

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076654.D
 Acq On : 30 Jun 2023 11:25
 Operator : KP/SY
 Sample : 03472-17
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4656

Quant Time: Jul 03 01:29:37 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)

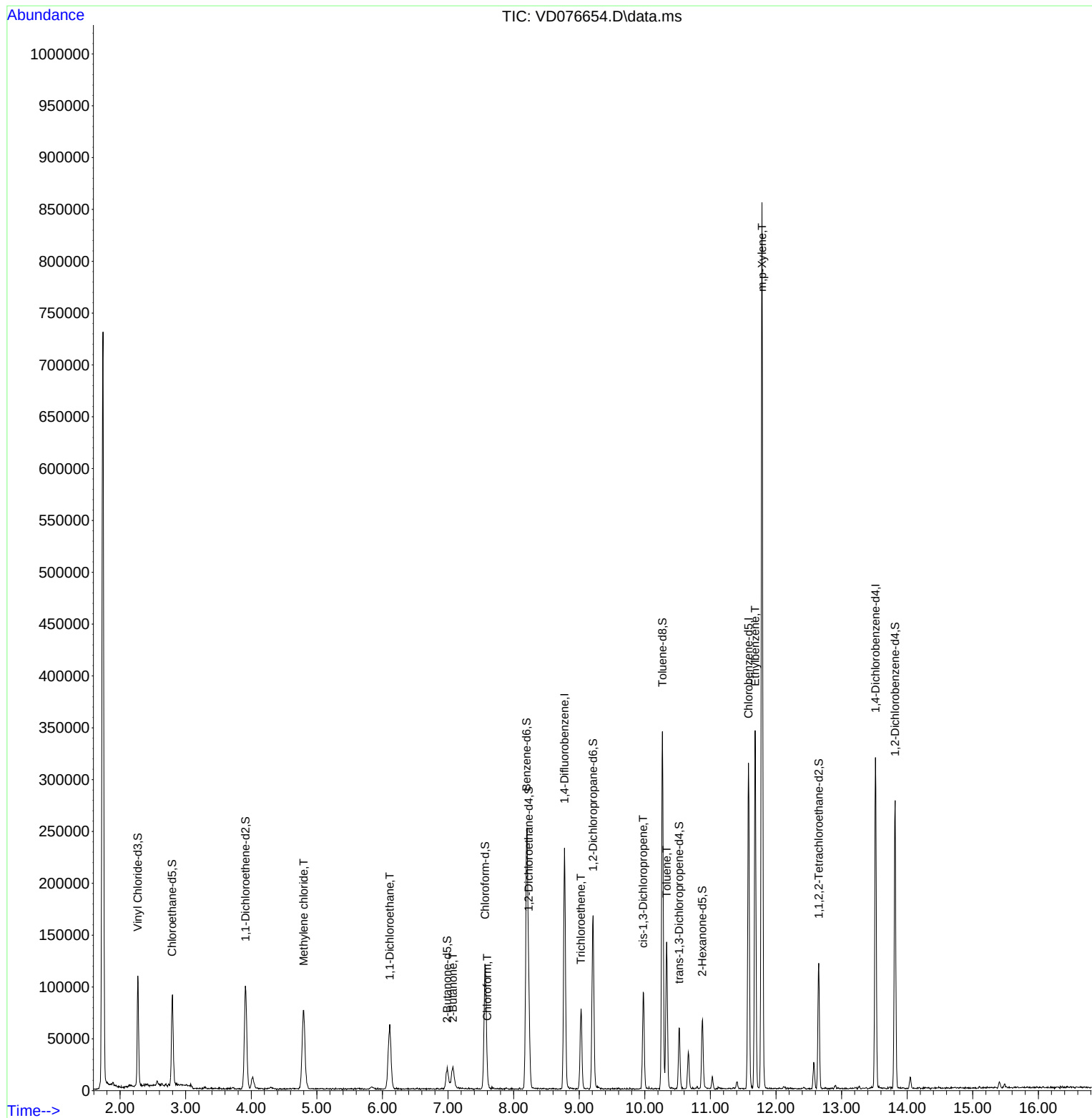
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	197707	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	174043	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	82251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	97296	20.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.840%
7) Chloroethane-d5	2.793	69	84992	21.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	3.911	65	28923	23.013	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.040%
21) 2-Butanone-d5	6.987	46	35997	49.366	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.740%
24) Chloroform-d	7.563	84	120052	23.048	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.228	65	63832	24.841	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.360%
32) Benzene-d6	8.199	84	252882	23.752	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	9.210	67	82169	24.179	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	10.269	98	232043	23.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.160%
43) trans-1,3-Dichloroprop...	10.522	79	31957	22.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.440%
47) 2-Hexanone-d5	10.875	63	23699	44.925	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.860%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60078	24.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	68874	22.845	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.360%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	54804	15.948	ug/L	96
19) 1,1-Dichloroethane	6.110	63	88784	16.976	ug/L	96
22) 2-Butanone	7.075	43	12646	13.305	ug/L	77
25) Chloroform	7.599	83	4206	0.824	ug/L #	67
34) Trichloroethene	9.028	95	25633	8.663	ug/L	98
39) cis-1,3-Dichloropropene	9.975	75	2892	0.603	ug/L #	60
42) Toluene	10.334	91	100914	8.198	ug/L	94
52) Ethylbenzene	11.681	91	241271	18.185	ug/L	100
53) m,p-Xylene	11.787	106	234444	44.964	ug/L	96

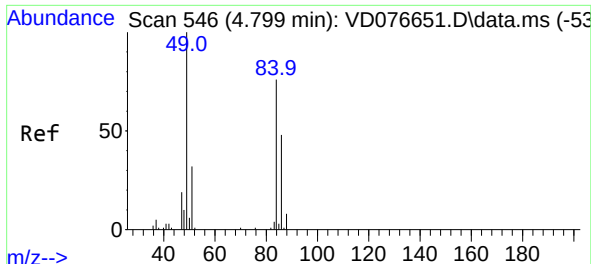
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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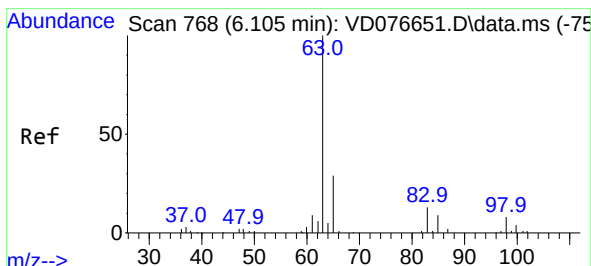
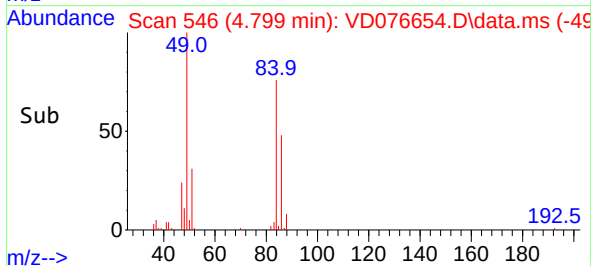
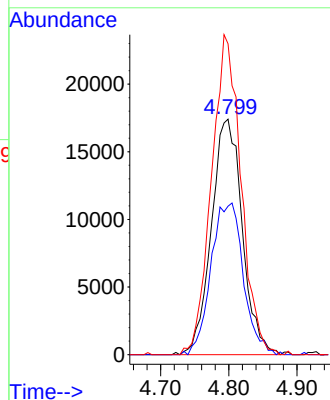
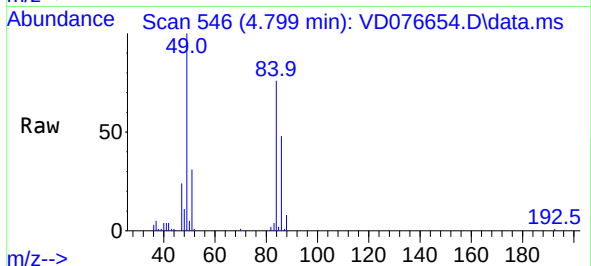




#16
Methylene chloride
Concen: 15.948 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD076654.D
Acq: 30 Jun 2023 11:25

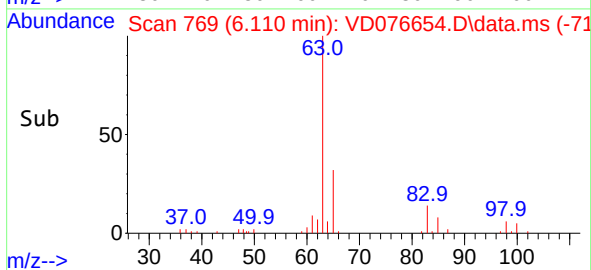
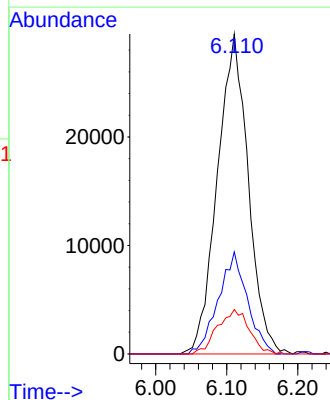
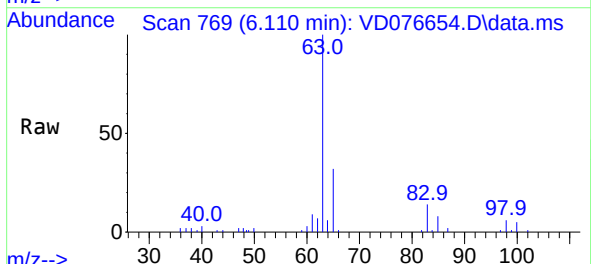
Instrument :
MSVOA_D
ClientSampleId :
A4656

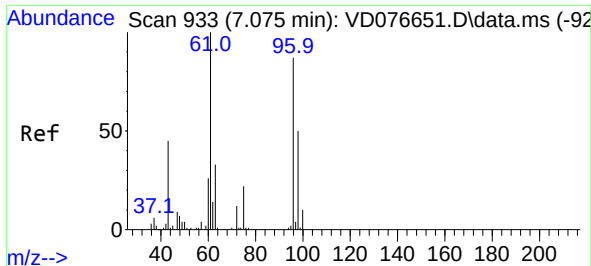
Tgt Ion: 84 Resp: 54804
Ion Ratio Lower Upper
84 100
86 63.1 45.1 83.9
49 132.0 97.2 180.6



#19
1,1-Dichloroethane
Concen: 16.976 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076654.D
Acq: 30 Jun 2023 11:25

Tgt Ion: 63 Resp: 88784
Ion Ratio Lower Upper
63 100
65 31.9 20.8 38.6
83 13.9 8.9 16.5

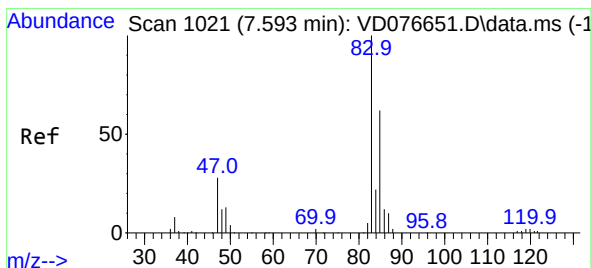
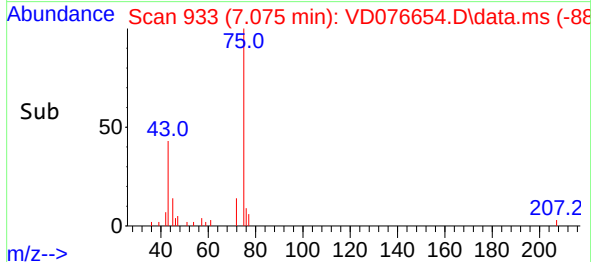
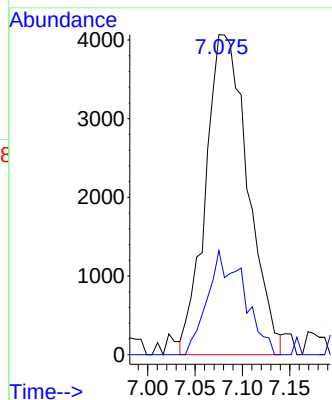
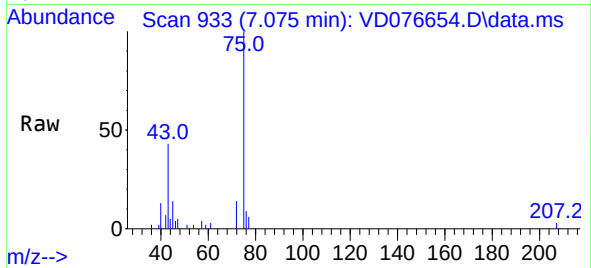




#22
2-Butanone
Concen: 13.305 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076654.D
Acq: 30 Jun 2023 11:25

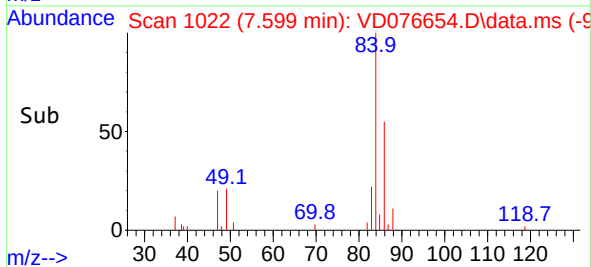
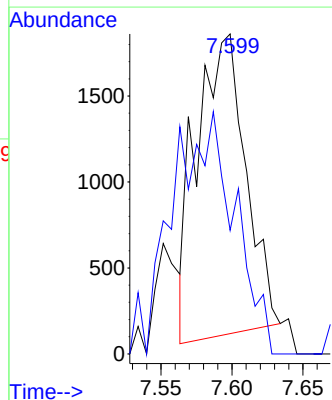
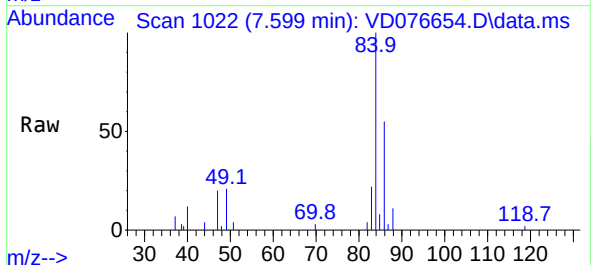
Instrument :
MSVOA_D
ClientSampleId :
A4656

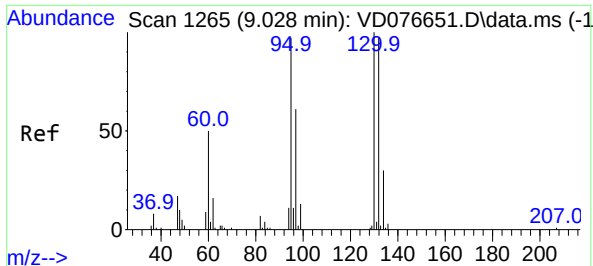
Tgt Ion: 43 Resp: 12646
Ion Ratio Lower Upper
43 100
72 13.9 12.9 38.7



#25
Chloroform
Concen: 0.824 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD076654.D
Acq: 30 Jun 2023 11:25

Tgt Ion: 83 Resp: 4206
Ion Ratio Lower Upper
83 100
85 38.6 45.4 84.4#

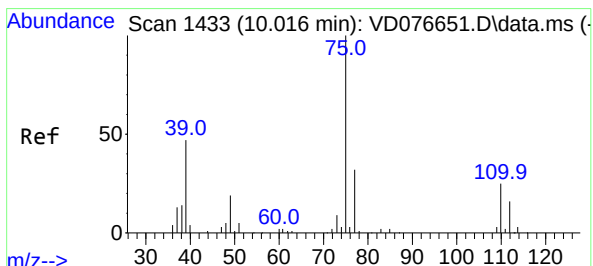
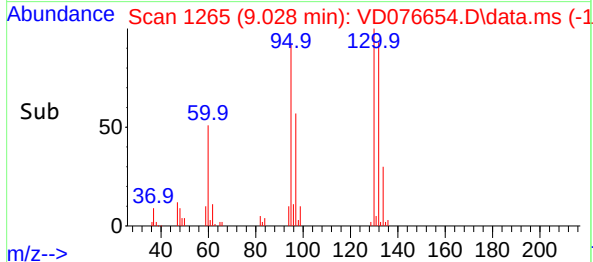
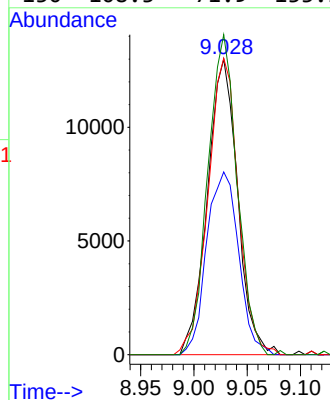
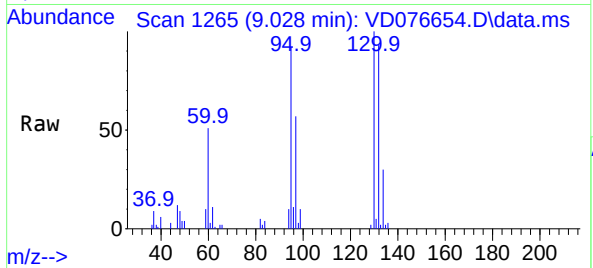




#34
Trichloroethene
Concen: 8.663 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076654.D
Acq: 30 Jun 2023 11:25

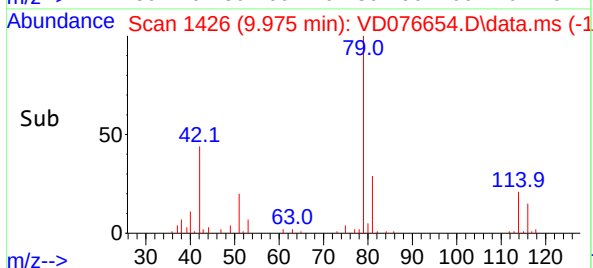
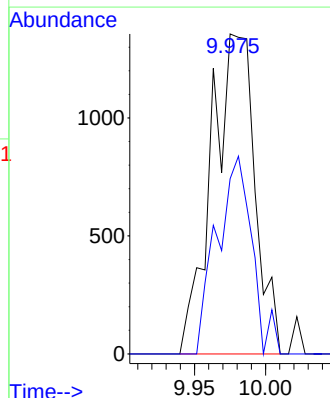
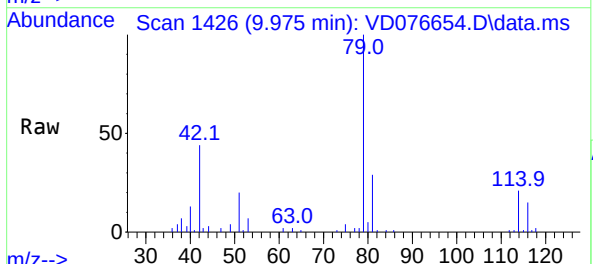
Instrument :
MSVOA_D
ClientSampleId :
A4656

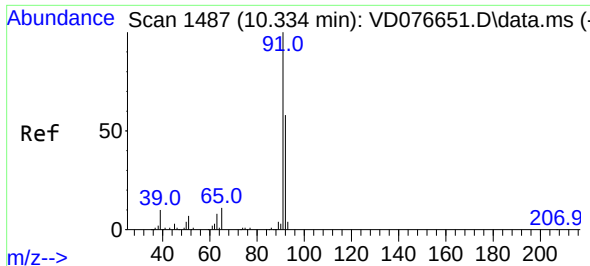
Tgt Ion: 95 Resp: 25633
Ion Ratio Lower Upper
95 100
97 61.9 43.1 80.1
132 102.0 71.8 133.4
130 108.3 71.9 133.5



#39
cis-1,3-Dichloropropene
Concen: 0.603 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076654.D
Acq: 30 Jun 2023 11:25

Tgt Ion: 75 Resp: 2892
Ion Ratio Lower Upper
75 100
77 54.7 22.7 42.3#

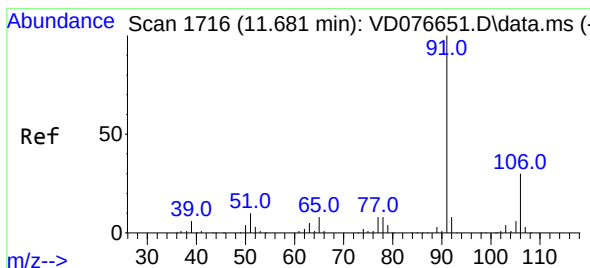
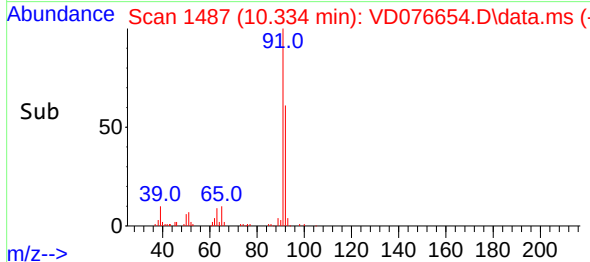
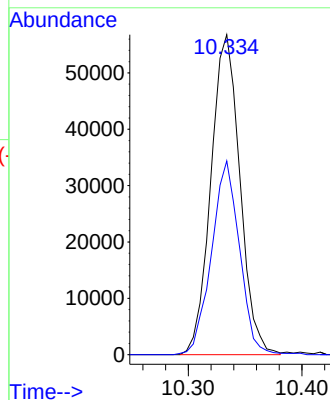
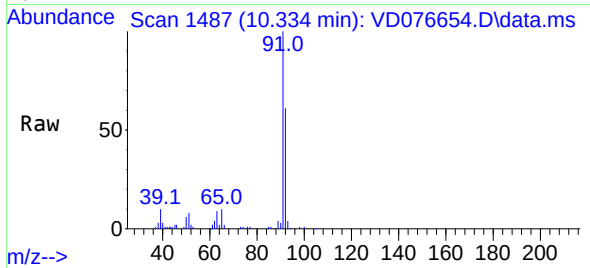




#42
Toluene
Concen: 8.198 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076654.D
Acq: 30 Jun 2023 11:25

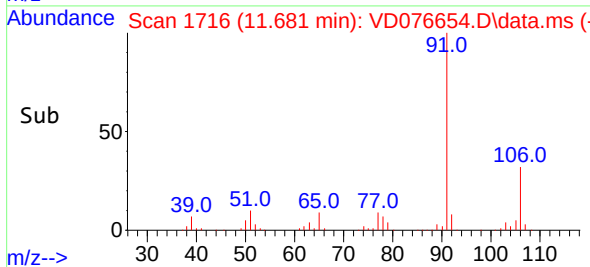
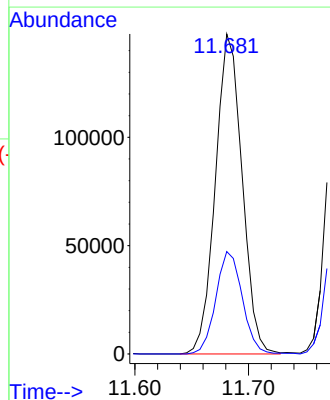
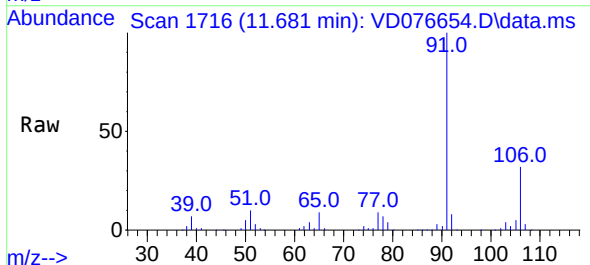
Instrument :
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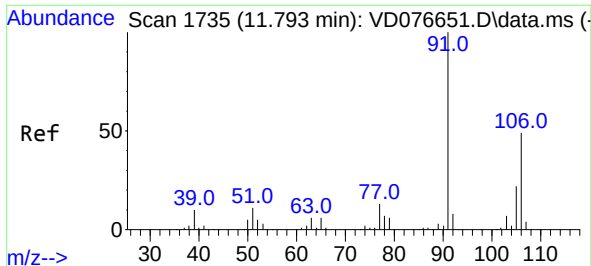
Tgt Ion: 91 Resp: 100914
Ion Ratio Lower Upper
91 100
92 60.6 39.3 73.1



#52
Ethylbenzene
Concen: 18.185 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076654.D
Acq: 30 Jun 2023 11:25

Tgt Ion: 91 Resp: 241271
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6





#53
 m,p-Xylene
 Concen: 44.964 ug/L
 RT: 11.787 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076654.D
 Acq: 30 Jun 2023 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 A4656

Tgt Ion:106 Resp: 234444
 Ion Ratio Lower Upper
 106 100
 91 196.1 141.5 262.9

