

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070523\
 Data File : VD076711.D
 Acq On : 05 Jul 2023 12:21
 Operator : KP/SY
 Sample : 03504-04RE
 Misc : 5.65G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46T4RE

Quant Time: Jul 06 01:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

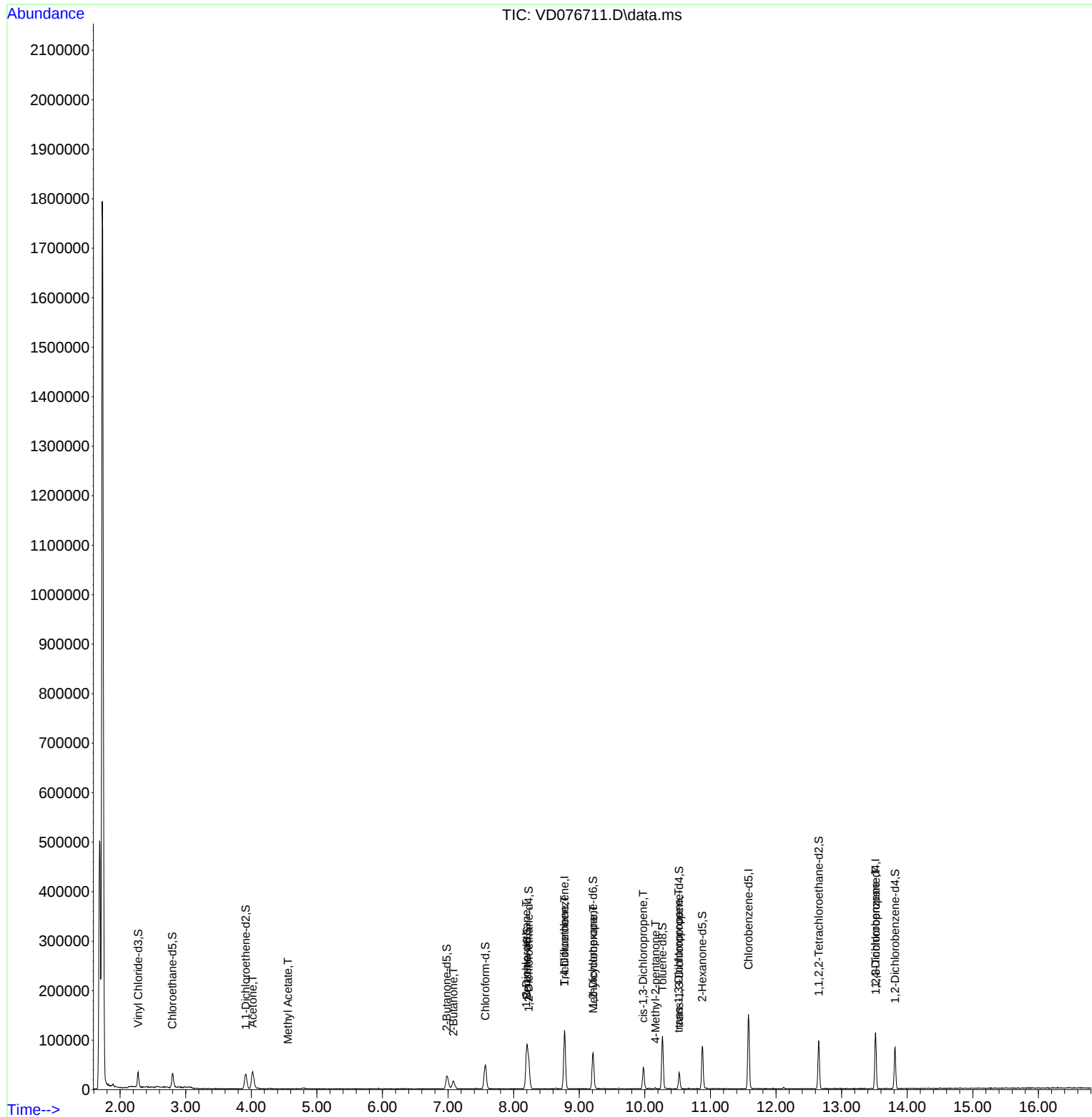
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	100280	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	84233	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	30432	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	26263	10.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.000%
7) Chloroethane-d5	2.799	69	27007	13.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.720%
11) 1,1-Dichloroethene-d2	3.916	65	8610	13.507	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.040%
21) 2-Butanone-d5	6.981	46	47488	128.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	256.800%#
24) Chloroform-d	7.569	84	49689	18.807	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.240%
26) 1,2-Dichloroethane-d4	8.228	65	37085	28.453	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.800%
32) Benzene-d6	8.204	84	86676	16.821	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.280%
36) 1,2-Dichloropropane-d6	9.210	67	34671	21.080	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.320%
41) Toluene-d8	10.269	98	72564	15.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.840%
43) trans-1,3-Dichloroprop...	10.522	79	16200	23.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.720%
47) 2-Hexanone-d5	10.875	63	31072	121.703	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	243.400%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	45741	39.090	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.360%#
66) 1,2-Dichlorobenzene-d4	13.816	152	19989	17.920	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.680%#
Target Compounds						Qvalue
13) Acetone	4.022	43	60670	203.096	ug/L	96
15) Methyl Acetate	4.557	43	375	0.550	ug/L #	53
22) 2-Butanone	7.081	43	26534	55.040	ug/L	100
27) 1,2-Dichloroethane	8.192	62	441	0.277	ug/L #	71
34) Trichloroethene	8.775	95	2761	1.928	ug/L #	4
35) Methylcyclohexane	9.216	83	7974	3.453	ug/L #	20
39) cis-1,3-Dichloropropene	9.975	75	1346	0.580	ug/L #	75
40) 4-Methyl-2-pentanone	10.163	43	930	0.984	ug/L	92
44) trans-1,3-Dichloropropene	10.516	75	932	0.494	ug/L #	43
61) 1,2,3-Trichloropropane	13.521	75	4594	7.779	ug/L #	58

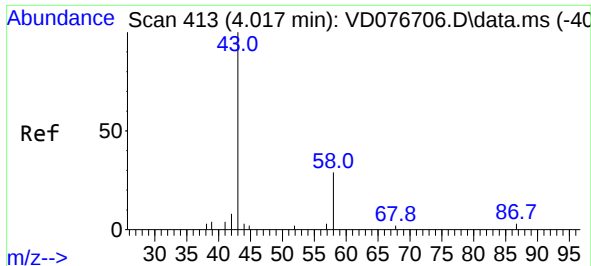
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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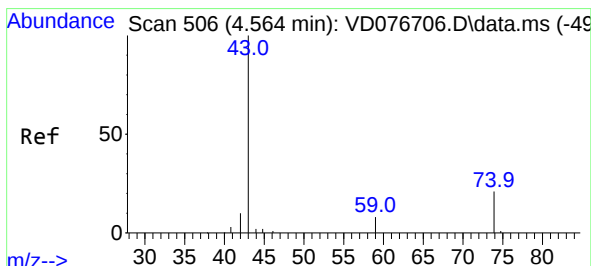
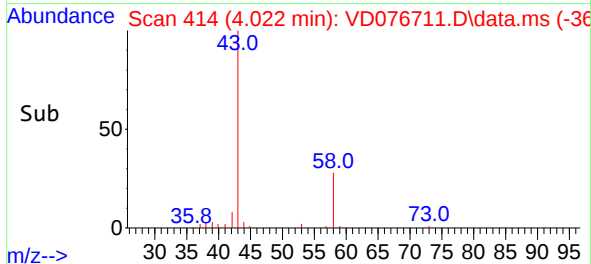
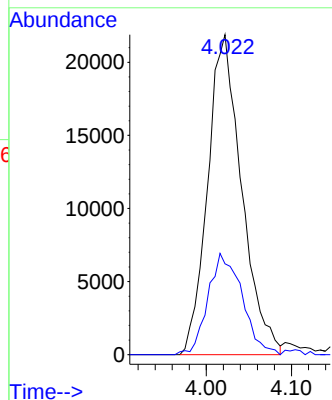
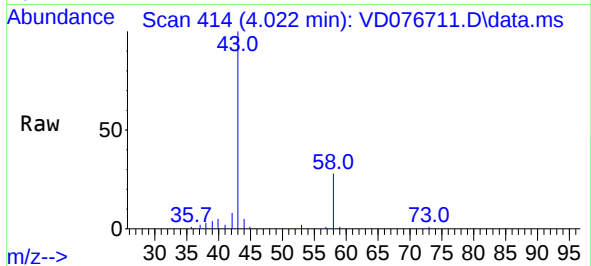




#13
Acetone
Concen: 203.096 ug/L
RT: 4.022 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076711.D
Acq: 05 Jul 2023 12:21

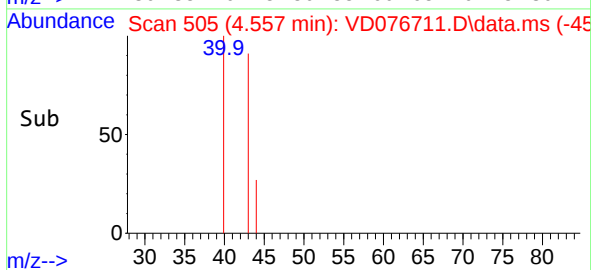
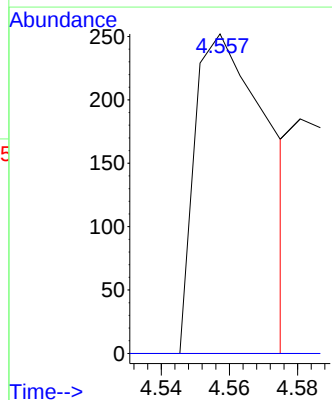
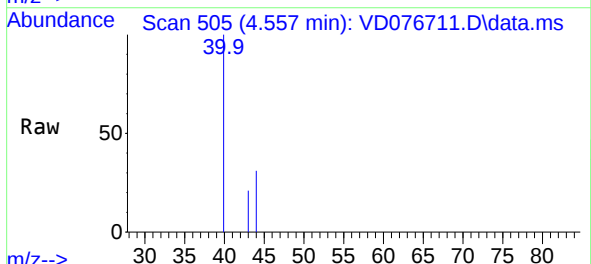
Instrument :
MSVOA_D
ClientSampleId :
A46T4RE

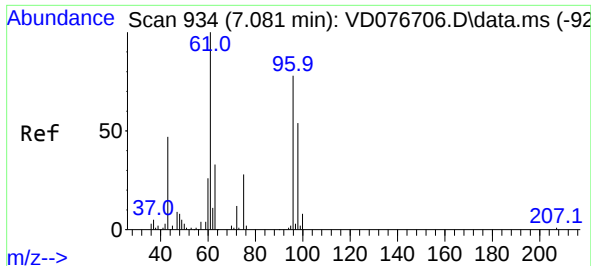
Tgt Ion: 43 Resp: 60670
Ion Ratio Lower Upper
43 100
58 31.3 0.0 67.4



#15
Methyl Acetate
Concen: 0.550 ug/L
RT: 4.557 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076711.D
Acq: 05 Jul 2023 12:21

Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#

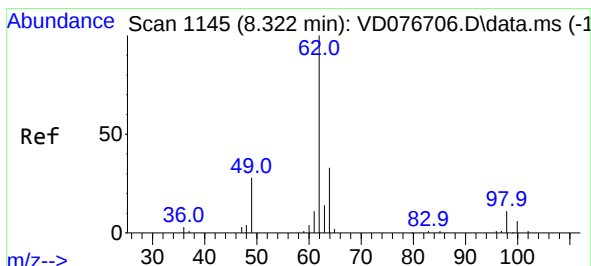
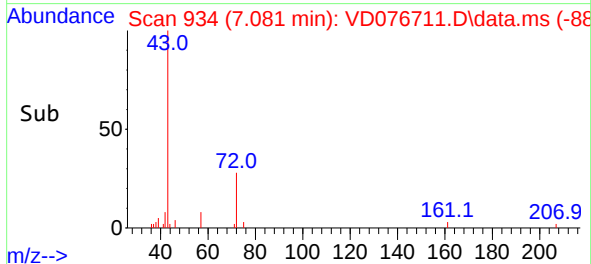
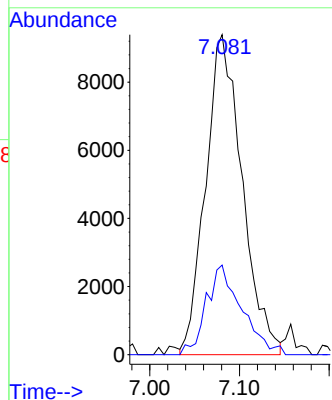
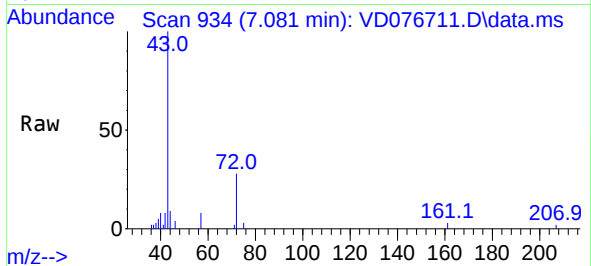




#22
2-Butanone
Concen: 55.040 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076711.D
Acq: 05 Jul 2023 12:21

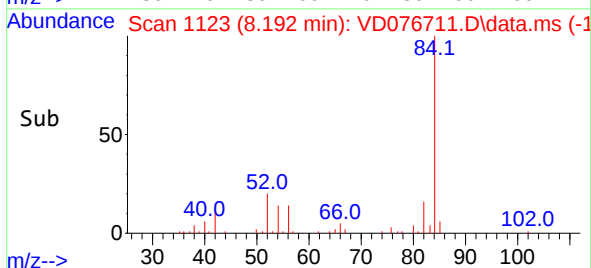
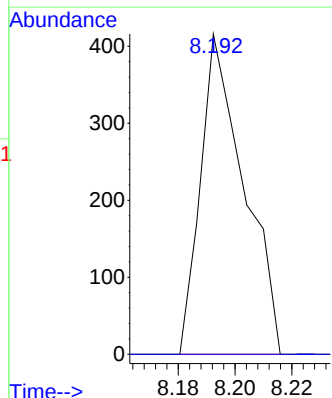
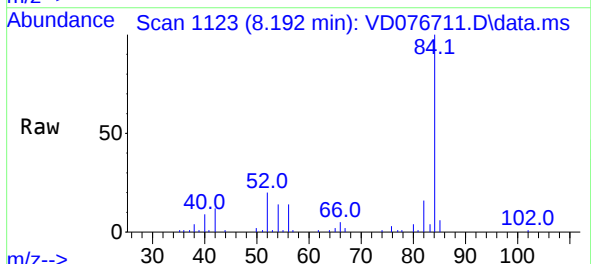
Instrument :
MSVOA_D
ClientSampleId :
A46T4RE

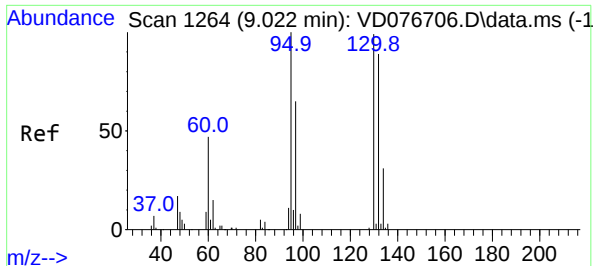
Tgt Ion: 43 Resp: 26534
Ion Ratio Lower Upper
43 100
72 25.8 12.9 38.7



#27
1,2-Dichloroethane
Concen: 0.277 ug/L
RT: 8.192 min Scan# 1123
Delta R.T. -0.130 min
Lab File: VD076711.D
Acq: 05 Jul 2023 12:21

Tgt Ion: 62 Resp: 441
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#





#34

Trichloroethene

Concen: 1.928 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD076711.D

Acq: 05 Jul 2023 12:21

Instrument :

MSVOA_D

ClientSampleId :

A46T4RE

Tgt Ion: 95 Resp: 2761

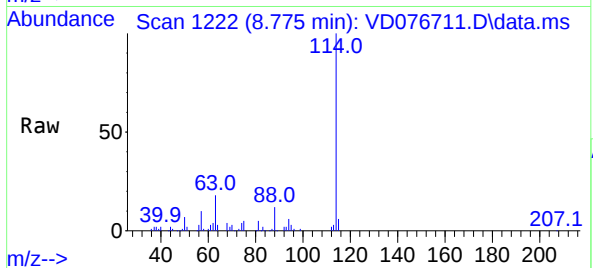
Ion Ratio Lower Upper

95 100

97 0.0 43.1 80.1#

132 0.0 71.8 133.4#

130 0.0 71.9 133.5#



Abundance

8.775

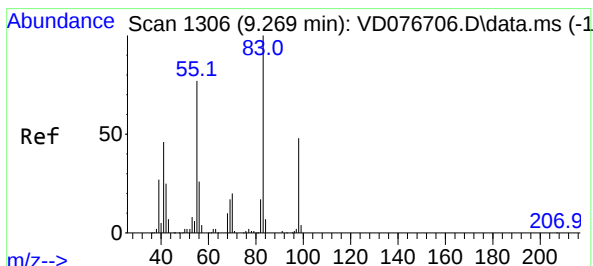
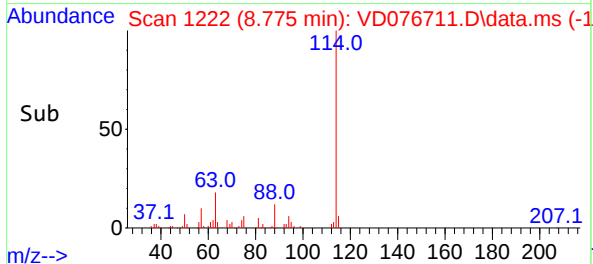
1500

1000

500

0

Time-->



#35

Methylcyclohexane

Concen: 3.453 ug/L

RT: 9.216 min Scan# 1297

Delta R.T. -0.053 min

Lab File: VD076711.D

Acq: 05 Jul 2023 12:21

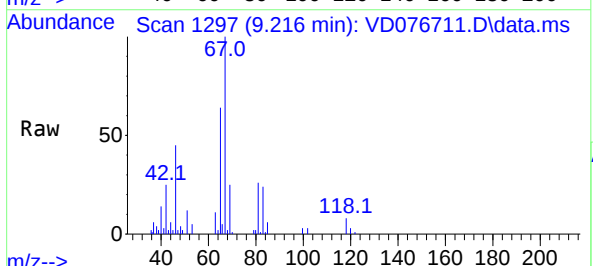
Tgt Ion: 83 Resp: 7974

Ion Ratio Lower Upper

83 100

55 1.8 59.8 89.6#

98 0.0 37.8 56.6#



Abundance

9.216

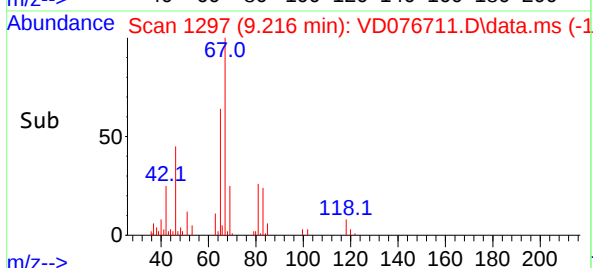
3000

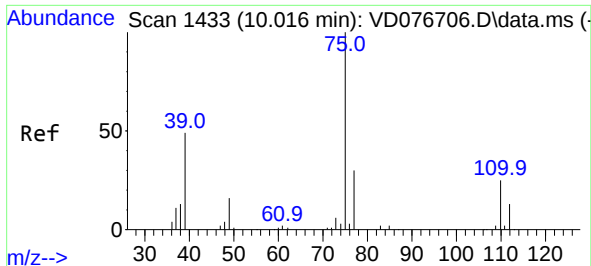
2000

1000

0

Time-->

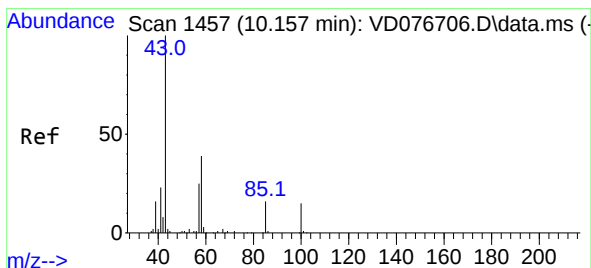
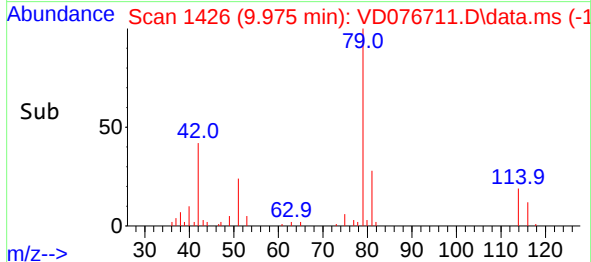
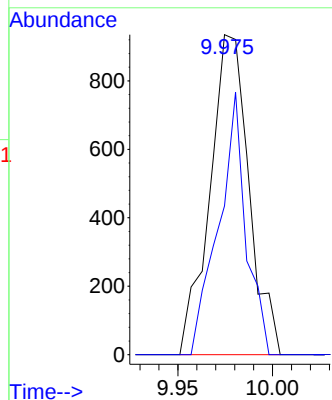
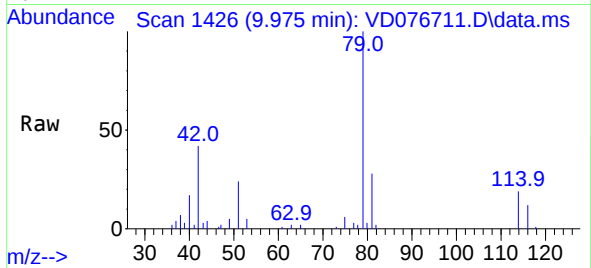




#39
cis-1,3-Dichloropropene
Concen: 0.580 ug/L
RT: 9.975 min Scan# 1433
Delta R.T. -0.042 min
Lab File: VD076711.D
Acq: 05 Jul 2023 12:21

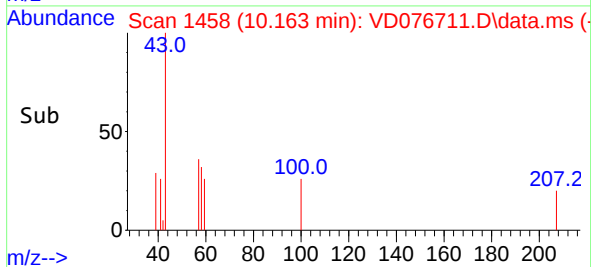
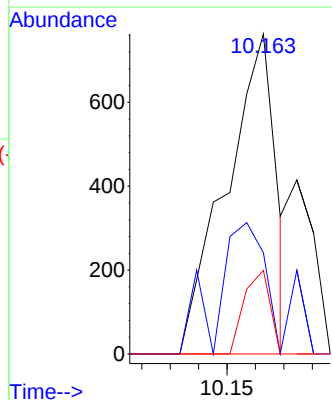
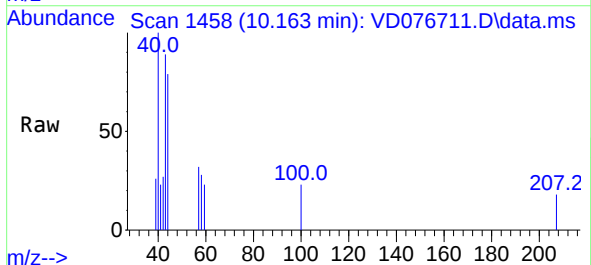
Instrument :
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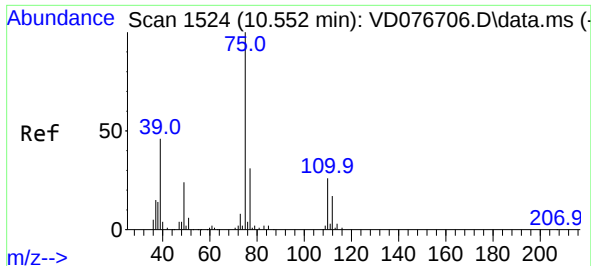
Tgt Ion: 75 Resp: 1346
Ion Ratio Lower Upper
75 100
77 46.5 22.7 42.3#



#40
4-Methyl-2-pentanone
Concen: 0.984 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VD076711.D
Acq: 05 Jul 2023 12:21

Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
58 31.6 30.7 46.1
100 13.4 11.0 16.4

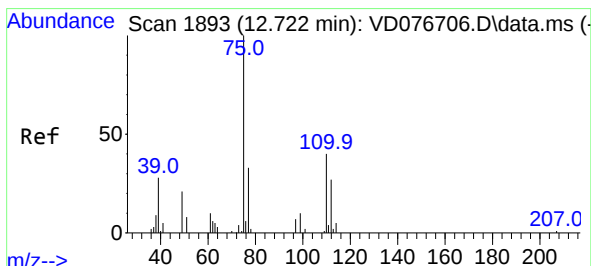
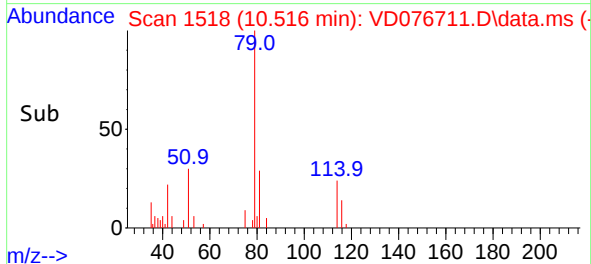
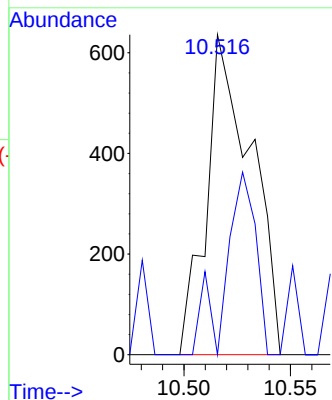
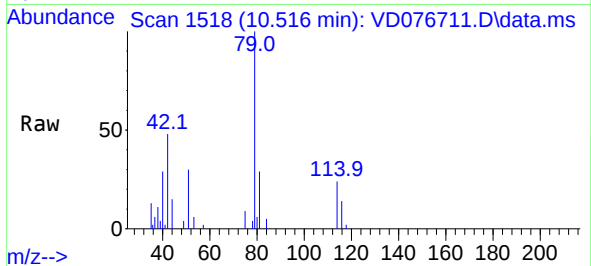




#44
trans-1,3-Dichloropropene
Concen: 0.494 ug/L
RT: 10.516 min Scan# 11
Delta R.T. -0.036 min
Lab File: VD076711.D
Acq: 05 Jul 2023 12:21

Instrument :
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Tgt Ion: 75 Resp: 932
Ion Ratio Lower Upper
75 100
77 0.0 22.5 41.7#



#61
1,2,3-Trichloropropane
Concen: 7.779 ug/L
RT: 13.521 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD076711.D
Acq: 05 Jul 2023 12:21

Tgt Ion: 75 Resp: 4594
Ion Ratio Lower Upper
75 100
77 25.1 27.2 40.8#
110 0.0 31.8 47.6#

