

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075870.D
 Acq On : 27 Apr 2023 19:35
 Operator : KP/SY
 Sample : 02525-03
 Misc : 3.67G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCC3

Quant Time: Apr 28 02:59:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

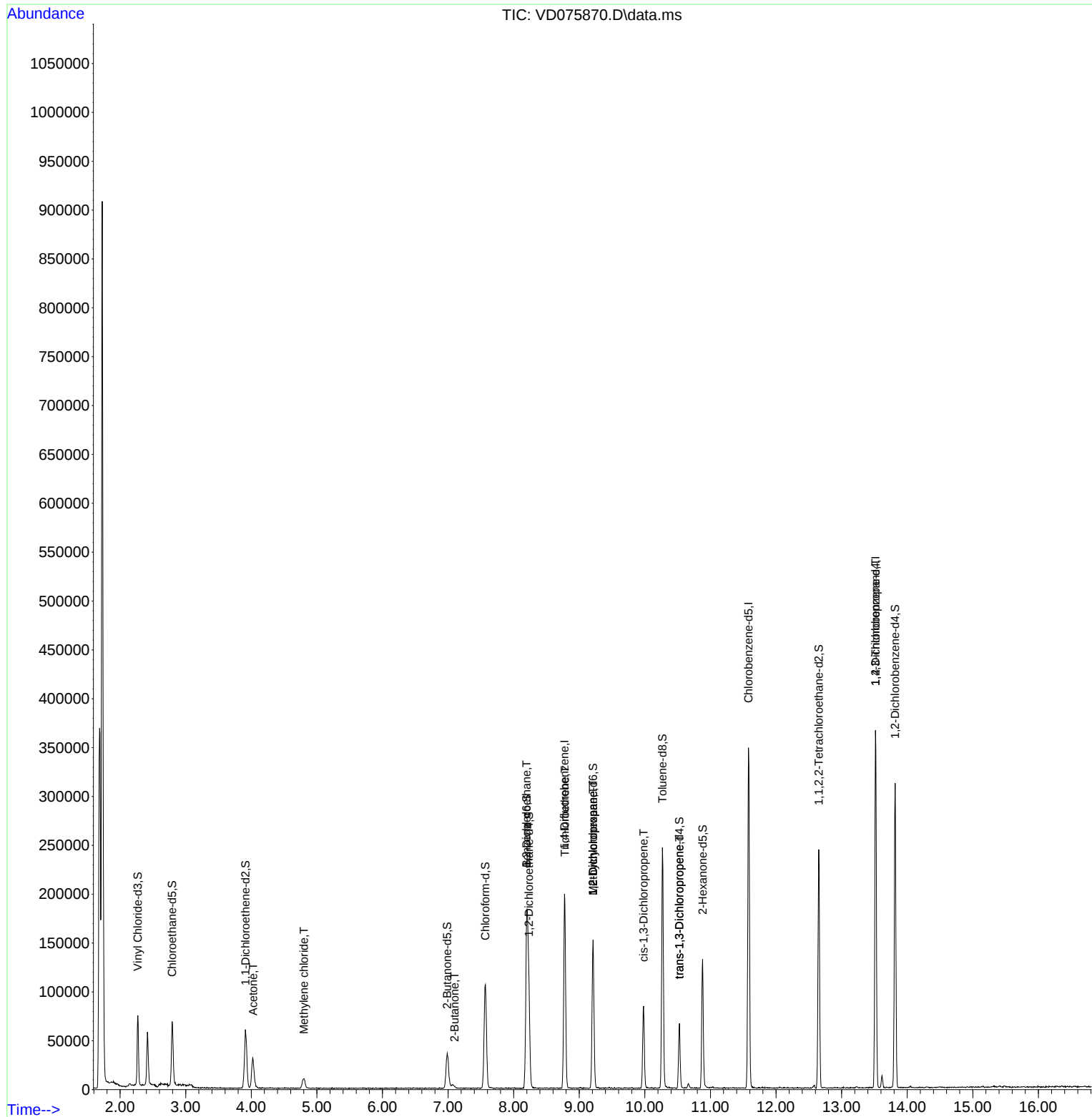
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	195148	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	229723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107343	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	67593	15.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.160%
7) Chloroethane-d5	2.793	69	71332	19.285	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.120%
11) 1,1-Dichloroethene-d2	3.910	65	12271	12.433	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.720%
21) 2-Butanone-d5	6.987	46	60283	162.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	324.400%#
24) Chloroform-d	7.569	84	119680	24.525	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.080%
26) 1,2-Dichloroethane-d4	8.234	65	73336	35.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	140.760%#
32) Benzene-d6	8.198	84	212368	15.861	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.440%
36) 1,2-Dichloropropane-d6	9.210	67	77707	20.968	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.880%
41) Toluene-d8	10.269	98	183265	14.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.480%
43) trans-1,3-Dichloroprop...	10.528	79	38783	25.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.280%
47) 2-Hexanone-d5	10.881	63	46181	103.492	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	206.980%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	128280	45.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	180.920%#
66) 1,2-Dichlorobenzene-d4	13.816	152	91242	24.031	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.120%
Target Compounds						Qvalue
13) Acetone	4.028	43	49804	156.594	ug/L	94
16) Methylene chloride	4.805	84	5316	1.343	ug/L	96
22) 2-Butanone	7.099	43	1309	3.157	ug/L	72
27) 1,2-Dichloroethane	8.198	62	951	0.390	ug/L #	68
34) Trichloroethene	8.781	95	4912	1.367	ug/L #	2
35) Methylcyclohexane	9.210	83	19761	3.567	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	7679	2.406	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2433	0.479	ug/L	96
44) trans-1,3-Dichloropropene	10.528	75	1647	0.404	ug/L	95
61) 1,2,3-Trichloropropane	13.516	75	13182	7.817	ug/L #	59

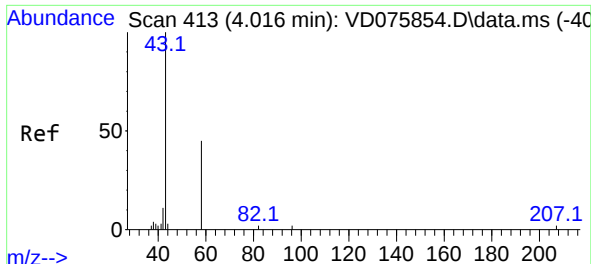
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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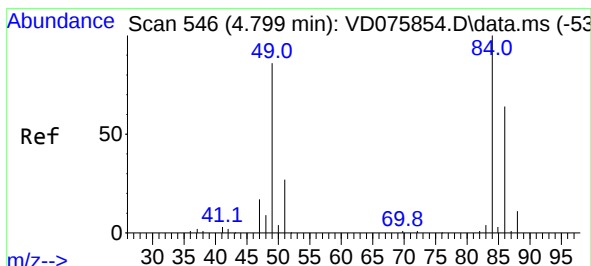
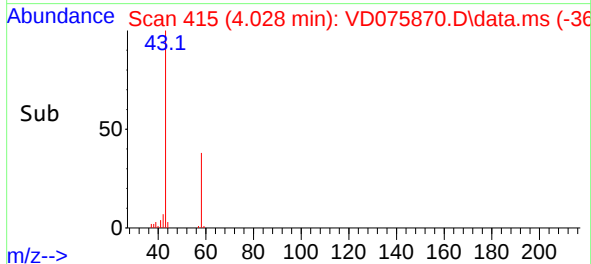
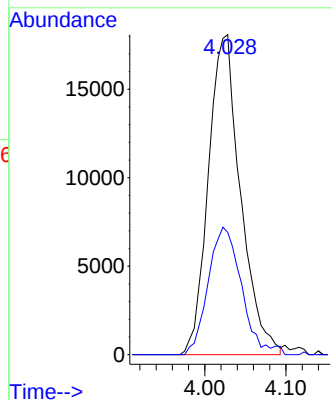
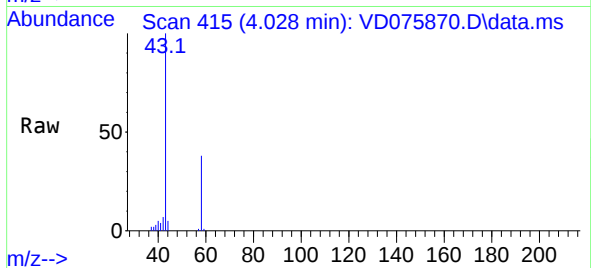




#13
Acetone
Concen: 156.594 ug/L
RT: 4.028 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

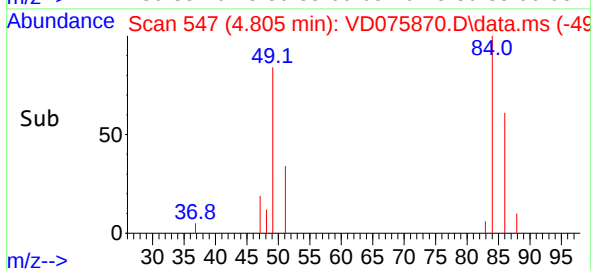
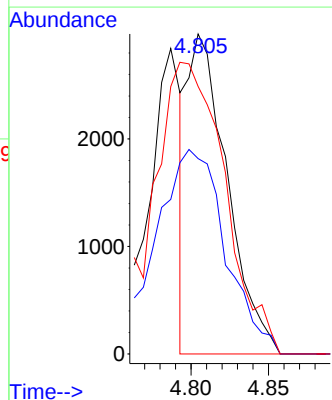
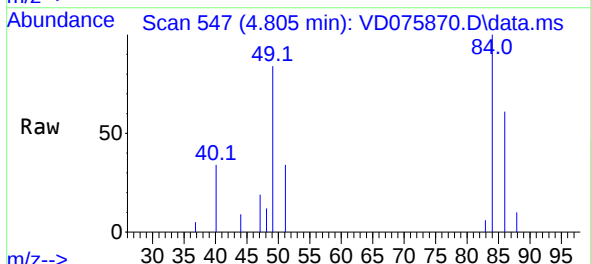
Instrument :
MSVOA_D
ClientSampleId :
DCCC3

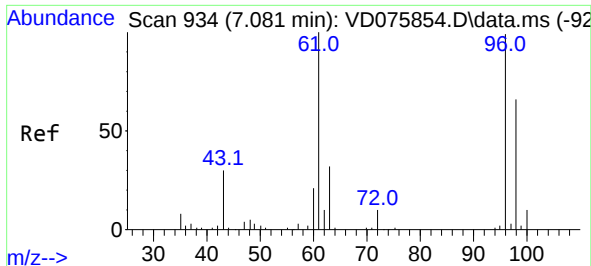
Tgt Ion: 43 Resp: 49804
Ion Ratio Lower Upper
43 100
58 39.9 0.0 87.4



#16
Methylene chloride
Concen: 1.343 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

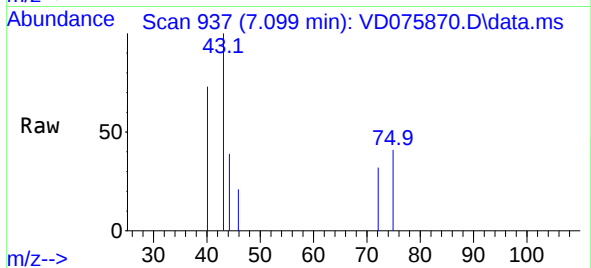
Tgt Ion: 84 Resp: 5316
Ion Ratio Lower Upper
84 100
86 61.1 45.8 85.2
49 83.6 60.8 112.8



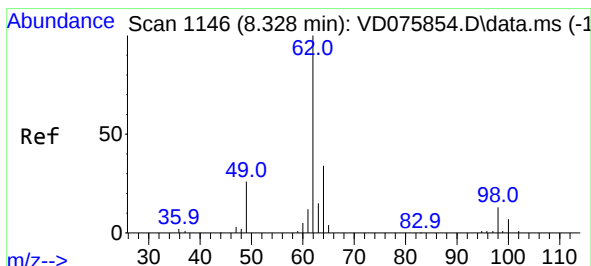
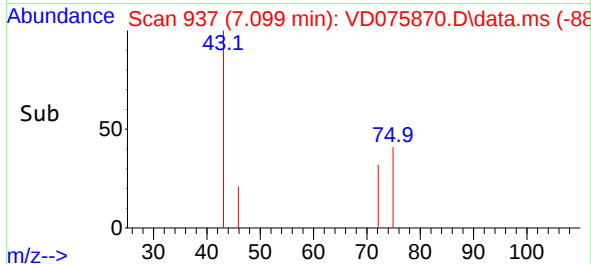
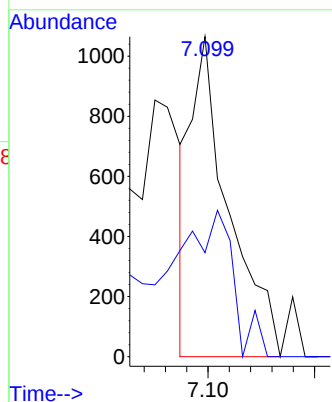


#22
2-Butanone
Concen: 3.157 ug/L
RT: 7.099 min Scan# 91
Delta R.T. 0.011 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

Instrument :
MSVOA_D
ClientSampleId :
DCCC3

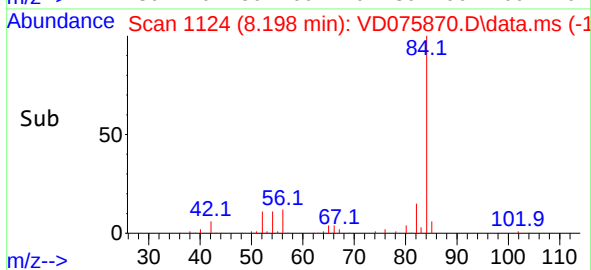
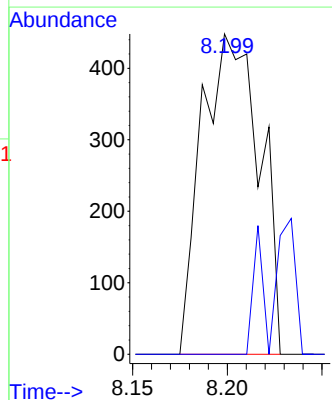
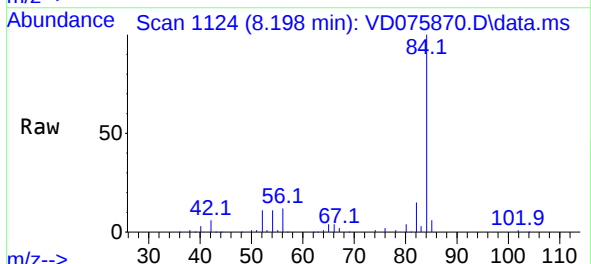


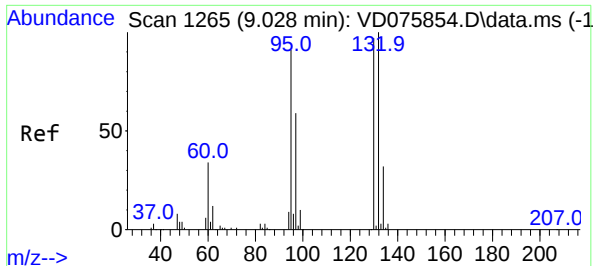
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
72 23.5 20.5 61.5



#27
1,2-Dichloroethane
Concen: 0.390 ug/L
RT: 8.198 min Scan# 1124
Delta R.T. -0.130 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

Tgt Ion: 62 Resp: 951
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#

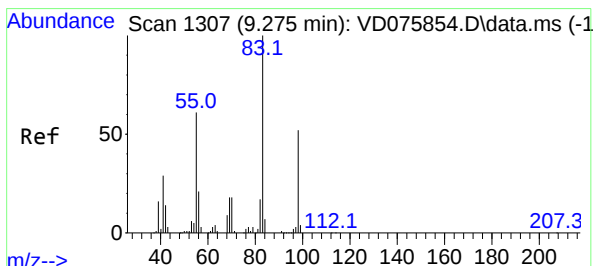
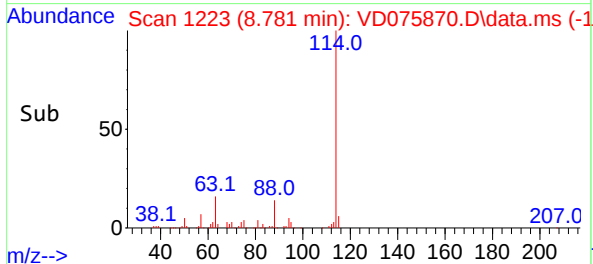
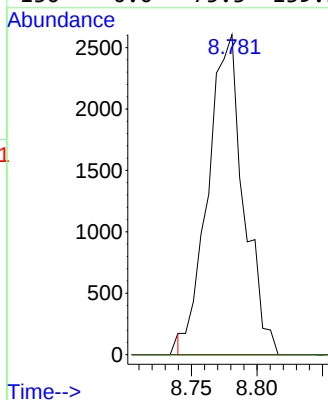
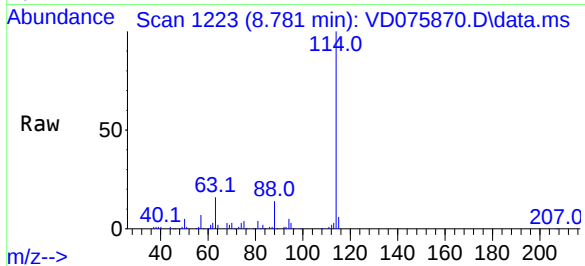




#34
Trichloroethene
Concen: 1.367 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

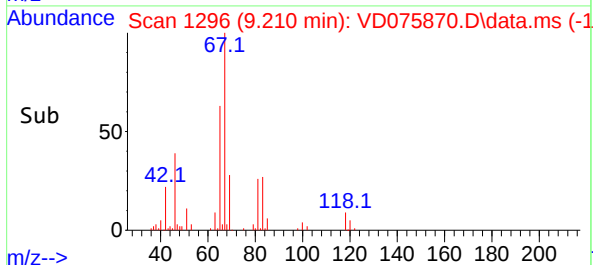
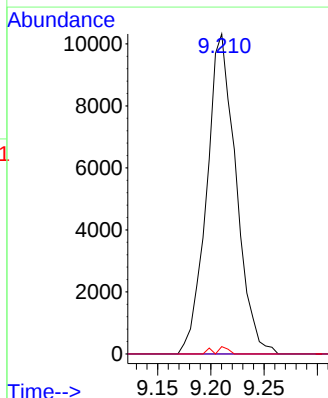
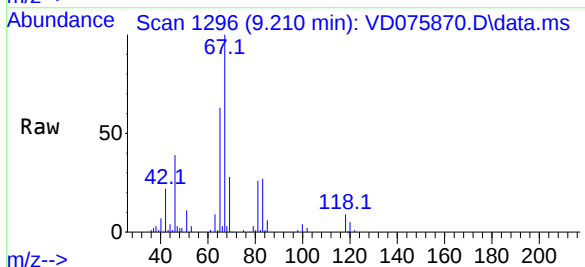
Instrument :
MSVOA_D
ClientSampleId :
DCCC3

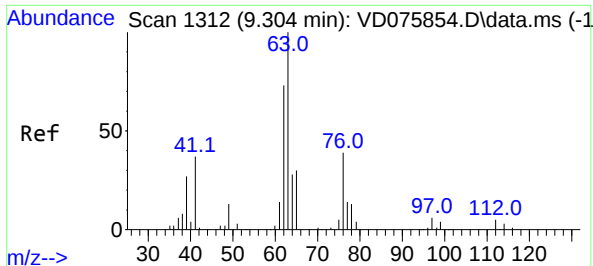
Tgt Ion:	95	Resp:	4912
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
Methylcyclohexane
Concen: 3.567 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

Tgt Ion:	83	Resp:	19761
Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.7	40.8	61.2#

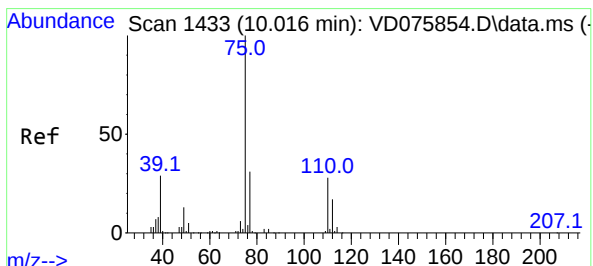
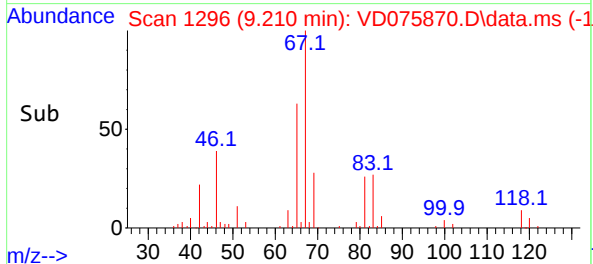
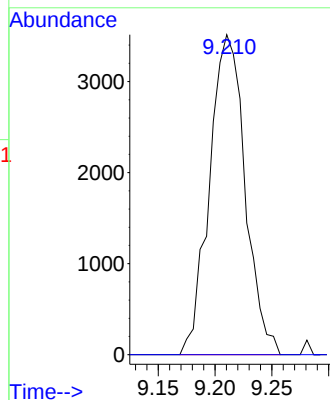
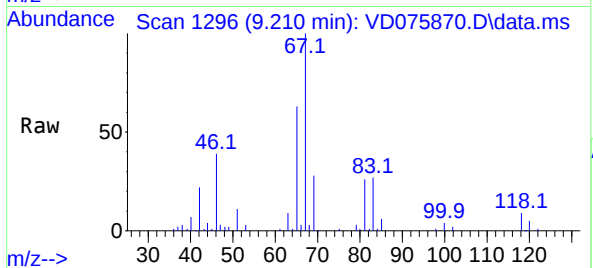




#37
1,2-Dichloropropane
Concen: 2.406 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

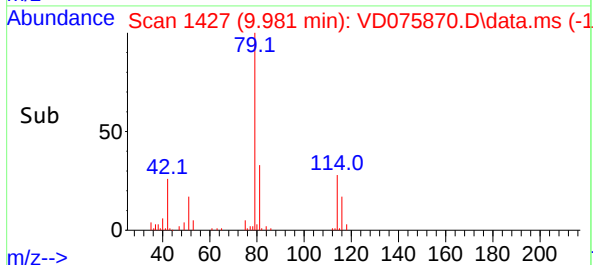
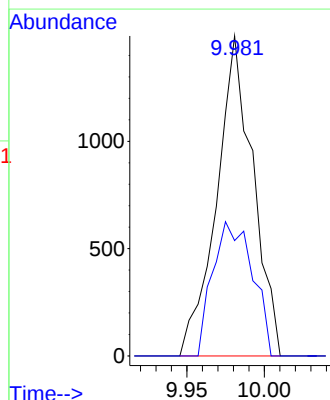
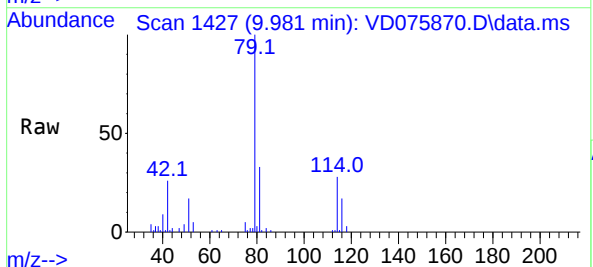
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MSVOA_D
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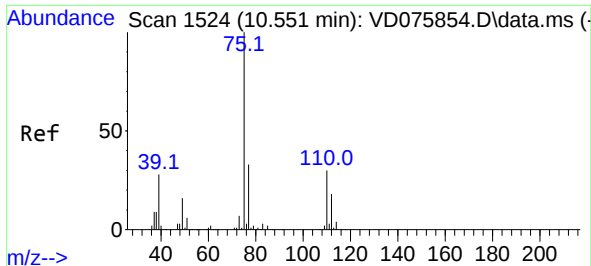
Tgt Ion: 63 Resp: 7679
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.479 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.036 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

Tgt Ion: 75 Resp: 2433
Ion Ratio Lower Upper
75 100
77 36.0 23.4 43.6

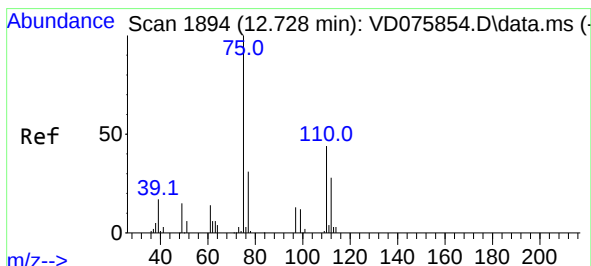
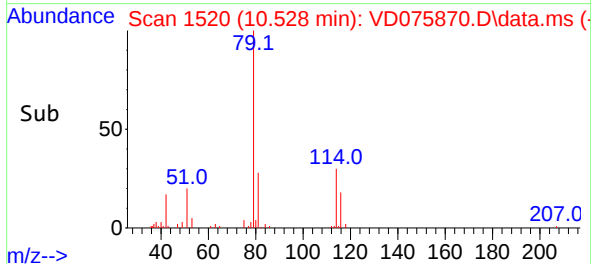
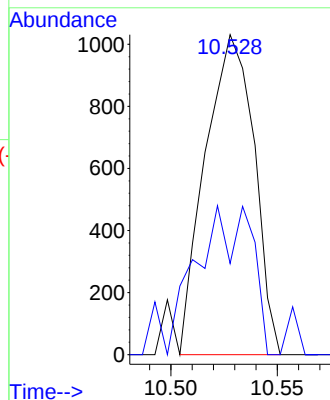
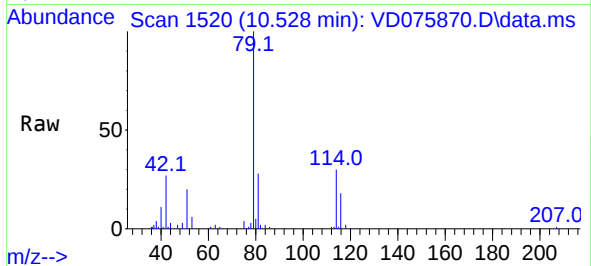




#44
trans-1,3-Dichloropropene
Concen: 0.404 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

Instrument :
MSVOA_D
ClientSampleId :
DCCC3

Tgt Ion: 75 Resp: 1647
Ion Ratio Lower Upper
75 100
77 28.5 22.0 41.0



#61
1,2,3-Trichloropropane
Concen: 7.817 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD075870.D
Acq: 27 Apr 2023 19:35

Tgt Ion: 75 Resp: 13182
Ion Ratio Lower Upper
75 100
77 27.2 26.6 39.8
110 0.6 33.5 50.3#

