

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075582.D
 Acq On : 05 Apr 2023 17:10
 Operator : KP/SY
 Sample : 02193-01
 Misc : 5.14G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C11C4

Quant Time: Apr 05 23:38:41 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)

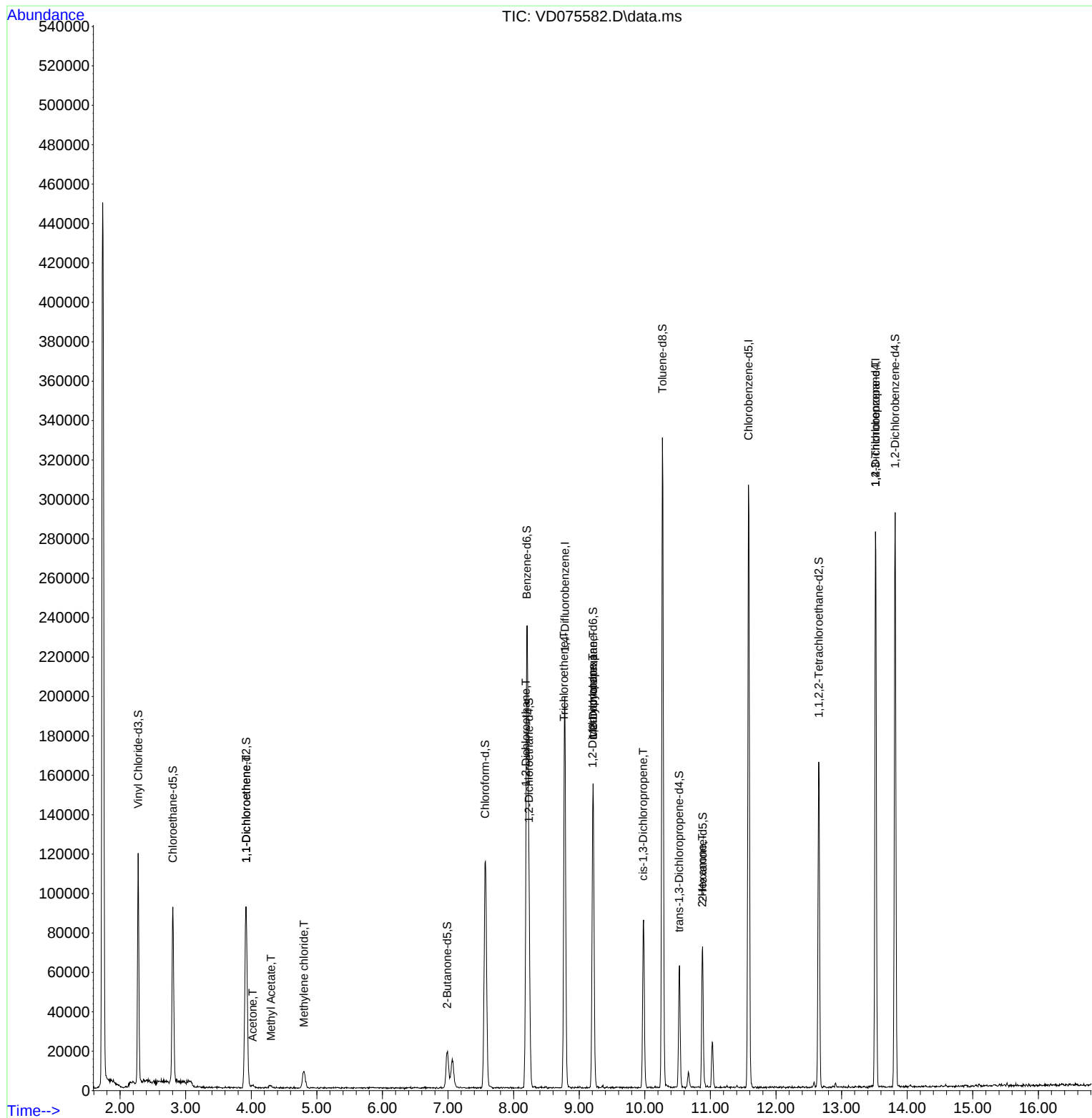
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	202832	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	200005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	86967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	106601	22.573	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.280%			
7) Chloroethane-d5	2.805	69	94633	22.519	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.080%			
11) 1,1-Dichloroethene-d2	3.922	63	77571	20.364	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.440%			
21) 2-Butanone-d5	6.987	46	32597	105.993	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 211.980%#			
24) Chloroform-d	7.563	84	133700	27.959	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.840%			
26) 1,2-Dichloroethane-d4	8.234	65	69403	32.750	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 131.000%#			
32) Benzene-d6	8.199	84	273334	23.376	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.520%			
36) 1,2-Dichloropropane-d6	9.210	67	81510	26.157	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.640%			
41) Toluene-d8	10.269	98	247473	22.571	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.280%			
43) trans-1,3-Dichloroprop...	10.522	79	37362	28.762	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 115.040%			
47) 2-Hexanone-d5	10.881	63	25704	69.706	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.420%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86204	36.927	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 147.720%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	87119	29.203	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.922	96	530	0.274	ug/L #	1
13) Acetone	4.022	43	2553	7.915	ug/L	77
15) Methyl Acetate	4.299	43	180	0.333	ug/L #	39
16) Methylene chloride	4.805	84	8487	3.044	ug/L	98
27) 1,2-Dichloroethane	8.187	62	753	0.345	ug/L #	67
34) Trichloroethene	8.769	95	3317	1.150	ug/L #	3
35) Methylcyclohexane	9.210	83	21658	5.743	ug/L #	25
37) 1,2-Dichloropropane	9.205	63	8519	3.518	ug/L #	82
39) cis-1,3-Dichloropropene	9.975	75	2325	0.606	ug/L	89
48) 2-Hexanone	10.875	43	2718	4.444	ug/L #	60
61) 1,2,3-Trichloropropane	13.516	75	9255	6.724	ug/L #	49

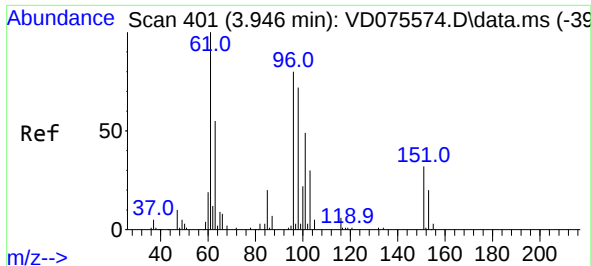
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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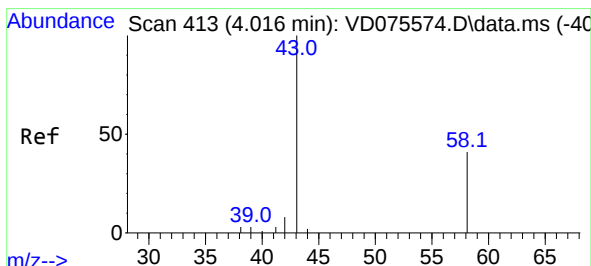
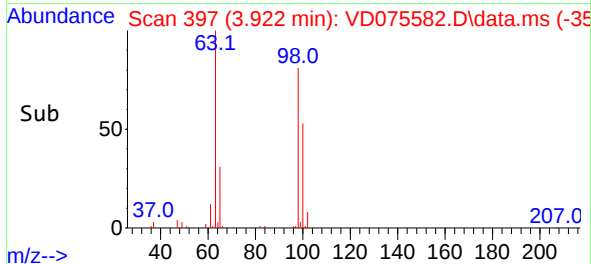
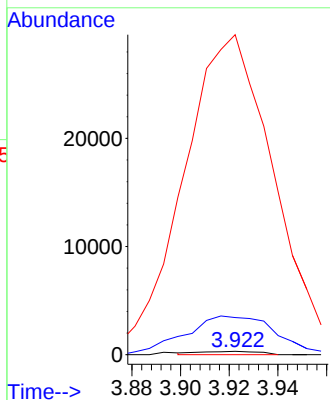
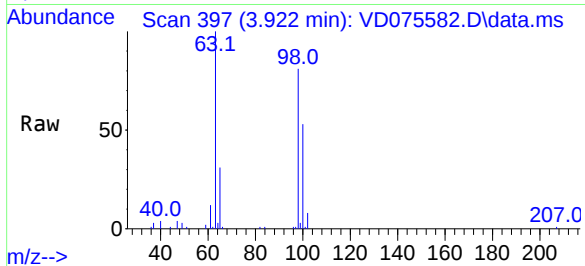




#12
1,1-Dichloroethene
Concen: 0.274 ug/L
RT: 3.922 min Scan# 397
Delta R.T. -0.023 min
Lab File: VD075582.D
Acq: 05 Apr 2023 17:10

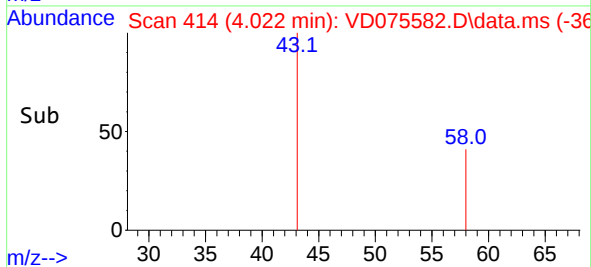
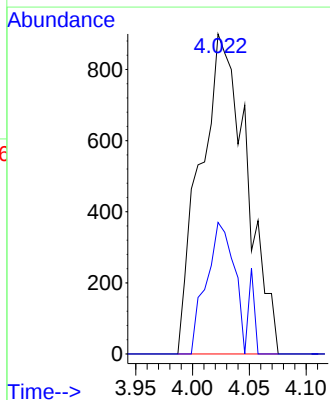
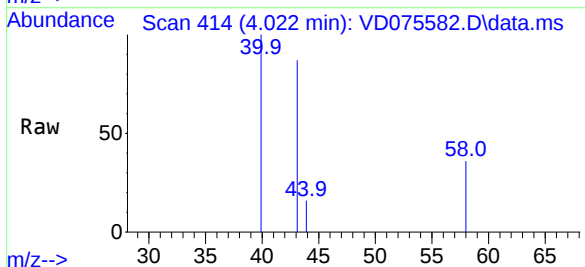
Instrument :
MSVOA_D
ClientSampleId :
C11C4

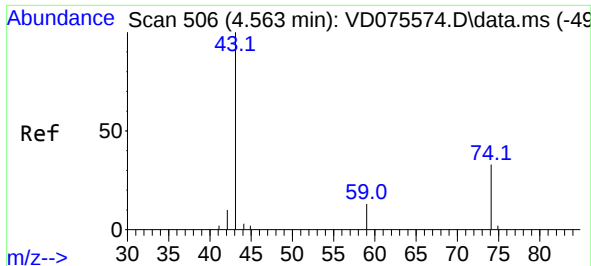
Tgt Ion: 96 Resp: 530
Ion Ratio Lower Upper
96 100
61 1114.6 96.7 179.7#
63 9607.8 76.0 141.2#



#13
Acetone
Concen: 7.915 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD075582.D
Acq: 05 Apr 2023 17:10

Tgt Ion: 43 Resp: 2553
Ion Ratio Lower Upper
43 100
58 24.7 0.0 77.4

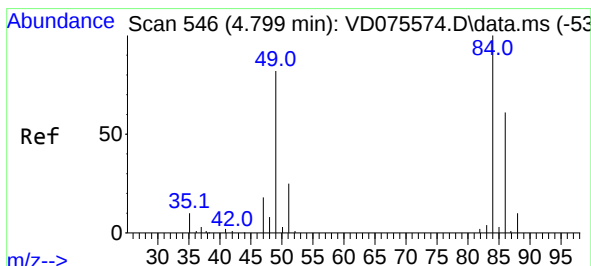
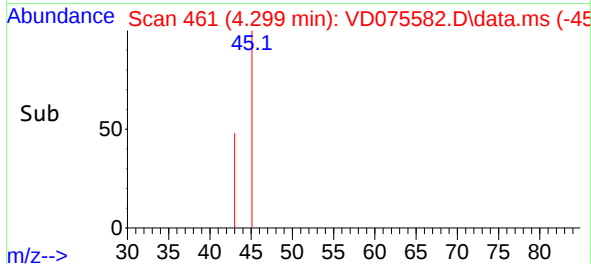
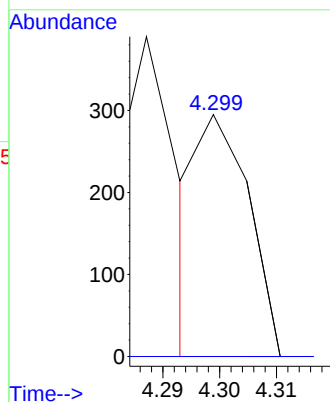
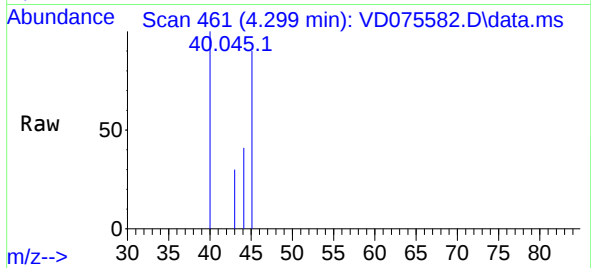




#15
Methyl Acetate
Concen: 0.333 ug/L
RT: 4.299 min Scan# 411
Delta R.T. -0.258 min
Lab File: VD075582.D
Acq: 05 Apr 2023 17:10

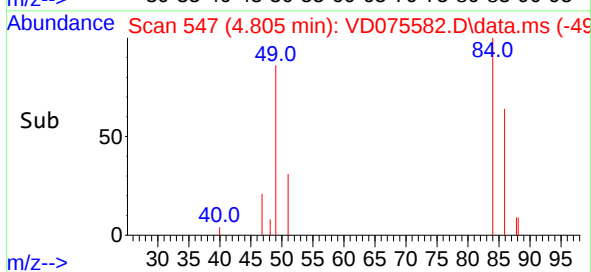
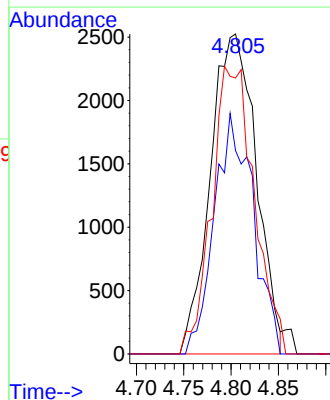
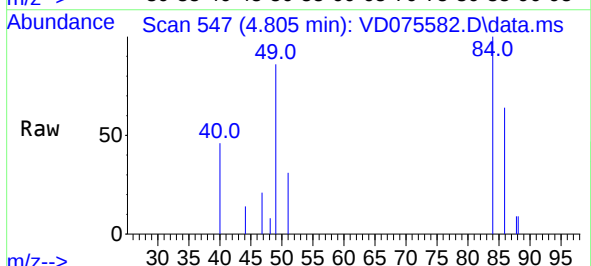
Instrument :
MSVOA_D
ClientSampleId :
C11C4

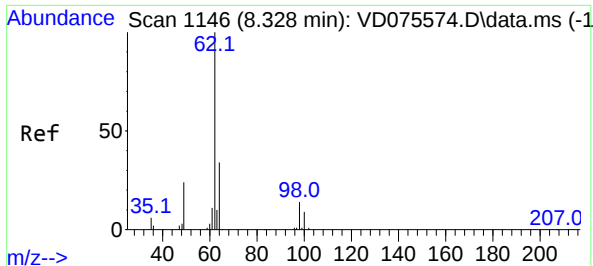
Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
74 0.0 29.0 43.4#



#16
Methylene chloride
Concen: 3.044 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075582.D
Acq: 05 Apr 2023 17:10

Tgt Ion: 84 Resp: 8487
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.4
49 86.3 58.5 108.7

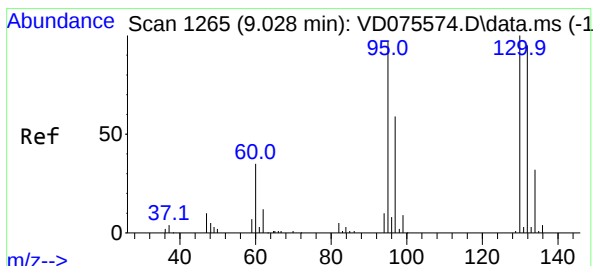
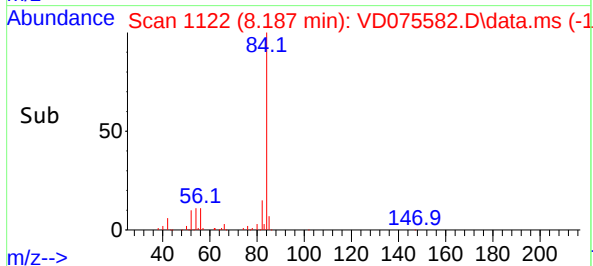
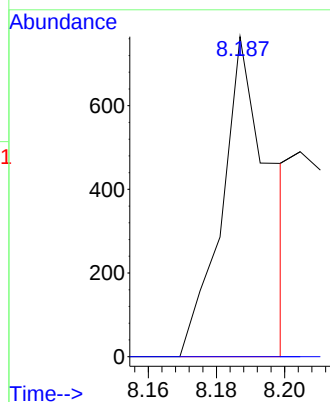
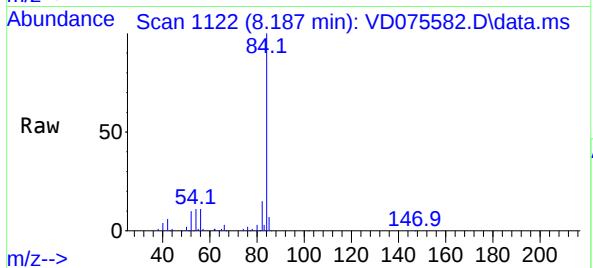




#27
1,2-Dichloroethane
Concen: 0.345 ug/L
RT: 8.187 min Scan# 1146
Delta R.T. -0.141 min
Lab File: VD075582.D
Acq: 05 Apr 2023 17:10

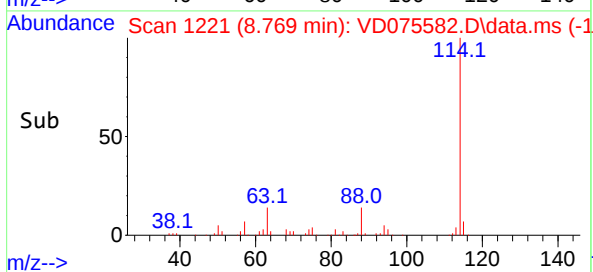
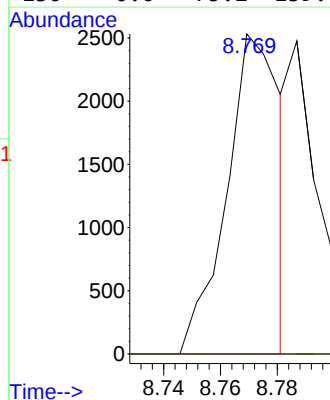
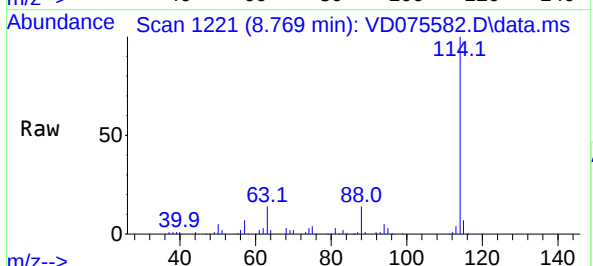
Instrument :
MSVOA_D
ClientSampleId :
C11C4

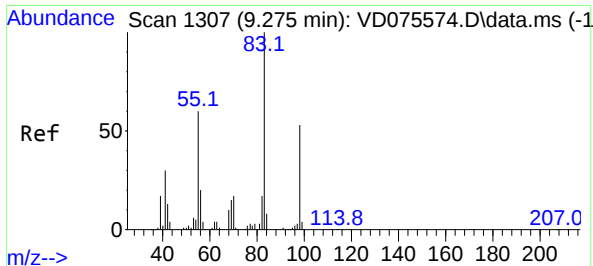
Tgt Ion: 62 Resp: 753
Ion Ratio Lower Upper
62 100
98 0.0 10.5 15.7#



#34
Trichloroethene
Concen: 1.150 ug/L
RT: 8.769 min Scan# 1221
Delta R.T. -0.258 min
Lab File: VD075582.D
Acq: 05 Apr 2023 17:10

Tgt Ion: 95 Resp: 3317
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#





#35

Methylcyclohexane

Concen: 5.743 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.064 min

Lab File: VD075582.D

Acq: 05 Apr 2023 17:10

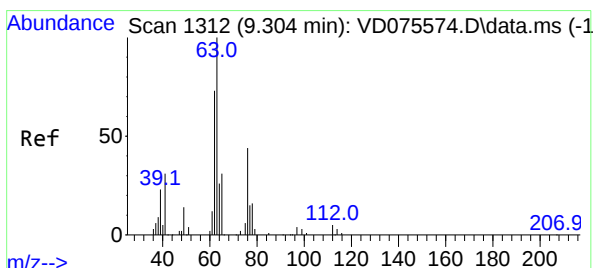
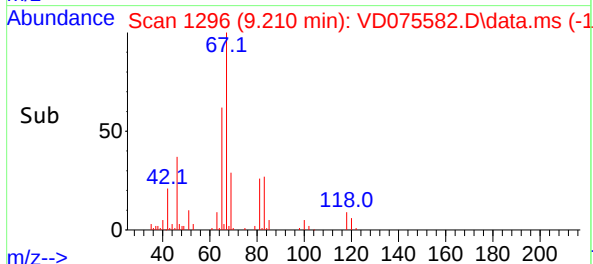
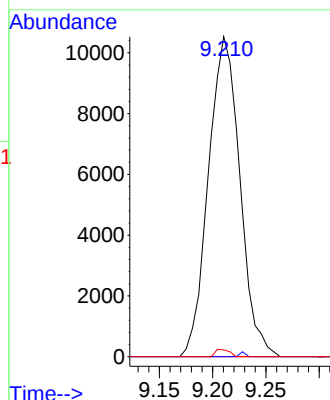
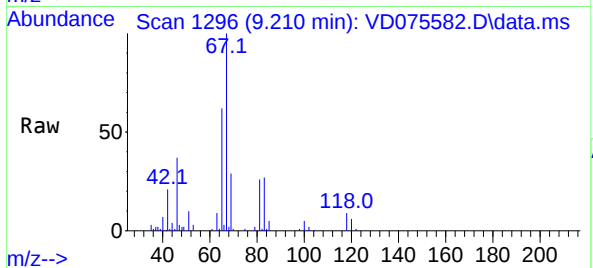
Instrument :

MSVOA_D

ClientSampleId :

C11C4

Tgt Ion:	83	Resp:	21658
Ion	Ratio	Lower	Upper
83	100		
55	0.0	46.9	70.3#
98	1.0	40.8	61.2#



#37

1,2-Dichloropropane

Concen: 3.518 ug/L

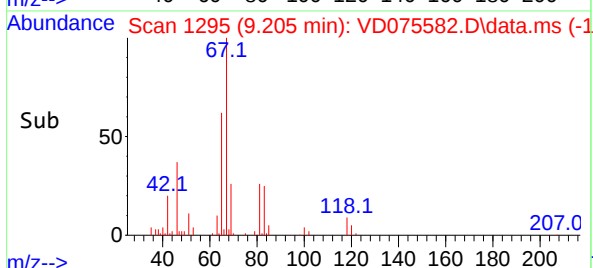
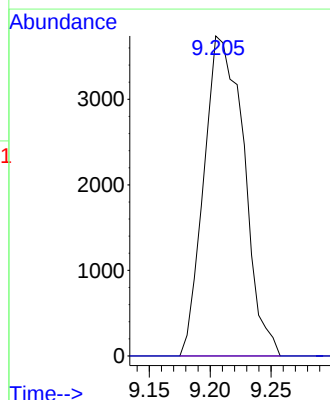
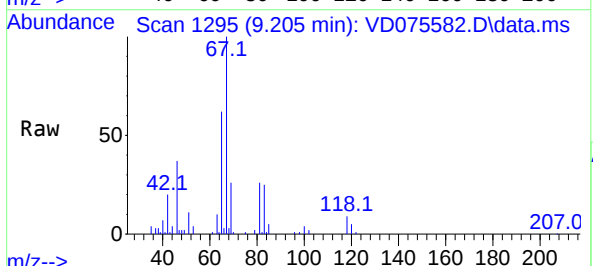
RT: 9.205 min Scan# 1295

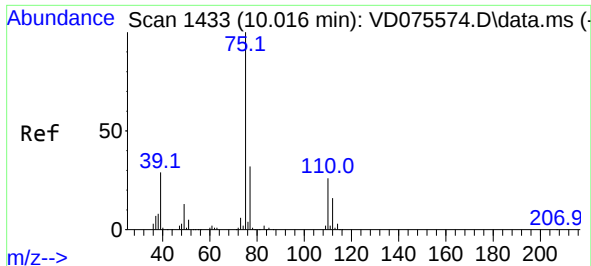
Delta R.T. -0.100 min

Lab File: VD075582.D

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Tgt Ion:	63	Resp:	8519
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#

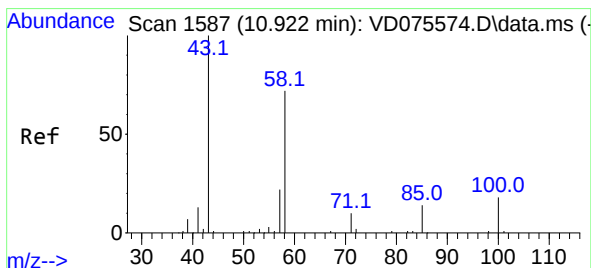
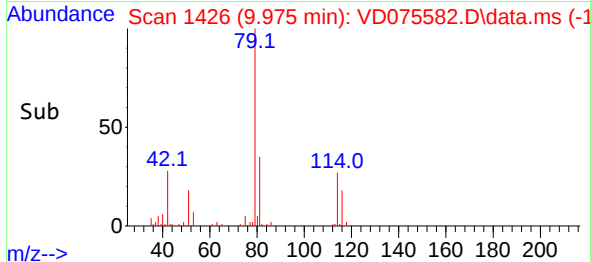
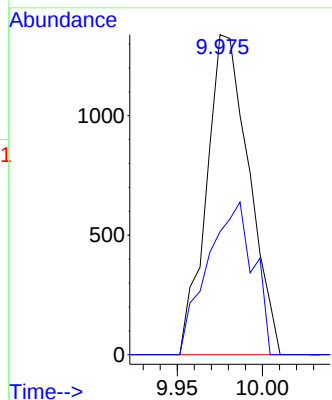
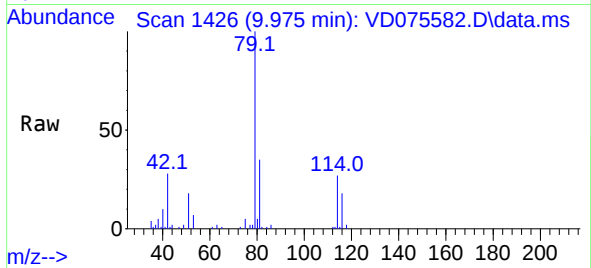




#39
cis-1,3-Dichloropropene
Concen: 0.606 ug/L
RT: 9.975 min Scan# 1433
Delta R.T. -0.041 min
Lab File: VD075582.D
Acq: 05 Apr 2023 17:10

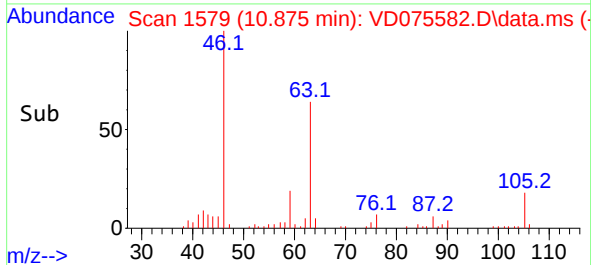
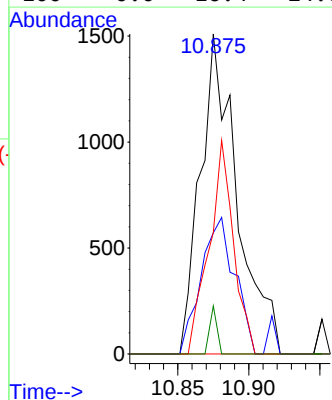
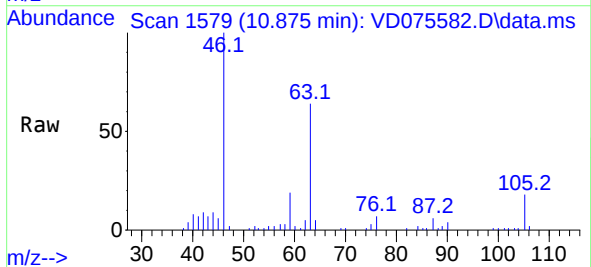
Instrument :
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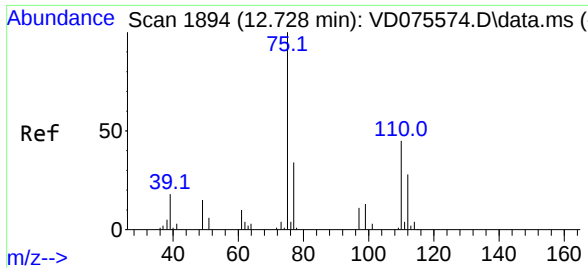
Tgt Ion: 75 Resp: 2325
Ion Ratio Lower Upper
75 100
77 38.5 22.5 41.7



#48
2-Hexanone
Concen: 4.444 ug/L
RT: 10.875 min Scan# 1579
Delta R.T. -0.047 min
Lab File: VD075582.D
Acq: 05 Apr 2023 17:10

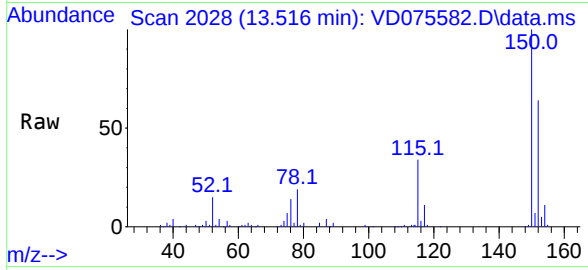
Tgt Ion: 43 Resp: 2718
Ion Ratio Lower Upper
43 100
58 39.2 55.8 83.6#
57 44.4 18.6 27.8#
100 0.0 16.4 24.6#





#61
1,2,3-Trichloropropane
Concen: 6.724 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.789 min
Lab File: VD075582.D
Acq: 05 Apr 2023 17:10

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Tgt Ion: 75 Resp: 9255

Ion	Ratio	Lower	Upper
75	100		
77	16.5	25.7	38.5#
110	0.8	35.9	53.9#

