

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076611.D
 Acq On : 28 Jun 2023 12:39
 Operator : KP/SY
 Sample : 03422-07
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4653

Quant Time: Jun 29 01:29:52 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)

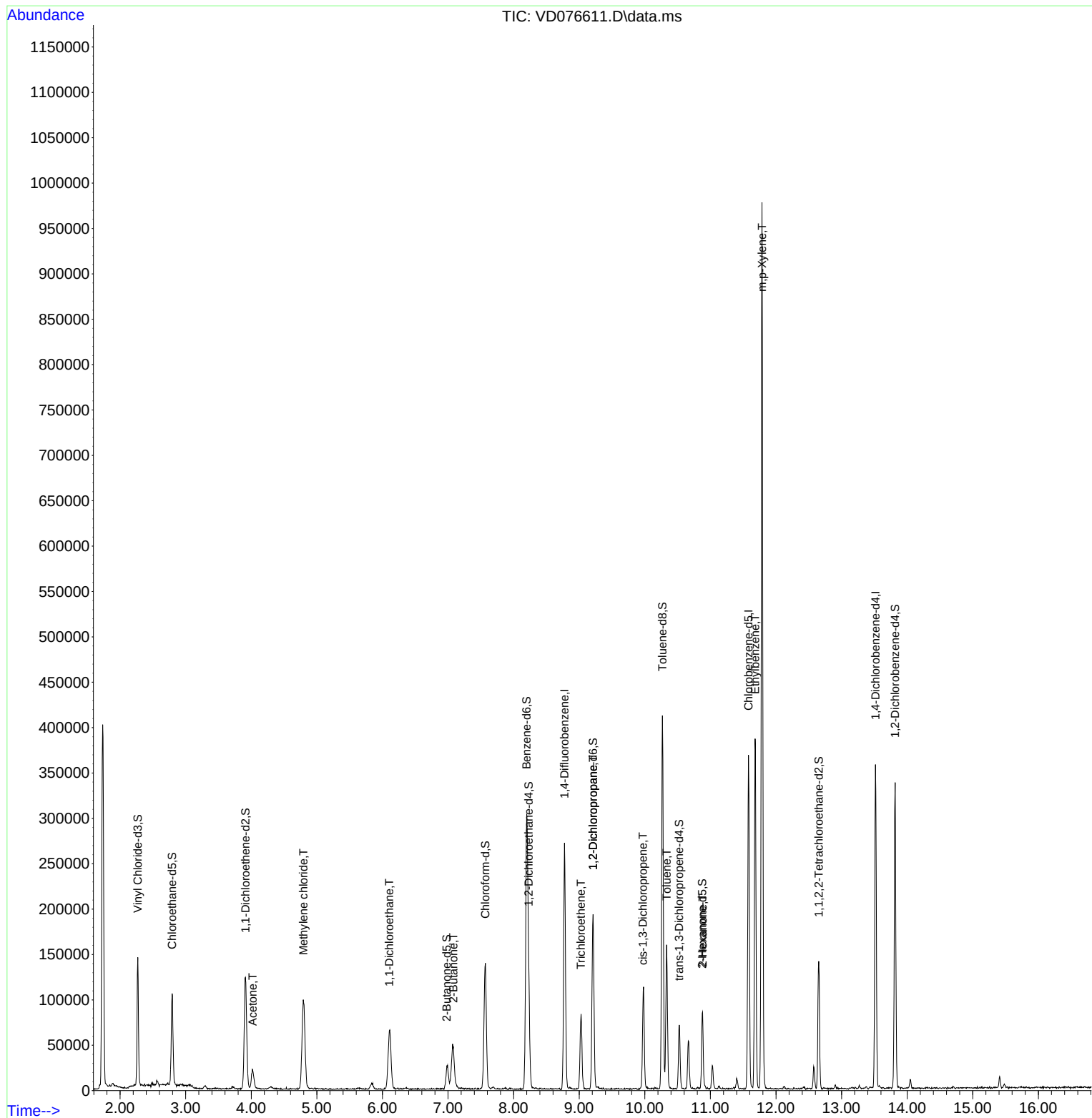
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	223169	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	200322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	93161	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	126355	23.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.000%
7) Chloroethane-d5	2.793	69	100108	22.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.120%
11) 1,1-Dichloroethene-d2	3.911	65	36911	26.018	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.080%
21) 2-Butanone-d5	6.981	46	43868	53.297	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.600%
24) Chloroform-d	7.569	84	141686	24.098	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	8.228	65	75838	26.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	8.199	84	301447	24.600	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	9.210	67	93625	23.936	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.269	98	275805	24.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.240%
43) trans-1,3-Dichloroprop...	10.522	79	39288	24.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.875	63	28688	47.248	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	74552	26.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	85925	25.163	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.640%
Target Compounds						Qvalue
13) Acetone	4.022	43	35798	53.848	ug/L	99
16) Methylene chloride	4.793	84	74448	19.193	ug/L	88
19) 1,1-Dichloroethane	6.105	63	96713	16.382	ug/L	96
22) 2-Butanone	7.081	43	23671	22.064	ug/L	93
34) Trichloroethene	9.028	95	27655	8.120	ug/L	92
37) 1,2-Dichloropropane	9.210	63	10145	2.807	ug/L #	88
39) cis-1,3-Dichloropropene	9.969	75	3382	0.613	ug/L	98
42) Toluene	10.334	91	110839	7.823	ug/L	95
48) 2-Hexanone	10.881	43	3727	2.420	ug/L #	68
52) Ethylbenzene	11.681	91	275536	18.043	ug/L	98
53) m,p-Xylene	11.787	106	260088	43.338	ug/L	100

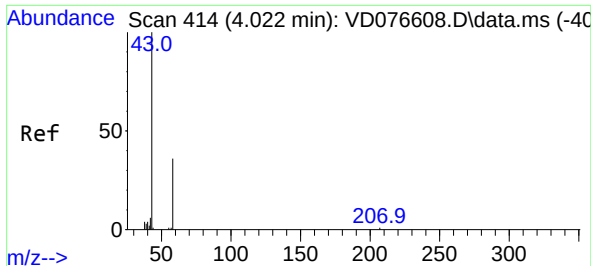
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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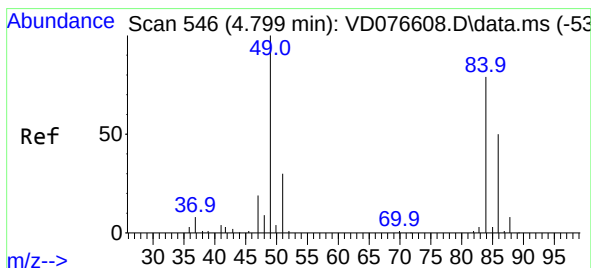
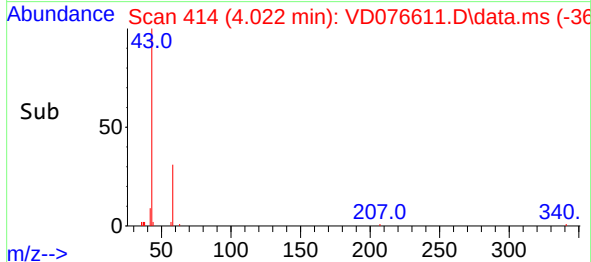
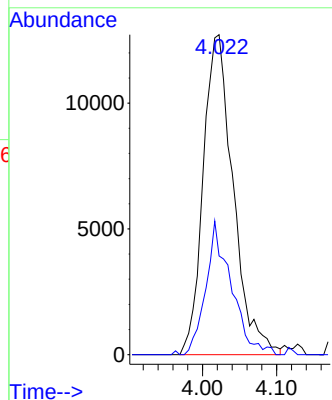
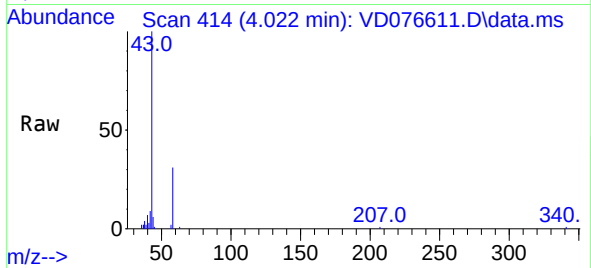




#13
Acetone
Concen: 53.848 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076611.D
Acq: 28 Jun 2023 12:39

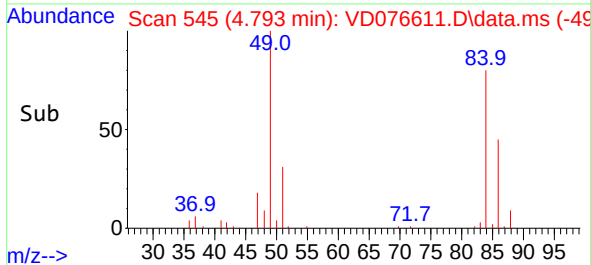
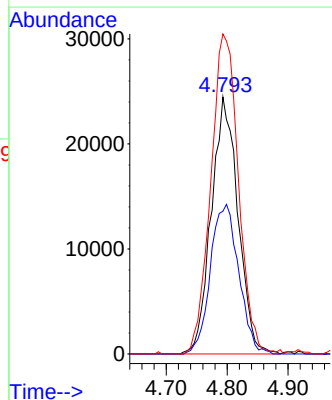
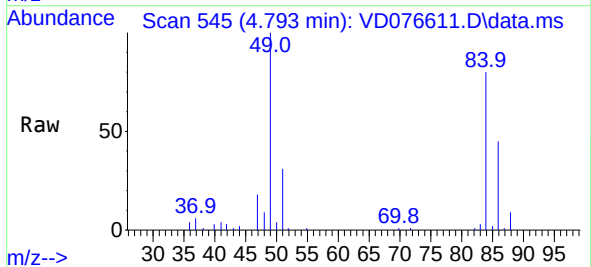
Instrument :
MSVOA_D
ClientSampleId :
A4653

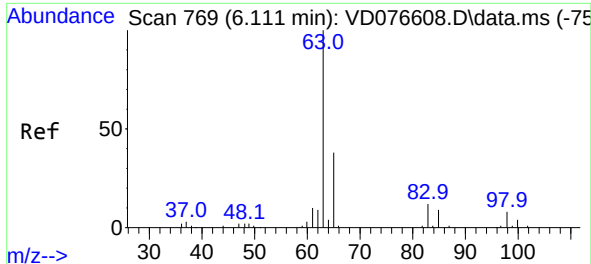
Tgt Ion: 43 Resp: 35798
Ion Ratio Lower Upper
43 100
58 34.2 0.0 67.4



#16
Methylene chloride
Concen: 19.193 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076611.D
Acq: 28 Jun 2023 12:39

Tgt Ion: 84 Resp: 74448
Ion Ratio Lower Upper
84 100
86 55.5 45.1 83.9
49 124.5 97.2 180.6

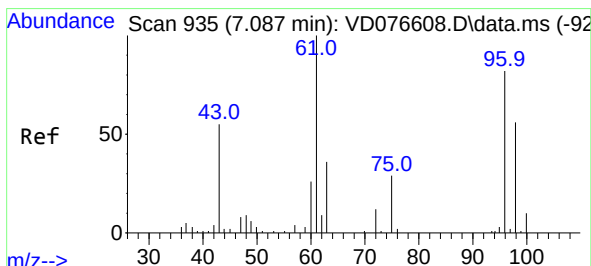
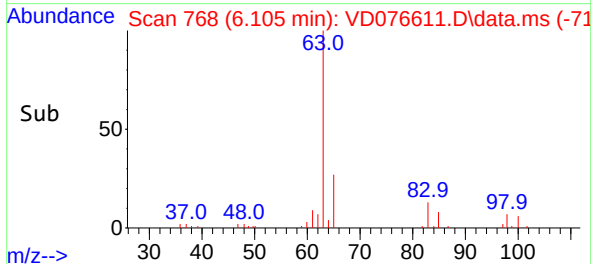
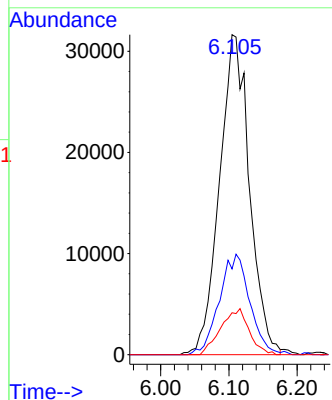
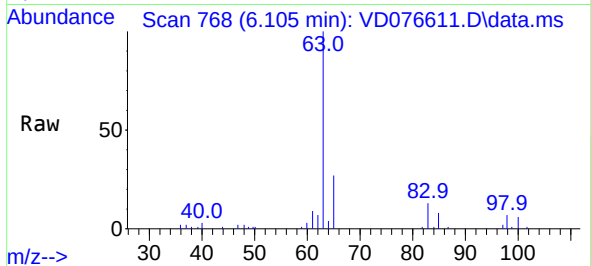




#19
1,1-Dichloroethane
Concen: 16.382 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076611.D
Acq: 28 Jun 2023 12:39

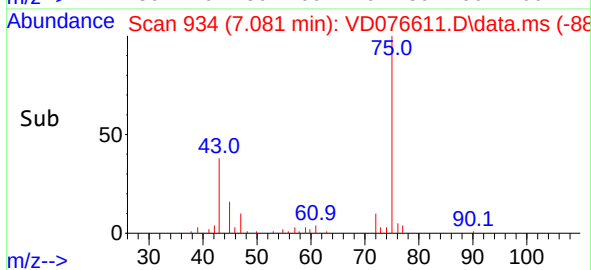
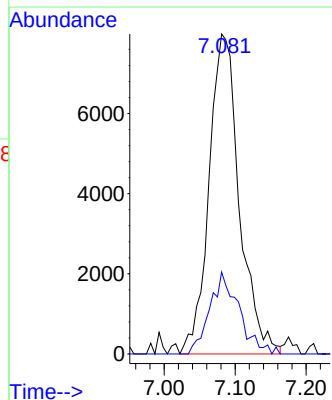
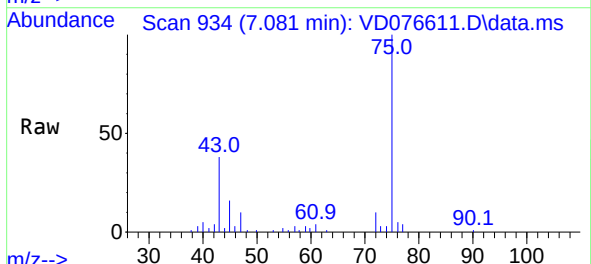
Instrument :
MSVOA_D
ClientSampleId :
A4653

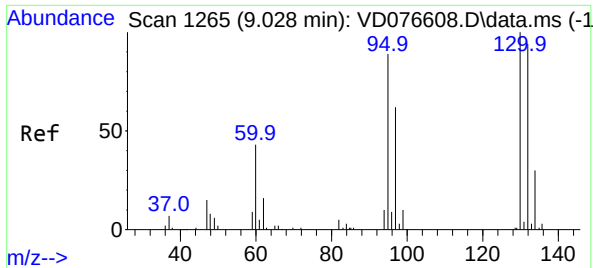
Tgt Ion: 63 Resp: 96713
Ion Ratio Lower Upper
63 100
65 26.8 20.8 38.6
83 13.1 8.9 16.5



#22
2-Butanone
Concen: 22.064 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076611.D
Acq: 28 Jun 2023 12:39

Tgt Ion: 43 Resp: 23671
Ion Ratio Lower Upper
43 100
72 22.3 12.9 38.7



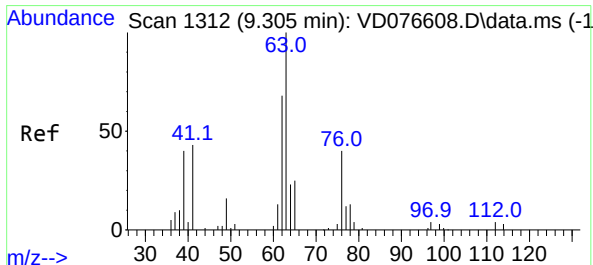
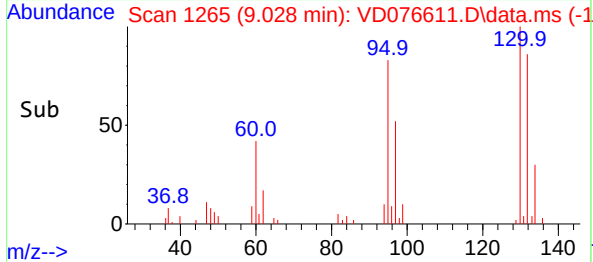
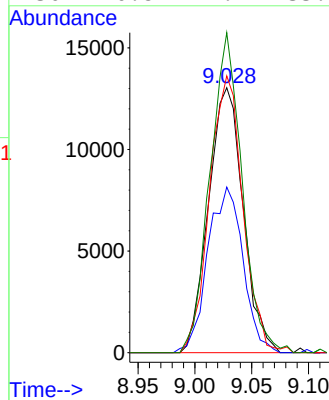
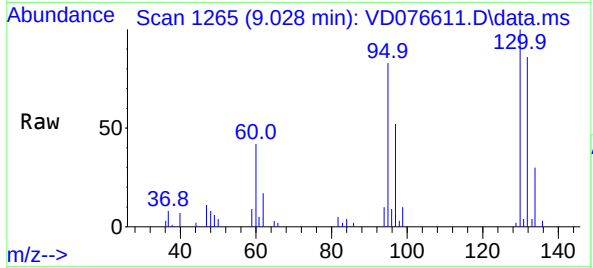


#34
Trichloroethene
Concen: 8.120 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076611.D
Acq: 28 Jun 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
A4653

Tgt Ion: 95 Resp: 27655

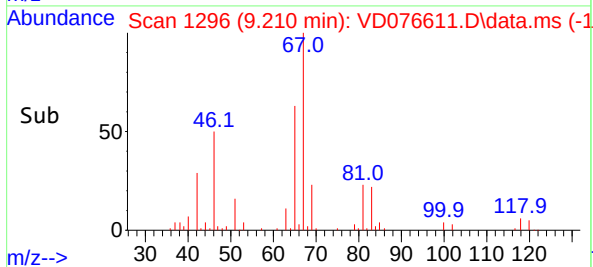
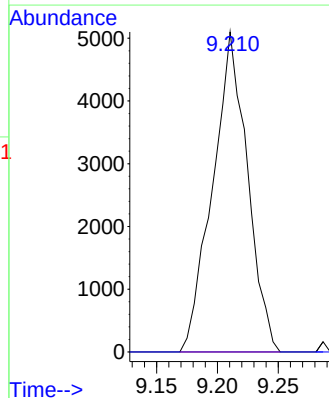
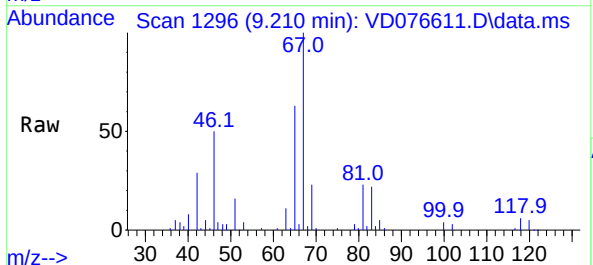
Ion	Ratio	Lower	Upper
95	100		
97	62.5	43.1	80.1
132	104.5	71.8	133.4
130	120.8	71.9	133.5

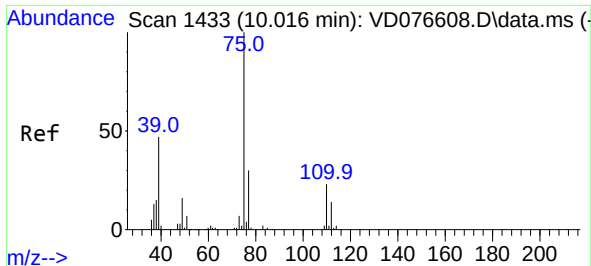


#37
1,2-Dichloropropane
Concen: 2.807 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076611.D
Acq: 28 Jun 2023 12:39

Tgt Ion: 63 Resp: 10145

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.613 ug/L

RT: 9.969 min Scan# 1433

Delta R.T. -0.047 min

Lab File: VD076611.D

Acq: 28 Jun 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

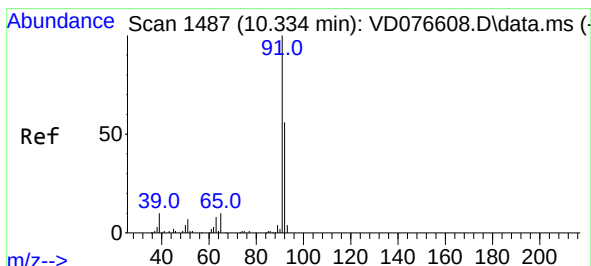
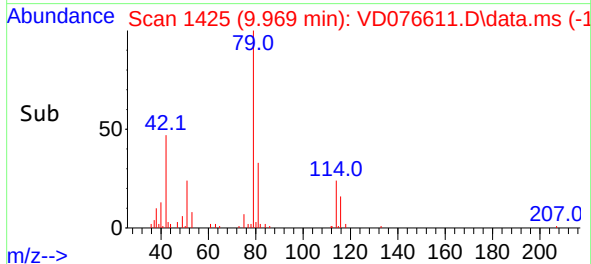
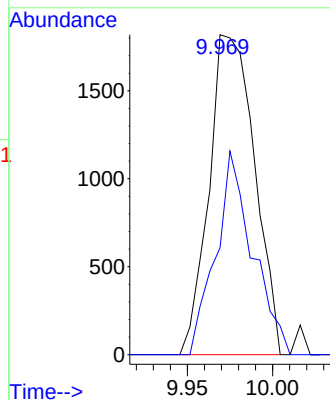
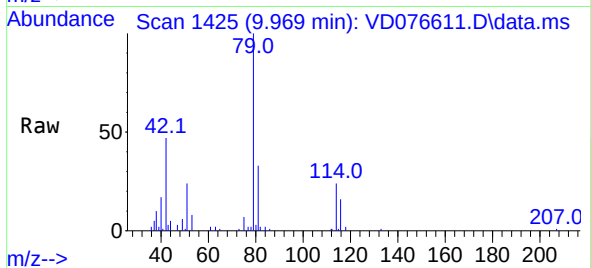
A4653

Tgt Ion: 75 Resp: 3382

Ion Ratio Lower Upper

75 100

77 33.4 22.7 42.3



#42

Toluene

Concen: 7.823 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076611.D

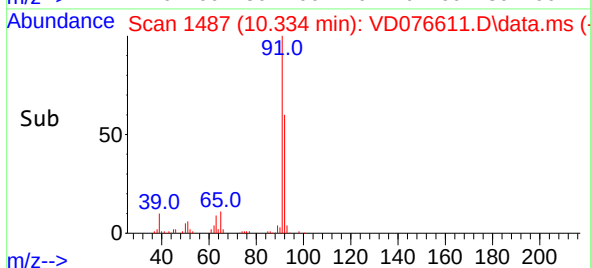
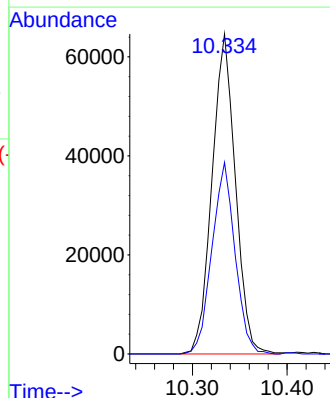
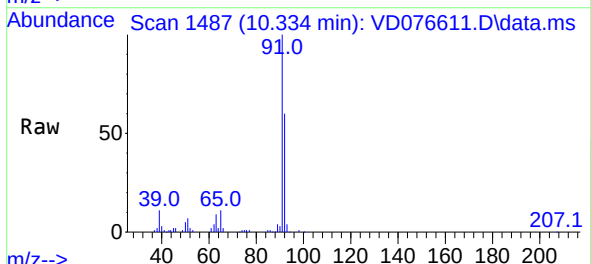
Acq: 28 Jun 2023 12:39

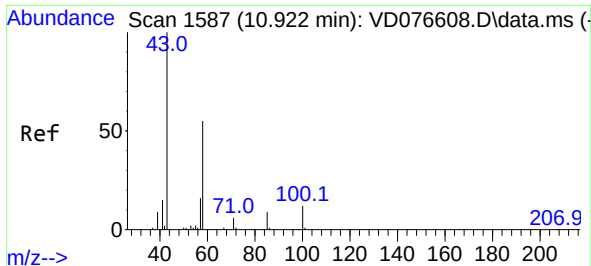
Tgt Ion: 91 Resp: 110839

Ion Ratio Lower Upper

91 100

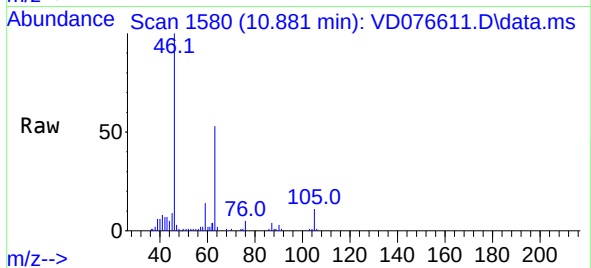
92 59.9 39.3 73.1



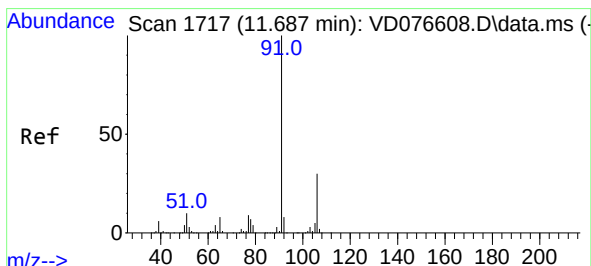
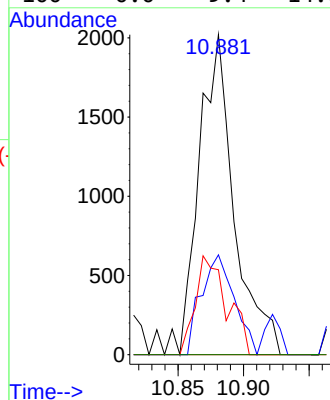
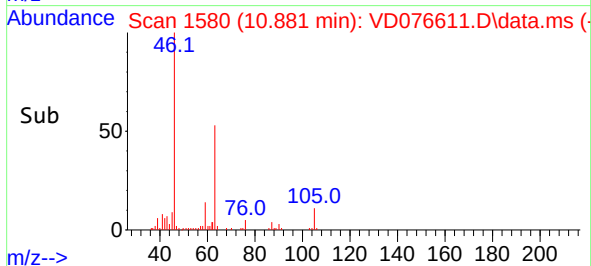


#48
2-Hexanone
Concen: 2.420 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD076611.D
Acq: 28 Jun 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
A4653

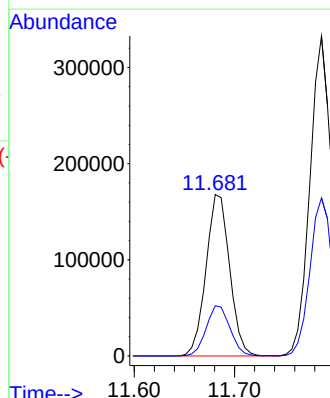
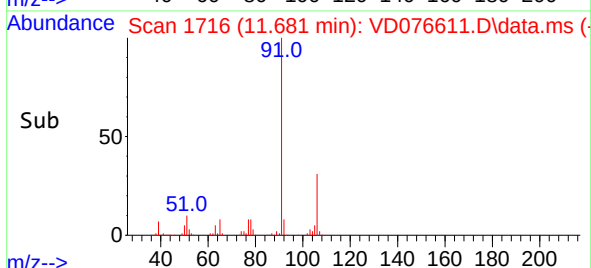
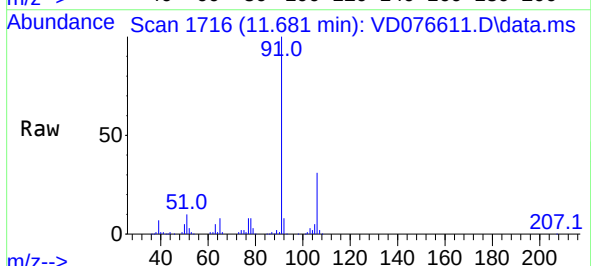


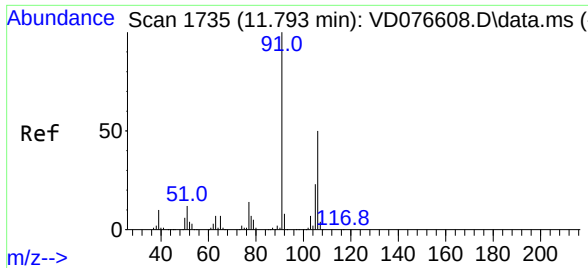
Tgt Ion: 43 Resp: 3727
Ion Ratio Lower Upper
43 100
58 29.7 42.9 64.3#
57 5.6 13.7 20.5#
100 0.0 9.4 14.0#



#52
Ethylbenzene
Concen: 18.043 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076611.D
Acq: 28 Jun 2023 12:39

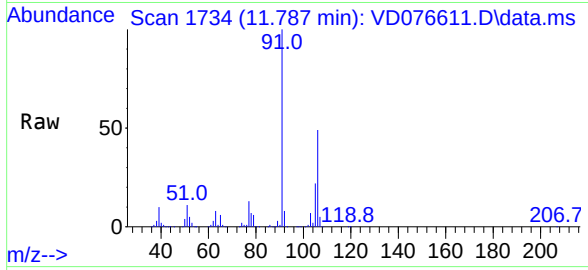
Tgt Ion: 91 Resp: 275536
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6





#53
m,p-Xylene
Concen: 43.338 ug/L
RT: 11.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076611.D
Acq: 28 Jun 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
A4653



Tgt Ion:106 Resp: 260088
Ion Ratio Lower Upper
106 100
91 202.4 141.5 262.9

