

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051272.D
 Acq On : 08 Oct 2022 15:16
 Operator : JC/MD
 Sample : N4922-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB8T8

Quant Time: Oct 08 23:50:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

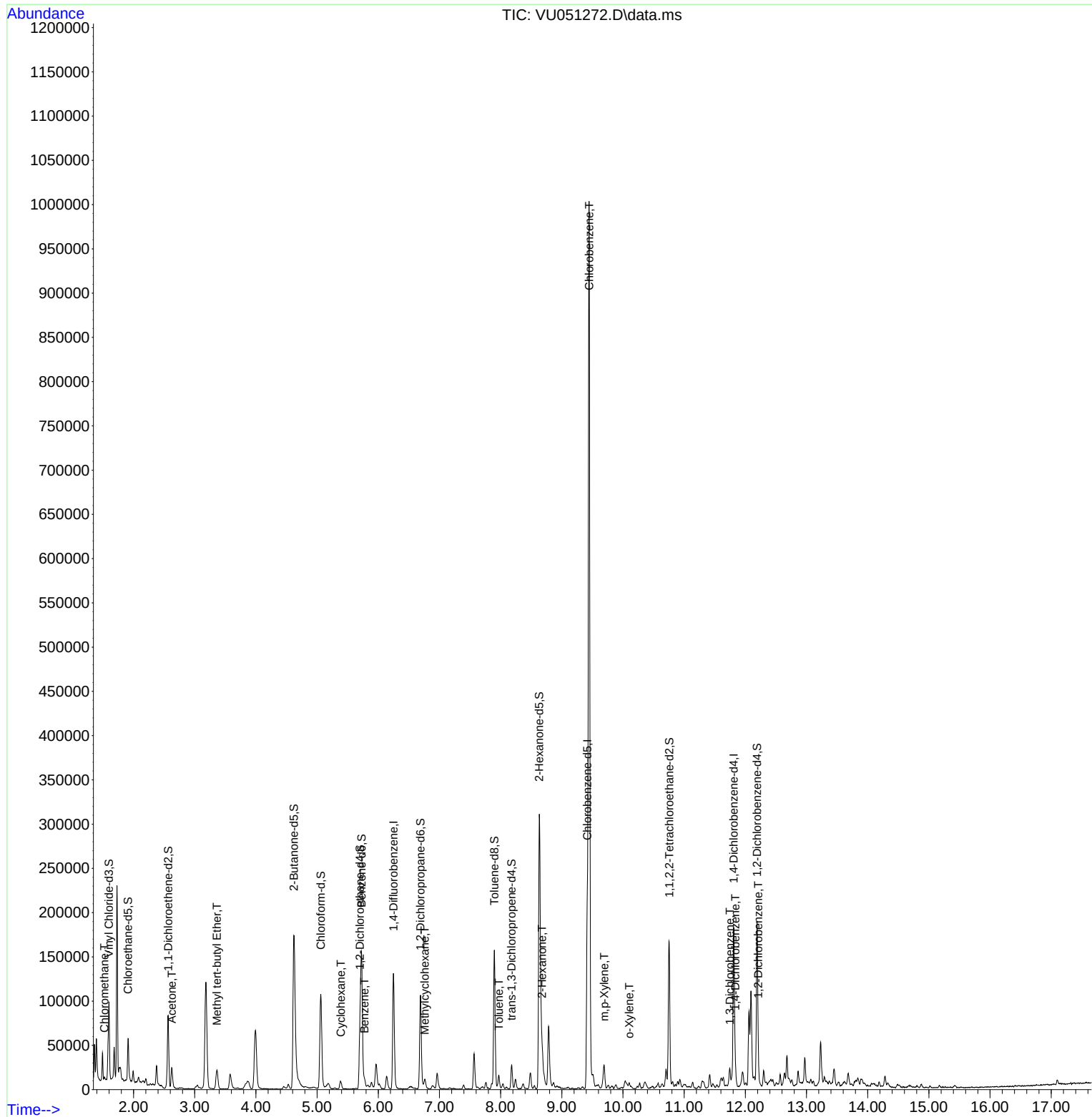
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	102153	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	109778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	47356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	40194	4.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.909	69	36114	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.565	65	15057	4.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.620	46	169362	93.354	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	186.700%#
24) Chloroform-d	5.060	84	77493	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.700	65	51119	6.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.000%
32) Benzene-d6	5.726	84	139452	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.691	67	52470	5.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.896	98	107555	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.179	79	15804	4.690	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.629	63	86498	76.165	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	152.340%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	63550	7.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	155.200%#
66) 1,2-Dichlorobenzene-d4	12.192	152	45421	5.518	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	2533	0.216	ug/L	94
13) Acetone	2.623	43	26627	19.569	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	18352	1.075	ug/L #	87
30) Cyclohexane	5.385	56	3474	0.311	ug/L	90
33) Benzene	5.774	78	9415	0.257	ug/L	100
35) Methylcyclohexane	6.761	83	3433	0.298	ug/L	85
42) Toluene	7.970	91	10871	0.279	ug/L	94
48) 2-Hexanone	8.678	43	18172	4.631	ug/L #	87
51) Chlorobenzene	9.446	112	531154	22.852	ug/L	99
53) m,p-Xylene	9.694	106	3634	0.268	ug/L	78
54) o-Xylene	10.102	106	1393	0.109	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	6708	0.452	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	8651	0.592	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	3711	0.257	ug/L	95

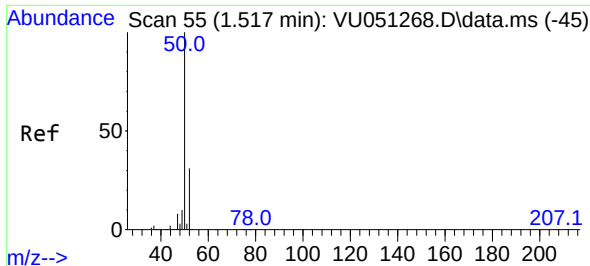
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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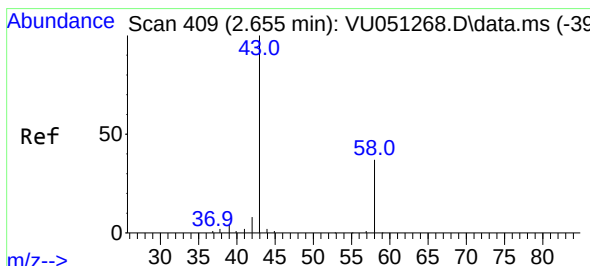
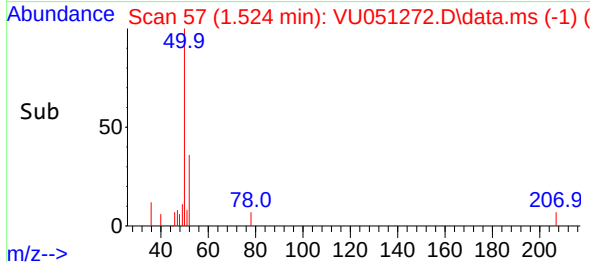
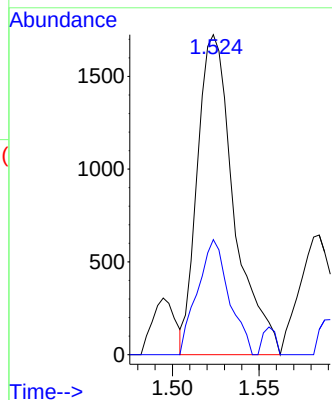
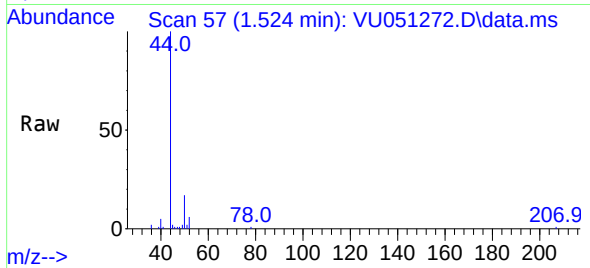




#3
Chloromethane
Concen: 0.216 ug/L
RT: 1.524 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

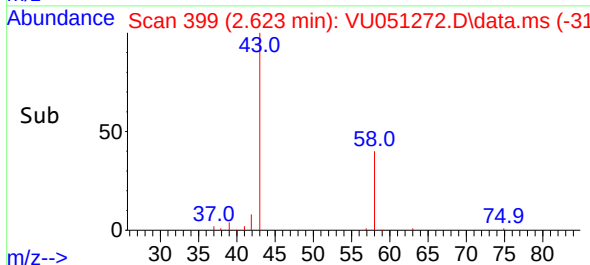
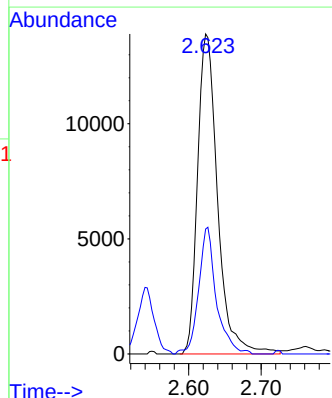
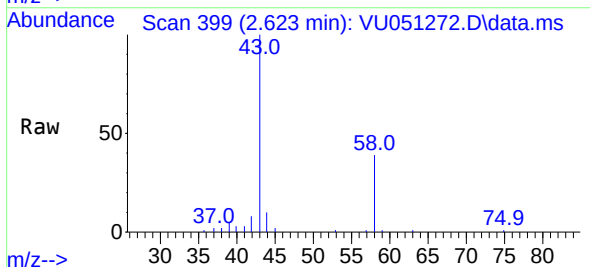
Instrument :
MSVOA_U
ClientSampleId :
CB8T8

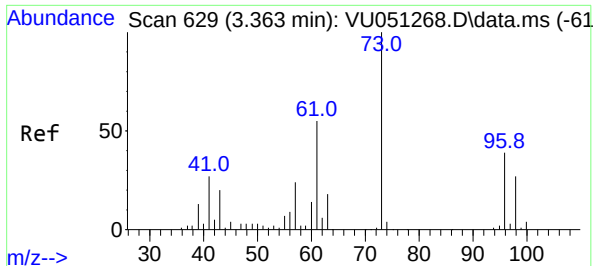
Tgt Ion: 50 Resp: 2533
Ion Ratio Lower Upper
50 100
52 35.9 22.9 42.5



#13
Acetone
Concen: 19.569 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.022 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

Tgt Ion: 43 Resp: 26627
Ion Ratio Lower Upper
43 100
58 34.7 0.0 68.8

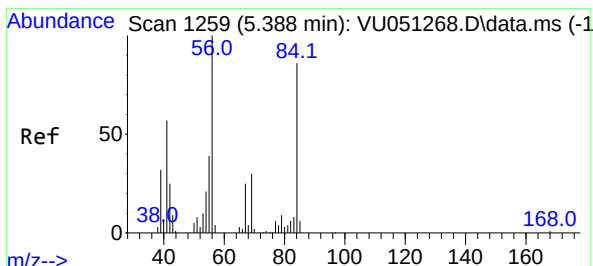
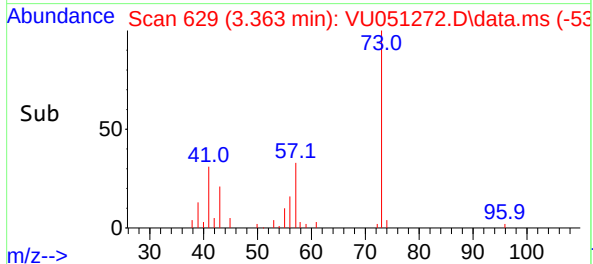
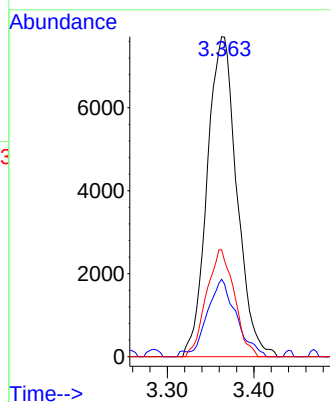
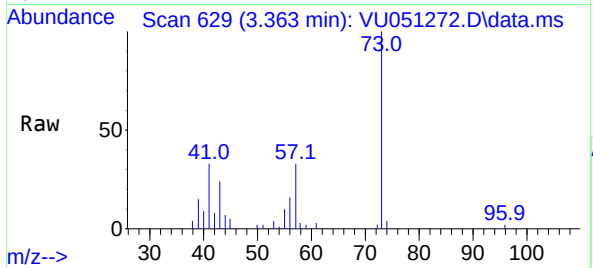




#17
Methyl tert-butyl Ether
Concen: 1.075 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

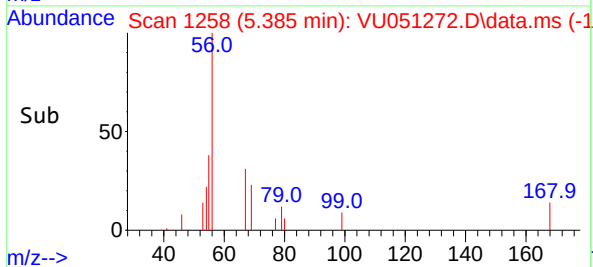
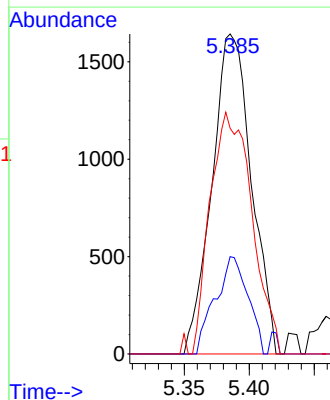
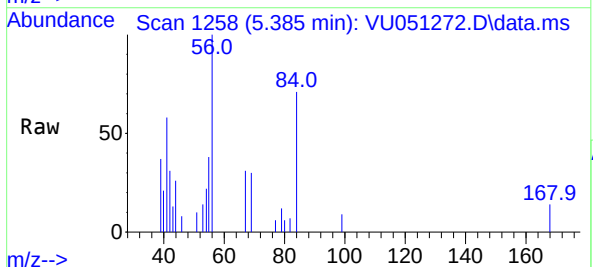
Instrument :
MSVOA_U
ClientSampleId :
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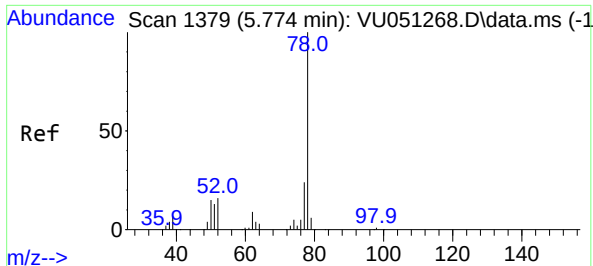
Tgt Ion: 73 Resp: 18352
Ion Ratio Lower Upper
73 100
43 23.3 15.4 23.0#
57 31.4 18.9 28.3#



#30
Cyclohexane
Concen: 0.311 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

Tgt Ion: 56 Resp: 3474
Ion Ratio Lower Upper
56 100
69 25.2 25.1 37.7
84 79.8 70.9 106.3

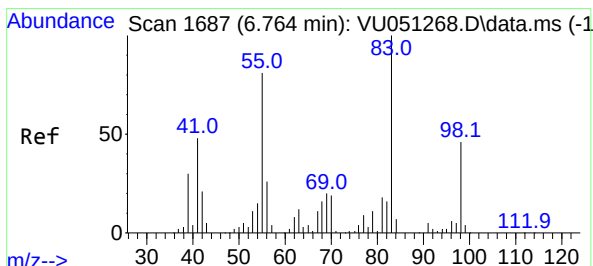
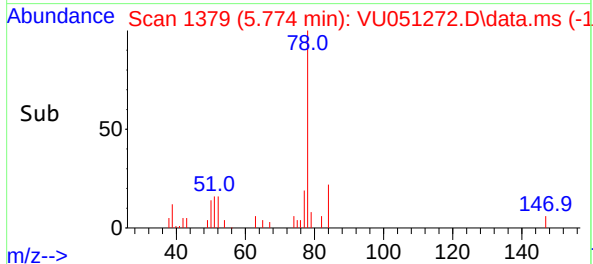
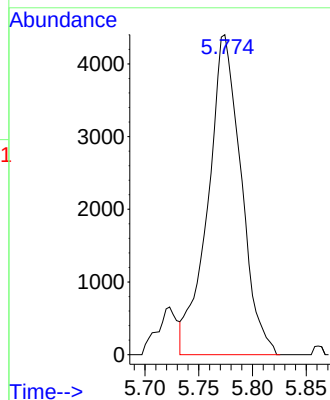
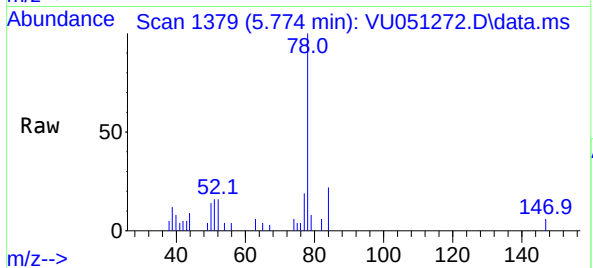




#33
Benzene
Concen: 0.257 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
CB8T8

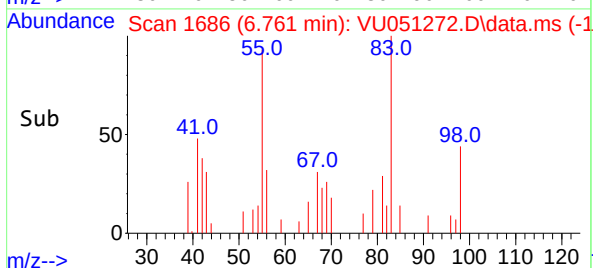
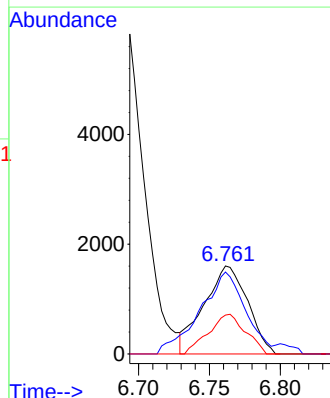
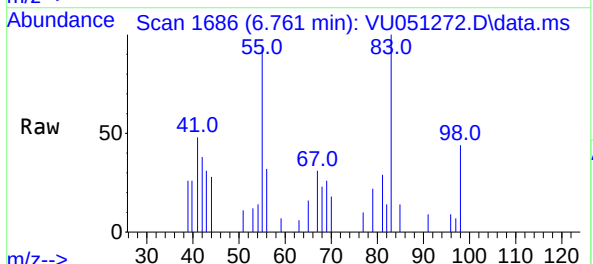
Tgt Ion: 78 Resp: 9415

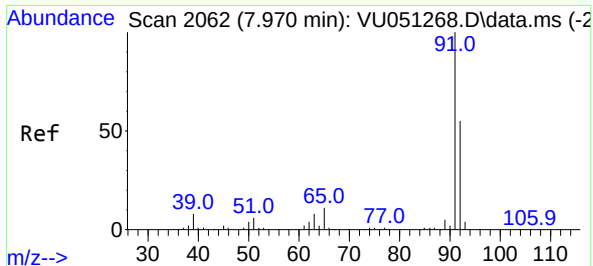


#35
Methylcyclohexane
Concen: 0.298 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

Tgt Ion: 83 Resp: 3433

Ion	Ratio	Lower	Upper
83	100		
55	98.0	65.8	98.6
98	38.3	35.9	53.9

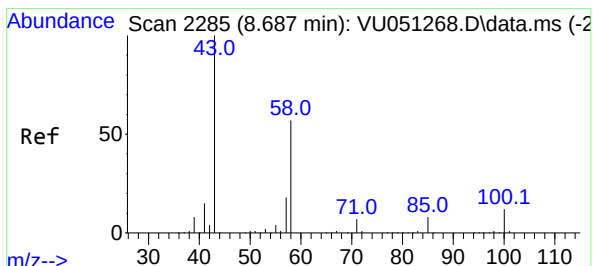
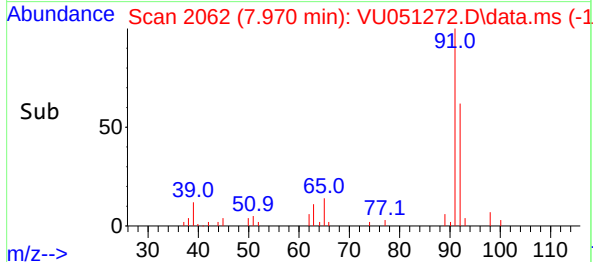
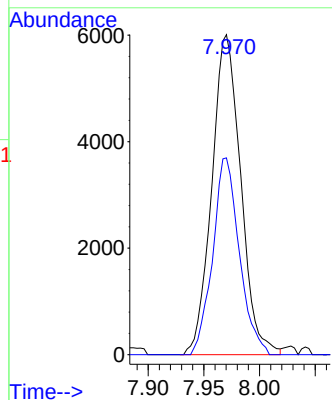
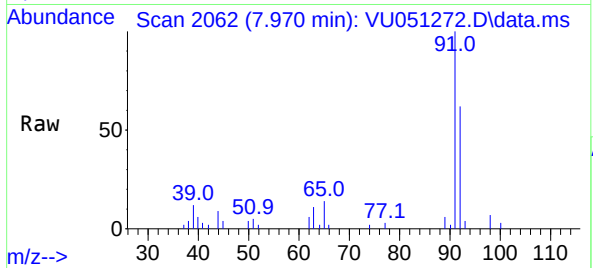




#42
Toluene
Concen: 0.279 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

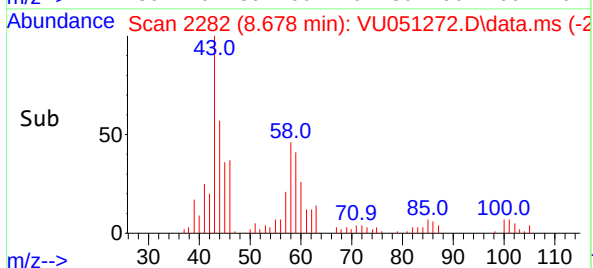
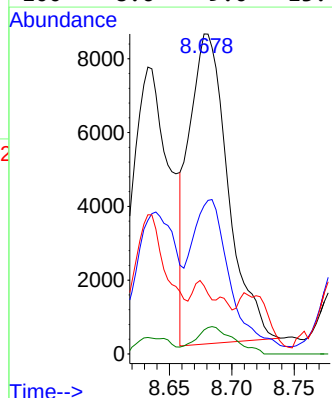
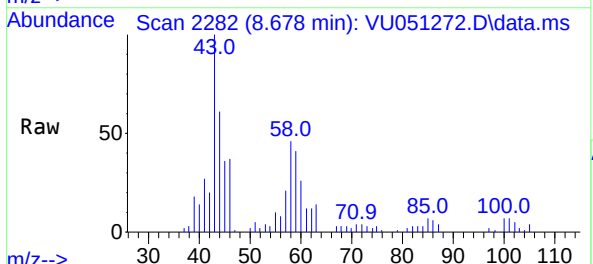
Instrument :
MSVOA_U
ClientSampleId :
CB8T8

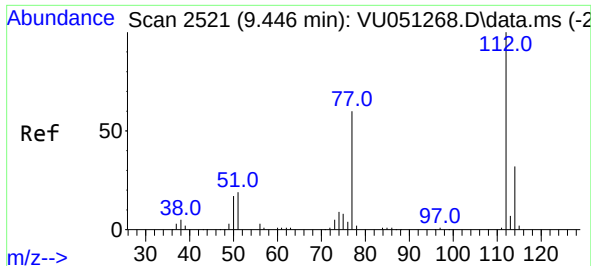
Tgt Ion: 91 Resp: 10871
Ion Ratio Lower Upper
91 100
92 61.5 39.9 74.1



#48
2-Hexanone
Concen: 4.631 ug/L
RT: 8.678 min Scan# 2282
Delta R.T. -0.006 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

Tgt Ion: 43 Resp: 18172
Ion Ratio Lower Upper
43 100
58 50.2 48.2 72.2
57 11.8 15.5 23.3#
100 8.6 9.0 13.4#

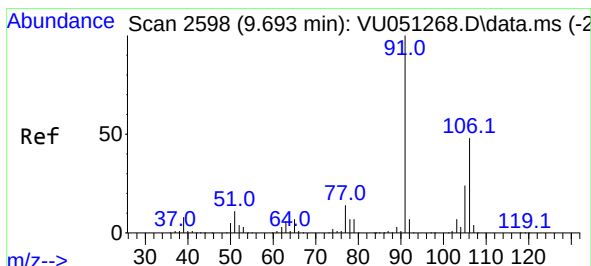
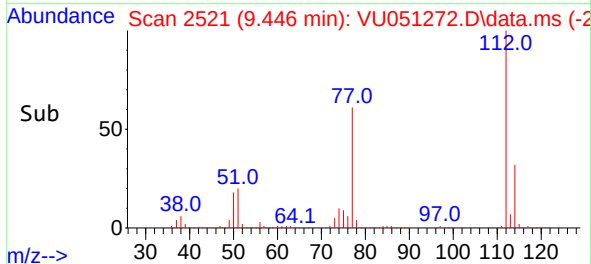
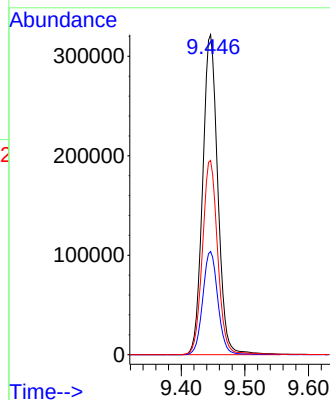
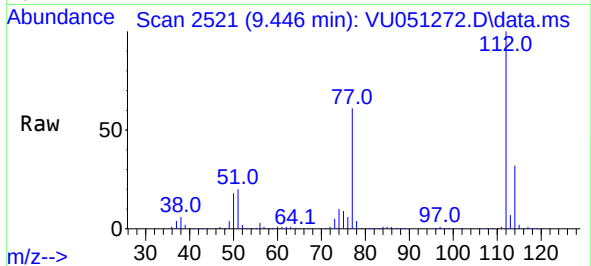




#51
Chlorobenzene
Concen: 22.852 ug/L
RT: 9.446 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

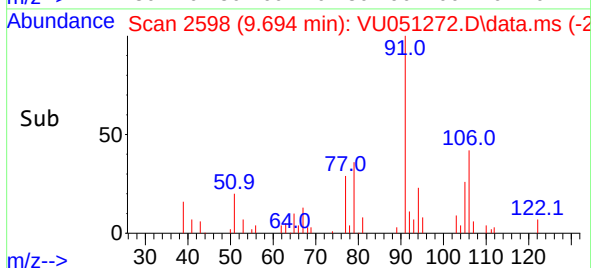
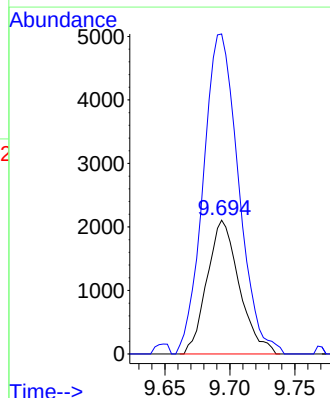
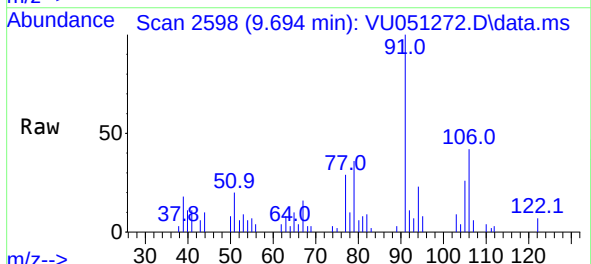
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MSVOA_U
ClientSampleId :
CB8T8

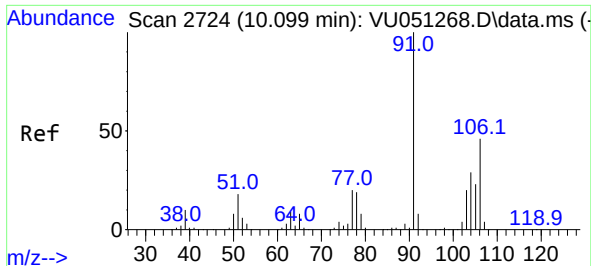
Tgt Ion:112 Resp: 531154
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.5
77 60.7 48.1 72.1



#53
m,p-Xylene
Concen: 0.268 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

Tgt Ion:106 Resp: 3634
Ion Ratio Lower Upper
106 100
91 239.3 143.9 267.3

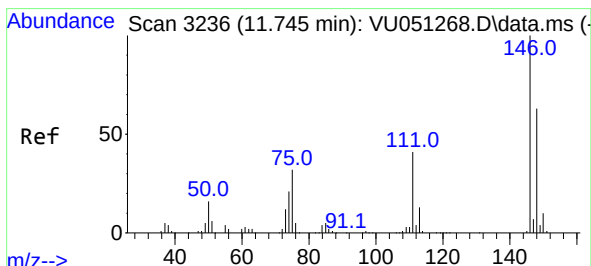
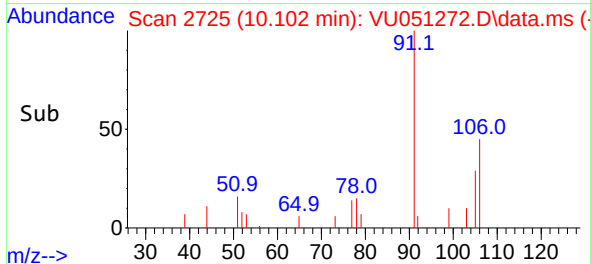
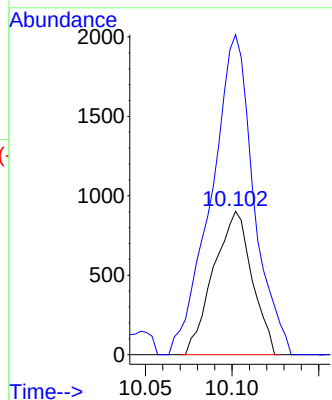
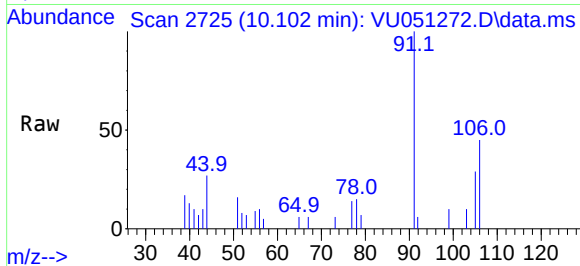




#54
o-Xylene
Concen: 0.109 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

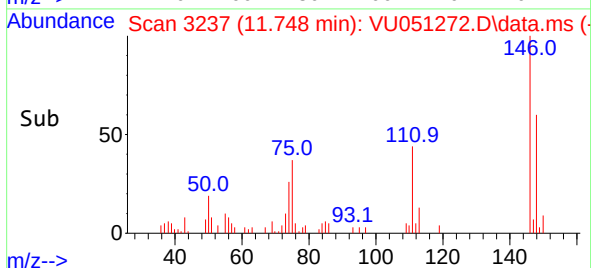
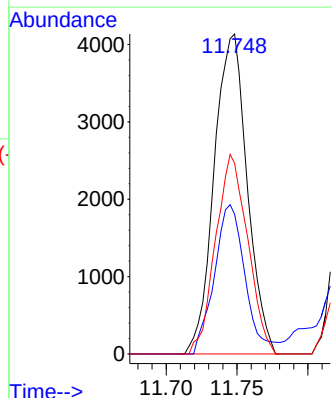
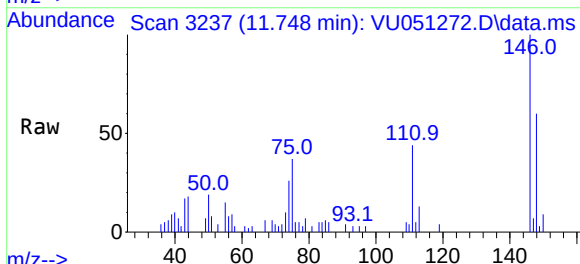
Instrument :
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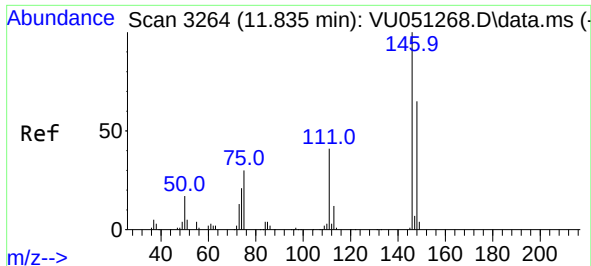
Tgt Ion:106 Resp: 1393
Ion Ratio Lower Upper
106 100
91 223.0 154.4 286.8



#64
1,3-Dichlorobenzene
Concen: 0.452 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

Tgt Ion:146 Resp: 6708
Ion Ratio Lower Upper
146 100
111 43.7 28.3 52.7
148 59.6 43.8 81.4

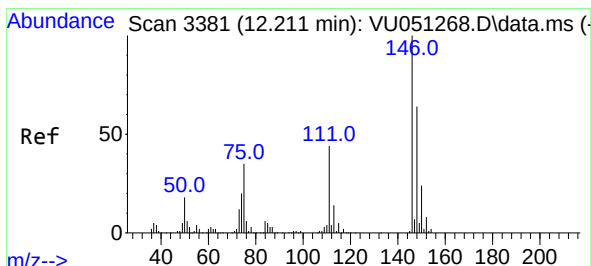
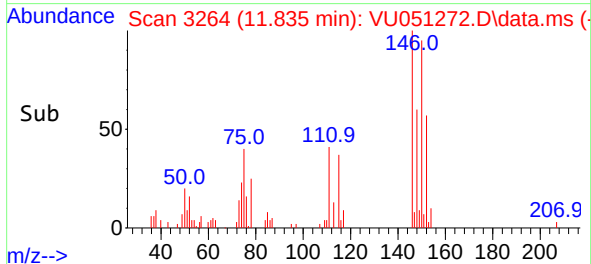
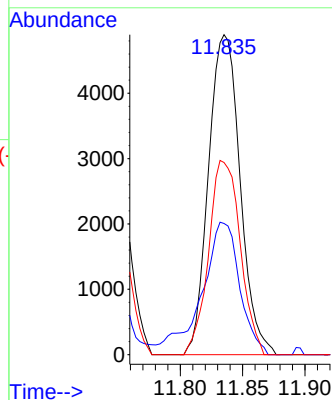
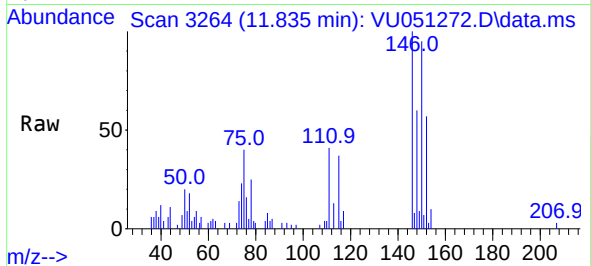




#65
1,4-Dichlorobenzene
Concen: 0.592 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
CB8T8

Tgt Ion:146 Resp: 8651
Ion Ratio Lower Upper
146 100
111 41.0 29.1 54.1
148 60.0 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.257 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051272.D
Acq: 08 Oct 2022 15:16

Tgt Ion:146 Resp: 3711
Ion Ratio Lower Upper
146 100
111 46.2 35.5 53.3
148 58.1 50.9 76.3

