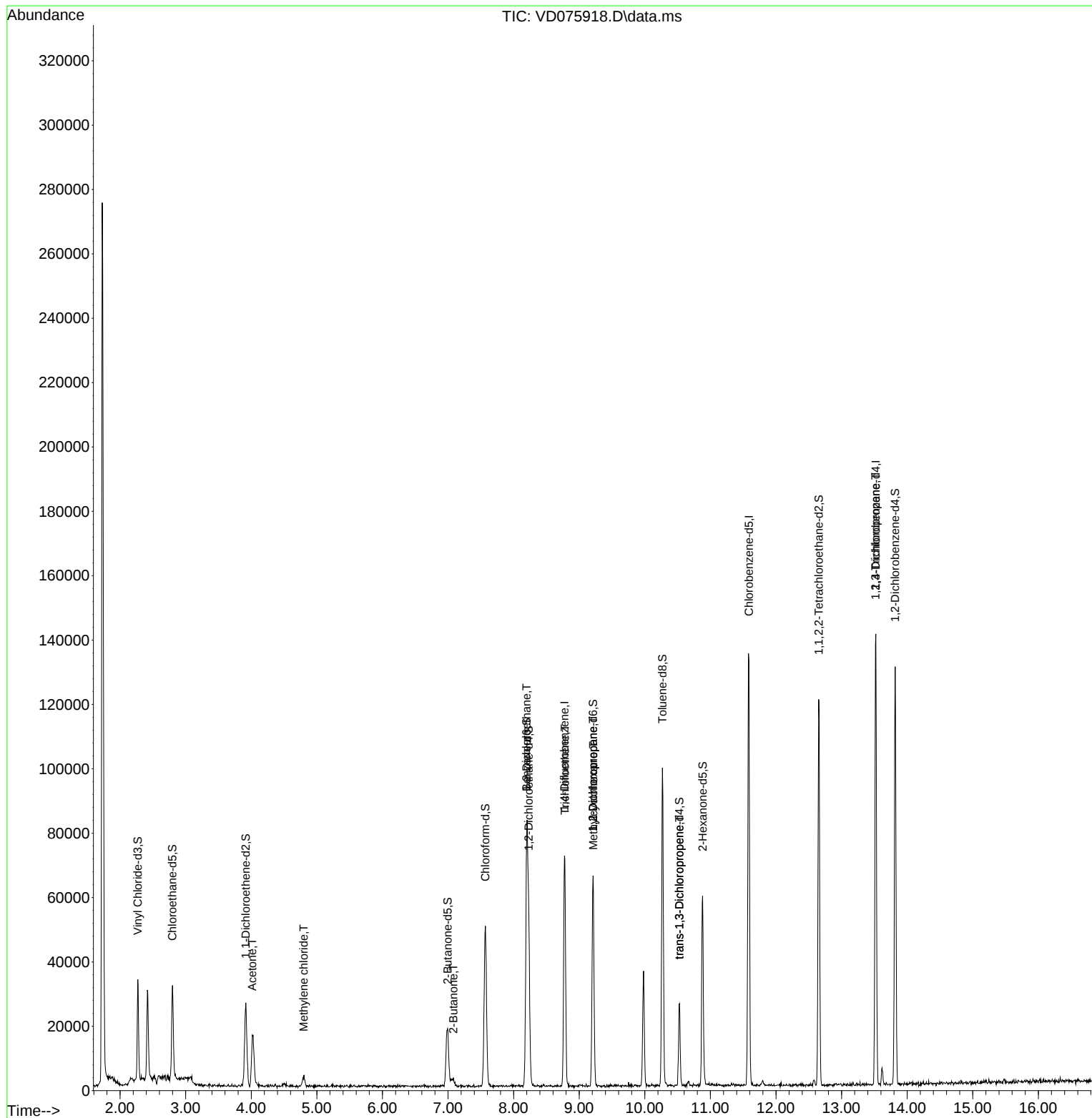
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	74250	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	90437	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	43509	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	29170	17.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.640%
7) Chloroethane-d5	2.799	69	30178	21.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.760%
11) 1,1-Dichloroethene-d2	3.917	65	6823	18.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.680%
21) 2-Butanone-d5	6.993	46	31275	221.174	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	442.340%#
24) Chloroform-d	7.569	84	56487	30.423	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.680%
26) 1,2-Dichloroethane-d4	8.228	65	33509	42.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	169.040%#
32) Benzene-d6	8.199	84	92242	17.500	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.000%
36) 1,2-Dichloropropane-d6	9.210	67	34734	23.807	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.240%
41) Toluene-d8	10.269	98	75907	15.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.520%
43) trans-1,3-Dichloroprop...	10.528	79	15417	25.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.240%
47) 2-Hexanone-d5	10.881	63	22686	129.139	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	258.280%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	64588	57.852	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	231.400%#
66) 1,2-Dichlorobenzene-d4	13.816	152	38850	25.244	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.960%
Target Compounds					Qvalue	
13) Acetone	4.017	43	25925	214.239	ug/L	98
16) Methylene chloride	4.799	84	1474	0.979	ug/L #	77
22) 2-Butanone	7.081	43	1069	6.776	ug/L	89
27) 1,2-Dichloroethane	8.199	62	295	0.318	ug/L #	68
34) Trichloroethene	8.781	95	1715	1.212	ug/L #	2
35) Methylcyclohexane	9.216	83	8406	3.854	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	3535	2.813	ug/L #	85
44) trans-1,3-Dichloropropene	10.528	75	665	0.414	ug/L #	43
61) 1,2,3-Trichloropropane	13.516	75	4188	6.127	ug/L #	59

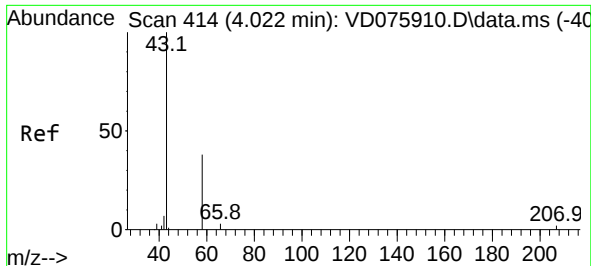
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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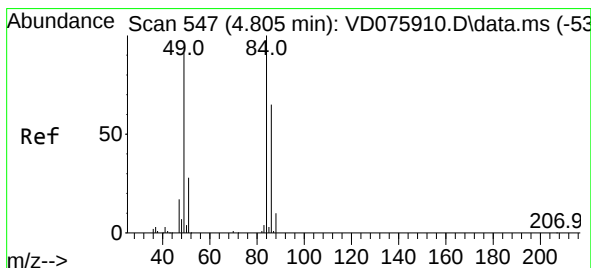
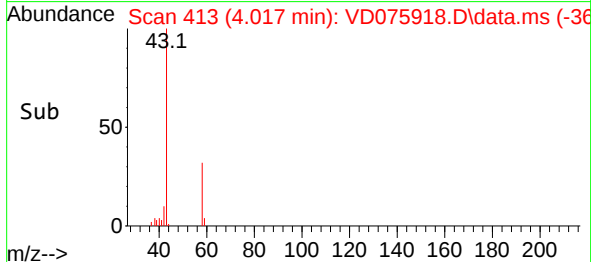
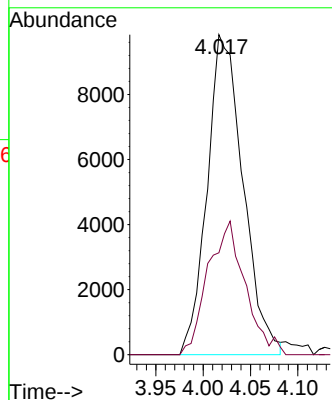
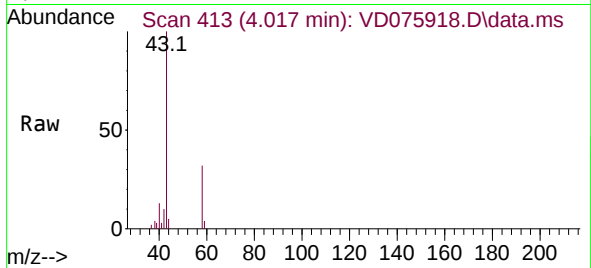




#13
Acetone
Concen: 214.239 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075918.D
Acq: 29 Apr 2023 15:51

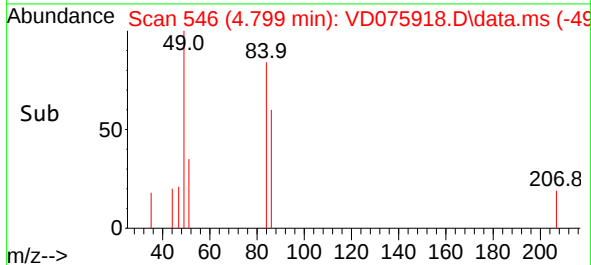
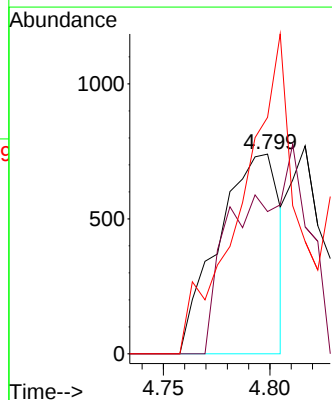
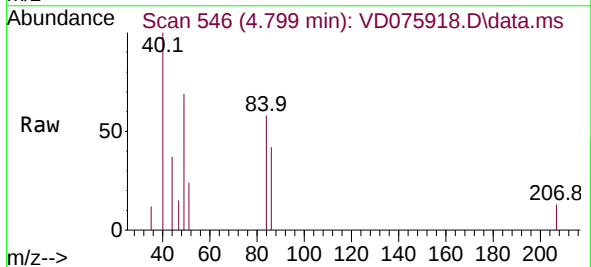
Instrument :
MSVOA_D
ClientSampleId :
DCCK5RE

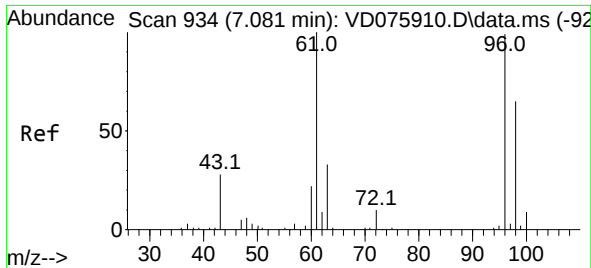
Tgt Ion: 43 Resp: 25925
Ion Ratio Lower Upper
43 100
58 42.2 0.0 87.4



#16
Methylene chloride
Concen: 0.979 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075918.D
Acq: 29 Apr 2023 15:51

Tgt Ion: 84 Resp: 1474
Ion Ratio Lower Upper
84 100
86 71.2 45.8 85.2
49 118.4 60.8 112.8#

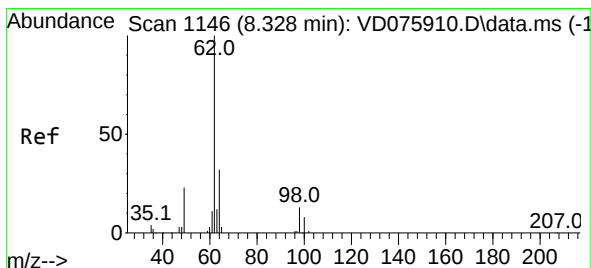
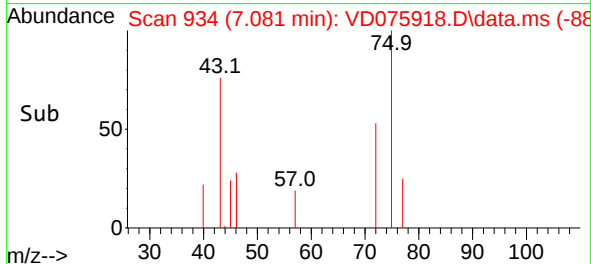
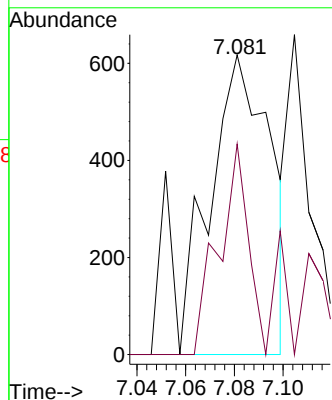
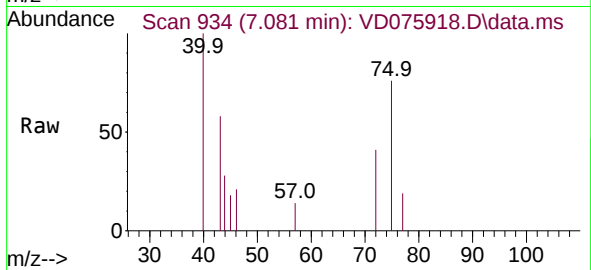




#22
2-Butanone
Concen: 6.776 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075918.D
Acq: 29 Apr 2023 15:51

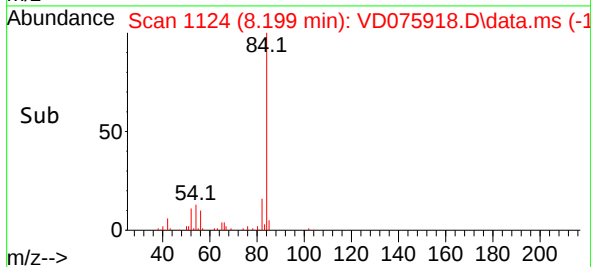
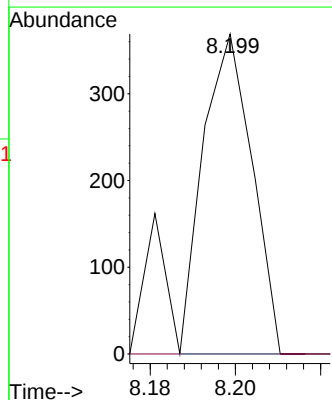
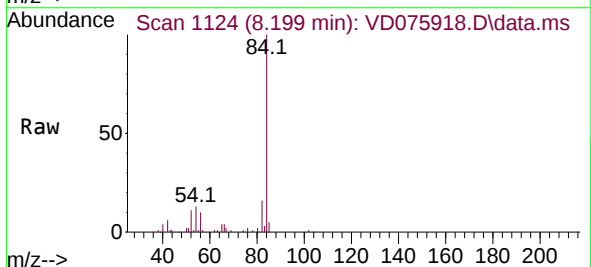
Instrument :
MSVOA_D
ClientSampleId :
DCCK5RE

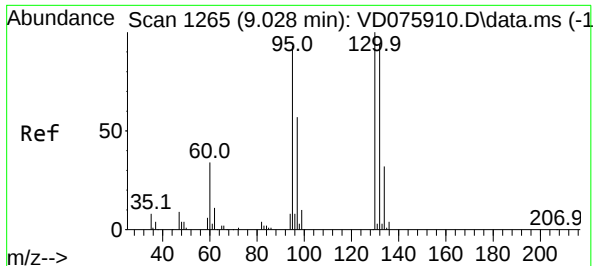
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
72 34.3 20.5 61.5



#27
1,2-Dichloroethane
Concen: 0.318 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.129 min
Lab File: VD075918.D
Acq: 29 Apr 2023 15:51

Tgt Ion: 62 Resp: 295
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#

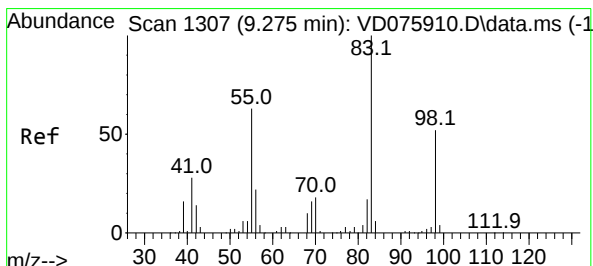
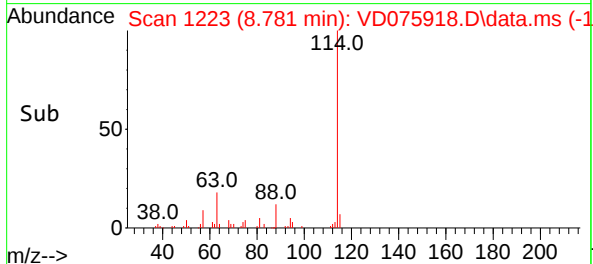
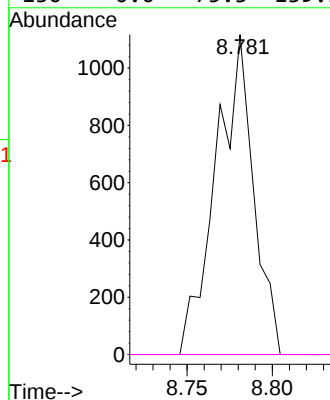
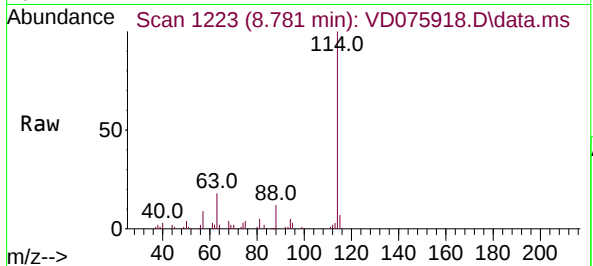




#34
Trichloroethene
Concen: 1.212 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD075918.D
Acq: 29 Apr 2023 15:51

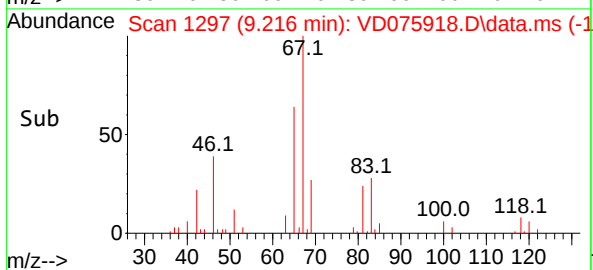
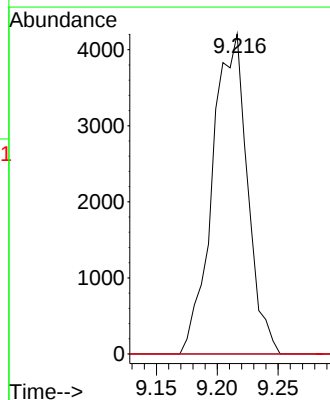
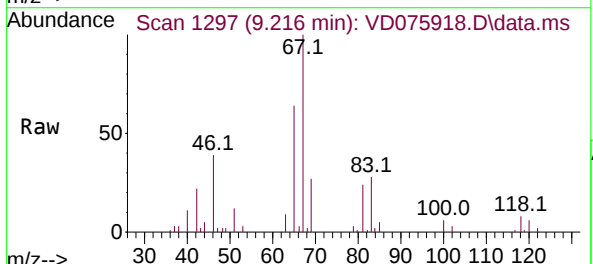
Instrument :
MSVOA_D
ClientSampleId :
DCCK5RE

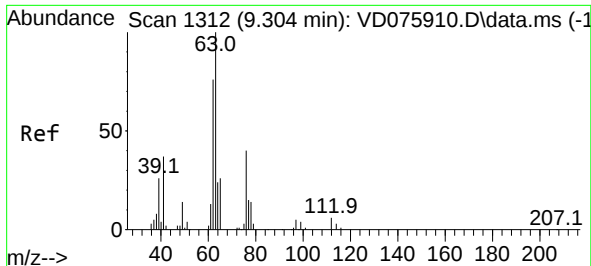
Tgt Ion:	95	Resp:	1715
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
Methylcyclohexane
Concen: 3.854 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.059 min
Lab File: VD075918.D
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Tgt Ion:	83	Resp:	8406
Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.0	40.8	61.2#





#37

1,2-Dichloropropane

Concen: 2.813 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD075918.D

Acq: 29 Apr 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

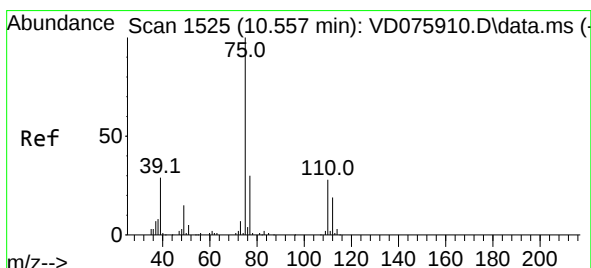
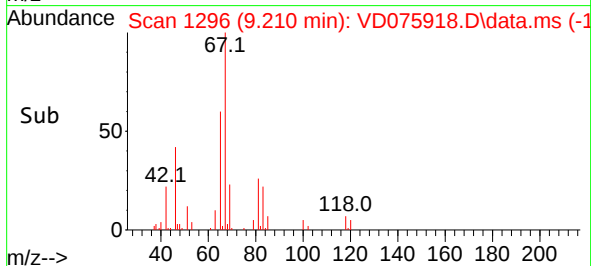
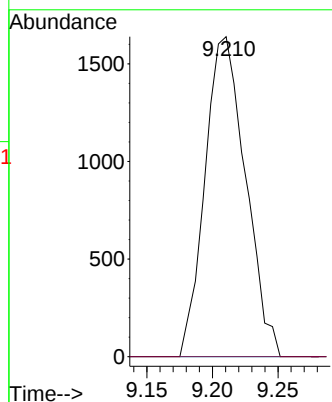
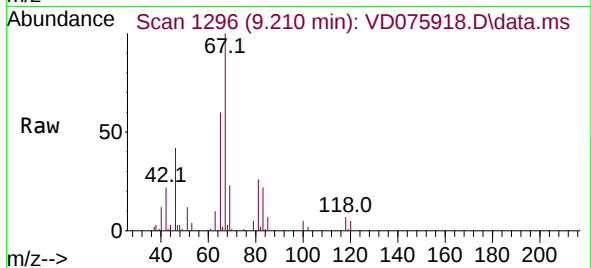
DCCK5RE

Tgt Ion: 63 Resp: 3535

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.414 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.029 min

Lab File: VD075918.D

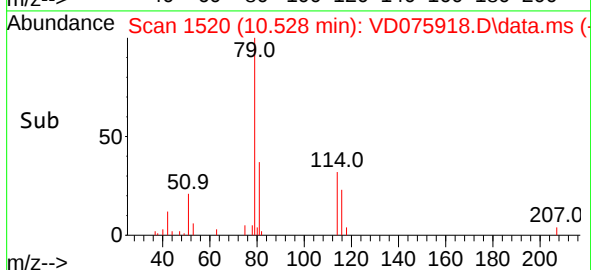
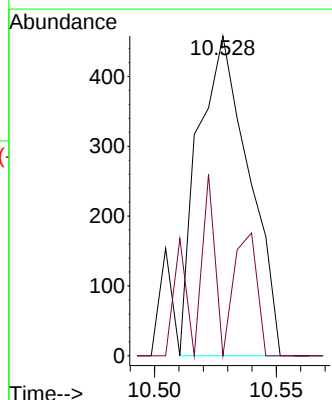
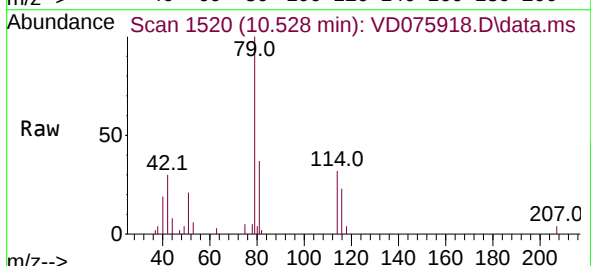
Acq: 29 Apr 2023 15:51

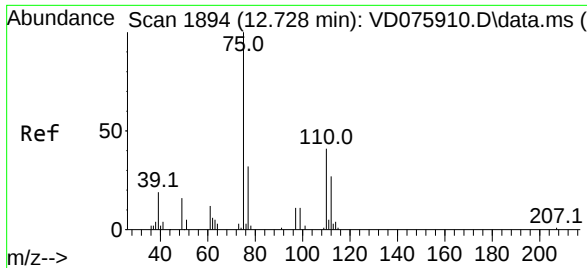
Tgt Ion: 75 Resp: 665

Ion Ratio Lower Upper

75 100

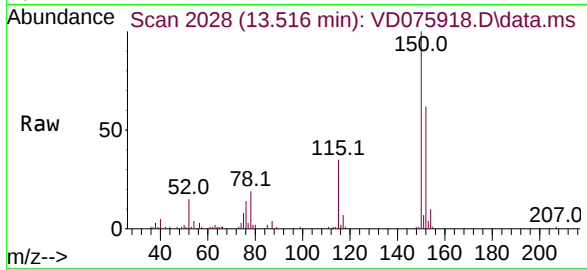
77 0.0 22.0 41.0#





#61
 1,2,3-Trichloropropane
 Concen: 6.127 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD075918.D
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Tgt Ion: 75 Resp: 4188
 Ion Ratio Lower Upper
 75 100
 77 38.8 26.6 39.8
 110 0.0 33.5 50.3#

