

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051535.D
 Acq On : 27 Oct 2022 05:29
 Operator : JC/MD
 Sample : VIBLK125
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK125

Quant Time: Oct 27 08:28:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

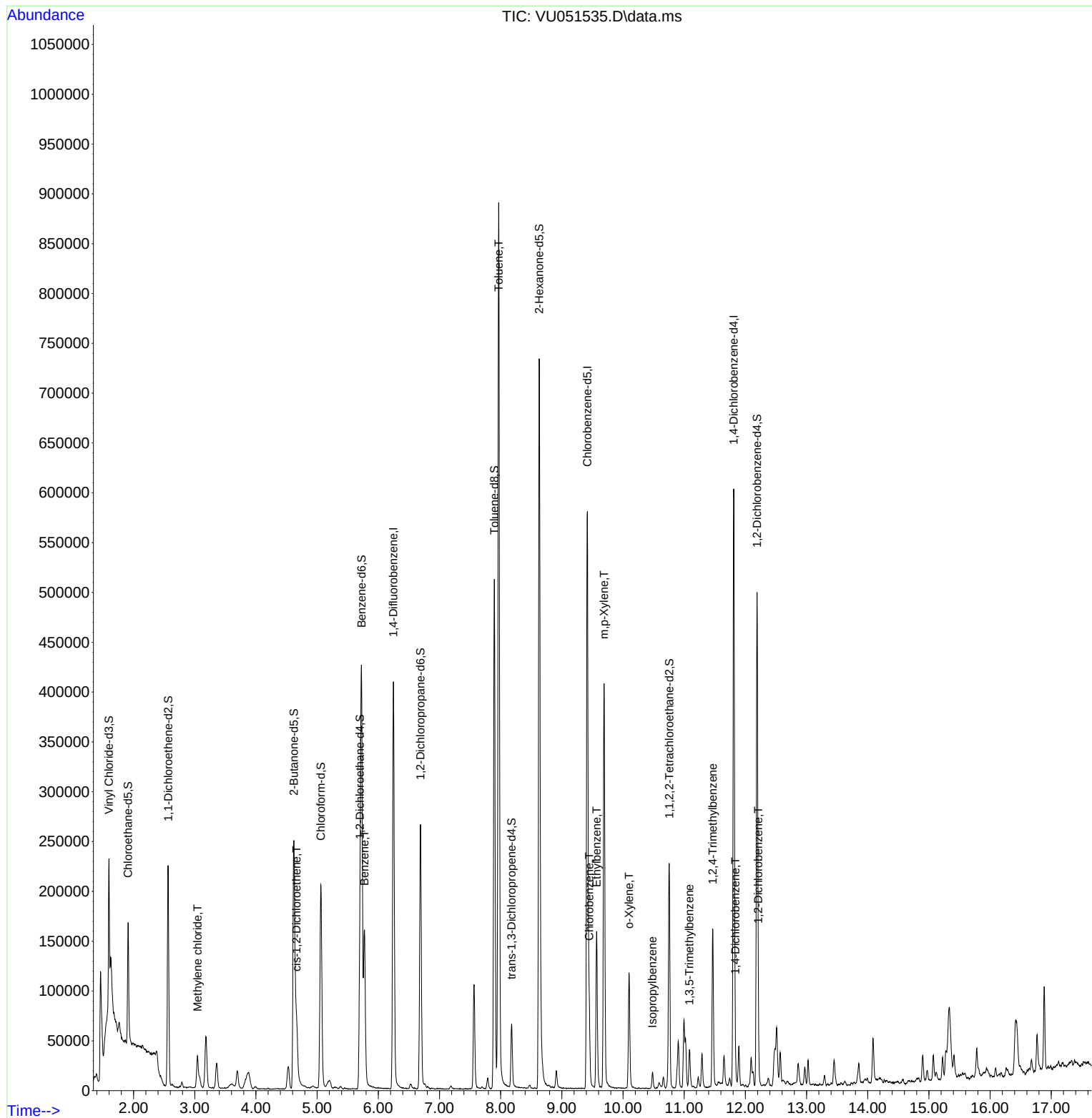
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	350064	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	340195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	168218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	109933	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.909	69	96857	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.565	65	42354	3.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.620	46	320368	51.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.060%
24) Chloroform-d	5.060	84	195897	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	5.700	65	103075	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
32) Benzene-d6	5.726	84	419550	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.690	67	135949	4.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.896	98	352744	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.179	79	38886	3.724	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.629	63	271144	77.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	154.080%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	115190	4.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	132811	4.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	15654	0.415	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	26807	0.901	ug/L	93
33) Benzene	5.774	78	157939	1.391	ug/L	100
42) Toluene	7.967	91	688595	5.712	ug/L	100
51) Chlorobenzene	9.446	112	44098	0.612	ug/L	98
52) Ethylbenzene	9.568	91	114133	1.054	ug/L	91
53) m,p-Xylene	9.690	106	120257	2.862	ug/L	97
54) o-Xylene	10.099	106	32063	0.807	ug/L	95
60) Isopropylbenzene	10.481	105	10637	0.100	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	20008	0.708	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	90489	1.132	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	6339	0.122	ug/L	90
67) 1,2-Dichlorobenzene	12.211	146	8304	0.162	ug/L	96

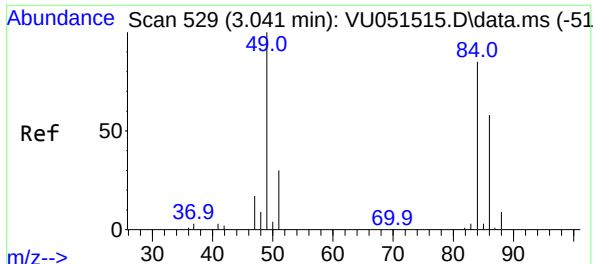
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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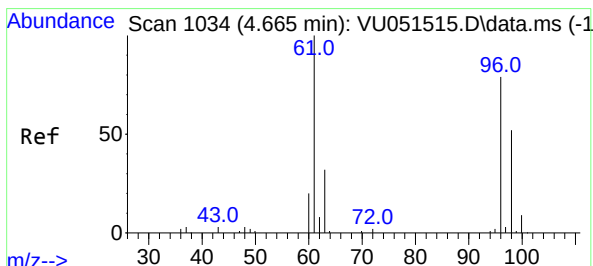
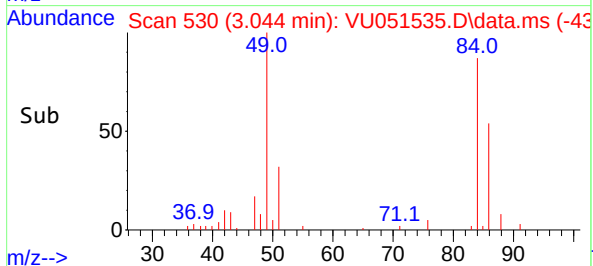
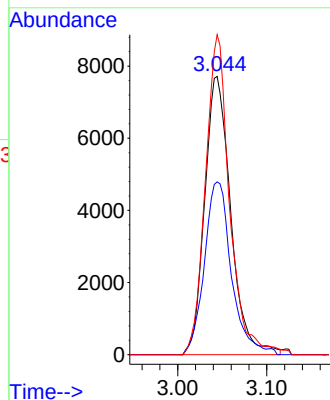
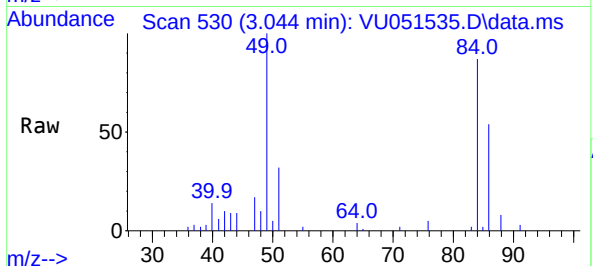




#16
Methylene chloride
Concen: 0.415 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

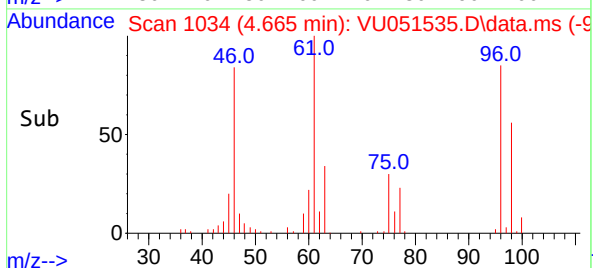
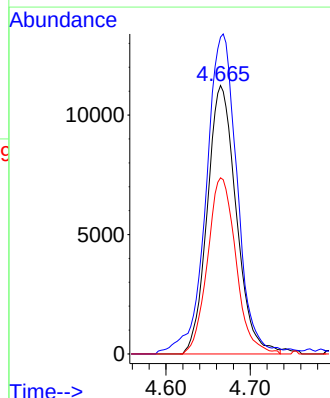
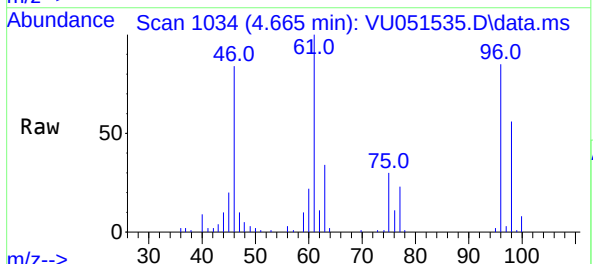
Instrument :
MSVOA_U
ClientSampleId :
VIBLK125

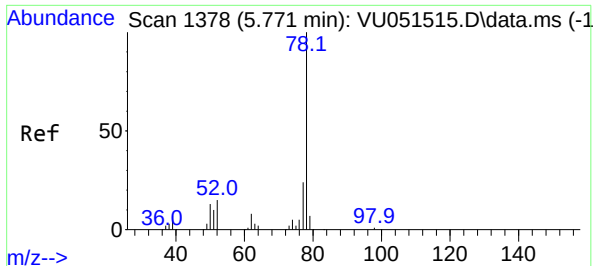
Tgt Ion: 84 Resp: 15654
Ion Ratio Lower Upper
84 100
86 62.1 46.5 86.3
49 115.0 81.3 151.1



#22
cis-1,2-Dichloroethene
Concen: 0.901 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

Tgt Ion: 96 Resp: 26807
Ion Ratio Lower Upper
96 100
61 118.0 90.6 168.2
98 65.6 47.5 88.3

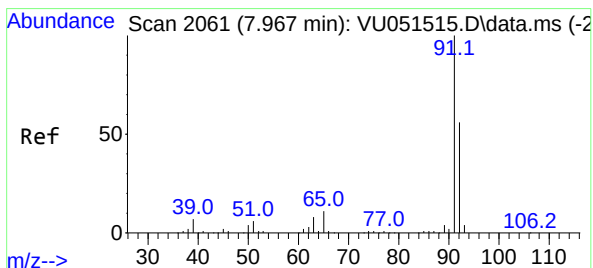
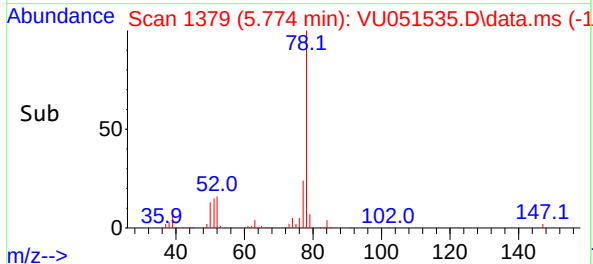
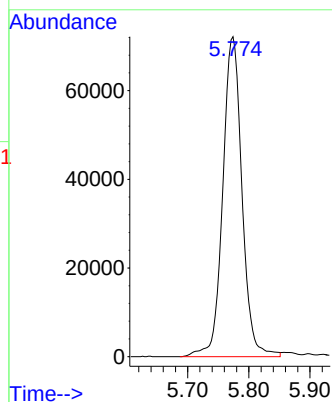
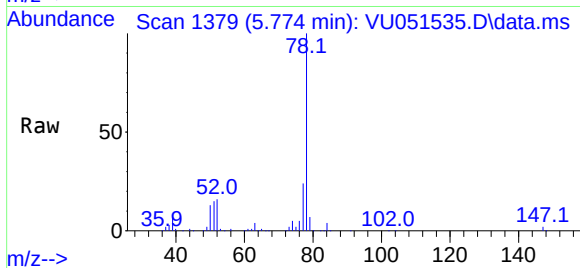




#33
Benzene
Concen: 1.391 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

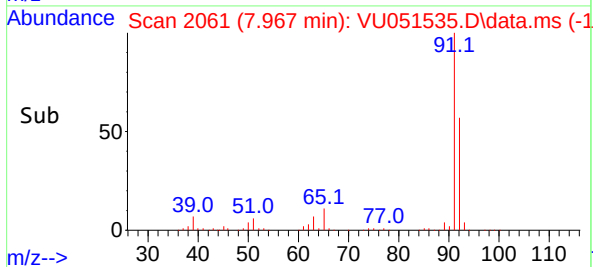
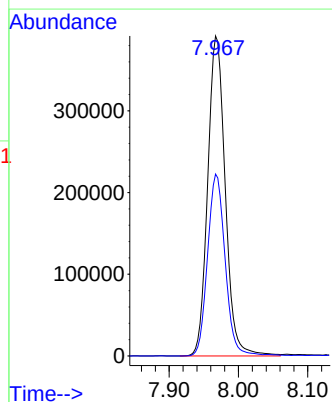
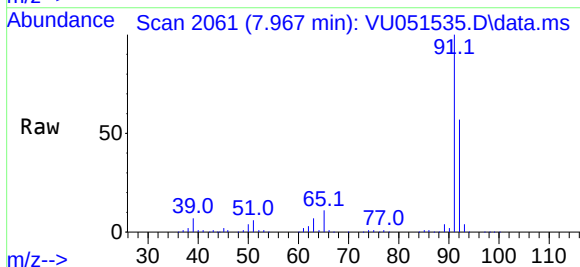
Instrument :
MSVOA_U
ClientSampleId :
VIBLK125

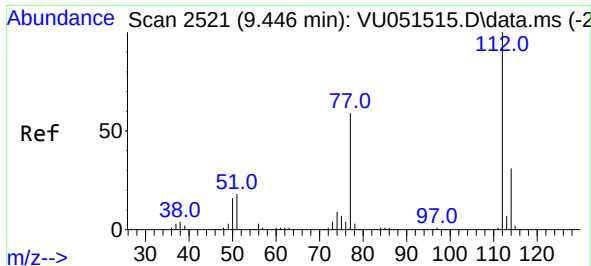
Tgt Ion: 78 Resp: 157939



#42
Toluene
Concen: 5.712 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

Tgt Ion: 91 Resp: 688595
Ion Ratio Lower Upper
91 100
92 56.8 39.9 74.1

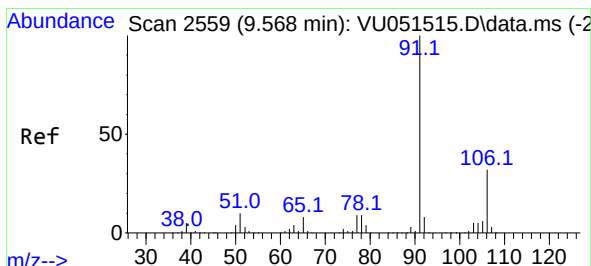
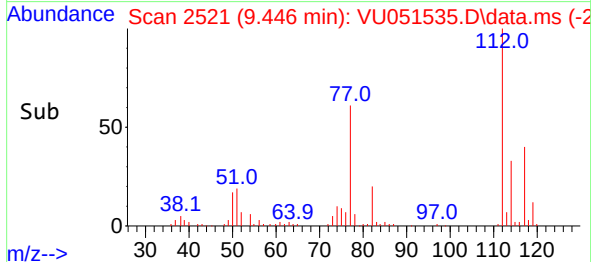
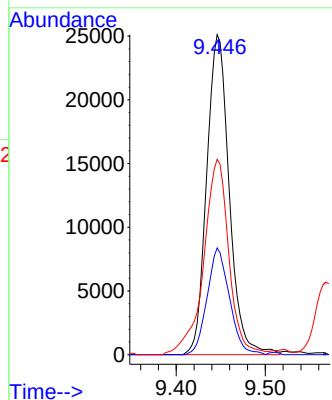
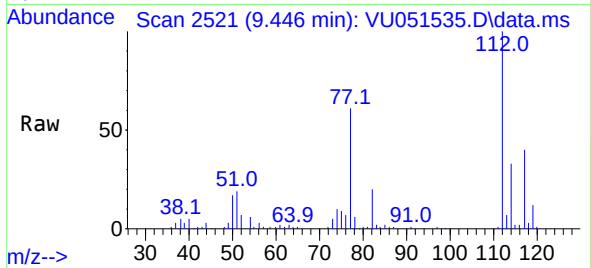




#51
Chlorobenzene
Concen: 0.612 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

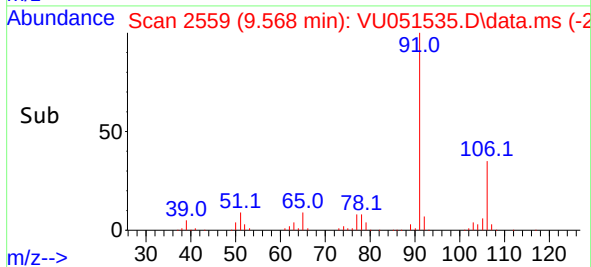
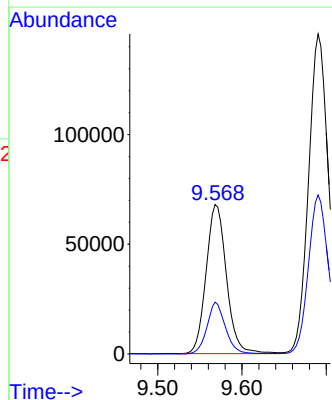
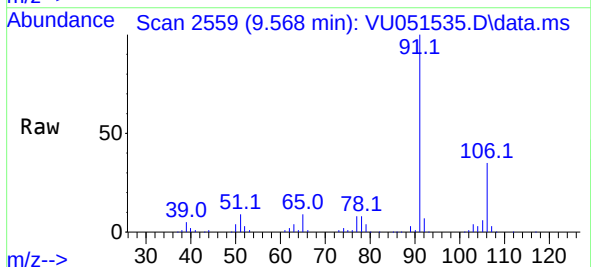
Instrument :
MSVOA_U
ClientSampleId :
VIBLK125

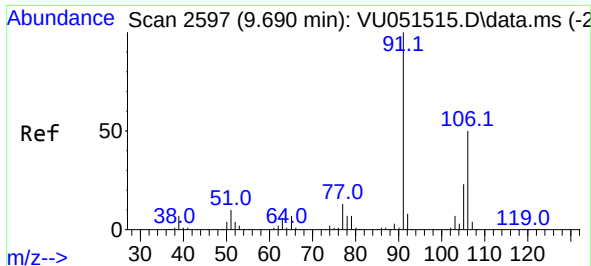
Tgt Ion:112 Resp: 44098
Ion Ratio Lower Upper
112 100
114 33.3 22.3 41.5
77 61.1 48.1 72.1



#52
Ethylbenzene
Concen: 1.054 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

Tgt Ion: 91 Resp: 114133
Ion Ratio Lower Upper
91 100
106 34.7 20.9 38.7

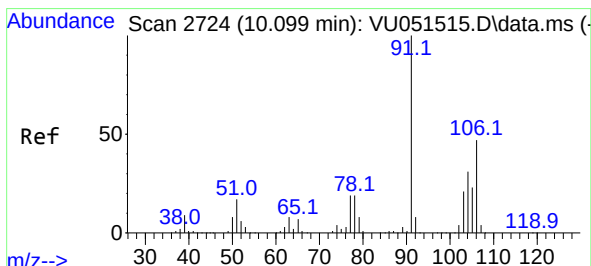
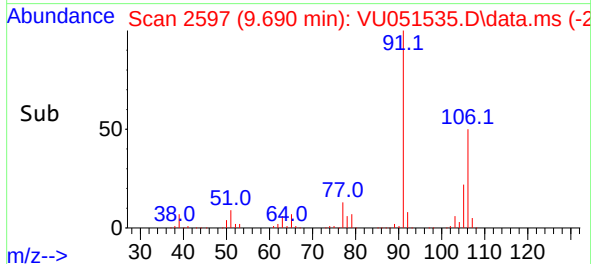
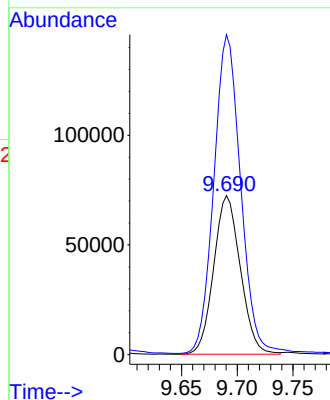
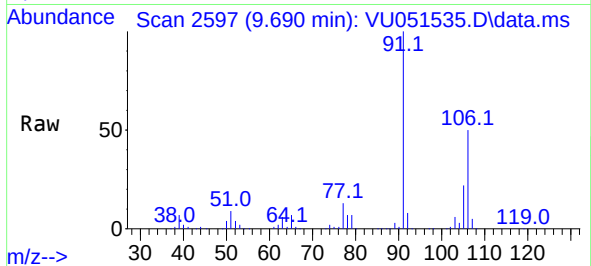




#53
m,p-Xylene
Concen: 2.862 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

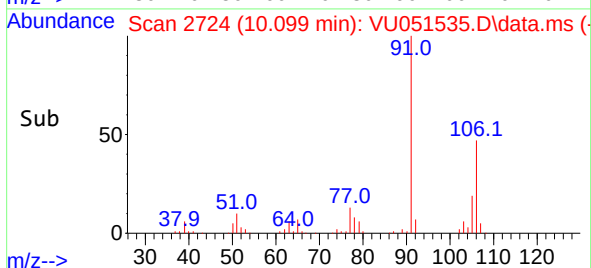
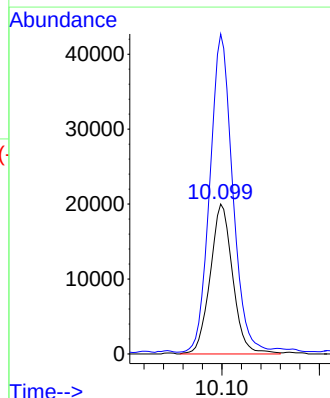
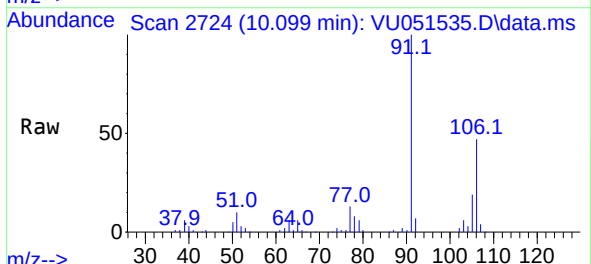
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ClientSampleId :
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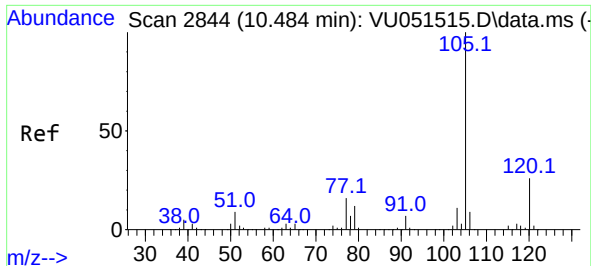
Tgt Ion:106 Resp: 120257
Ion Ratio Lower Upper
106 100
91 201.2 143.9 267.3



#54
o-Xylene
Concen: 0.807 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

Tgt Ion:106 Resp: 32063
Ion Ratio Lower Upper
106 100
91 213.3 154.4 286.8

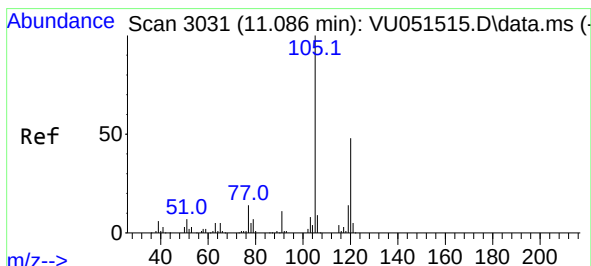
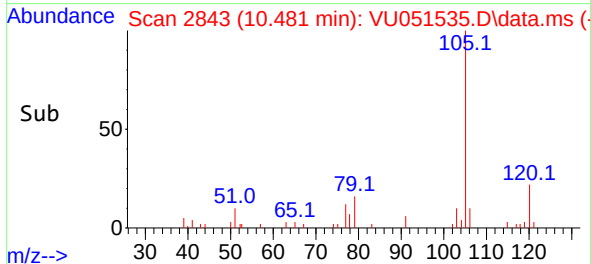
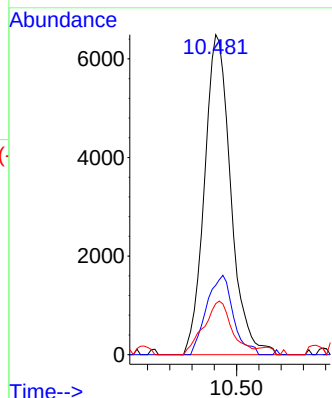
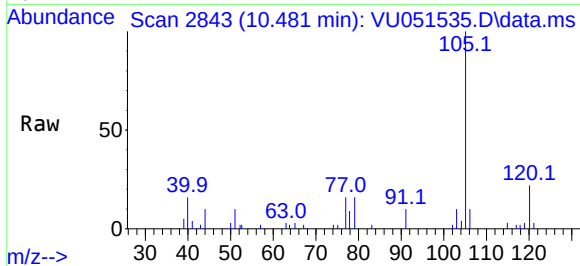




#60
Isopropylbenzene
Concen: 0.100 ug/L
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

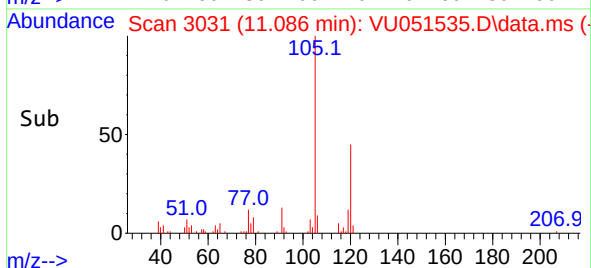
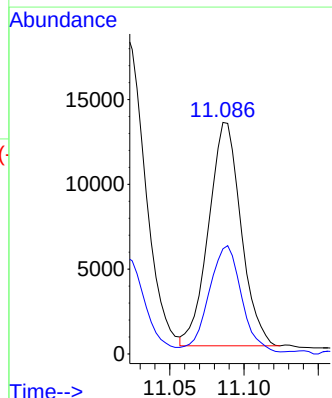
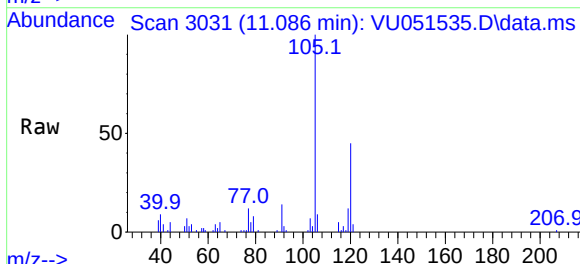
Instrument :
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ClientSampleId :
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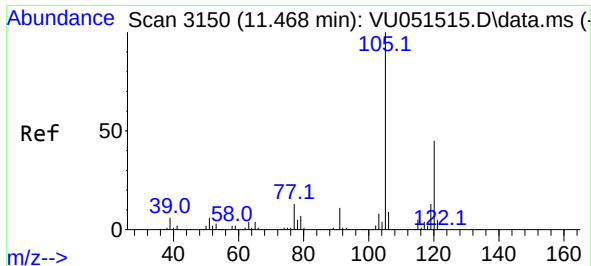
Tgt Ion:105	Resp:	10637
Ion Ratio	Lower	Upper
105	100	
120	25.1	20.6 30.8
77	18.0	13.5 20.3



#62
1,3,5-Trimethylbenzene
Concen: 0.708 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

Tgt Ion:105	Resp:	20008
Ion Ratio	Lower	Upper
105	100	
120	47.6	37.7 56.5

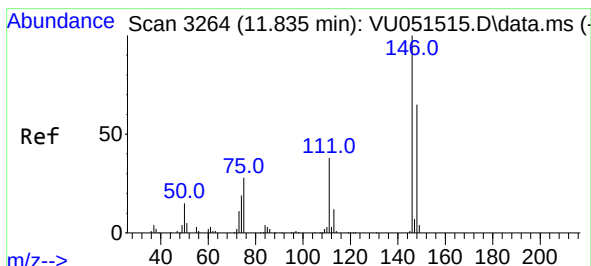
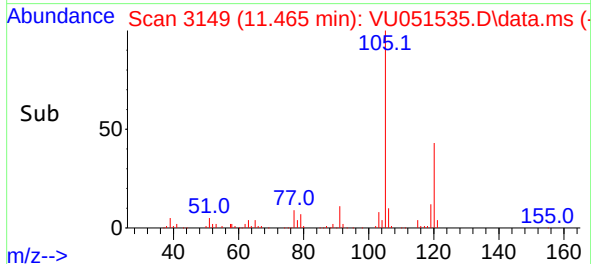
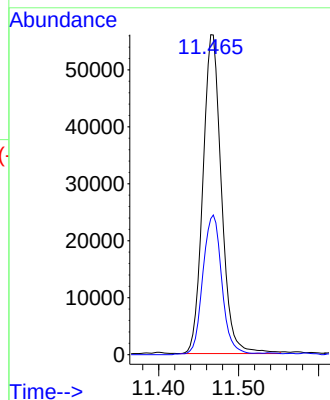
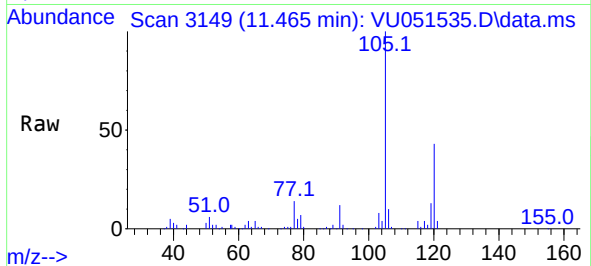




#63
1,2,4-Trimethylbenzene
Concen: 1.132 ug/L
RT: 11.465 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

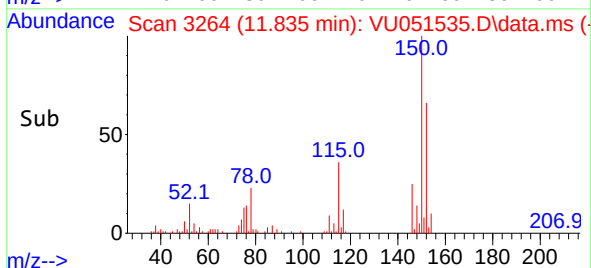
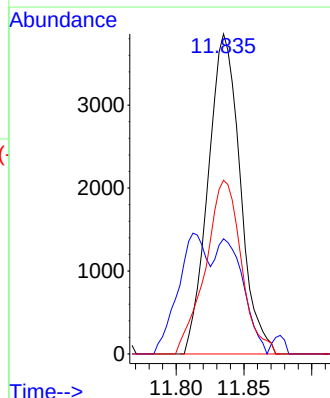
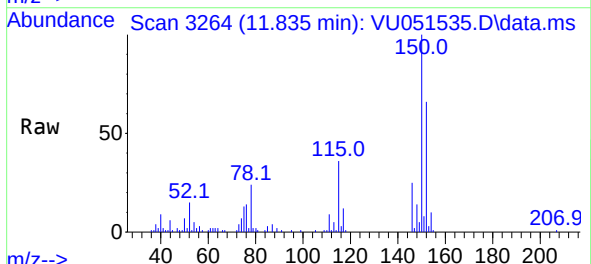
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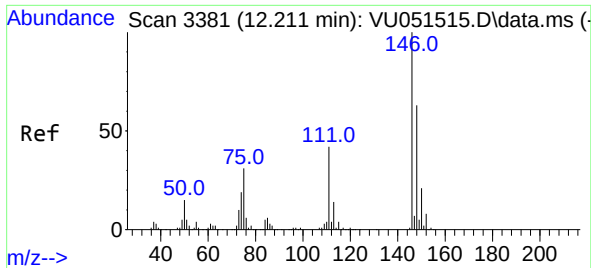
Tgt Ion:105 Resp: 90489
Ion Ratio Lower Upper
105 100
120 44.9 35.6 53.4



#65
1,4-Dichlorobenzene
Concen: 0.122 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051535.D
Acq: 27 Oct 2022 05:29

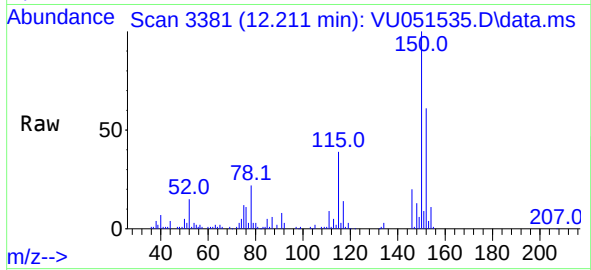
Tgt Ion:146 Resp: 6339
Ion Ratio Lower Upper
146 100
111 36.0 29.1 54.1
148 54.3 44.2 82.0





#67
 1,2-Dichlorobenzene
 Concen: 0.162 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051535.D
 Acq: 27 Oct 2022 05:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK125



Tgt Ion:	146	Resp:	8304
Ion	Ratio	Lower	Upper
146	100		
111	45.6	35.5	53.3
148	68.0	50.9	76.3

