

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051521.D
 Acq On : 26 Oct 2022 23:34
 Operator : JC/MD
 Sample : N5300-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAC1

Quant Time: Oct 27 08:25:05 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	252205	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	256106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	116198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100928	4.961	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.909	69	88792	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.565	65	37794	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.617	46	282306	63.028	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.060%
24) Chloroform-d	5.060	84	171065	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.700	65	94015	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.726	84	350987	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.690	67	115823	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.896	98	271521	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.179	79	31858	4.053	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.629	63	199893	75.447	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	150.900%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	103756	5.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	104192	5.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.475	85	1978	0.096	ug/L	98
8) Chloroethane	1.932	64	22514	1.246	ug/L #	73
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1131	0.058	ug/L #	21
15) Methyl Acetate	3.038	43	5483	0.671	ug/L #	50
30) Cyclohexane	5.385	56	7391	0.284	ug/L	98
33) Benzene	5.774	78	49914	0.584	ug/L	100
35) Methylcyclohexane	6.758	83	3913	0.145	ug/L	86
37) 1,2-Dichloropropane	6.687	63	11804	0.504	ug/L	99
51) Chlorobenzene	9.446	112	757297	13.966	ug/L	99
53) m,p-Xylene	9.694	106	2954	0.093	ug/L	87
60) Isopropylbenzene	10.481	105	12576	0.171	ug/L #	84
61) 1,2,3-Trichloropropane	11.745	75	2246	0.153	ug/L #	50
63) 1,2,4-Trimethylbenzene	11.465	105	5844	0.106	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	6795	0.187	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	94005	2.620	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	29849	0.843	ug/L	98
71) Naphthalene	14.086	128	33783	1.019	ug/L	98

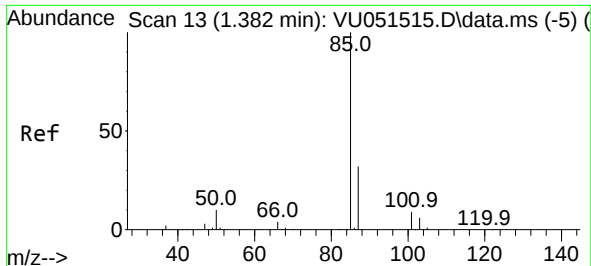
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

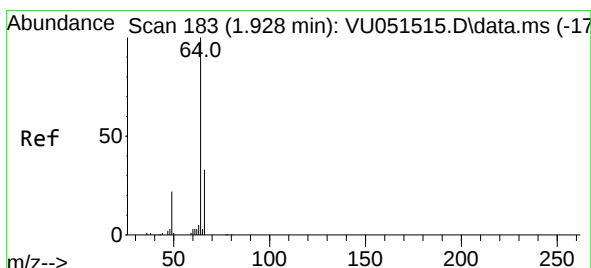
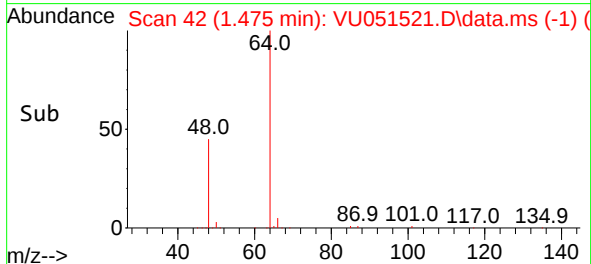
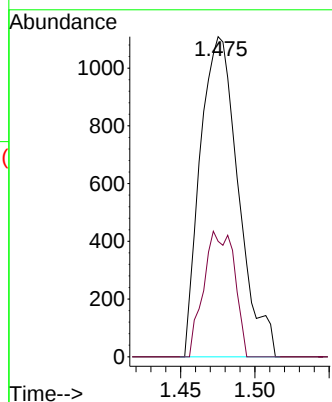
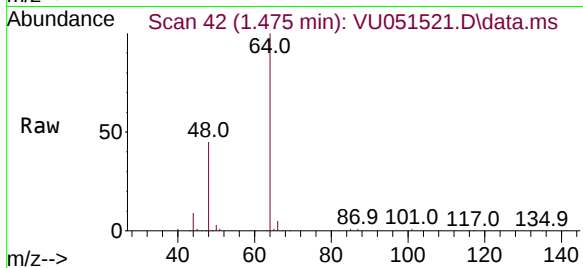
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#2
Dichlorodifluoromethane
Concen: 0.096 ug/L
RT: 1.475 min Scan# 41
Delta R.T. 0.093 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

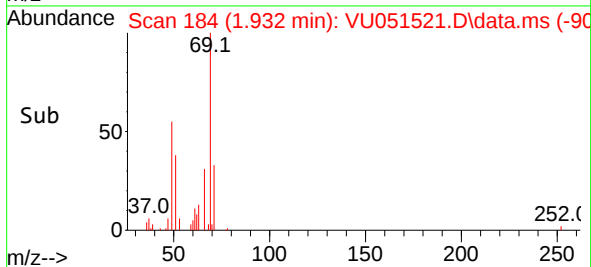
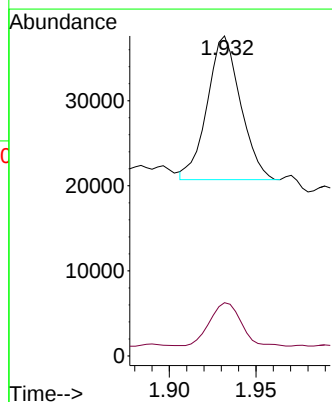
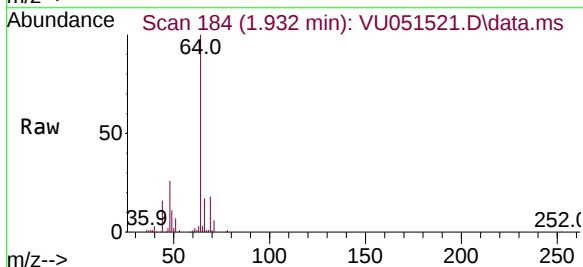
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ClientSampleId :
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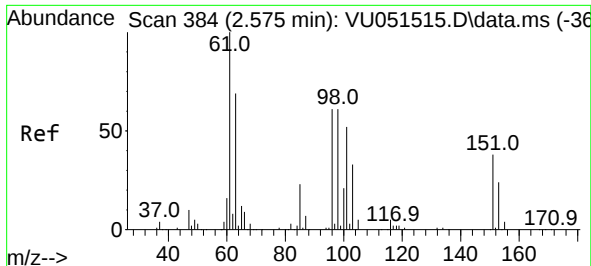
Tgt Ion: 85 Resp: 1978
Ion Ratio Lower Upper
85 100
87 31.5 26.2 39.4



#8
Chloroethane
Concen: 1.246 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion: 64 Resp: 22514
Ion Ratio Lower Upper
64 100
66 16.7 22.3 41.3#

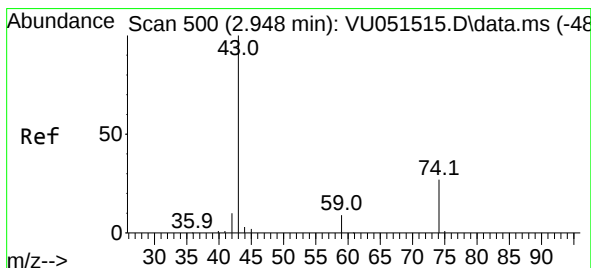
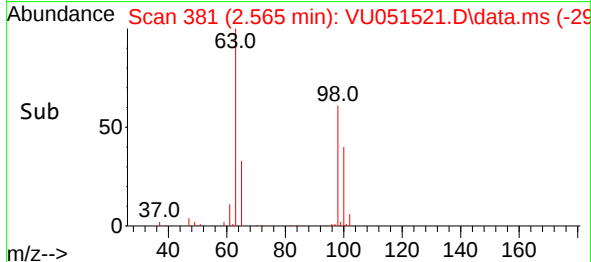
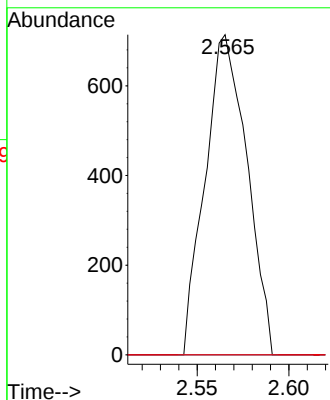
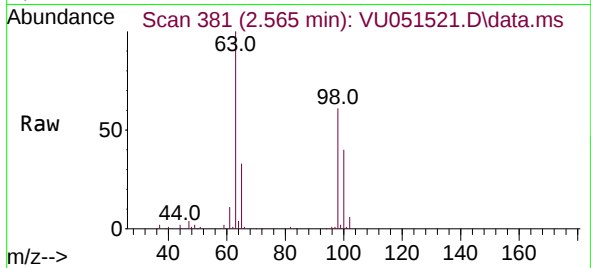




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

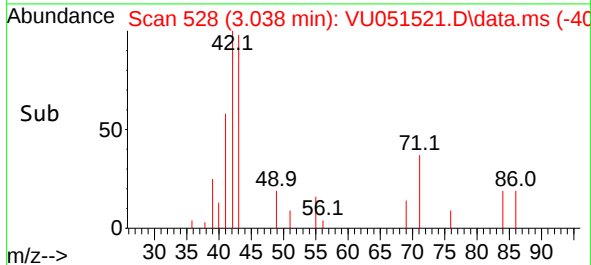
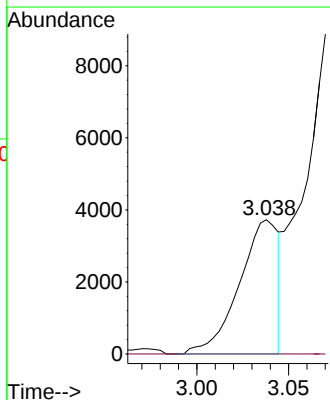
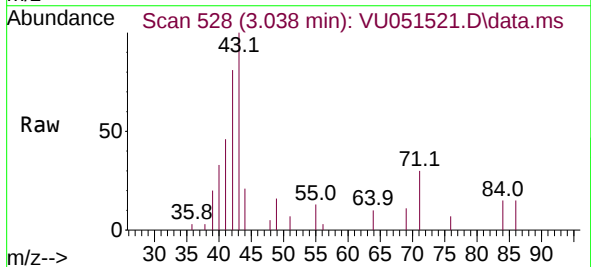
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ClientSampleId :
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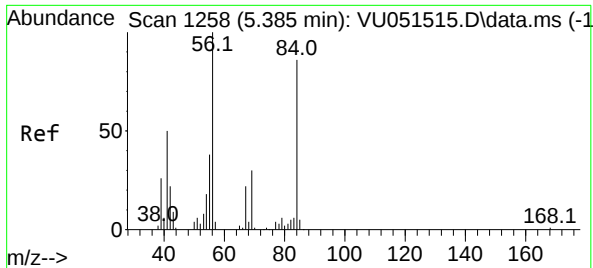
Tgt Ion:101 Resp: 1131
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#15
Methyl Acetate
Concen: 0.671 ug/L
RT: 3.038 min Scan# 528
Delta R.T. 0.090 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion: 43 Resp: 5483
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#

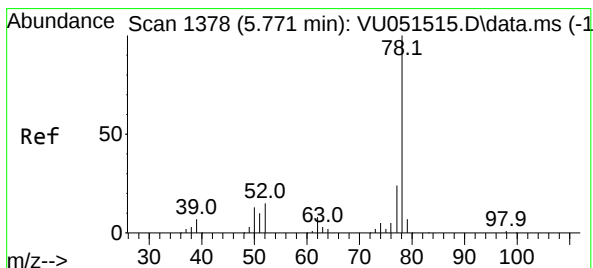
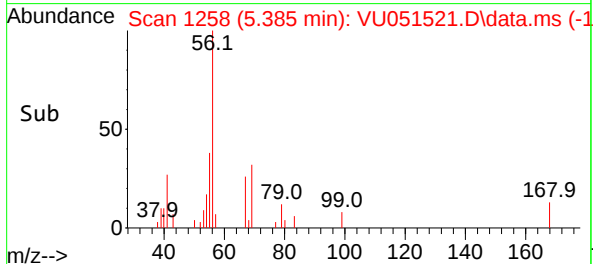
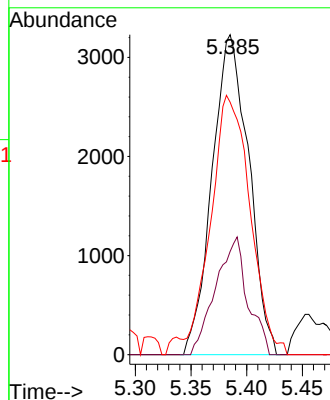
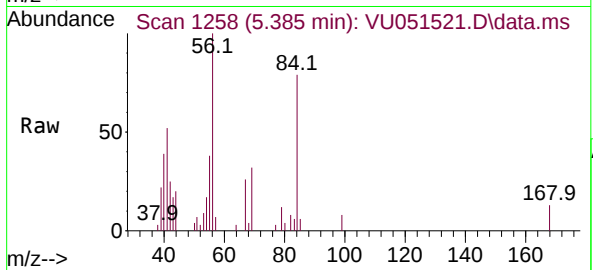




#30
Cyclohexane
Concen: 0.284 ug/L
RT: 5.385 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

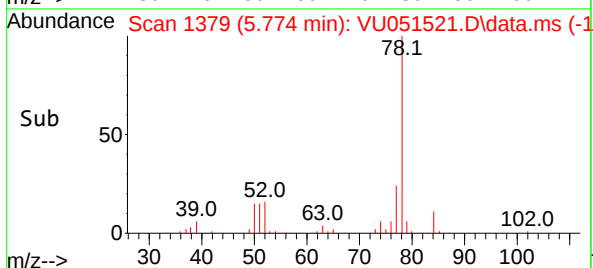
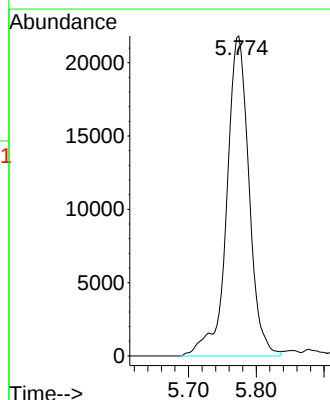
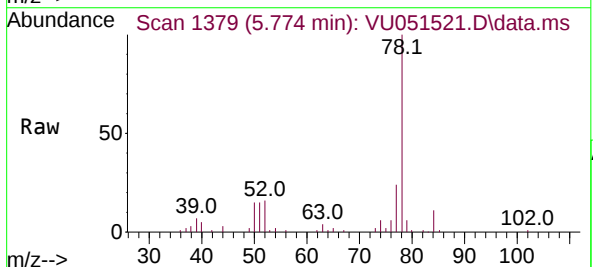
Instrument :
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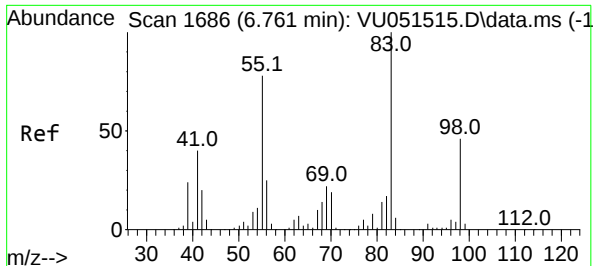
Tgt Ion: 56 Resp: 7391
Ion Ratio Lower Upper
56 100
69 32.2 25.1 37.7
84 86.4 70.9 106.3



#33
Benzene
Concen: 0.584 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion: 78 Resp: 49914

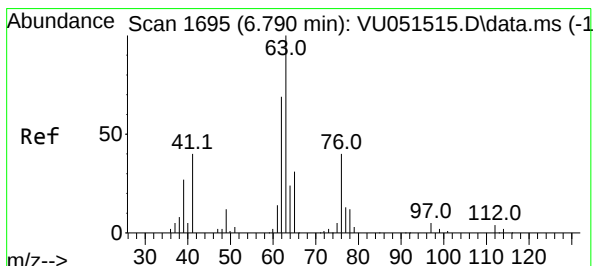
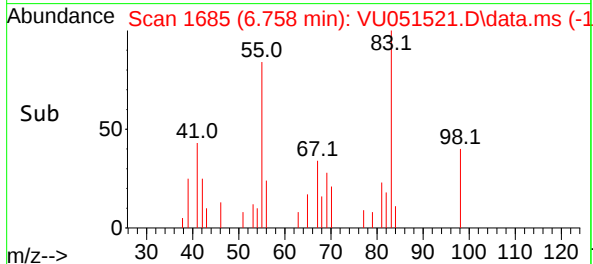
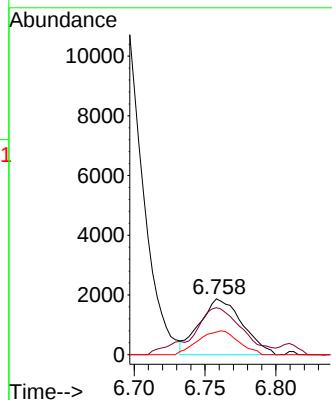
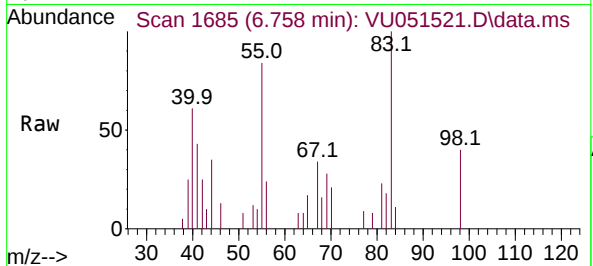




#35
Methylcyclohexane
Concen: 0.145 ug/L
RT: 6.758 min Scan# 1663
Delta R.T. -0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

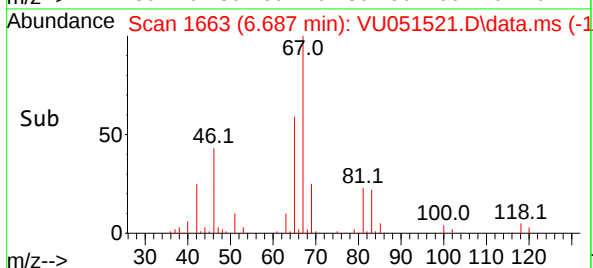
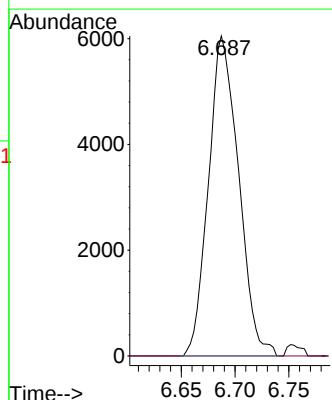
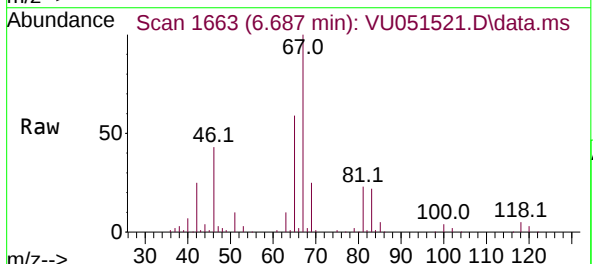
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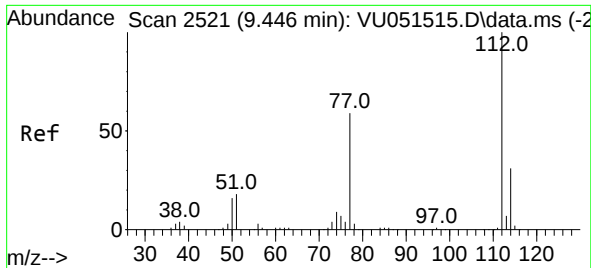
Tgt Ion: 83 Resp: 3913
Ion Ratio Lower Upper
83 100
55 97.5 65.8 98.6
98 40.1 35.9 53.9



#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion: 63 Resp: 11804
Ion Ratio Lower Upper
63 100
112 3.5 3.2 4.8

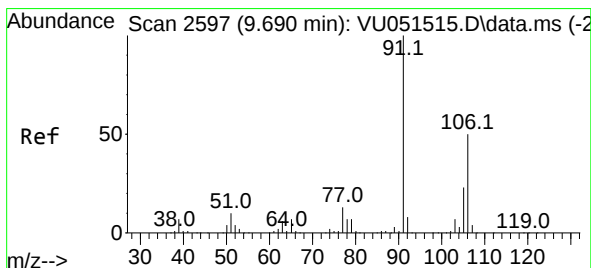
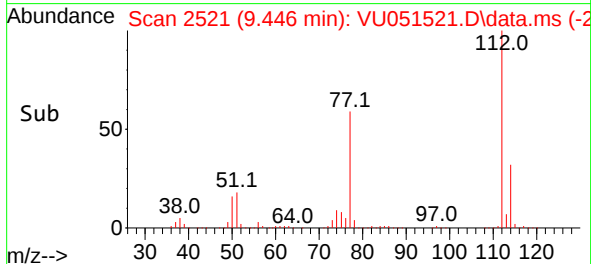
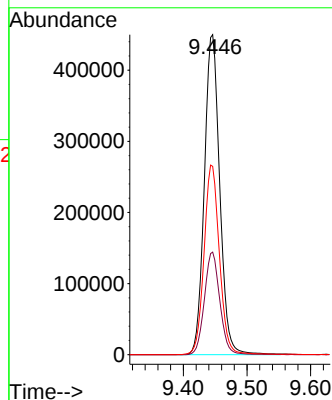
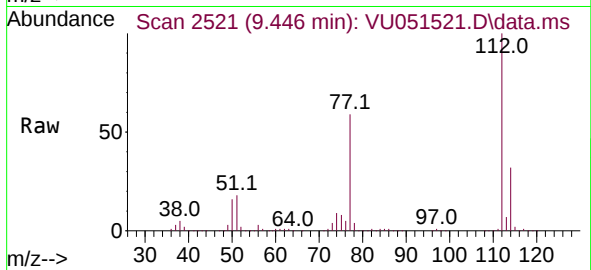




#51
Chlorobenzene
Concen: 13.966 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

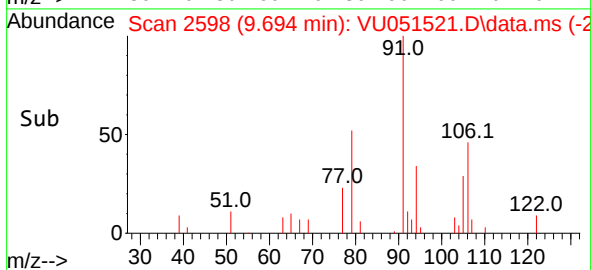
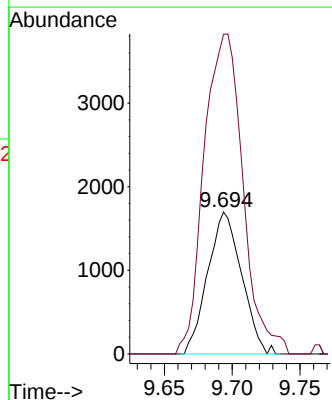
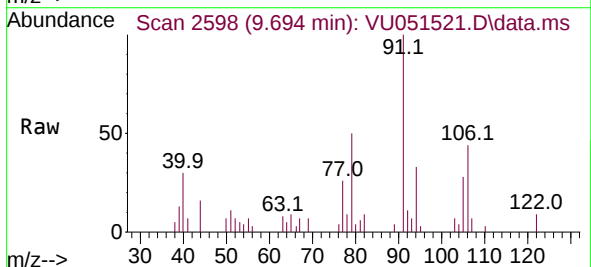
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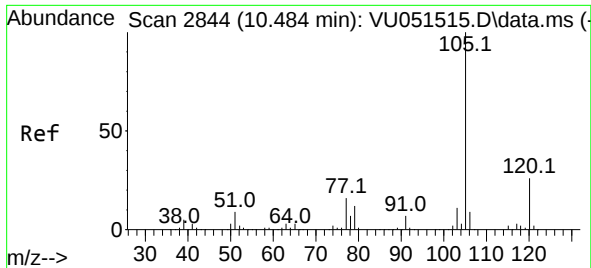
Tgt Ion:112 Resp: 757297
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 58.9 48.1 72.1



#53
m,p-Xylene
Concen: 0.093 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion:106 Resp: 2954
Ion Ratio Lower Upper
106 100
91 225.1 143.9 267.3

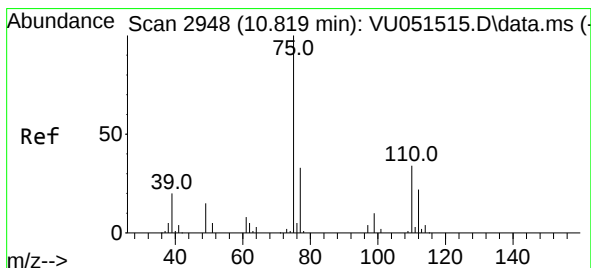
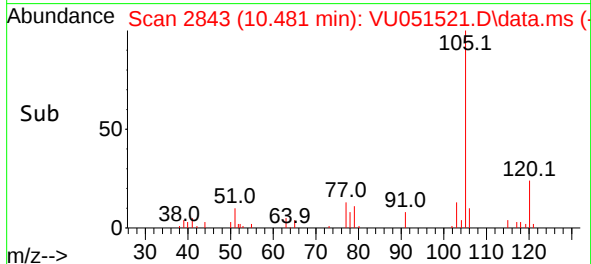
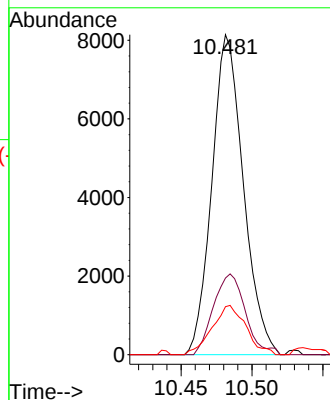
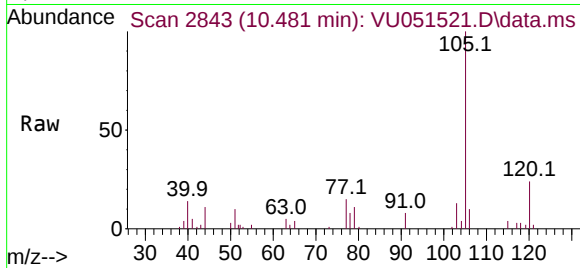




#60
Isopropylbenzene
Concen: 0.171 ug/L
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

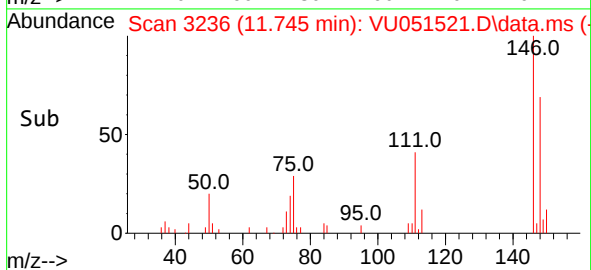
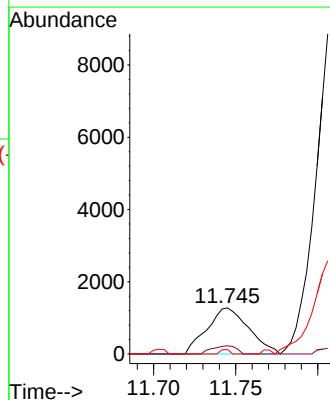
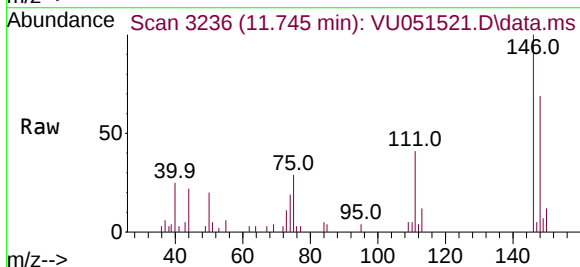
Instrument :
MSVOA_U
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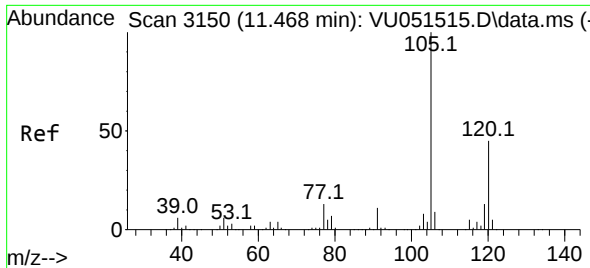
Tgt Ion:105 Resp: 12576
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 0.0 13.5 20.3#



#61
1,2,3-Trichloropropane
Concen: 0.153 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.926 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion: 75 Resp: 2246
Ion Ratio Lower Upper
75 100
110 10.3 27.0 40.6#
77 0.0 26.4 39.6#

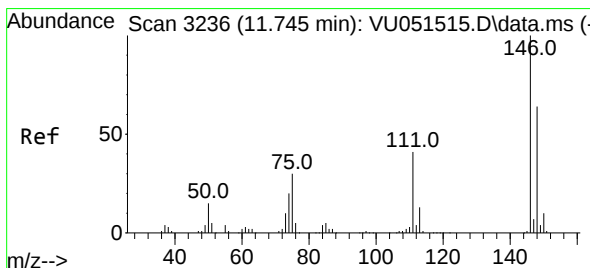
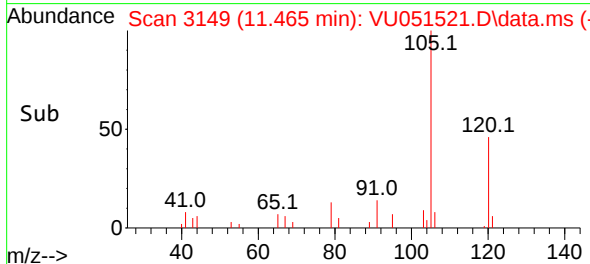
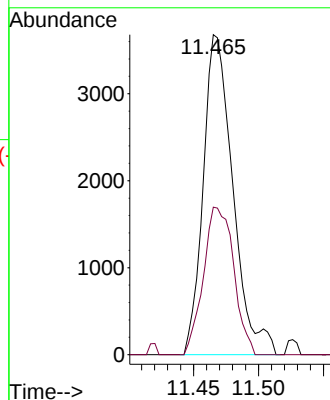
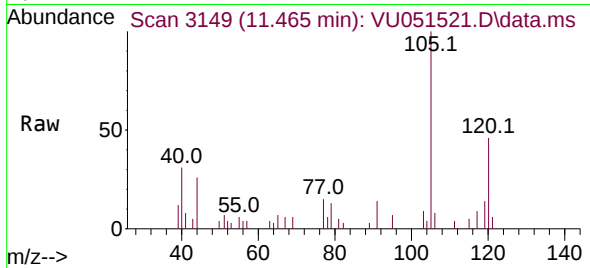




#63
1,2,4-Trimethylbenzene
Concen: 0.106 ug/L
RT: 11.465 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

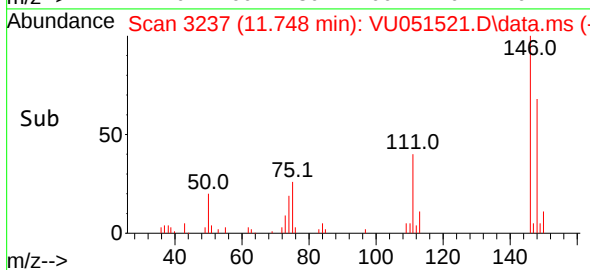
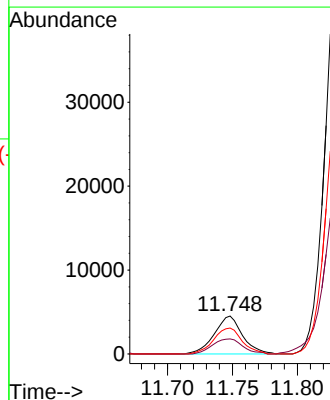
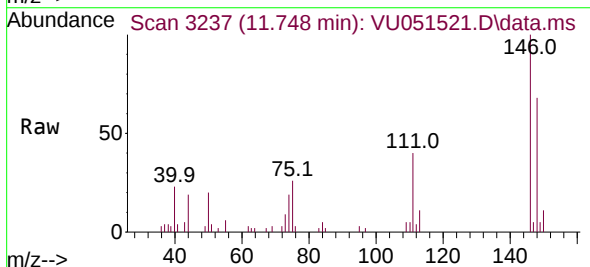
Instrument :
MSVOA_U
ClientSampleId :
BHAC1

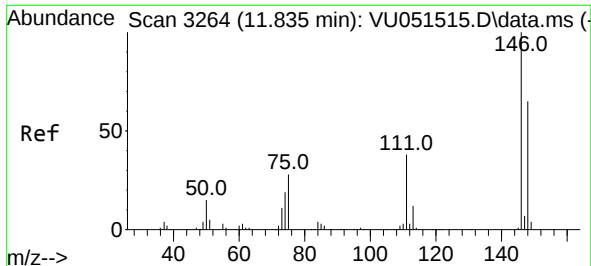
Tgt Ion:105 Resp: 5844
Ion Ratio Lower Upper
105 100
120 47.0 35.6 53.4



#64
1,3-Dichlorobenzene
Concen: 0.187 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Tgt Ion:146 Resp: 6795
Ion Ratio Lower Upper
146 100
111 39.7 28.3 52.7
148 68.4 43.8 81.4

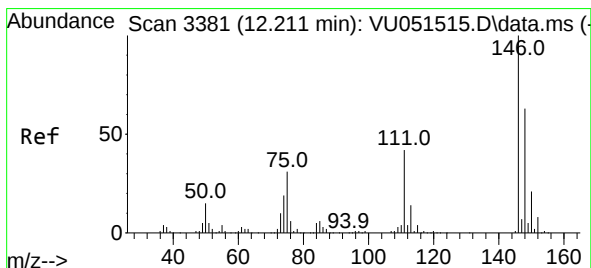
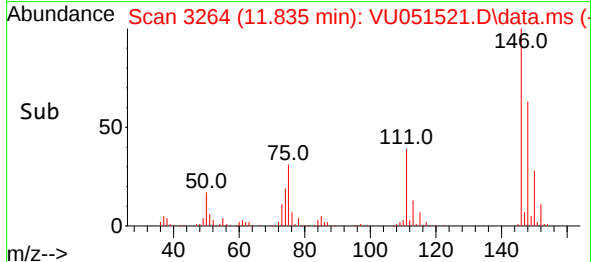
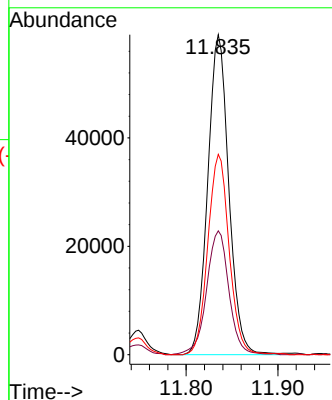
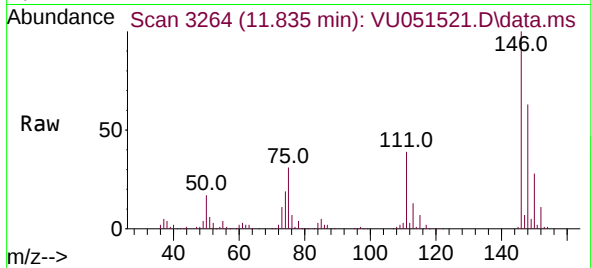




#65
1,4-Dichlorobenzene
Concen: 2.620 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

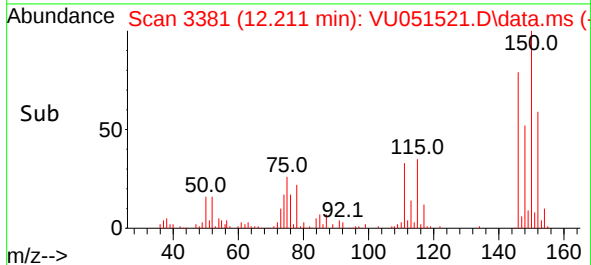
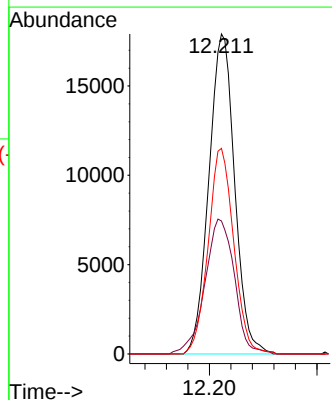
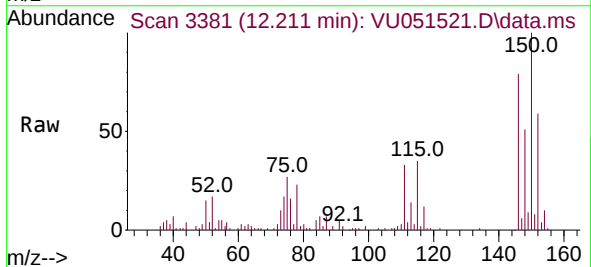
Instrument :
MSVOA_U
ClientSampleId :
BHAC1

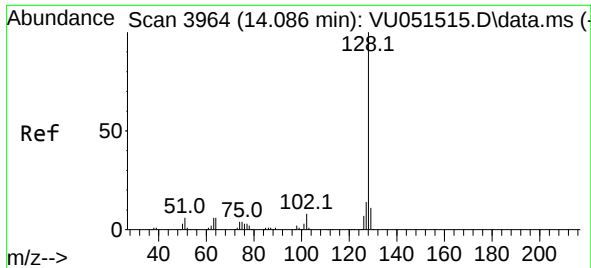
Tgt Ion:146 Resp: 94005
Ion Ratio Lower Upper
146 100
111 38.7 29.1 54.1
148 62.6 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.843 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

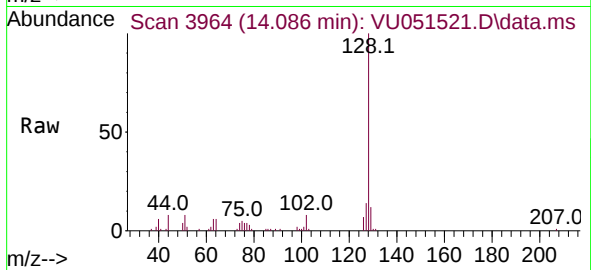
Tgt Ion:146 Resp: 29849
Ion Ratio Lower Upper
146 100
111 41.6 35.5 53.3
148 64.3 50.9 76.3





#71
Naphthalene
Concen: 1.019 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051521.D
Acq: 26 Oct 2022 23:34

Instrument :
MSVOA_U
ClientSampleId :
BHAC1



Tgt Ion:	128	Resp:	33783
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.5	12.7
127	13.4	11.1	16.7

