

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051556.D
 Acq On : 27 Oct 2022 22:11
 Operator : JC/MD
 Sample : N5300-02DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA73DL

Quant Time: Oct 28 00:13:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

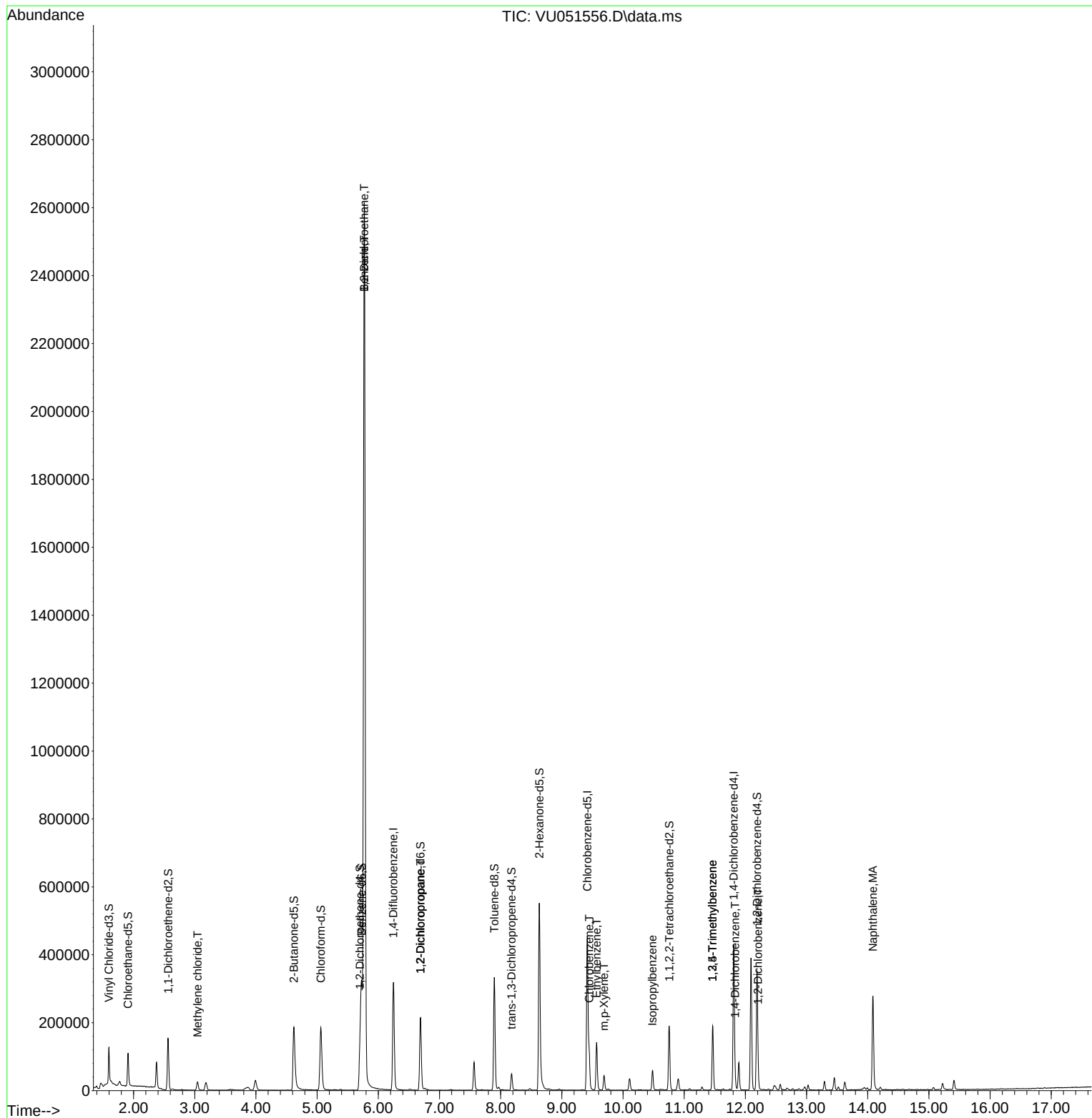
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	269422	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	259623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76155	3.504	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.909	69	77644	4.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.565	65	28347	3.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.620	46	253328	52.944	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.880%
24) Chloroform-d	5.060	84	155531	3.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.700	65	87934	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.726	84	311111	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.687	67	107317	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.896	98	230185	3.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.179	79	28266	3.547	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.632	63	194605	72.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.920%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95400	4.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	95791	4.669	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	12543	0.432	ug/L	89
27) 1,2-Dichloroethane	5.771	62	19039	0.713	ug/L #	74
33) Benzene	5.771	78	2582244	29.793	ug/L	100
37) 1,2-Dichloropropane	6.690	63	11018	0.464	ug/L #	88
51) Chlorobenzene	9.446	112	61751	1.123	ug/L	98
52) Ethylbenzene	9.568	91	97973	1.185	ug/L	97
53) m,p-Xylene	9.690	106	12584	0.392	ug/L	97
60) Isopropylbenzene	10.481	105	36652	0.490	ug/L	99
62) 1,3,5-Trimethylbenzene	11.465	105	103393	5.214	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	103393	1.844	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	7017	0.193	ug/L	86
67) 1,2-Dichlorobenzene	12.208	146	5033	0.140	ug/L	97
71) Naphthalene	14.086	128	238388	7.080	ug/L	98

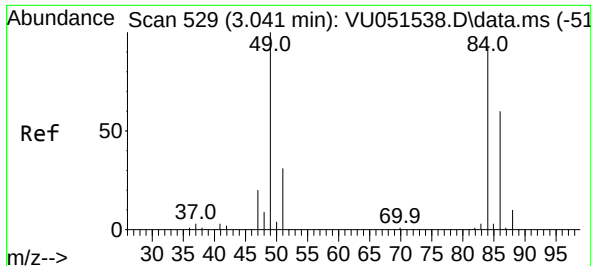
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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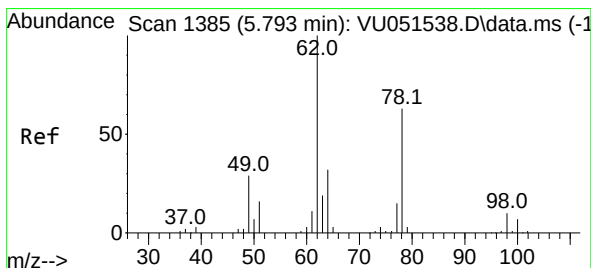
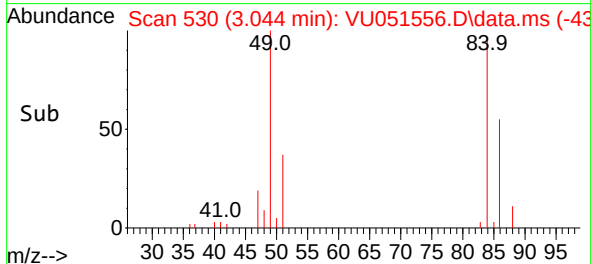
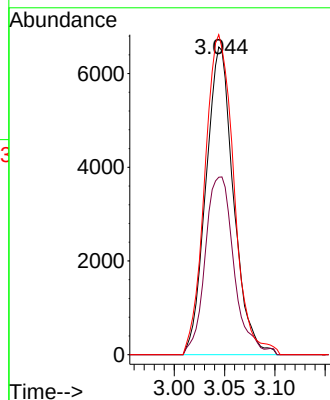
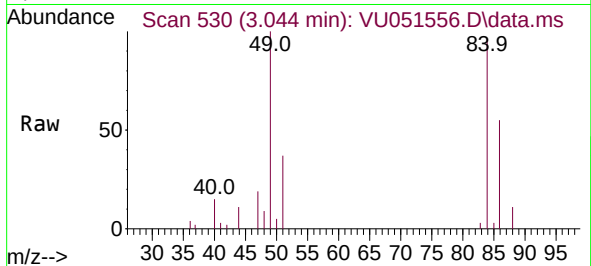




#16
Methylene chloride
Concen: 0.432 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

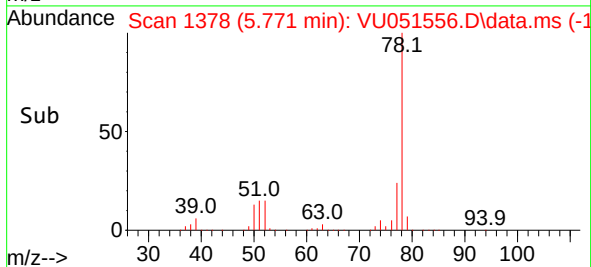
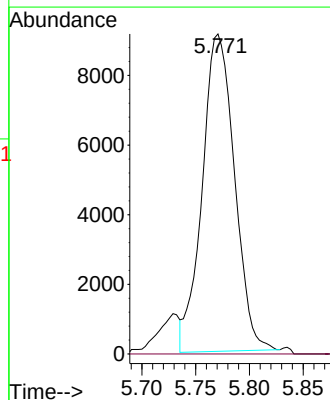
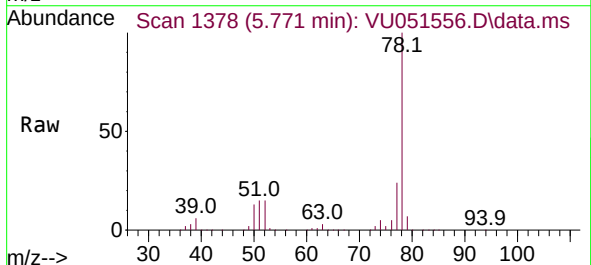
Instrument :
MSVOA_U
ClientSampleId :
BHA73DL

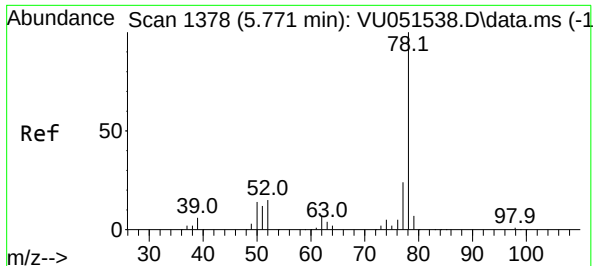
Tgt Ion: 84 Resp: 12543
Ion Ratio Lower Upper
84 100
86 57.6 46.5 86.3
49 104.0 81.3 151.1



#27
1,2-Dichloroethane
Concen: 0.713 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.023 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion: 62 Resp: 19039
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

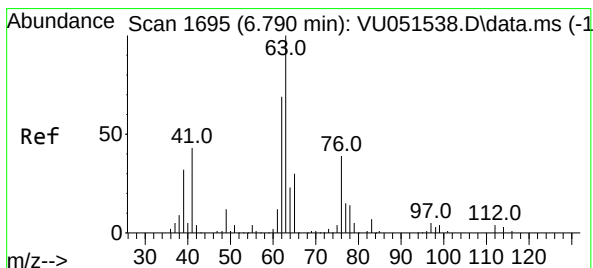
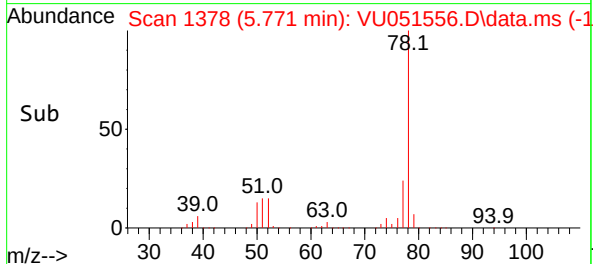
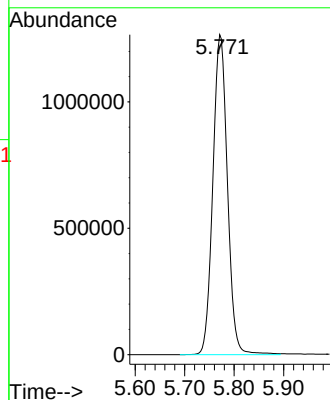
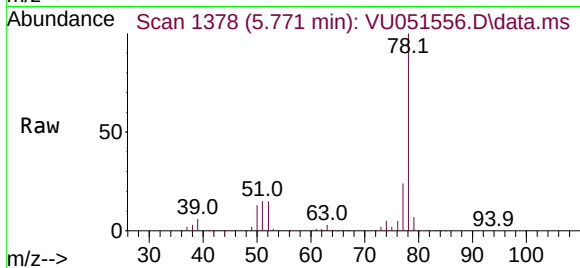




#33
Benzene
Concen: 29.793 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

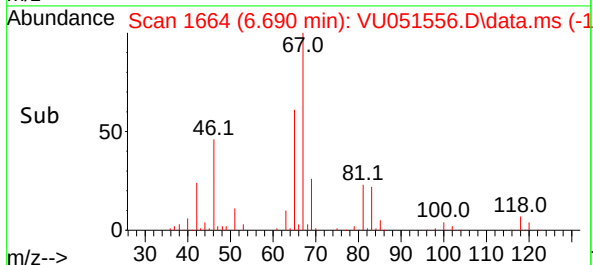
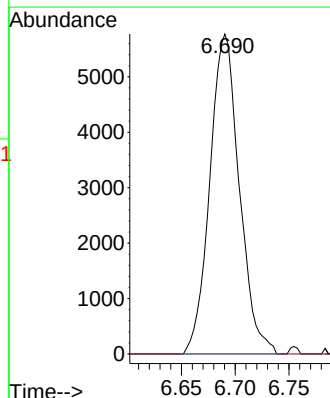
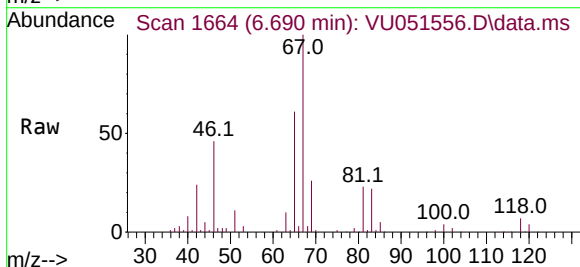
Instrument :
MSVOA_U
ClientSampleId :
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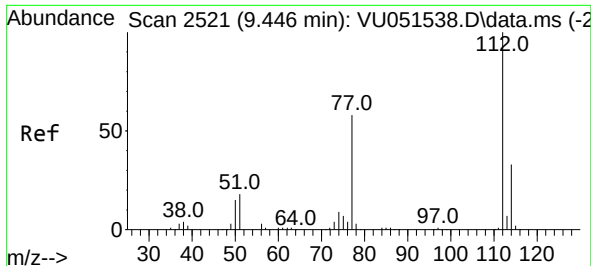
Tgt Ion: 78 Resp: 2582244



#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion: 63 Resp: 11018
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#

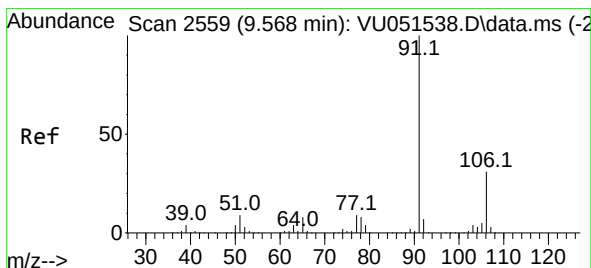
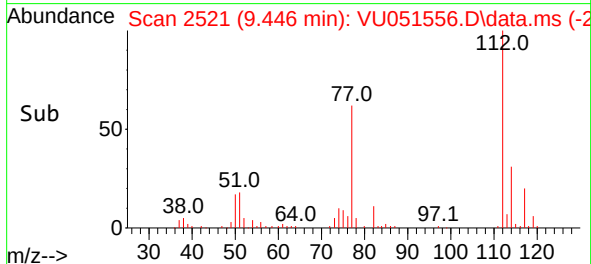
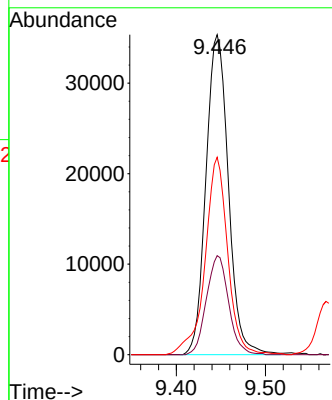
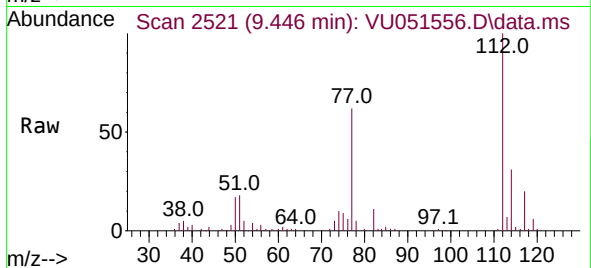




#51
Chlorobenzene
Concen: 1.123 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

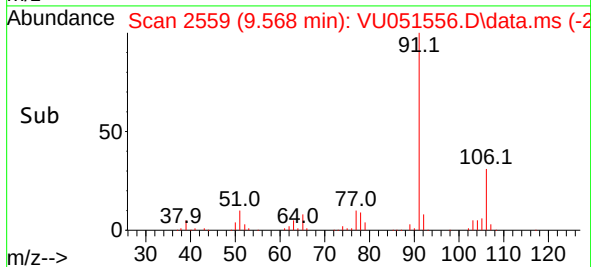
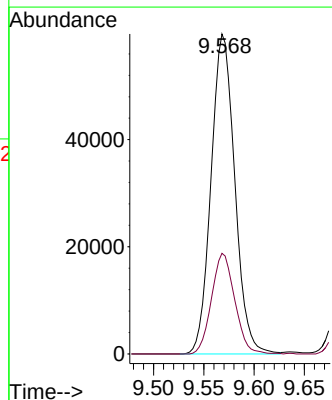
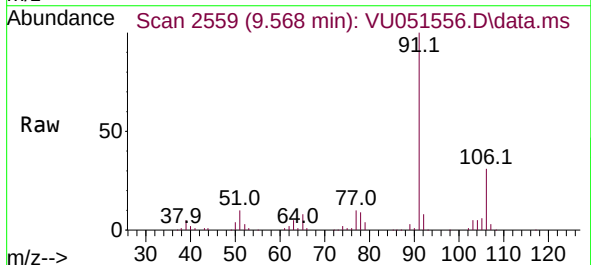
Instrument :
MSVOA_U
ClientSampleId :
BHA73DL

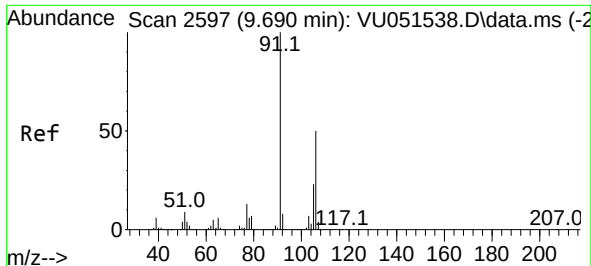
Tgt Ion:112 Resp: 61751
Ion Ratio Lower Upper
112 100
114 30.9 22.3 41.5
77 61.7 48.1 72.1



#52
Ethylbenzene
Concen: 1.185 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion: 91 Resp: 97973
Ion Ratio Lower Upper
91 100
106 31.4 20.9 38.7

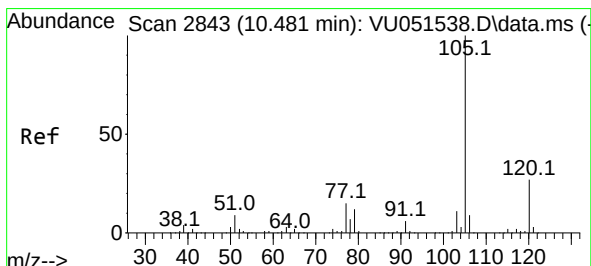
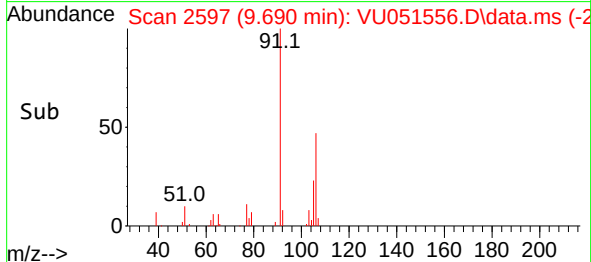
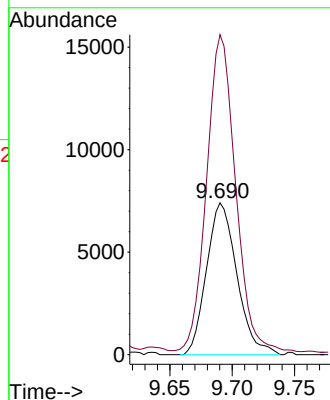
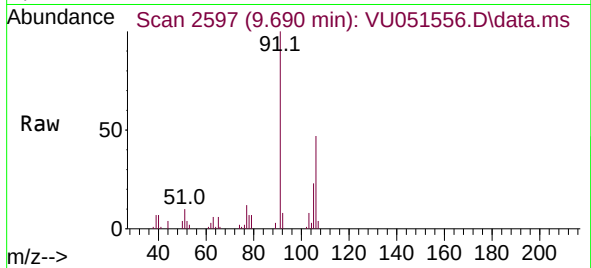




#53
m,p-Xylene
Concen: 0.392 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

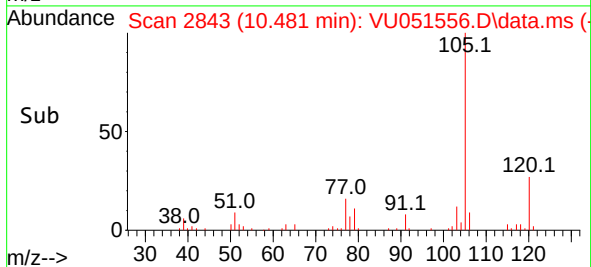
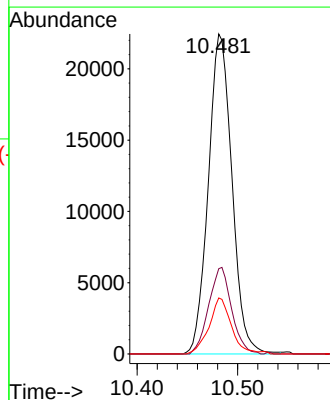
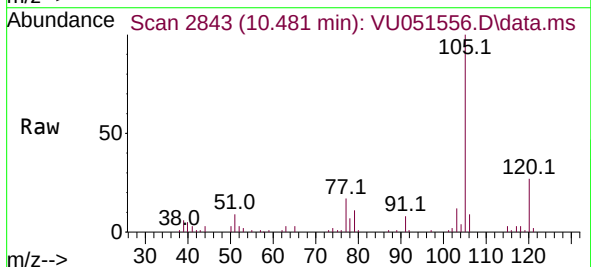
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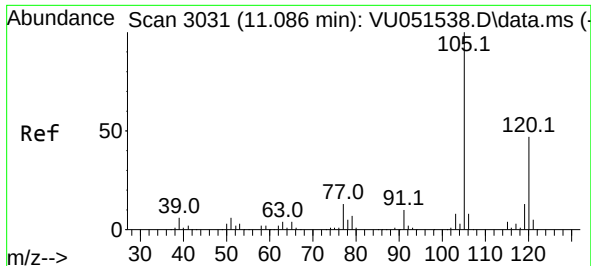
Tgt Ion:106 Resp: 12584
Ion Ratio Lower Upper
106 100
91 210.6 143.9 267.3



#60
Isopropylbenzene
Concen: 0.490 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion:105 Resp: 36652
Ion Ratio Lower Upper
105 100
120 26.2 20.6 30.8
77 16.6 13.5 20.3

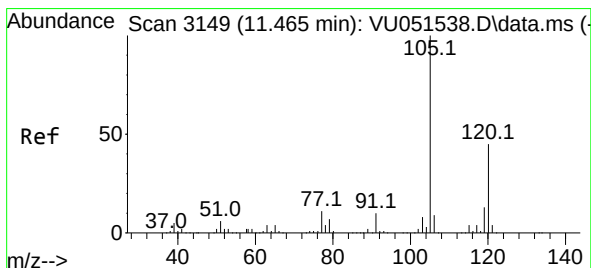
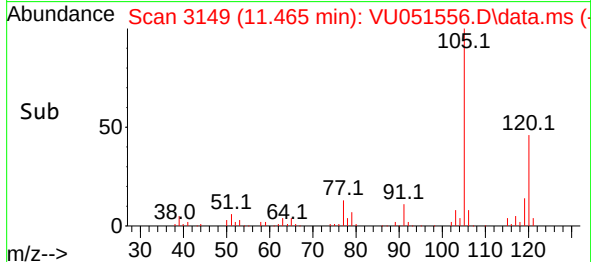
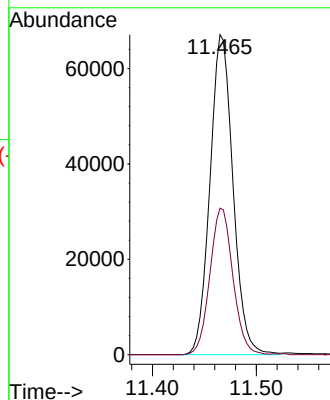
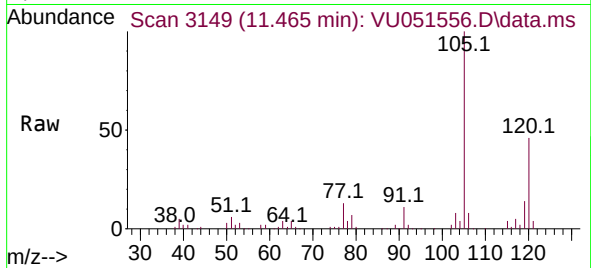




#62
1,3,5-Trimethylbenzene
Concen: 5.214 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.379 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

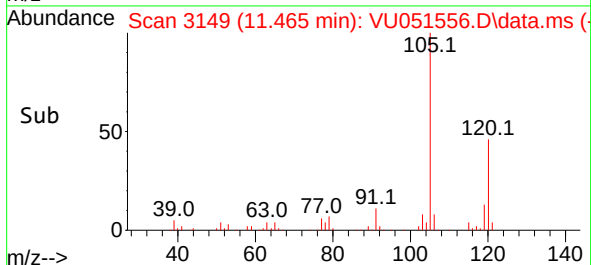
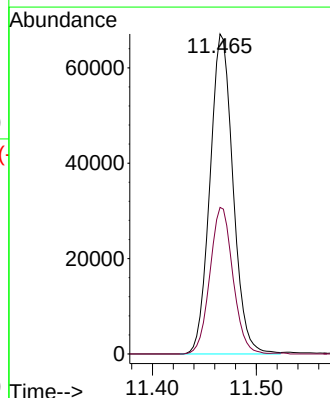
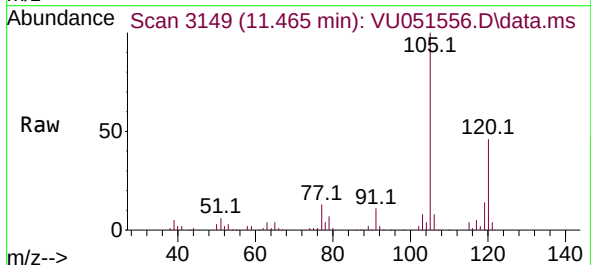
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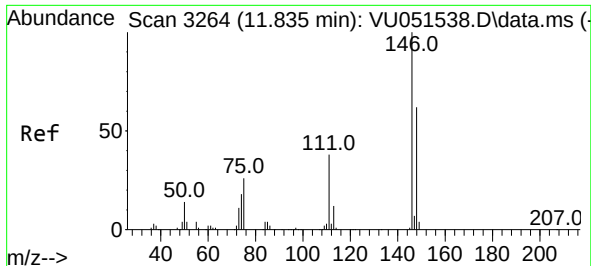
Tgt Ion:105 Resp: 103393
Ion Ratio Lower Upper
105 100
120 45.7 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 1.844 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion:105 Resp: 103393
Ion Ratio Lower Upper
105 100
120 45.7 35.6 53.4

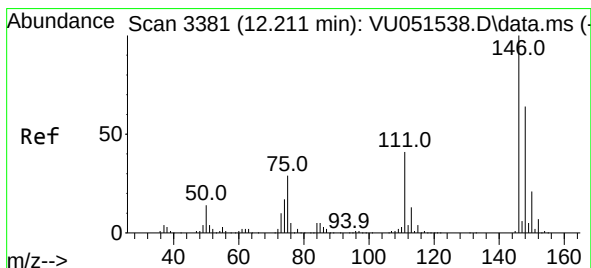
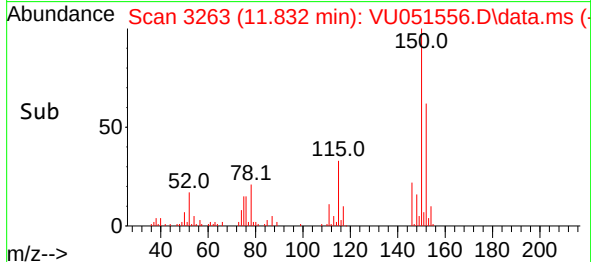
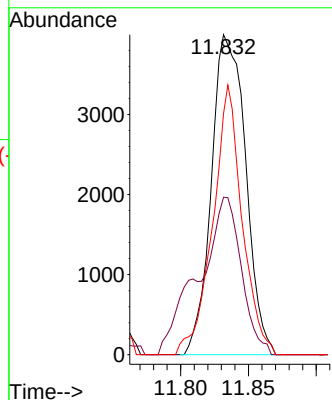
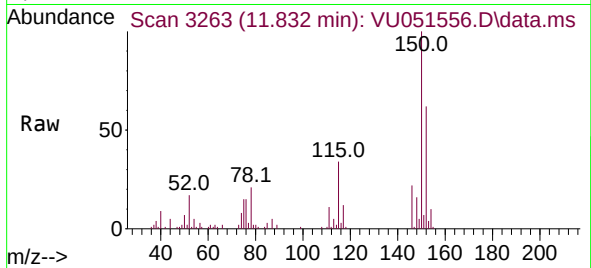




#65
1,4-Dichlorobenzene
Concen: 0.193 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

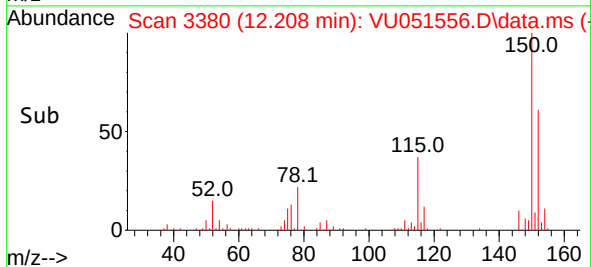
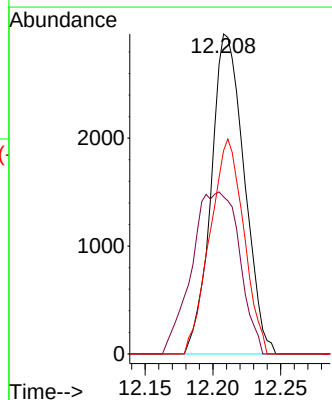
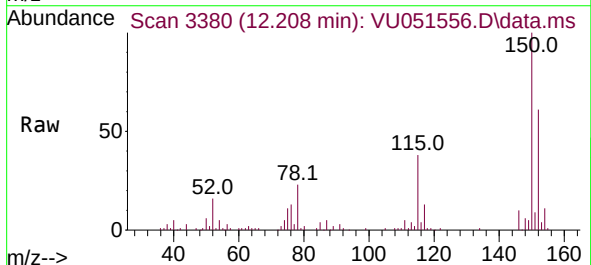
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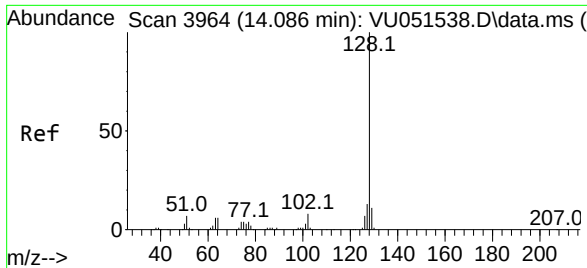
Tgt Ion:146 Resp: 7017
Ion Ratio Lower Upper
146 100
111 49.2 29.1 54.1
148 75.4 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.140 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Tgt Ion:146 Resp: 5033
Ion Ratio Lower Upper
146 100
111 49.1 35.5 53.3
148 63.6 50.9 76.3





#71
Naphthalene
Concen: 7.080 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051556.D
Acq: 27 Oct 2022 22:11

Instrument :
MSVOA_U
ClientSampleId :
BHA73DL

Tgt Ion:128 Resp: 238388
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.1 11.1 16.7

