

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070523\
 Data File : VD076709.D
 Acq On : 05 Jul 2023 11:28
 Operator : KP/SY
 Sample : 03444-24
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4657

Quant Time: Jul 06 01:15:23 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)

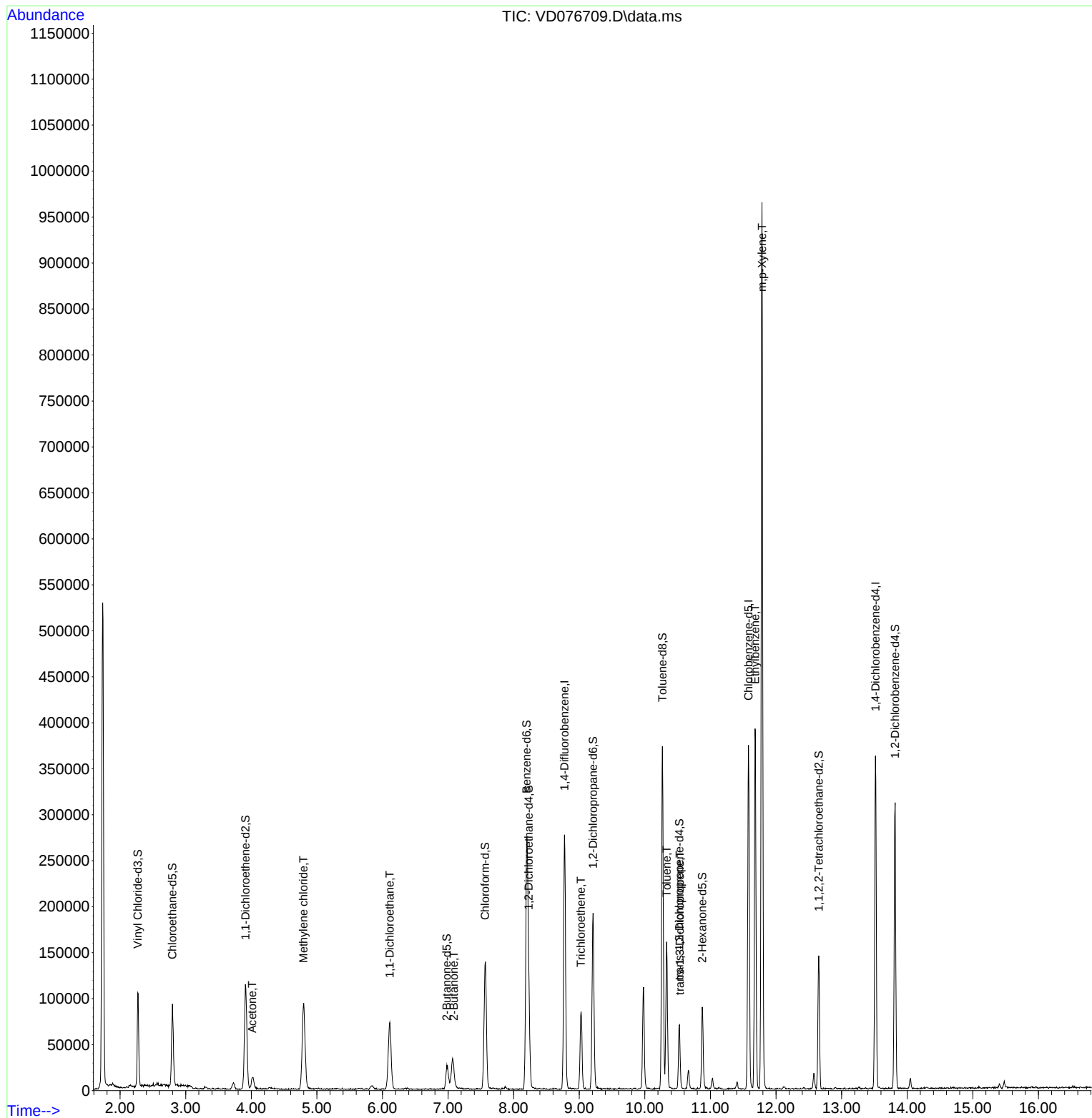
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	240523	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	209322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	96759	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	93879	16.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.120%
7) Chloroethane-d5	2.799	69	87191	18.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.640%
11) 1,1-Dichloroethene-d2	3.911	65	32811	21.460	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.840%
21) 2-Butanone-d5	6.981	46	45100	50.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.680%
24) Chloroform-d	7.563	84	142661	22.513	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	8.228	65	76747	24.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.199	84	275152	21.488	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.960%
36) 1,2-Dichloropropane-d6	9.210	67	91910	22.487	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.960%
41) Toluene-d8	10.269	98	251038	21.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.680%
43) trans-1,3-Dichloroprop...	10.528	79	38850	22.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.875	63	31352	49.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71775	24.683	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	79635	22.454	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds					Qvalue	
13) Acetone	4.016	43	21106	29.457	ug/L	96
16) Methylene chloride	4.793	84	67516	16.150	ug/L	90
19) 1,1-Dichloroethane	6.110	63	103203	16.220	ug/L	99
22) 2-Butanone	7.087	43	17369	15.021	ug/L	87
34) Trichloroethene	9.028	95	29843	8.386	ug/L	97
42) Toluene	10.334	91	116136	7.845	ug/L	99
44) trans-1,3-Dichloropropene	10.534	75	2399	0.512	ug/L	86
52) Ethylbenzene	11.681	91	277699	17.403	ug/L	100
53) m,p-Xylene	11.787	106	264581	42.191	ug/L	97

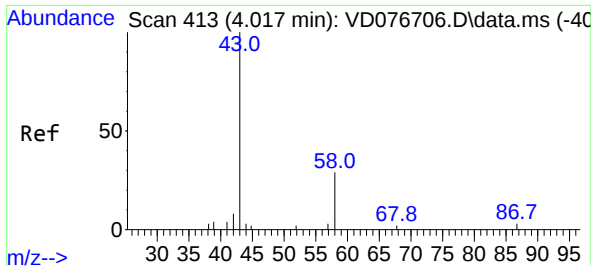
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

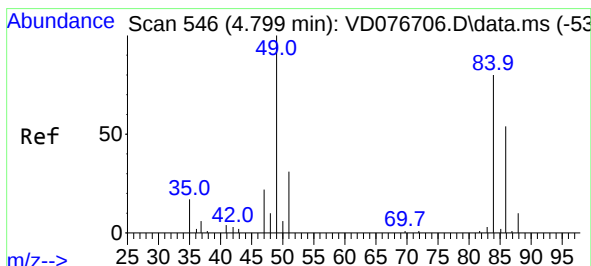
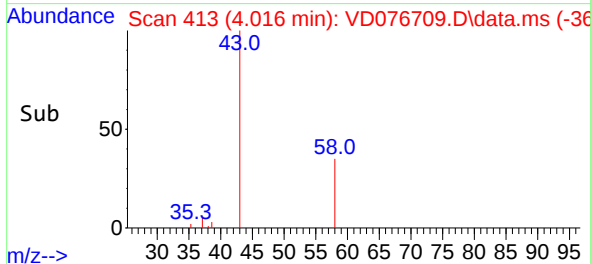
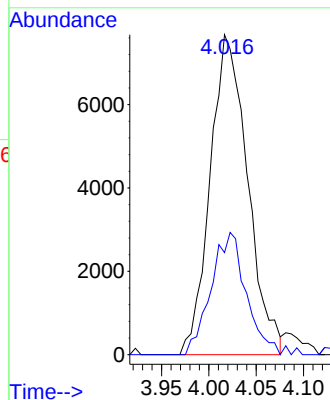
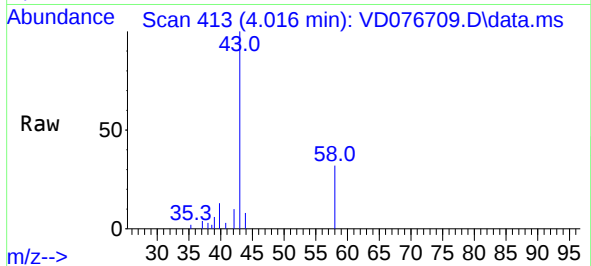




#13
Acetone
Concen: 29.457 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076709.D
Acq: 05 Jul 2023 11:28

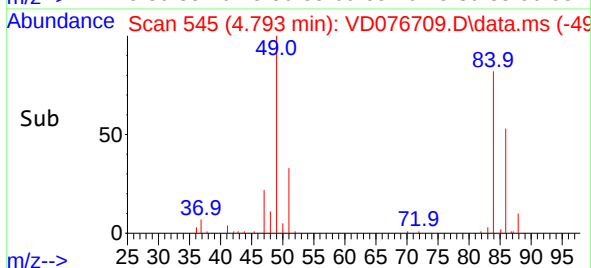
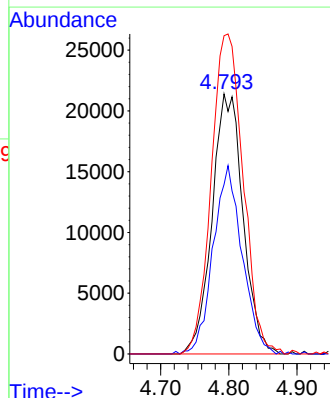
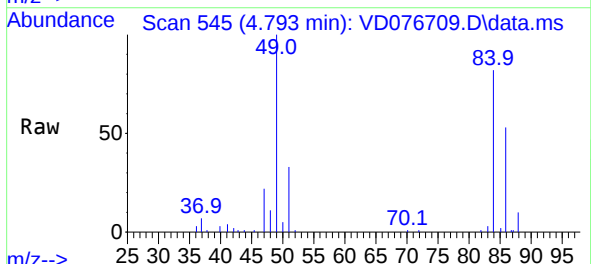
Instrument :
MSVOA_D
ClientSampleId :
A4657

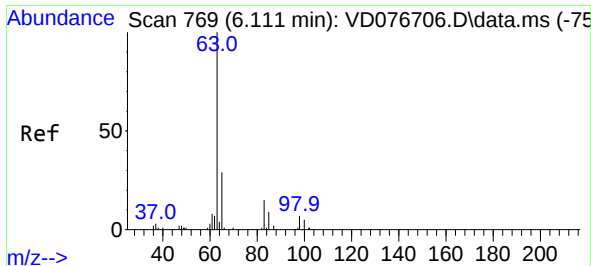
Tgt Ion: 43 Resp: 21106
Ion Ratio Lower Upper
43 100
58 35.7 0.0 67.4



#16
Methylene chloride
Concen: 16.150 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076709.D
Acq: 05 Jul 2023 11:28

Tgt Ion: 84 Resp: 67516
Ion Ratio Lower Upper
84 100
86 65.2 45.1 83.9
49 122.4 97.2 180.6

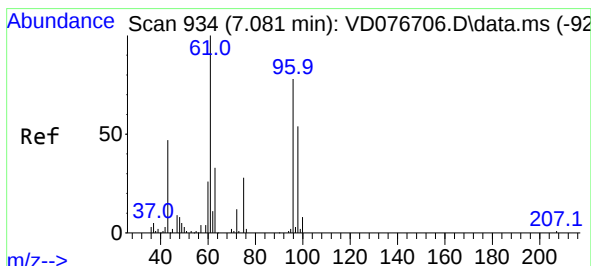
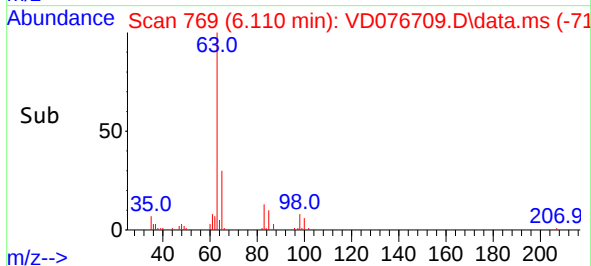
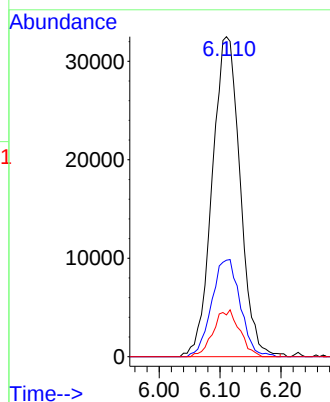
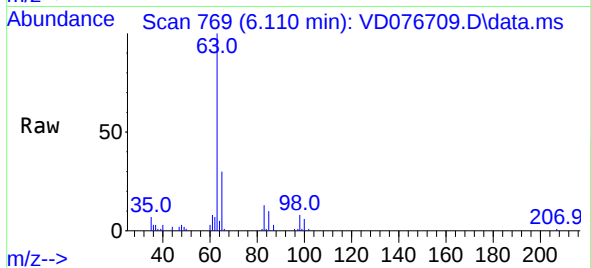




#19
1,1-Dichloroethane
Concen: 16.220 ug/L
RT: 6.110 min Scan# 709
Delta R.T. 0.006 min
Lab File: VD076709.D
Acq: 05 Jul 2023 11:28

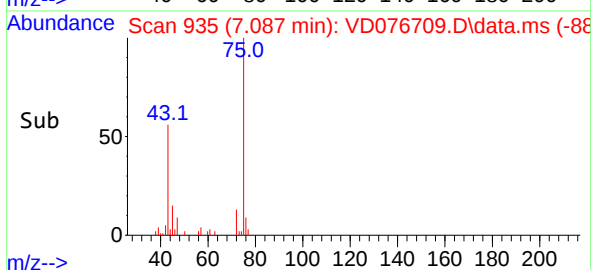
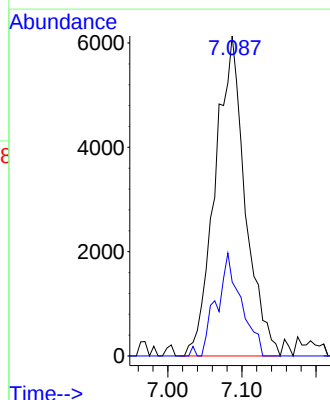
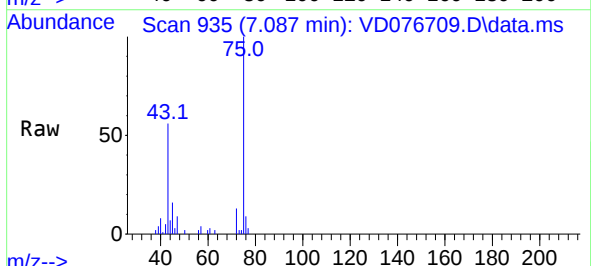
Instrument :
MSVOA_D
ClientSampleId :
A4657

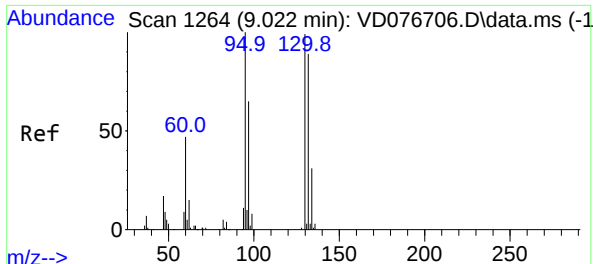
Tgt Ion: 63 Resp: 103203
Ion Ratio Lower Upper
63 100
65 30.2 20.8 38.6
83 13.1 8.9 16.5



#22
2-Butanone
Concen: 15.021 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD076709.D
Acq: 05 Jul 2023 11:28

Tgt Ion: 43 Resp: 17369
Ion Ratio Lower Upper
43 100
72 19.2 12.9 38.7



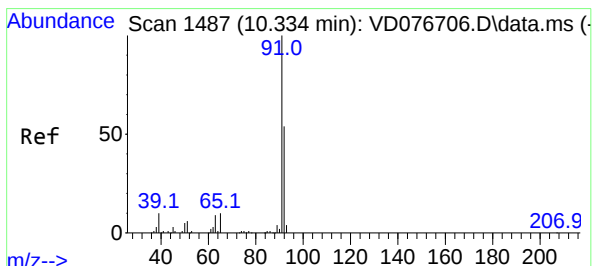
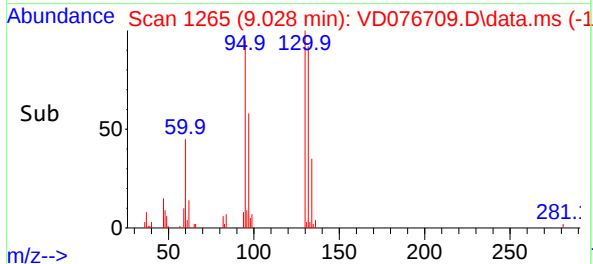
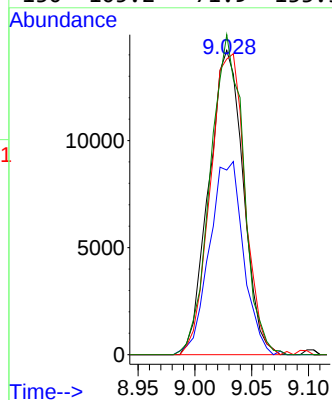
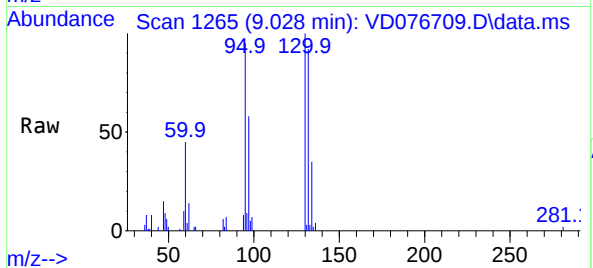


#34
Trichloroethene
Concen: 8.386 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076709.D
Acq: 05 Jul 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
A4657

Tgt Ion: 95 Resp: 29843

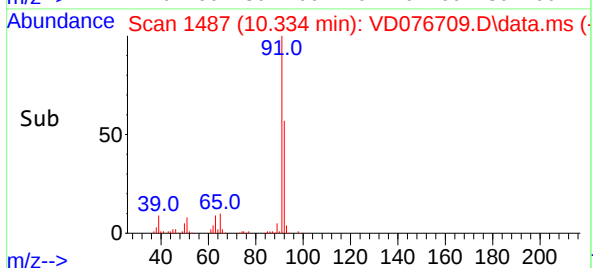
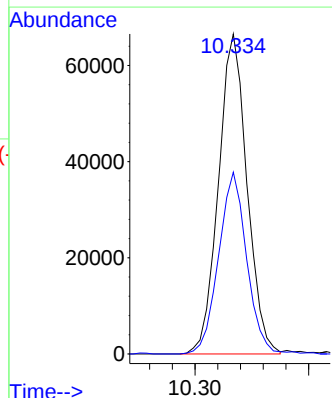
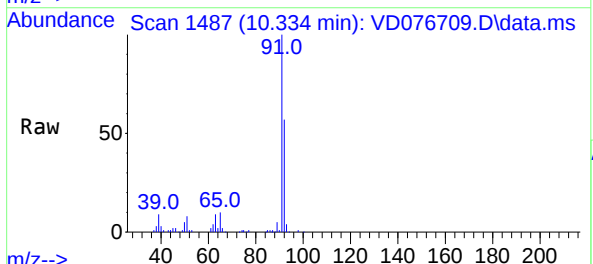
Ion	Ratio	Lower	Upper
95	100		
97	60.7	43.1	80.1
132	97.2	71.8	133.4
130	105.2	71.9	133.5

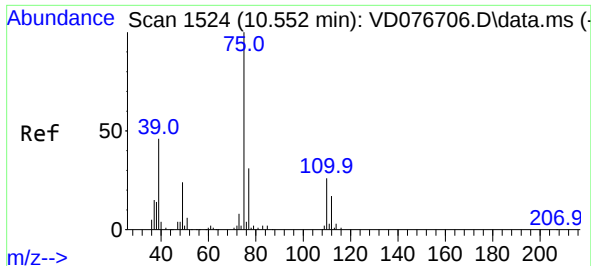


#42
Toluene
Concen: 7.845 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076709.D
Acq: 05 Jul 2023 11:28

Tgt Ion: 91 Resp: 116136

Ion	Ratio	Lower	Upper
91	100		
92	56.8	39.3	73.1

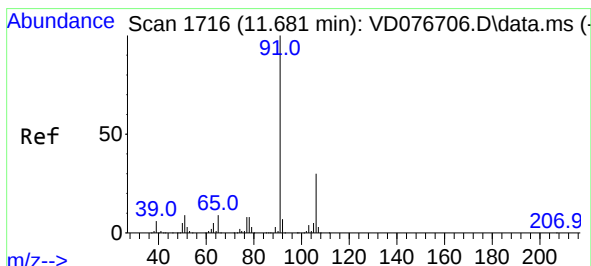
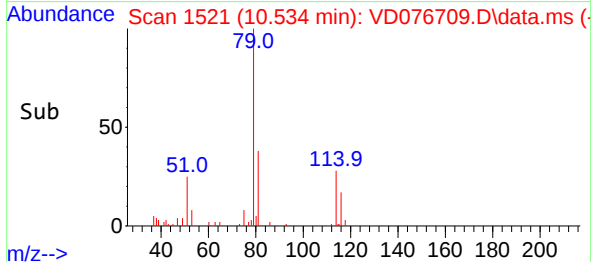
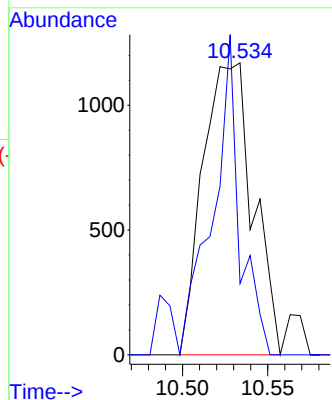
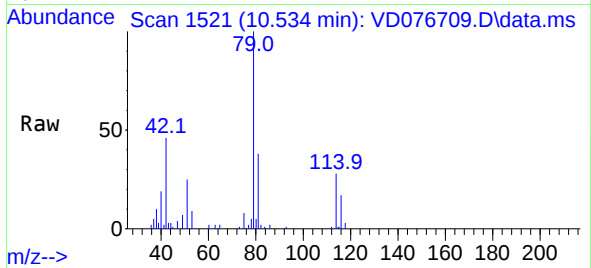




#44
trans-1,3-Dichloropropene
Concen: 0.512 ug/L
RT: 10.534 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD076709.D
Acq: 05 Jul 2023 11:28

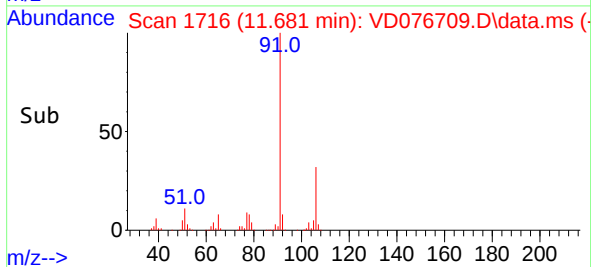
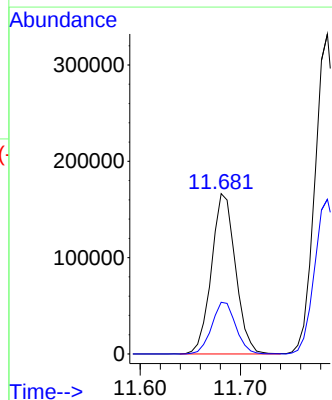
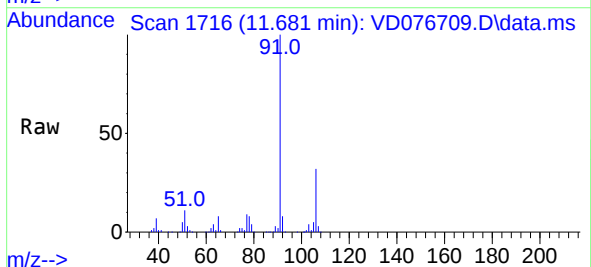
Instrument :
MSVOA_D
ClientSampleId :
A4657

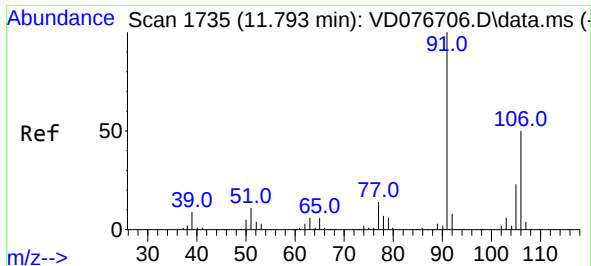
Tgt Ion: 75 Resp: 2399
Ion Ratio Lower Upper
75 100
77 24.4 22.5 41.7



#52
Ethylbenzene
Concen: 17.403 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076709.D
Acq: 05 Jul 2023 11:28

Tgt Ion: 91 Resp: 277699
Ion Ratio Lower Upper
91 100
106 32.2 22.4 41.6





#53
 m,p-Xylene
 Concen: 42.191 ug/L
 RT: 11.787 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076709.D
 Acq: 05 Jul 2023 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:106 Resp: 264581
 Ion Ratio Lower Upper
 106 100
 91 206.7 141.5 262.9

