

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076972.D
 Acq On : 10 Aug 2023 19:45
 Operator : JC/SY
 Sample : 03965-16
 Misc : 4.88G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 03:07:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

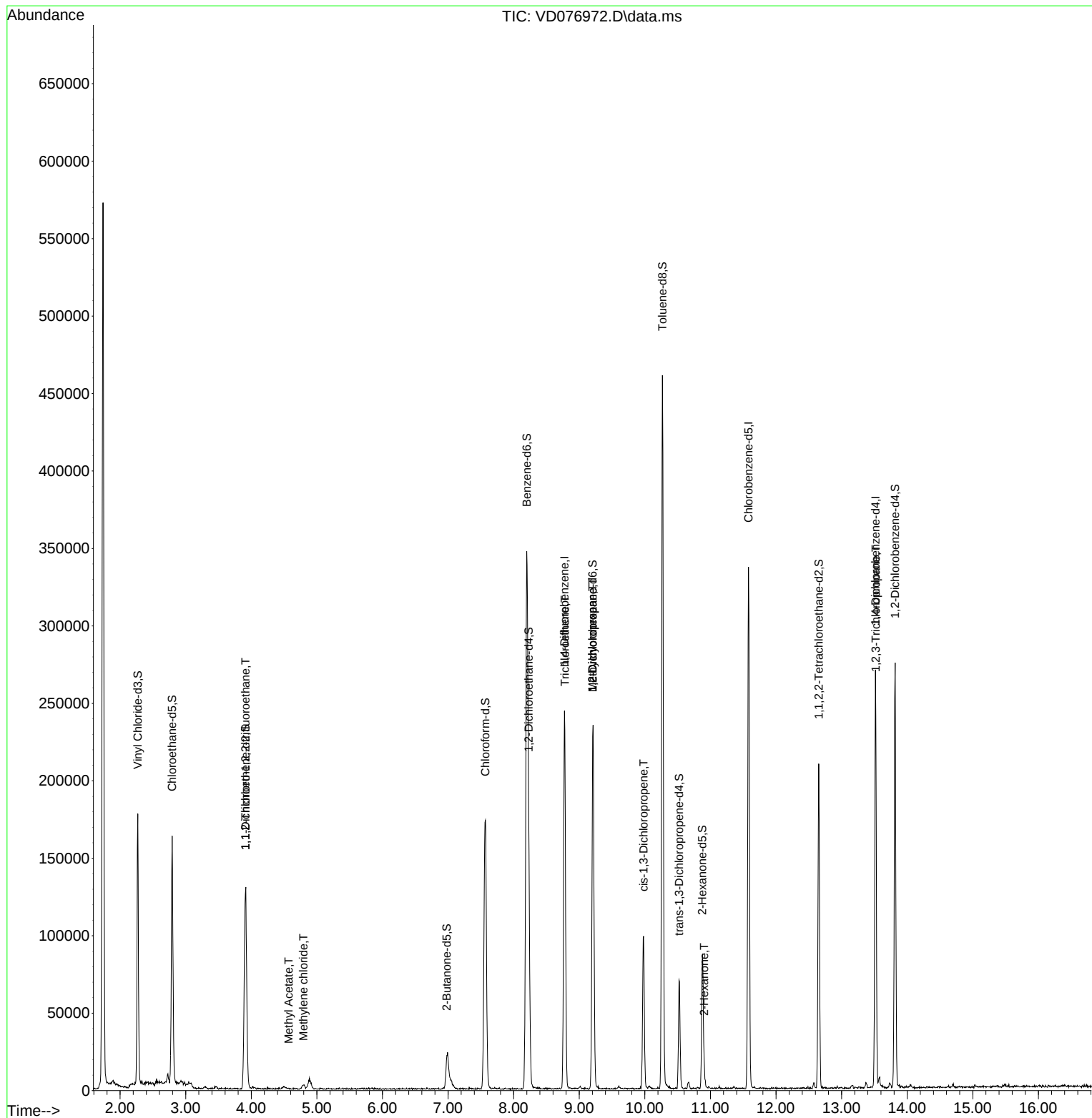
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	225352	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	207868	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	70981	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	158230	25.532	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 102.120%		
7) Chloroethane-d5	2.793	69	157794	27.542	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 110.160%		
11) 1,1-Dichloroethene-d2	3.911	65	34741	23.658	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 94.640%		
21) 2-Butanone-d5	6.981	46	38900	39.096	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 78.200%		
24) Chloroform-d	7.569	84	195217	26.603	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 106.400%		
26) 1,2-Dichloroethane-d4	8.228	65	103417	28.271	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 113.080%		
32) Benzene-d6	8.199	84	382704	29.283	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 117.120%		
36) 1,2-Dichloropropane-d6	9.204	67	119681	29.784	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 119.120%		
41) Toluene-d8	10.269	98	321935	26.868	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 107.480%		
43) trans-1,3-Dichloroprop...	10.522	79	41407	22.793	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 91.160%		
47) 2-Hexanone-d5	10.875	63	29585	38.544	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 77.080%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101903	26.245	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 104.960%		
66) 1,2-Dichlorobenzene-d4	13.816	152	72508	27.941	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 111.760%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	1655	0.443	ug/L #	20
15) Methyl Acetate	4.569	43	547	0.318	ug/L #	53
16) Methylene chloride	4.793	84	2106	0.446	ug/L #	71
34) Trichloroethene	8.781	95	6539	1.843	ug/L #	4
35) Methylcyclohexane	9.204	83	28825	4.981	ug/L #	20
37) 1,2-Dichloropropane	9.204	63	12333	3.563	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	2611	0.467	ug/L #	16
48) 2-Hexanone	10.904	43	3103	1.850	ug/L #	48
61) 1,2,3-Trichloropropane	13.522	75	9759	5.891	ug/L #	63

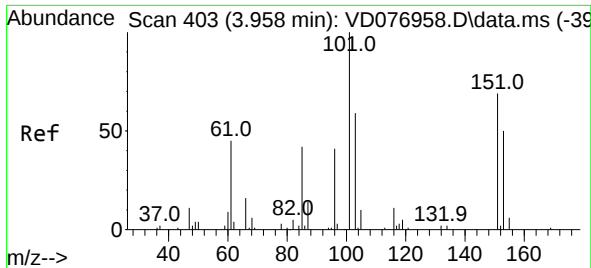
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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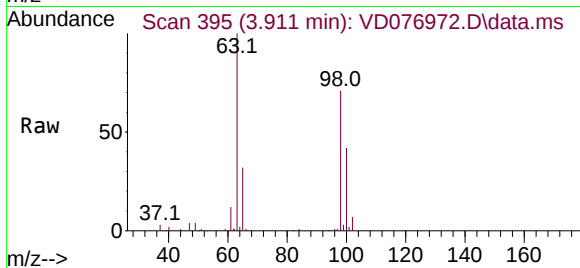
Quant Time: Aug 11 03:07:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
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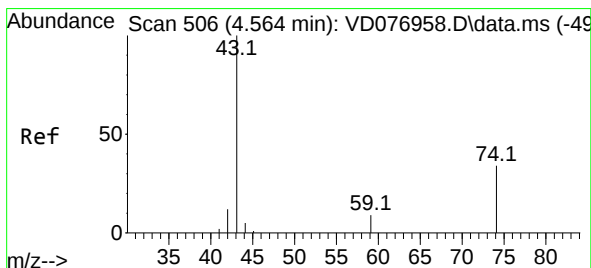
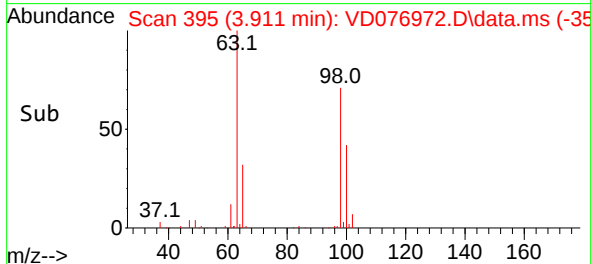
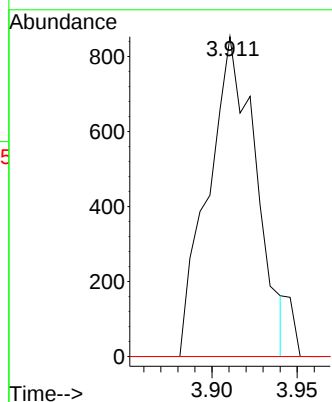


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.443 ug/L
RT: 3.911 min Scan# 395
Delta R.T. -0.047 min
Lab File: VD076972.D
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ClientSampleId :

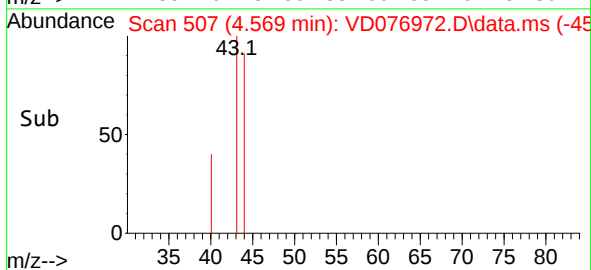
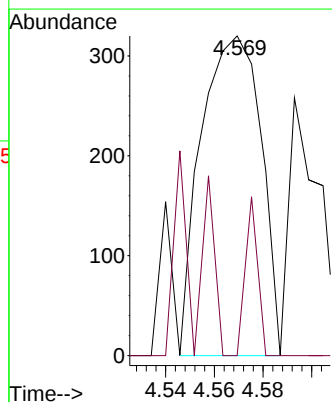
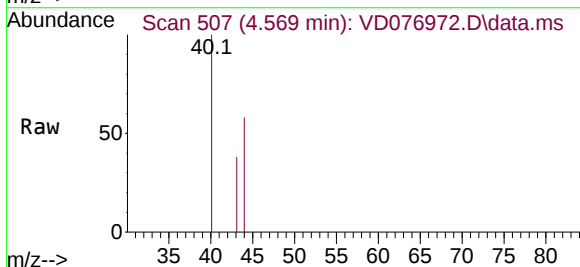


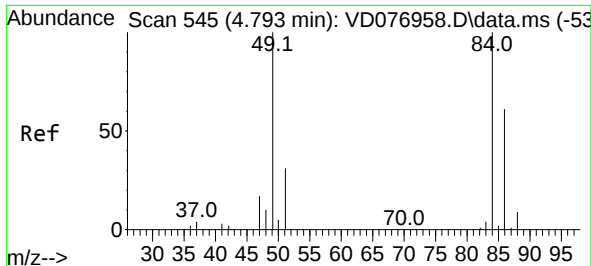
Tgt Ion:101 Resp: 1655
Ion Ratio Lower Upper
101 100
85 0.0 35.5 53.3#
151 0.0 58.6 87.8#



#15
Methyl Acetate
Concen: 0.318 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD076972.D
Acq: 10 Aug 2023 19:45

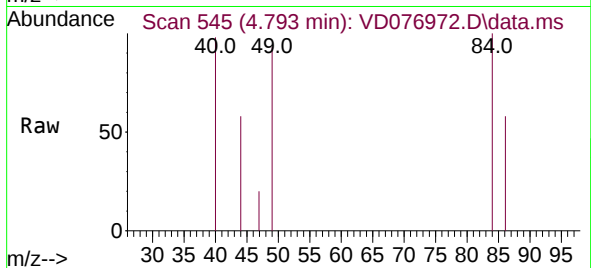
Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



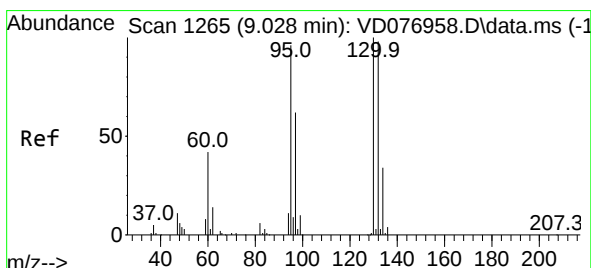
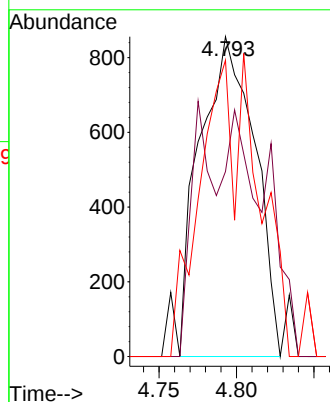
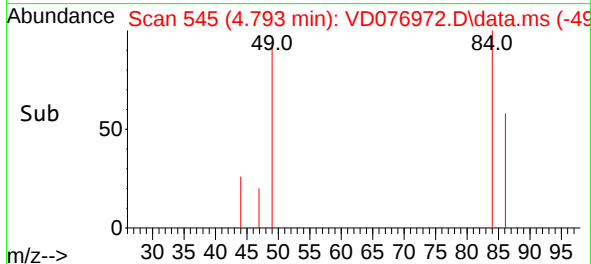


#16
Methylene chloride
Concen: 0.446 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076972.D
Acq: 10 Aug 2023 19:45

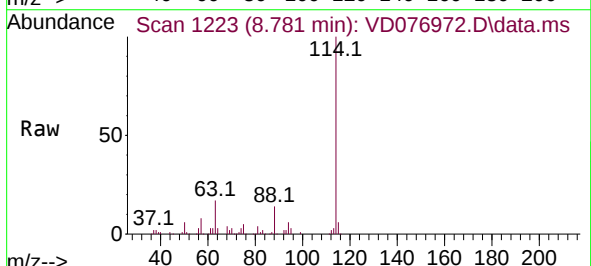
Instrument :
MSVOA_D
ClientSampleId :



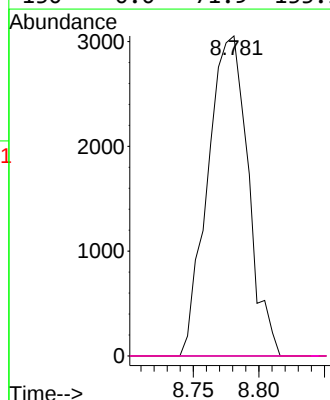
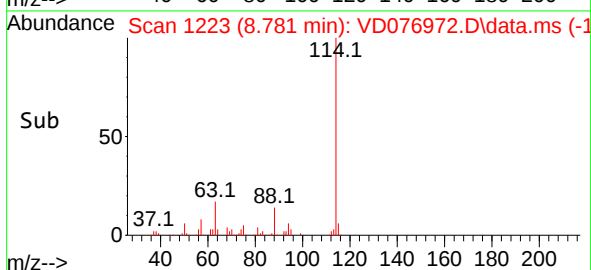
Tgt Ion: 84 Resp: 2106
Ion Ratio Lower Upper
84 100
86 57.8 45.1 83.9
49 92.6 97.2 180.6#

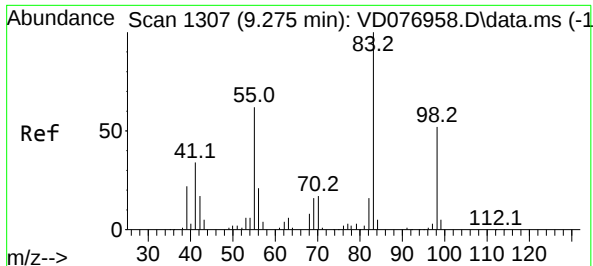


#34
Trichloroethene
Concen: 1.843 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076972.D
Acq: 10 Aug 2023 19:45



Tgt Ion: 95 Resp: 6539
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#





#35

Methylcyclohexane

Concen: 4.981 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.071 min

Lab File: VD076972.D

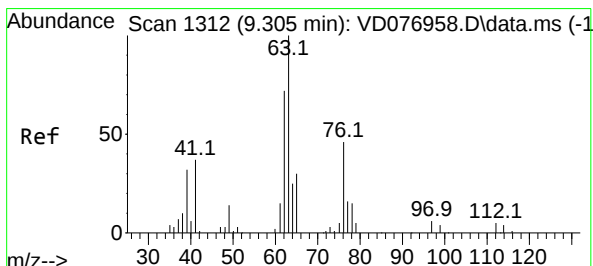
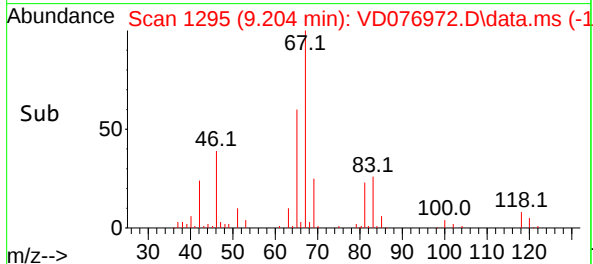
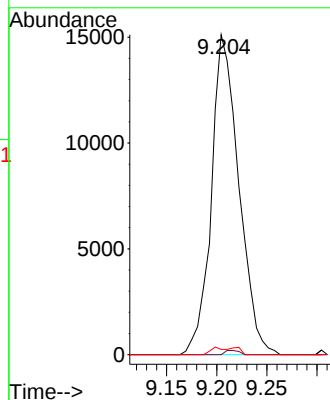
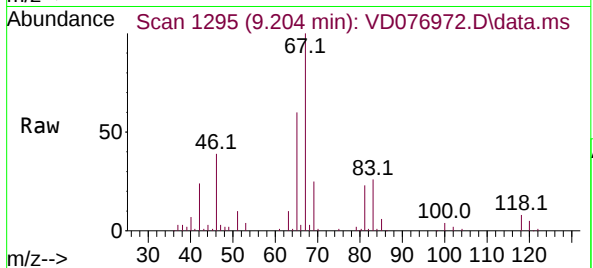
Acq: 10 Aug 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 28825
Ion Ratio	Lower Upper
83	100
55	0.7 59.8 89.6#
98	1.0 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 3.563 ug/L

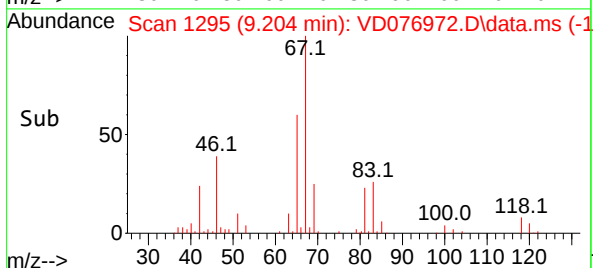
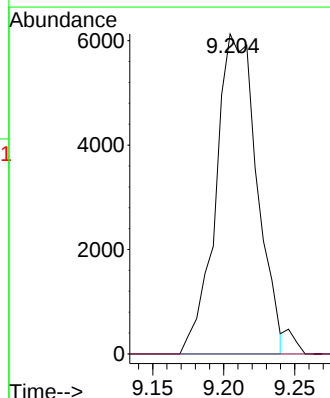
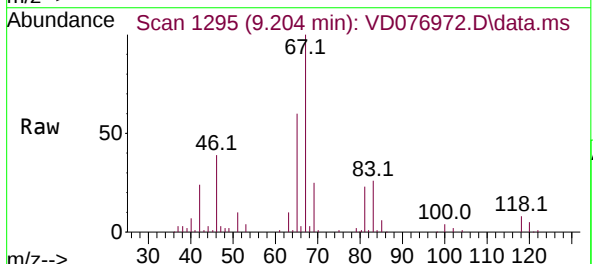
RT: 9.204 min Scan# 1295

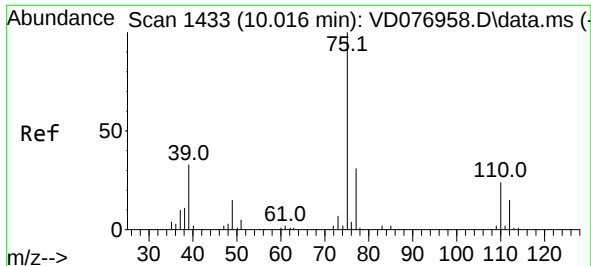
Delta R.T. -0.100 min

Lab File: VD076972.D

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Tgt Ion: 63	Resp: 12333
Ion Ratio	Lower Upper
63	100
112	0.0 3.1 4.7#

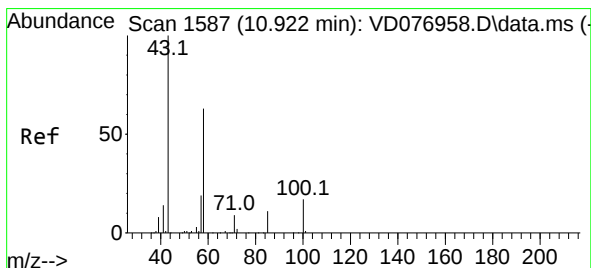
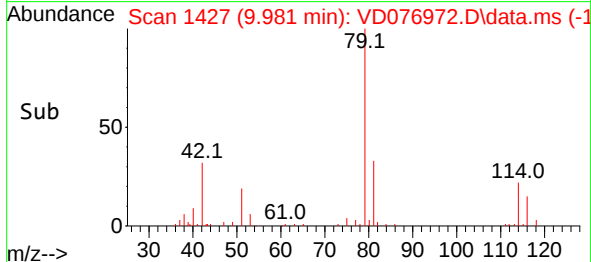
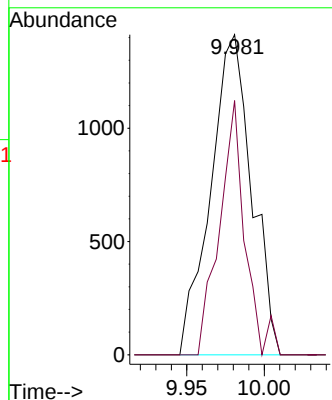
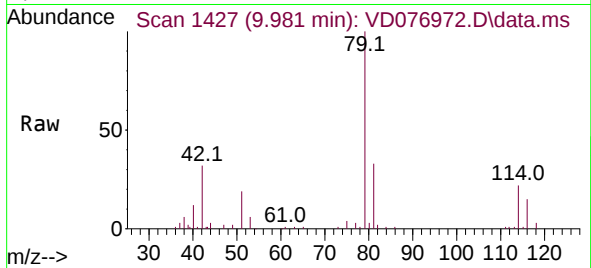




#39
cis-1,3-Dichloropropene
Concen: 0.467 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD076972.D
Acq: 10 Aug 2023 19:45

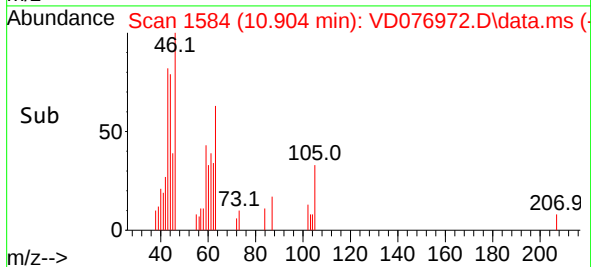
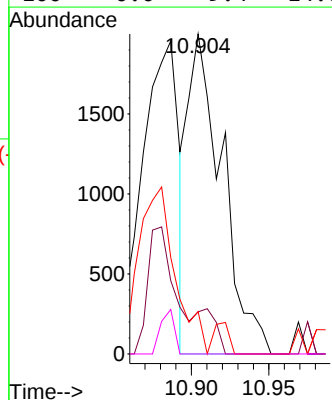
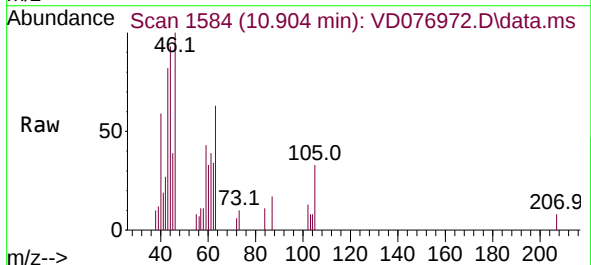
Instrument :
MSVOA_D
ClientSampleId :

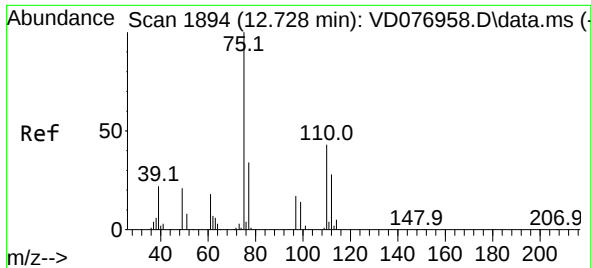
Tgt Ion: 75 Resp: 2611
Ion Ratio Lower Upper
75 100
77 79.4 22.7 42.3#



#48
2-Hexanone
Concen: 1.850 ug/L
RT: 10.904 min Scan# 1584
Delta R.T. -0.018 min
Lab File: VD076972.D
Acq: 10 Aug 2023 19:45

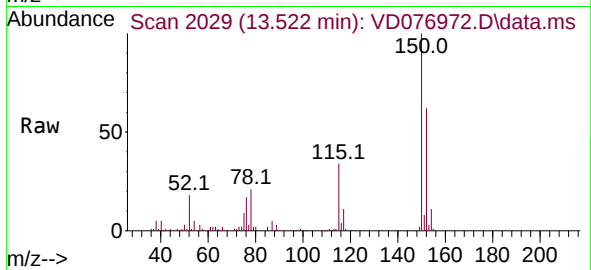
Tgt Ion: 43 Resp: 3103
Ion Ratio Lower Upper
43 100
58 8.4 42.9 64.3#
57 4.4 13.7 20.5#
100 0.0 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 5.891 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD076972.D
 Acq: 10 Aug 2023 19:45

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	9759
Ion	Ratio	Lower	Upper
75	100		
77	29.9	27.2	40.8
110	1.7	31.8	47.6#

