

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076698.D
 Acq On : 03 Jul 2023 17:48
 Operator : KP/SY
 Sample : 03444-17RE
 Misc : 4.13G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46X8RE

Quant Time: Jul 04 01:11:45 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)

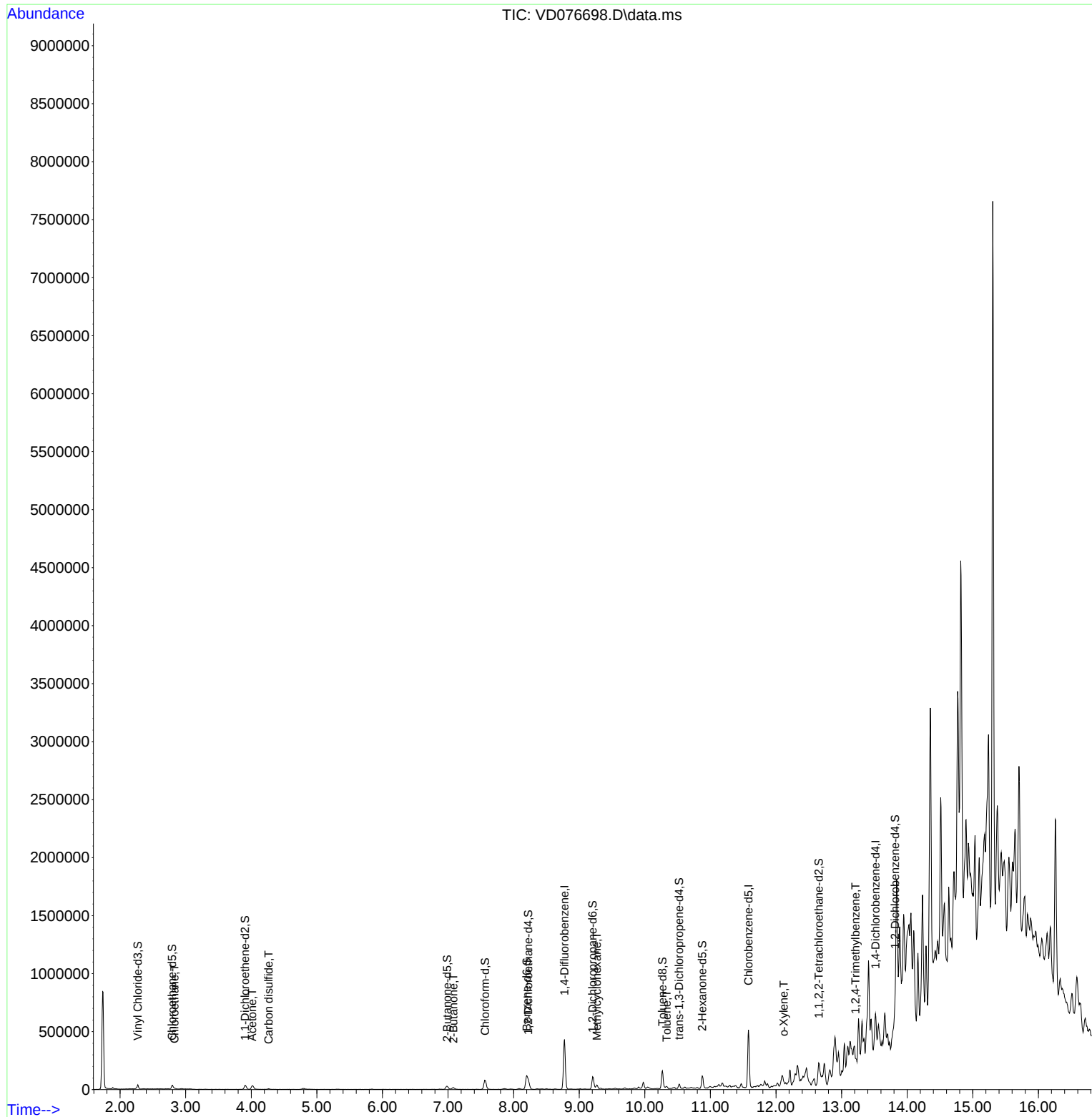
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	371366	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	278669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	95315	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	26116	2.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	11.560%#
7) Chloroethane-d5	2.793	69	32540	4.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	17.800%#
11) 1,1-Dichloroethene-d2	3.905	65	9449	4.003	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	16.000%#
21) 2-Butanone-d5	6.987	46	51459	37.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.140%
24) Chloroform-d	7.563	84	83414	8.526	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	34.120%#
26) 1,2-Dichloroethane-d4	8.222	65	47614	9.865	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	39.440%#
32) Benzene-d6	8.199	84	117839	6.913	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	27.640%
36) 1,2-Dichloropropane-d6	9.204	67	49670	9.128	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	36.520%#
41) Toluene-d8	10.269	98	92300	5.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	23.400%#
43) trans-1,3-Dichloroprop...	10.522	79	21219	9.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	37.520%
47) 2-Hexanone-d5	10.875	63	35114	41.573	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60269	15.569	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	33060	9.463	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	37.840%#
Target Compounds						
					Qvalue	
8) Chloroethane	2.828	64	4472	0.703	ug/L #	81
13) Acetone	4.017	43	54903	49.629	ug/L	99
14) Carbon disulfide	4.264	76	8870	0.508	ug/L #	77
22) 2-Butanone	7.081	43	25587	14.332	ug/L	86
35) Methylcyclohexane	9.269	83	13075	1.711	ug/L #	92
42) Toluene	10.334	91	15586	0.791	ug/L	94
54) o-Xylene	12.116	106	2435	0.306	ug/L	62
63) 1,2,4-Trimethylbenzene	13.210	105	9917	0.862	ug/L	99

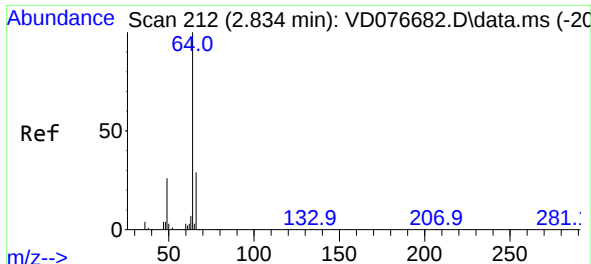
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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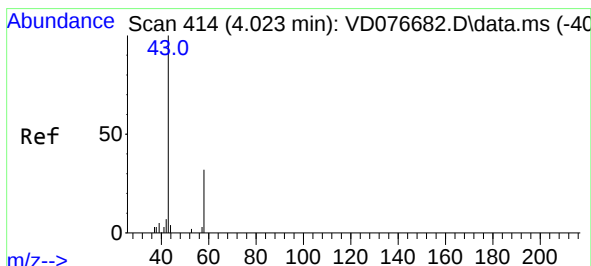
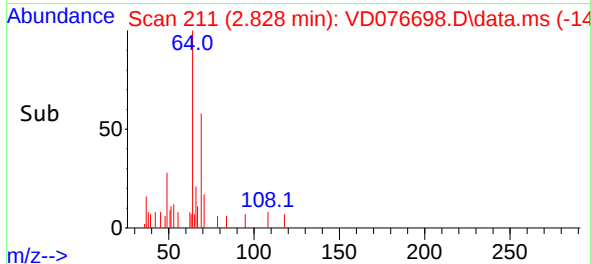
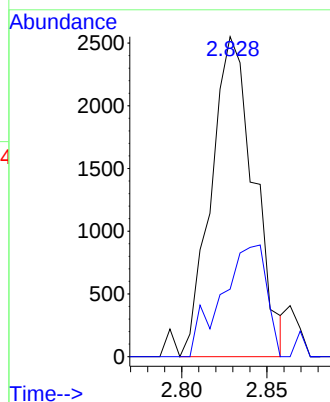
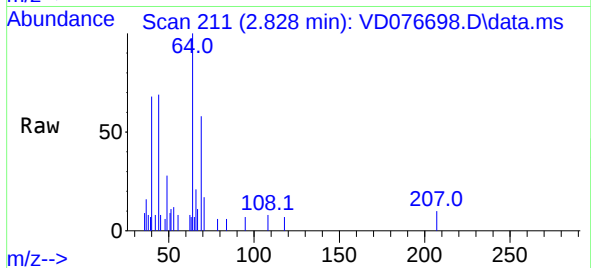




#8
Chloroethane
Concen: 0.703 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076698.D
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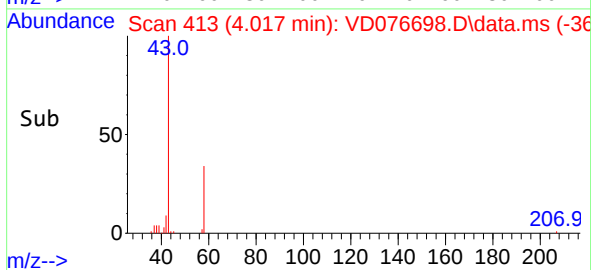
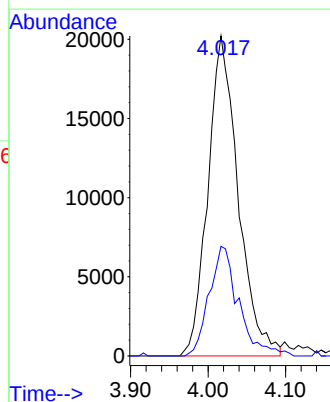
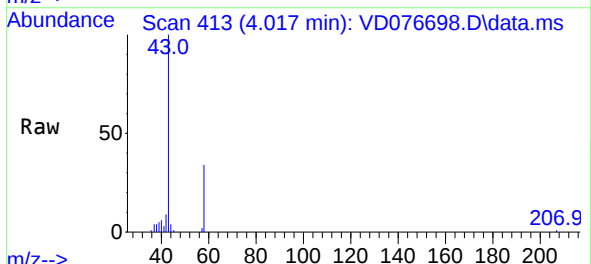
Instrument :
MSVOA_D
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A46X8RE

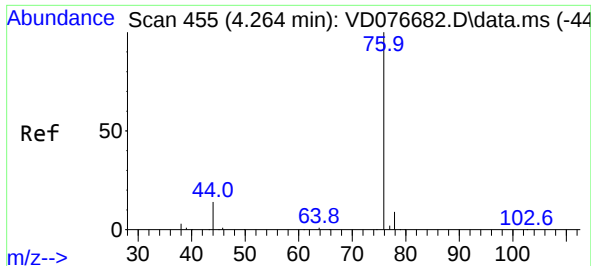
Tgt Ion: 64 Resp: 4472
Ion Ratio Lower Upper
64 100
66 21.1 22.1 41.1#



#13
Acetone
Concen: 49.629 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076698.D
Acq: 03 Jul 2023 17:48

Tgt Ion: 43 Resp: 54903
Ion Ratio Lower Upper
43 100
58 33.4 0.0 67.4

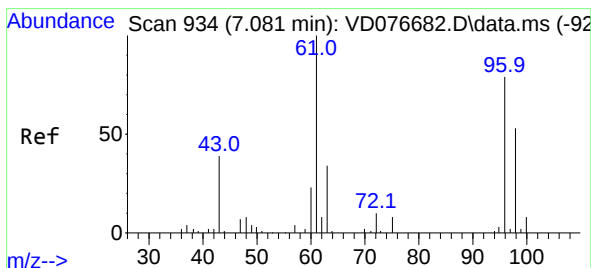
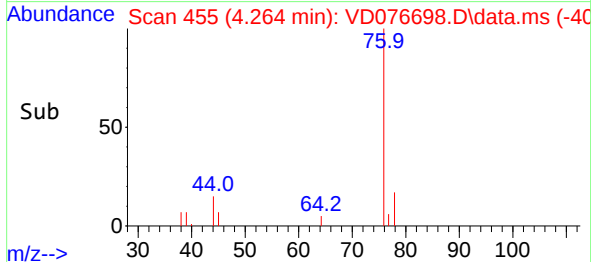
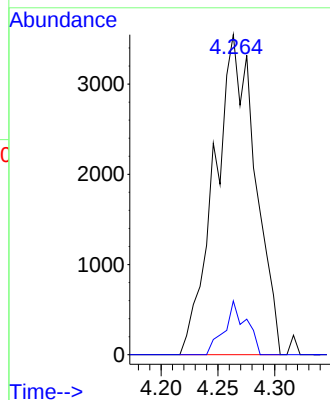
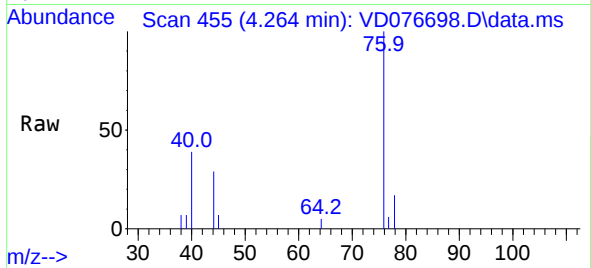




#14
Carbon disulfide
Concen: 0.508 ug/L
RT: 4.264 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076698.D
Acq: 03 Jul 2023 17:48

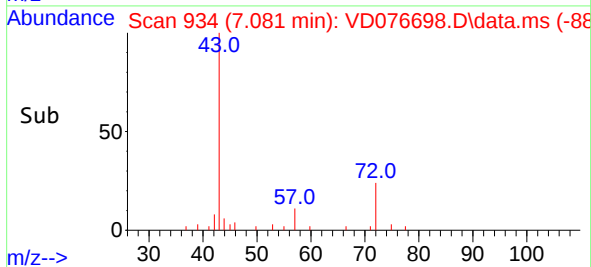
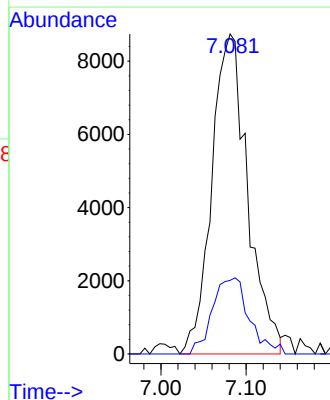
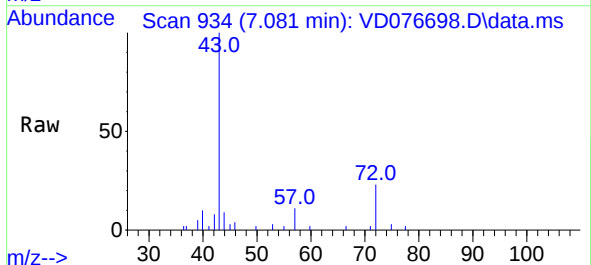
Instrument :
MSVOA_D
ClientSampleId :
A46X8RE

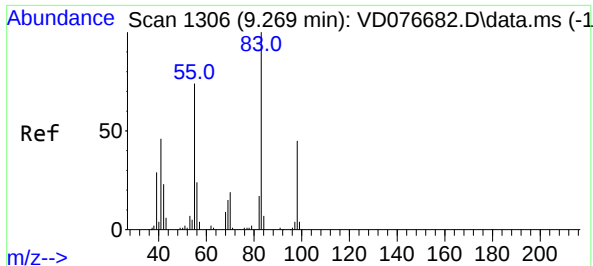
Tgt Ion: 76 Resp: 8870
Ion Ratio Lower Upper
76 100
78 16.8 7.0 10.4#



#22
2-Butanone
Concen: 14.332 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076698.D
Acq: 03 Jul 2023 17:48

Tgt Ion: 43 Resp: 25587
Ion Ratio Lower Upper
43 100
72 18.7 12.9 38.7

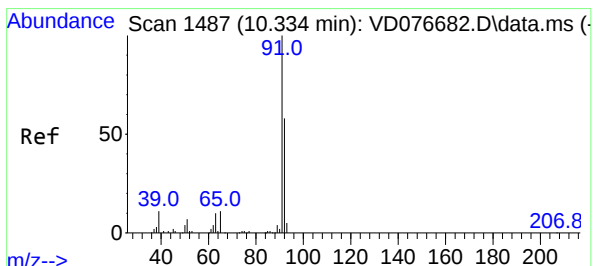
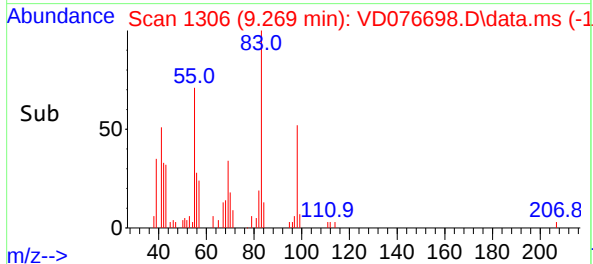
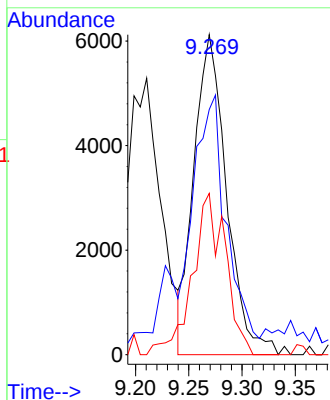
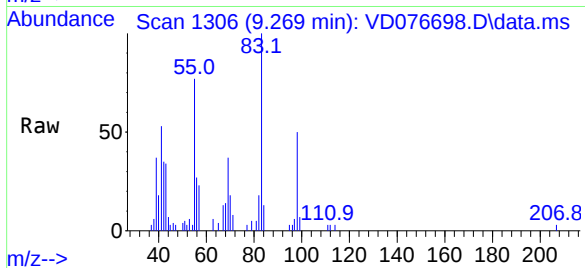




#35
Methylcyclohexane
Concen: 1.711 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076698.D
Acq: 03 Jul 2023 17:48

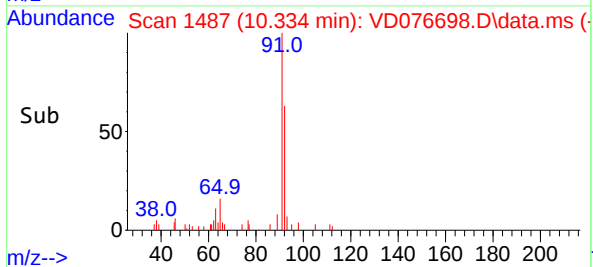
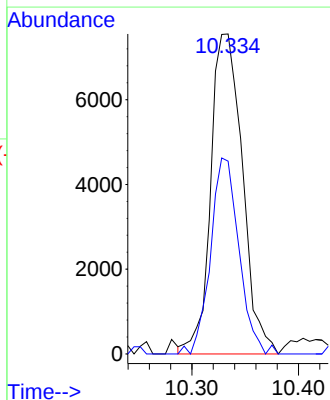
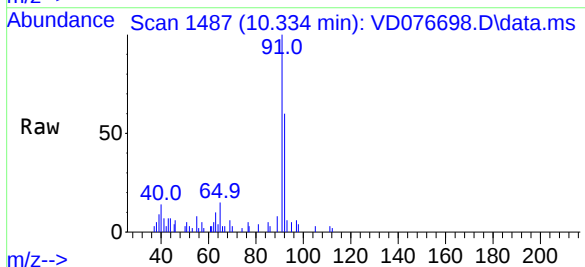
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MSVOA_D
ClientSampleId :
A46X8RE

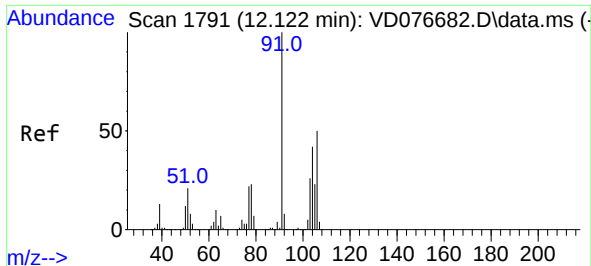
Tgt Ion: 83	Resp: 13075
Ion Ratio	Lower Upper
83 100	
55 73.6	59.8 89.6
98 35.1	37.8 56.6#



#42
Toluene
Concen: 0.791 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076698.D
Acq: 03 Jul 2023 17:48

Tgt Ion: 91	Resp: 15586
Ion Ratio	Lower Upper
91 100	
92 60.2	39.3 73.1

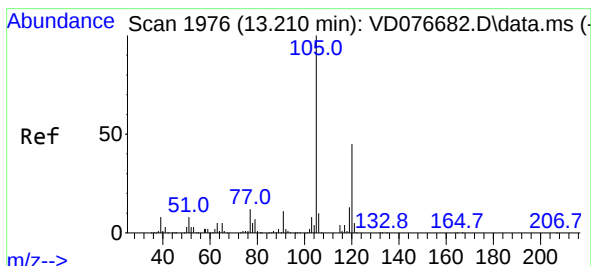
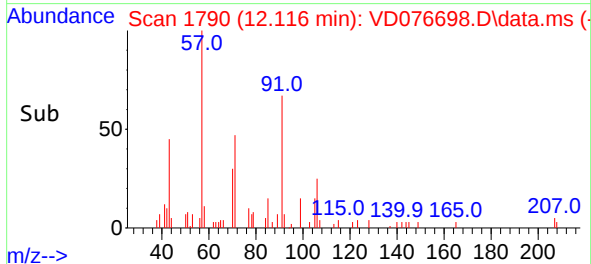
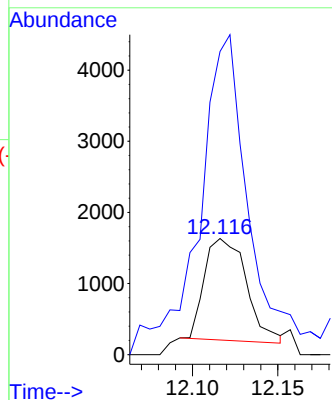
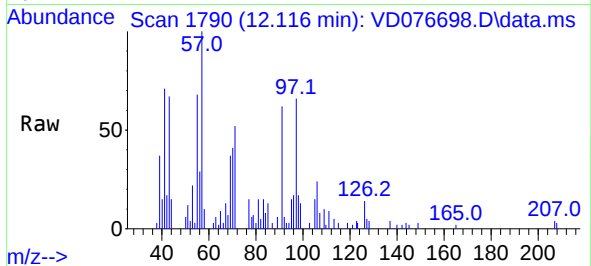




#54
o-Xylene
Concen: 0.306 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076698.D
Acq: 03 Jul 2023 17:48

Instrument :
MSVOA_D
ClientSampleId :
A46X8RE

Tgt Ion:106 Resp: 2435
Ion Ratio Lower Upper
106 100
91 261.0 142.2 264.2



#63
1,2,4-Trimethylbenzene
Concen: 0.862 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076698.D
Acq: 03 Jul 2023 17:48

Tgt Ion:105 Resp: 9917
Ion Ratio Lower Upper
105 100
120 47.3 37.5 56.3

