

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
 Data File : VU044402.D
 Acq On : 09 Aug 2021 14:06
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 11:44:28 AM

Quant Time: Aug 10 02:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 10 02:08:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	159510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	159256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	78428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48476	3.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.916	69	58597	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.568	65	23176	4.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.639	46	139506	35.300	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.600%
24) Chloroform-d	5.070	84	112178	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.710	65	59431	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.735	84	234839	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.697	67	72925	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.906	98	205343	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.189	79	21853	3.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.642	63	122511	33.613	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.220%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	56202	4.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.201	152	78628	5.206	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2963	0.207	ug/L #	87
3) Chloromethane	1.520	50	3581	0.233	ug/L	95
5) Vinyl chloride	1.604	62	3560	0.221	ug/L #	51
6) Bromomethane	1.858	94	2031	0.224	ug/L	94
8) Chloroethane	1.935	64	2136m	0.229	ug/L	
9) Trichlorofluoromethane	2.141	101	3990	0.225	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3275	0.306	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	2488	0.237	ug/L #	1
13) Acetone	2.645	43	3195	1.698	ug/L	93
14) Carbon disulfide	2.793	76	5510	0.161	ug/L	96
15) Methyl Acetate	2.970	43	829	0.193	ug/L #	90
16) Methylene chloride	3.051	84	11887	0.851	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	5460	0.190	ug/L	94
18) trans-1,2-Dichloroethene	3.362	96	2405	0.215	ug/L	82
19) 1,1-Dichloroethane	3.877	63	4173	0.207	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	2805	0.229	ug/L	91
23) Bromochloromethane	4.983	128	1066	0.201	ug/L #	78
25) Chloroform	5.099	83	6298	0.303	ug/L	95
27) 1,2-Dichloroethane	5.800	62	2942	0.216	ug/L	98

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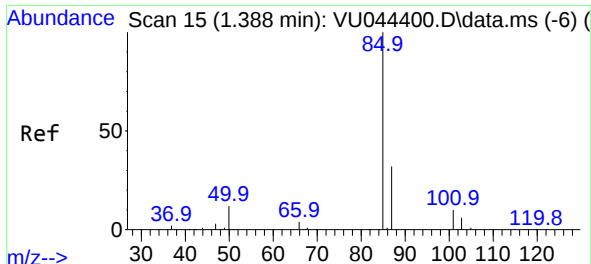
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Quant Time: Aug 10 02:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

29) 1,1,1-Trichloroethane	5.324	97	3585	0.207	ug/L	98
30) Cyclohexane	5.398	56	3345	0.166	ug/L	88
31) Carbon tetrachloride	5.533	117	3118	0.216	ug/L	98
33) Benzene	5.780	78	10384	0.214	ug/L	100
34) Trichloroethene	6.549	95	2437	0.201	ug/L	83
35) Methylcyclohexane	6.771	83	4067	0.192	ug/L	94
37) 1,2-Dichloropropane	6.800	63	2338	0.189	ug/L #	93
38) Bromodichloromethane	7.115	83	3431	0.229	ug/L	92
39) cis-1,3-Dichloropropene	7.613	75	3394	0.189	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	13806	1.593	ug/L #	88
42) Toluene	7.976	91	13122	0.259	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	3833	0.251	ug/L	87
45) 1,1,2-Trichloroethane	8.410	97	1878	0.205	ug/L	88
47) Tetrachloroethene	8.562	164	2026	0.228	ug/L	92
48) 2-Hexanone	8.697	43	14278	2.279	ug/L	99
49) Dibromochloromethane	8.816	129	2113	0.216	ug/L	86
50) 1,2-Dibromoethane	8.931	107	1701	0.191	ug/L #	97
51) Chlorobenzene	9.452	112	7104	0.226	ug/L	94
52) Ethylbenzene	9.574	91	11021	0.204	ug/L	99
53) m,p-Xylene	9.700	106	4095	0.196	ug/L	85
54) o-Xylene	10.108	106	4021	0.198	ug/L	100
55) Styrene	10.121	104	6429	0.185	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	2456	0.204	ug/L #	82
59) Bromoform	10.298	173	986	0.198	ug/L #	97
60) Isopropylbenzene	10.491	105	10699	0.213	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	1626	0.193	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	8230	0.196	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	8481	0.197	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	5450	0.237	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	5514	0.235	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	5174	0.234	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	4252	0.248	ug/L	96
70) 1,2,4-trichlorobenzene	13.851	180	3142	0.216	ug/L	93
71) Naphthalene	14.095	128	5411	0.190	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.339	180	3121	0.237	ug/L	93

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



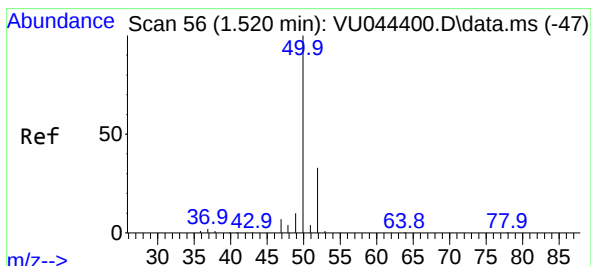
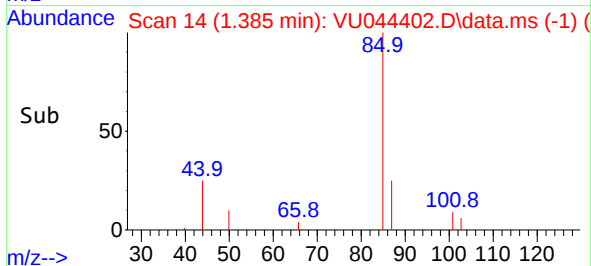
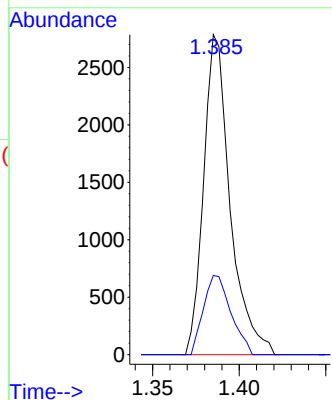
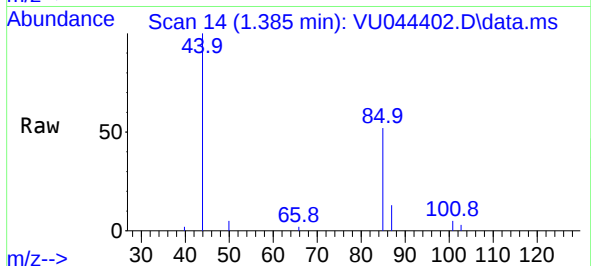
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Dichlorodifluoromethane
Concen: 0.207 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 85 Resp: 2963
Ion Ratio Lower Upper
85 100
87 25.6 26.2 39.2#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07

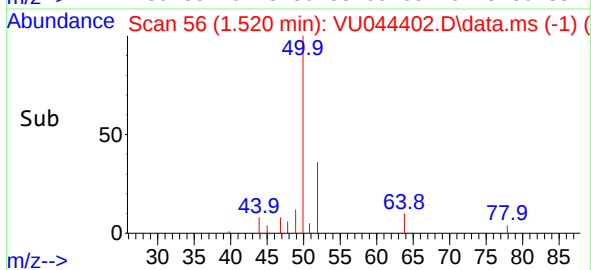
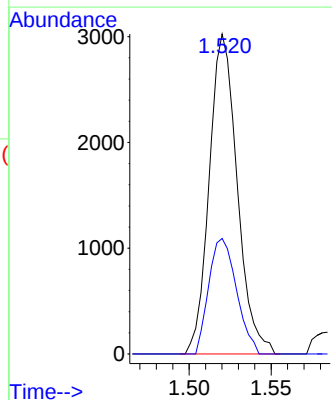
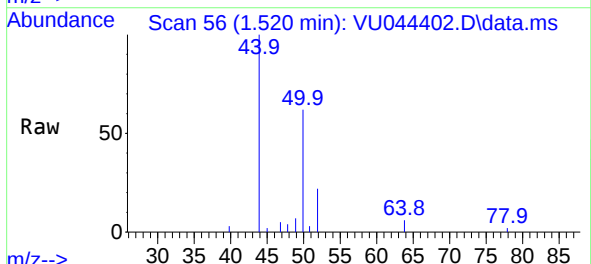
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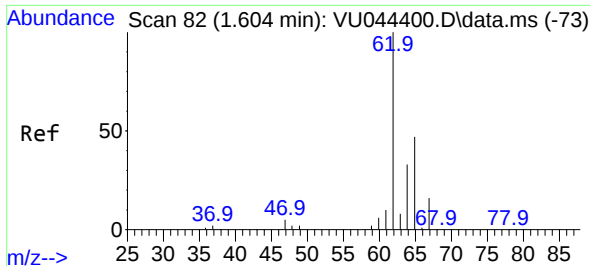
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#3
Chloromethane
Concen: 0.233 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 50 Resp: 3581
Ion Ratio Lower Upper
50 100
52 36.1 23.2 43.0





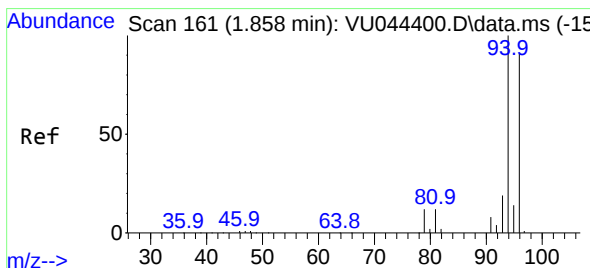
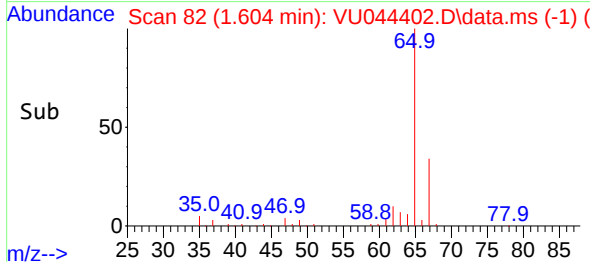
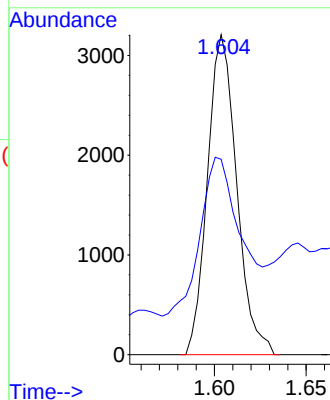
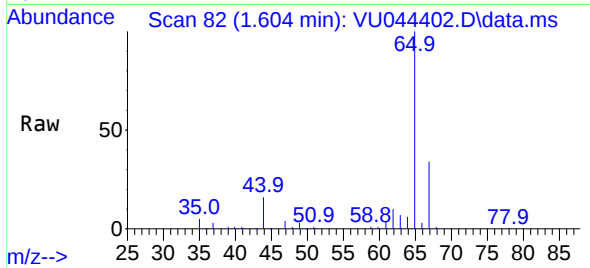
#5
 Vinyl chloride
 Concen: 0.221 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU044402.D
 Acq: 09 Aug 2021 14:06

Tgt Ion: 62 Resp: 3560
 Ion Ratio Lower Upper
 62 100
 64 61.0 23.2 43.2#

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-07

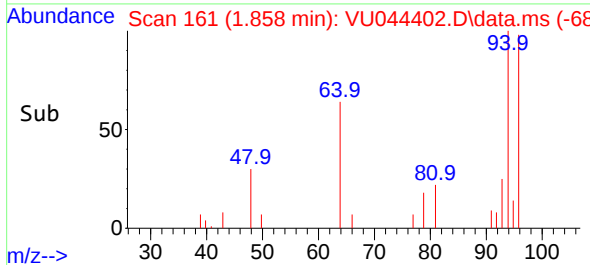
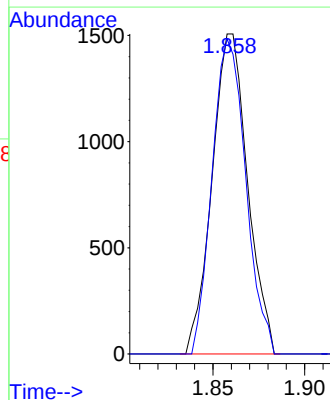
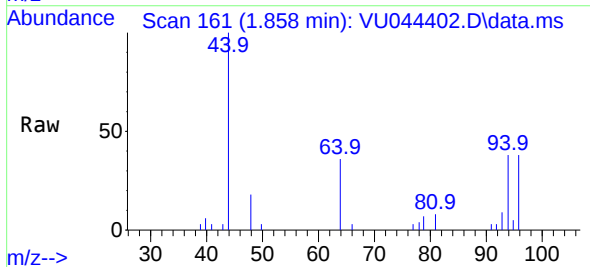
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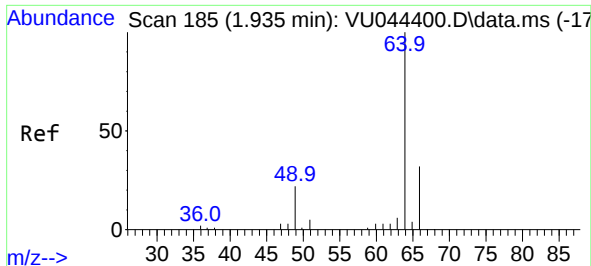
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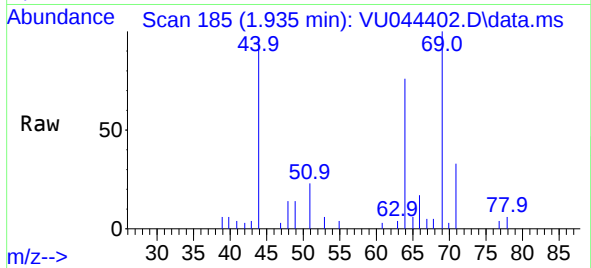
#6
 Bromomethane
 Concen: 0.224 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU044402.D
 Acq: 09 Aug 2021 14:06

Tgt Ion: 94 Resp: 2031
 Ion Ratio Lower Upper
 94 100
 96 98.4 64.5 119.9

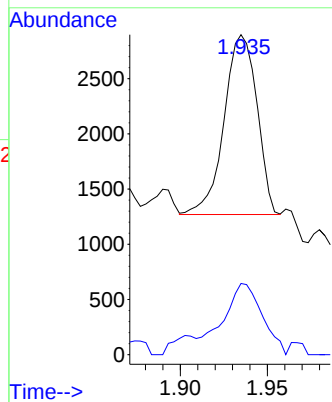
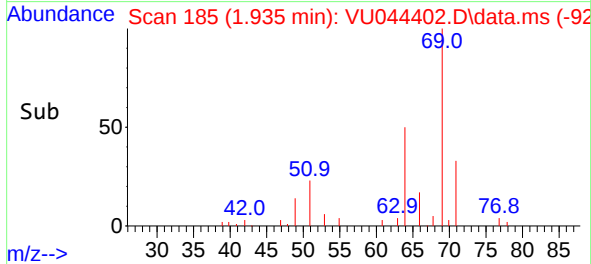




#8
Chloroethane
Concen: 0.229 ug/L m
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



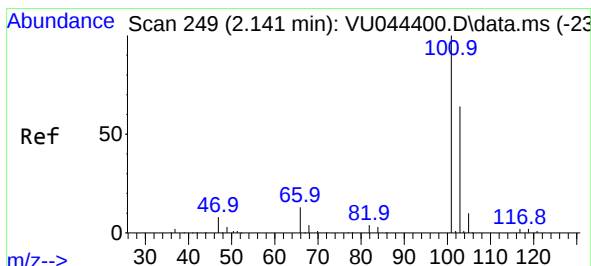
Tgt Ion: 64 Resp: 2136
Ion Ratio Lower Upper
64 100
66 22.3 22.6 42.0#



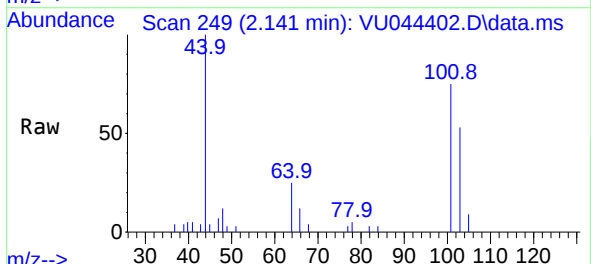
Instrument :
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ClientSampleId :
MDL-WATER-QT4-2021-07

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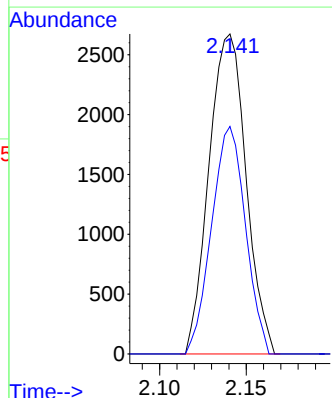
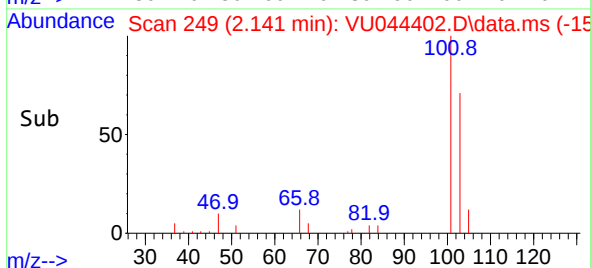
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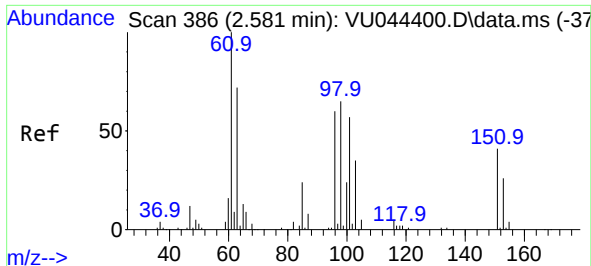


#9
Trichlorofluoromethane
Concen: 0.225 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



Tgt Ion: 101 Resp: 3990
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1





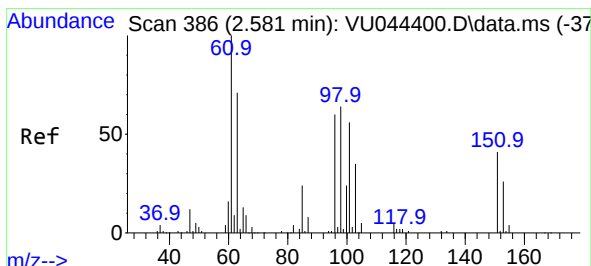
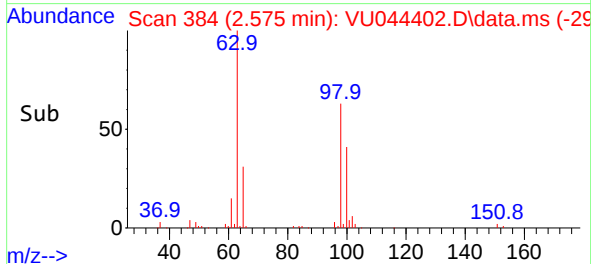
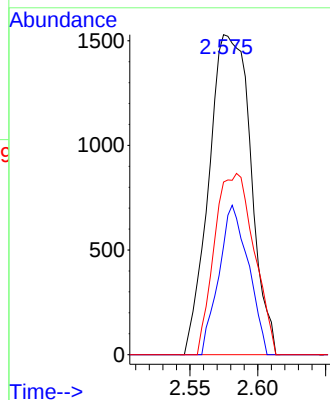
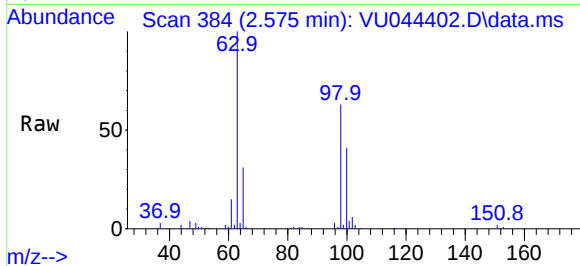
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.306 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 101 Resp: 3275
Ion Ratio Lower Upper
101 100
85 33.0 34.2 51.4#
151 53.6 54.8 82.2#

Instrument :
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ClientSampleId :
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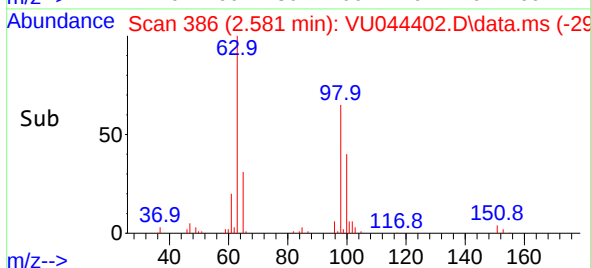
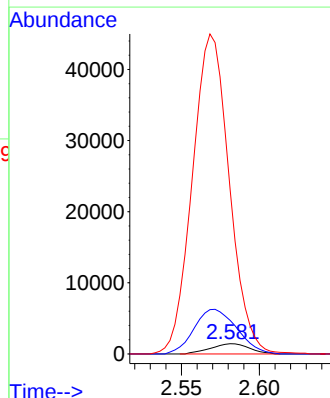
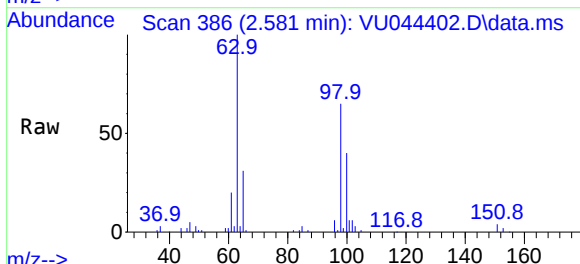
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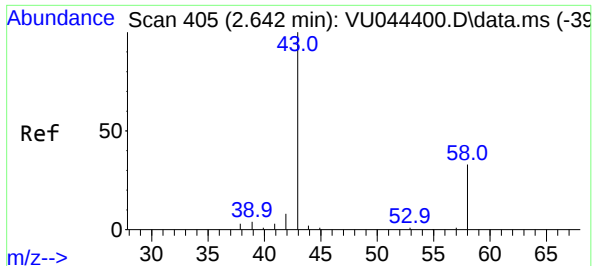
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#12
1,1-Dichloroethene
Concen: 0.237 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

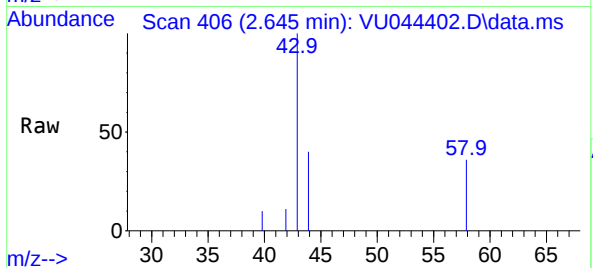
Tgt Ion: 96 Resp: 2488
Ion Ratio Lower Upper
96 100
61 327.3 118.3 219.7#
63 1604.4 85.7 159.1#





#13
Acetone
Concen: 1.698 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

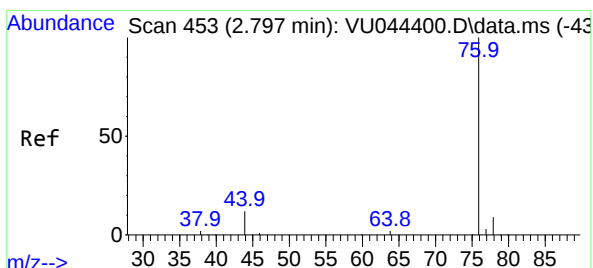
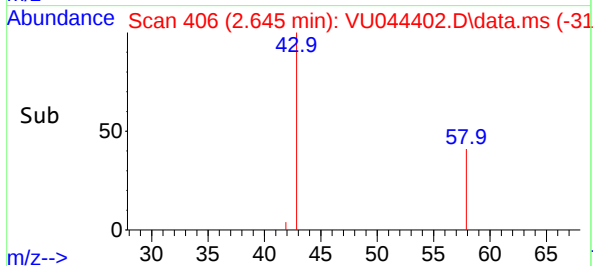
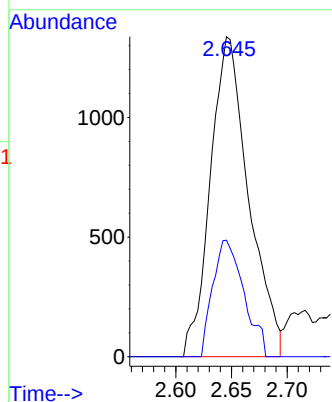
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07



Tgt Ion: 43 Resp: 3195
Ion Ratio Lower Upper
43 100
58 29.5 0.0 67.2

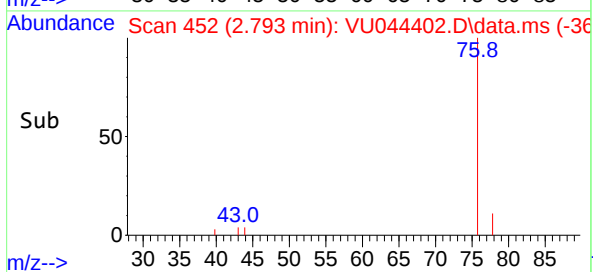
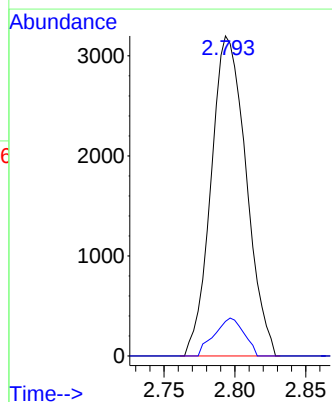
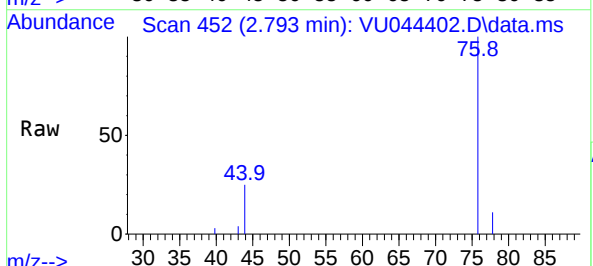
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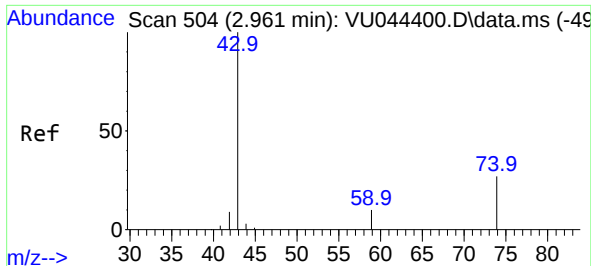
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8/10/2021 11:44:28 AM



#14
Carbon disulfide
Concen: 0.161 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 76 Resp: 5510
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0





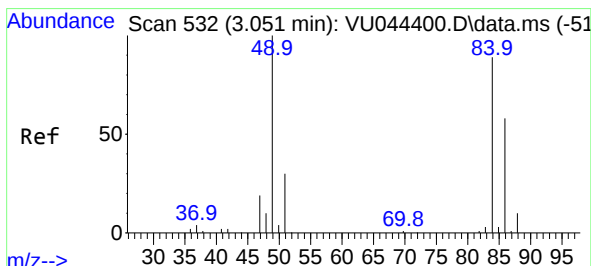
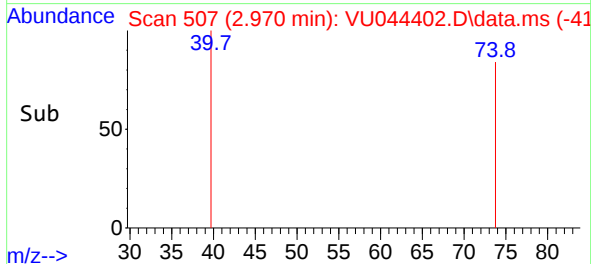
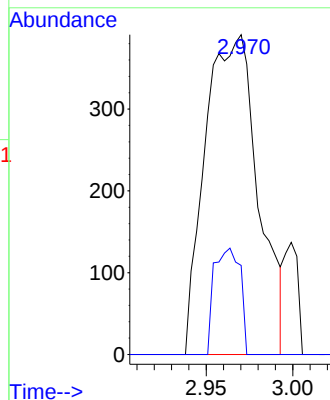
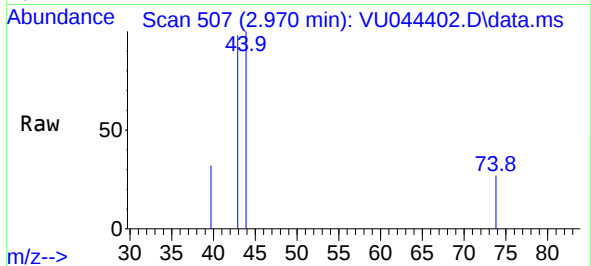
#15
Methyl Acetate
Concen: 0.193 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.010 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
74 16.3 16.7 25.1#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07

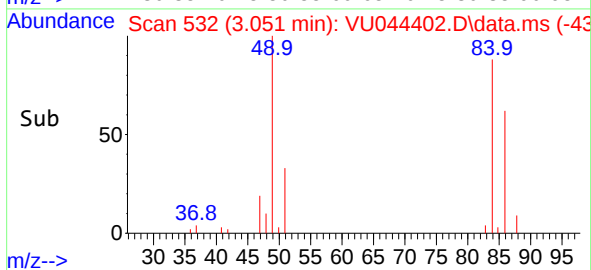
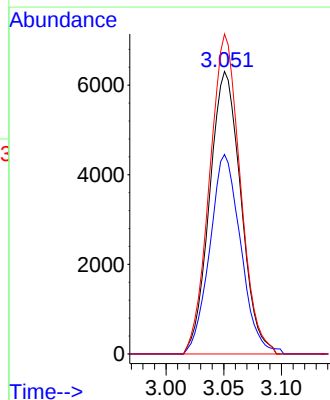
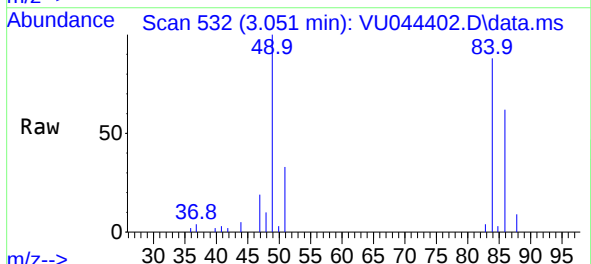
Manual Integrations
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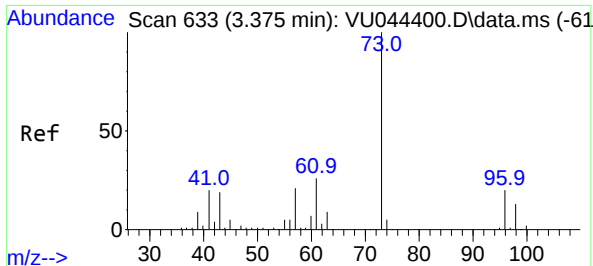
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#16
Methylene chloride
Concen: 0.851 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 84 Resp: 11887
Ion Ratio Lower Upper
84 100
86 70.6 45.2 84.0
49 113.3 81.8 152.0





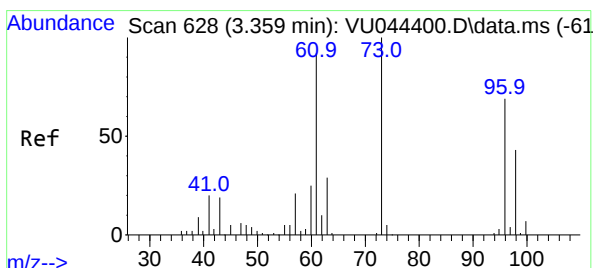
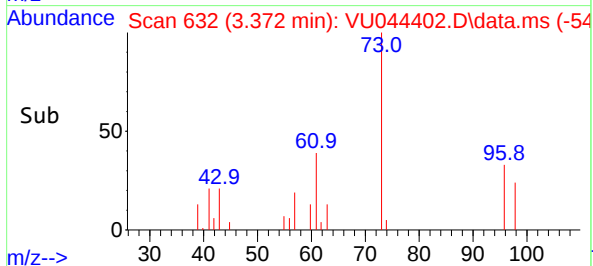
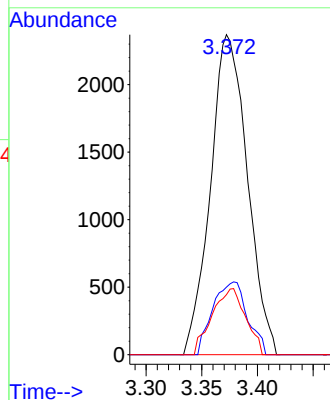
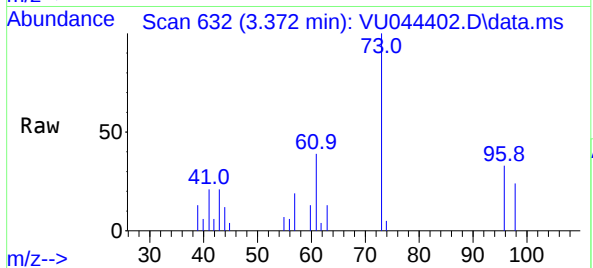
#17
Methyl tert-butyl Ether
Concen: 0.190 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 73	Resp: 5460
Ion Ratio	Lower Upper
73 100	
43 21.4	15.3 22.9
57 18.8	17.4 26.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07

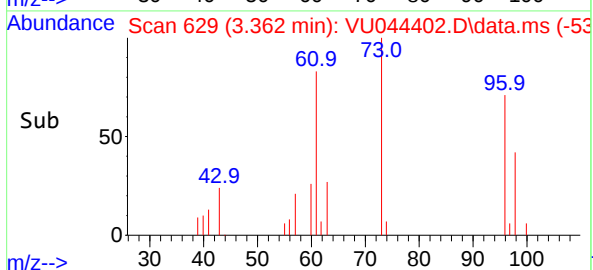
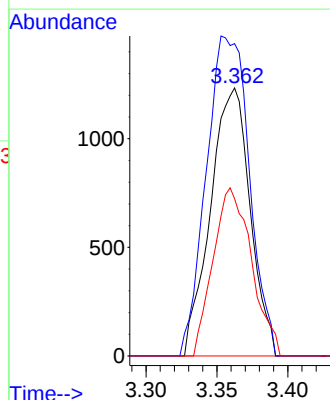
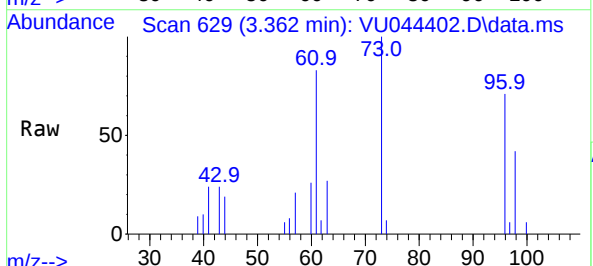
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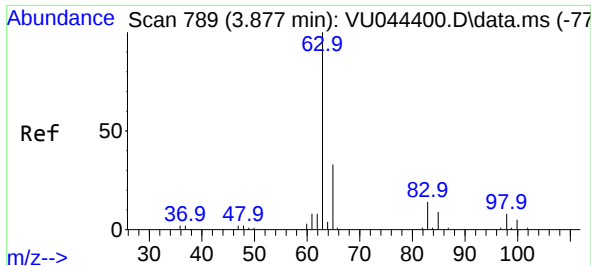
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#18
trans-1,2-Dichloroethene
Concen: 0.215 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 96	Resp: 2405		
Ion Ratio	Lower	Upper	
96	100		
61	116.5	101.4	188.4
98	58.7	44.4	82.4





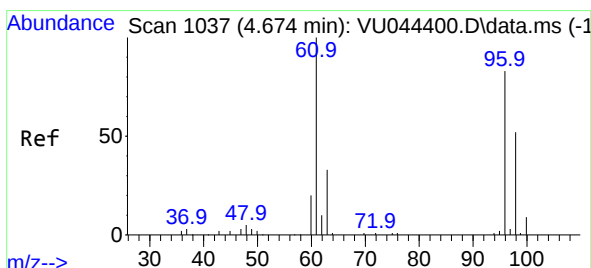
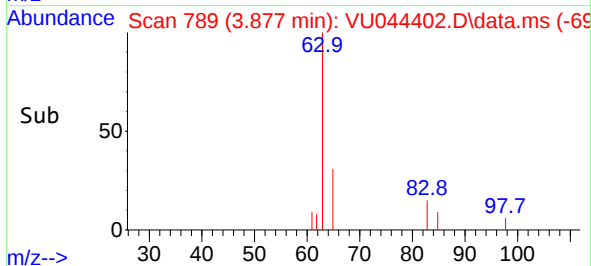
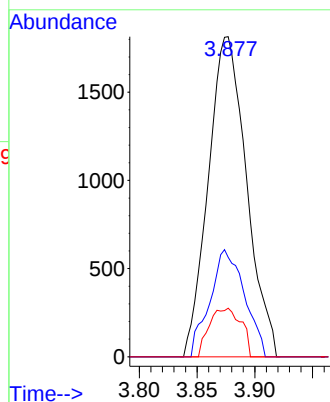
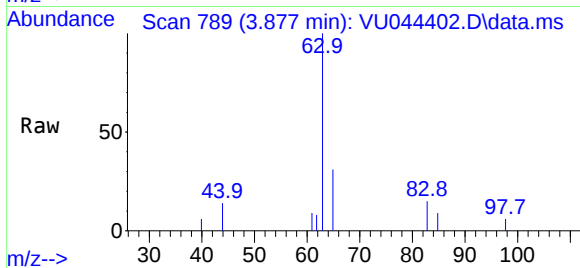
#19
1,1-Dichloroethane
Concen: 0.207 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:	63	Resp:	4173
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.1	41.1
83	15.2	9.7	17.9

Instrument :
MSVOA_U
ClientSampleId :
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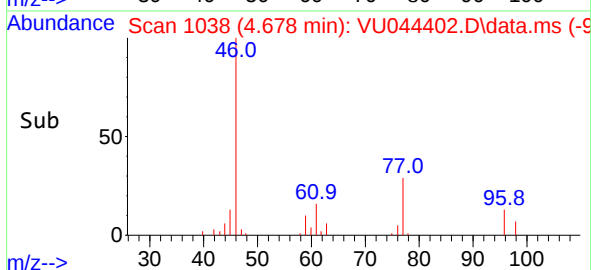
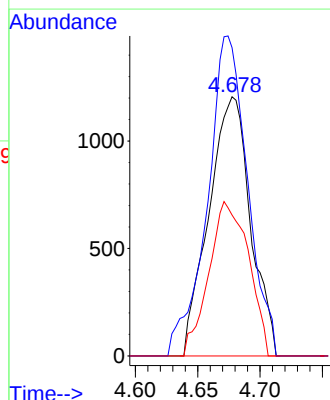
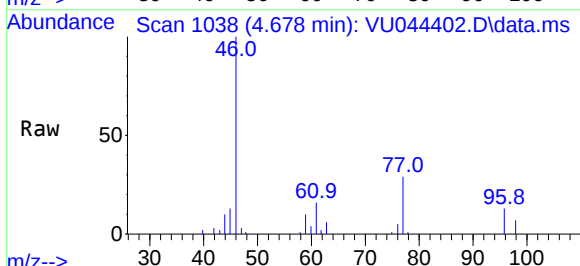
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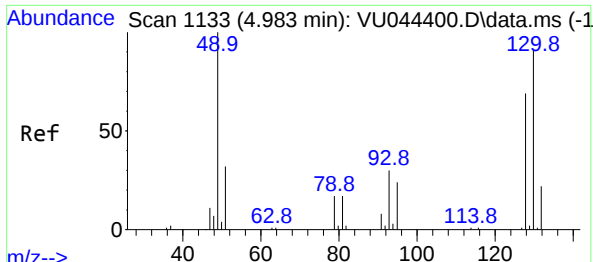
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#22
cis-1,2-Dichloroethene
Concen: 0.229 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

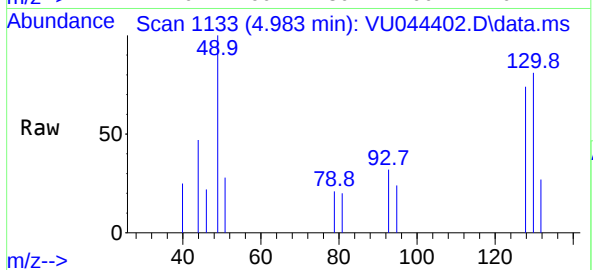
Tgt Ion:	96	Resp:	2805
Ion	Ratio	Lower	Upper
96	100		
61	119.0	89.9	166.9
98	54.4	44.1	81.9





#23
Bromochloromethane
Concen: 0.201 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

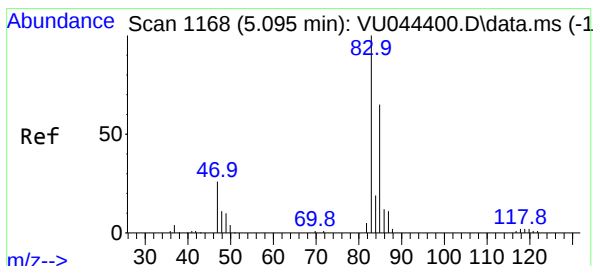
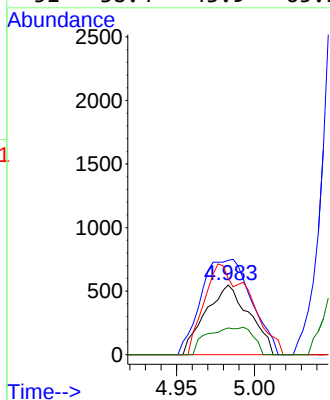
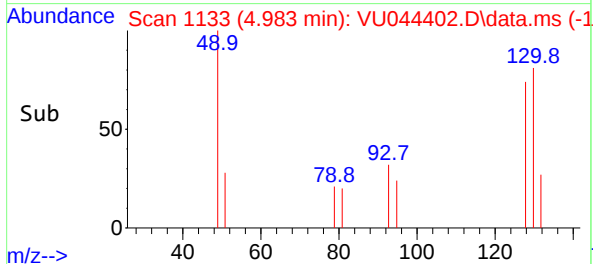
Instrument :
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ClientSampleId :
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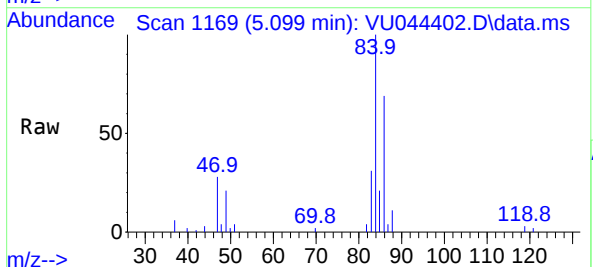
Tgt Ion:128 Resp: 1066
Ion Ratio Lower Upper
128 100
49 135.8 117.4 218.0
130 110.1 93.6 173.8
51 38.4 43.9 65.9#

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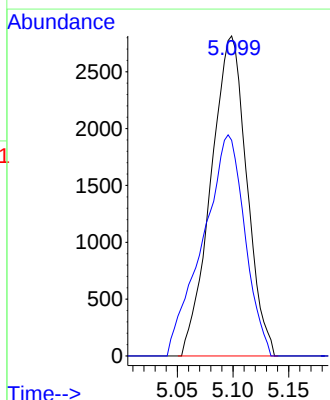
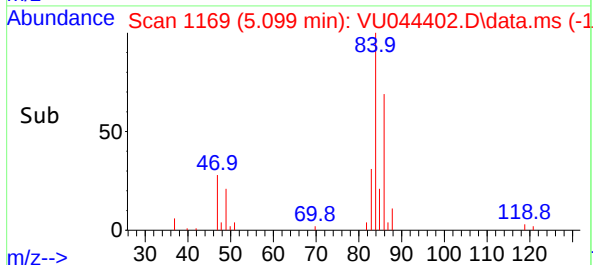
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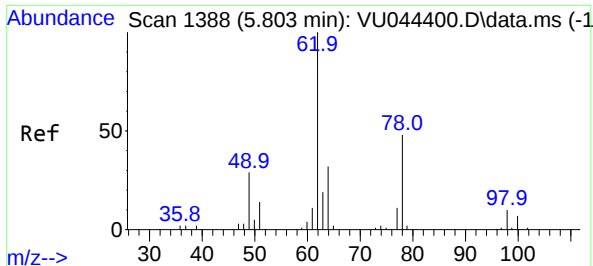


#25
Chloroform
Concen: 0.303 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



Tgt Ion: 83 Resp: 6298
Ion Ratio Lower Upper
83 100
85 67.4 44.7 82.9





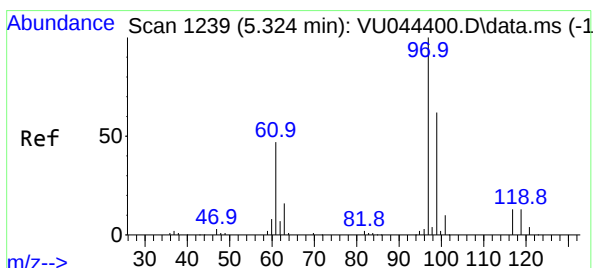
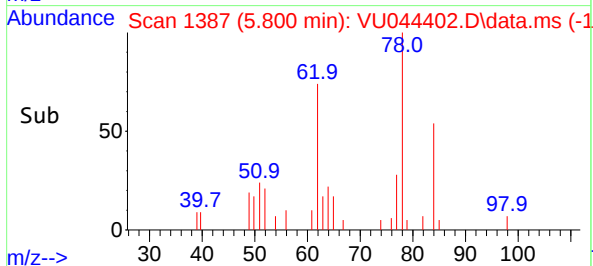
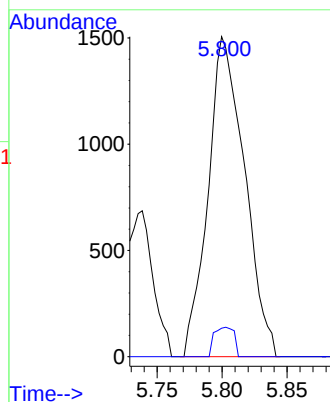
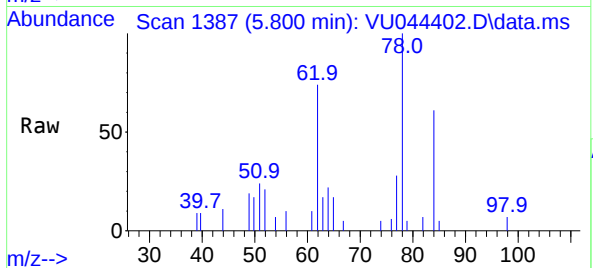
#27
1,2-Dichloroethane
Concen: 0.216 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 62 Resp: 2942
Ion Ratio Lower Upper
62 100
98 8.9 7.8 11.6

Instrument :
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ClientSampleId :
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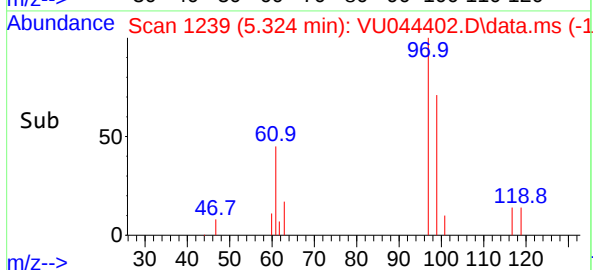
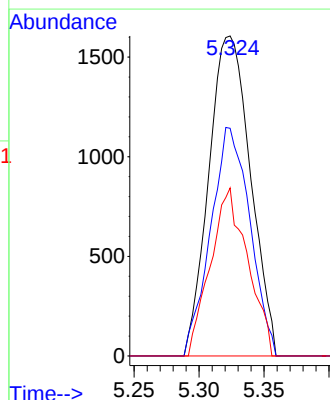
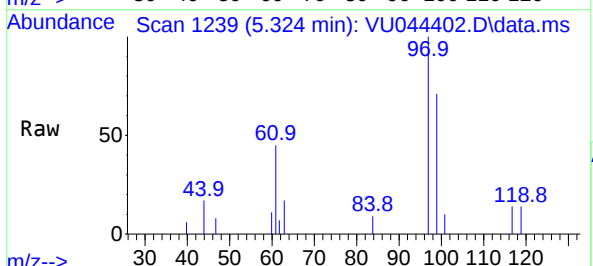
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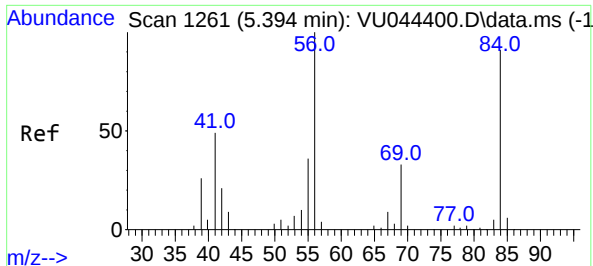
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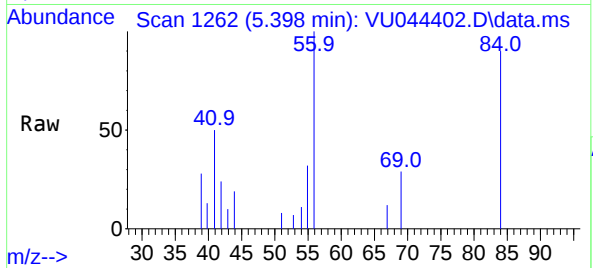
#29
1,1,1-Trichloroethane
Concen: 0.207 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 97 Resp: 3585
Ion Ratio Lower Upper
97 100
99 67.3 52.6 78.8
61 46.9 36.9 55.3

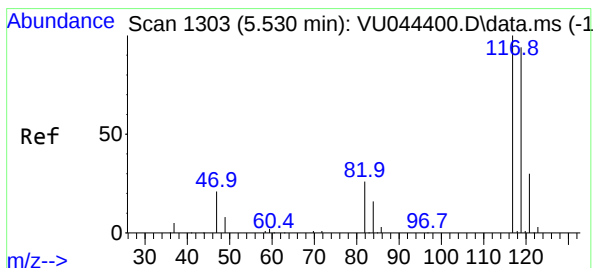
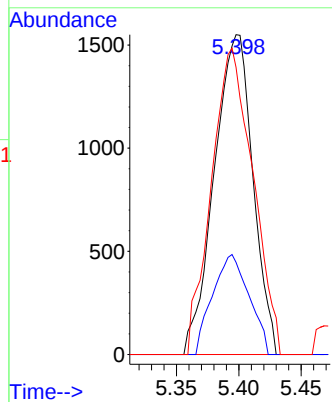
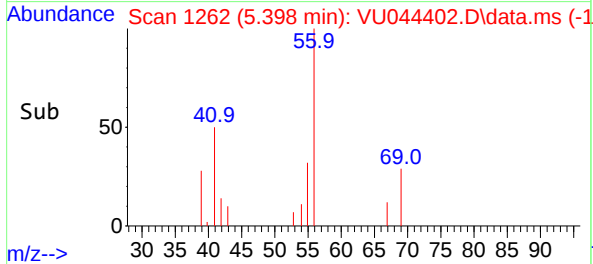




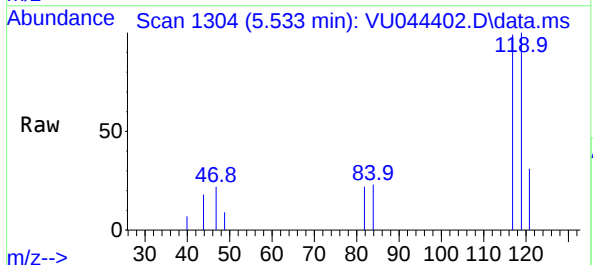
#30
Cyclohexane
Concen: 0.166 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



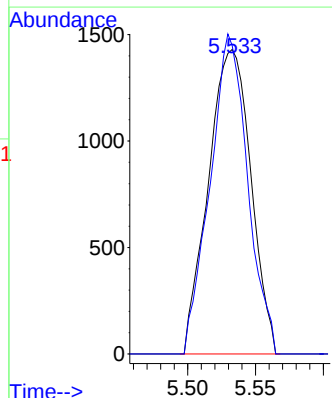
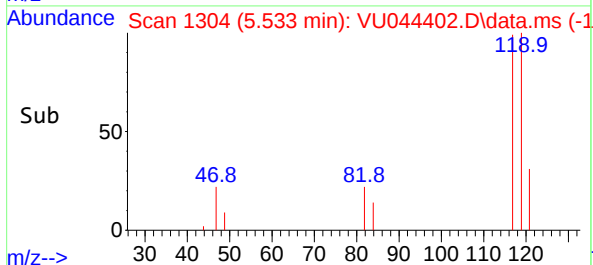
Tgt Ion: 56 Resp: 3345
Ion Ratio Lower Upper
56 100
69 29.6 24.8 37.2
84 102.6 71.0 106.6



#31
Carbon tetrachloride
Concen: 0.216 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



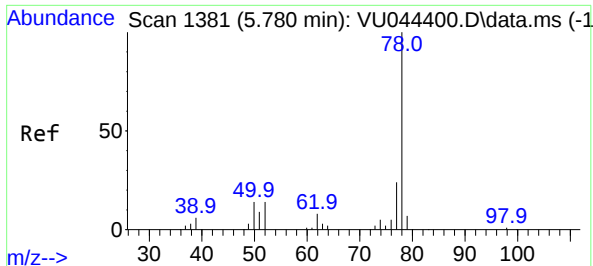
Tgt Ion: 117 Resp: 3118
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.6



Instrument :
MSVOA_U
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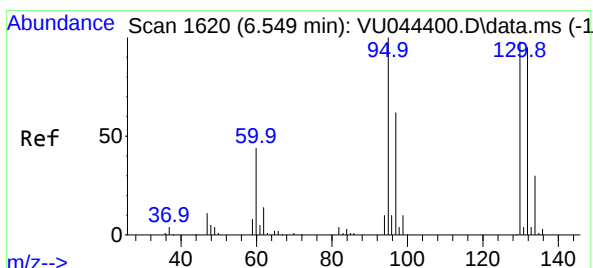
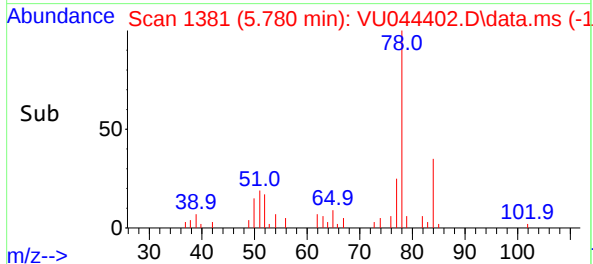
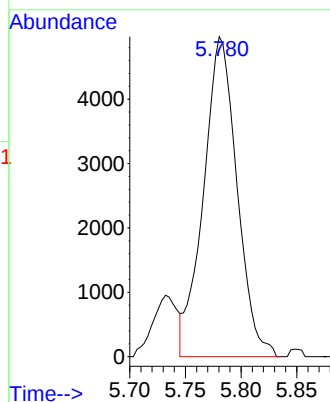
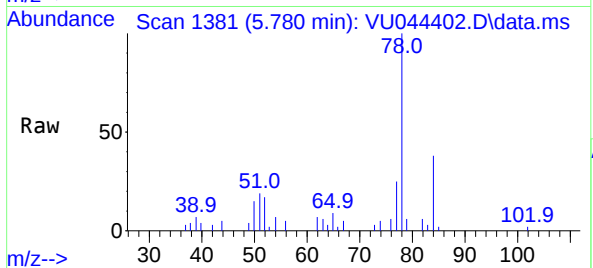
#33
Benzene
Concen: 0.214 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 78 Resp: 10384

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07

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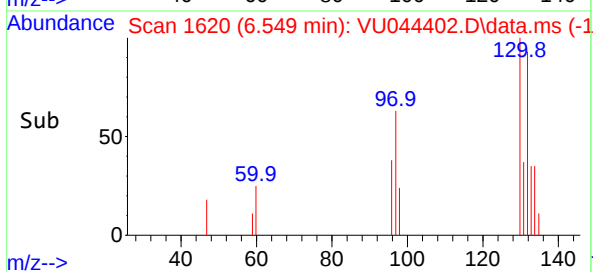
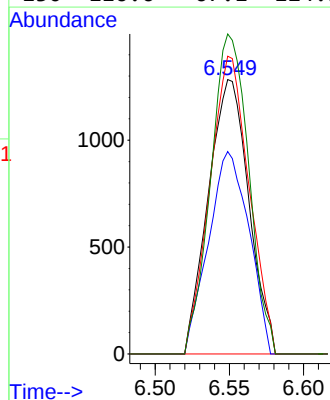
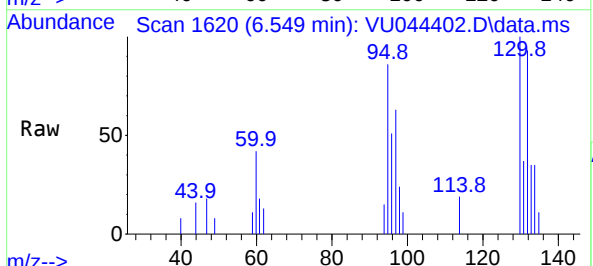
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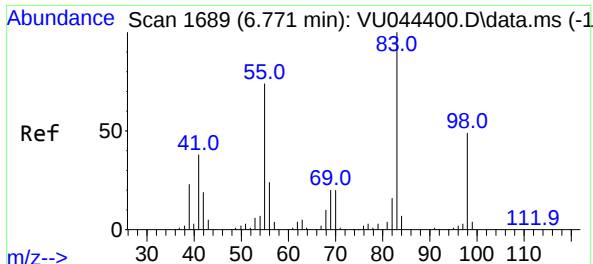


#34
Trichloroethene
Concen: 0.201 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

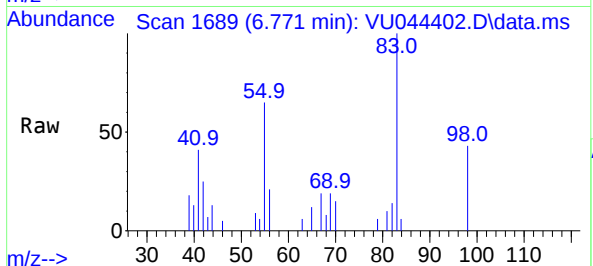
Tgt Ion: 95 Resp: 2437

Ion	Ratio	Lower	Upper
95	100		
97	73.8	45.4	84.4
132	108.5	64.8	120.4
130	116.6	67.1	124.5

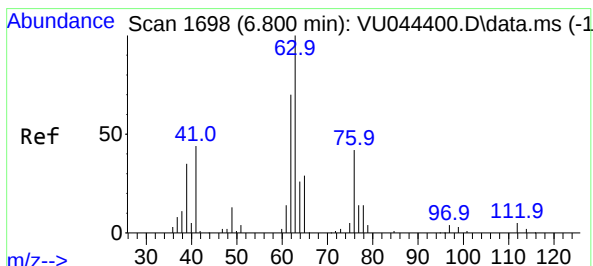
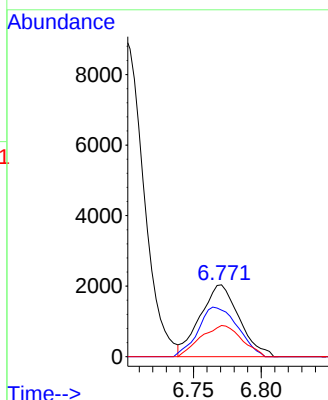
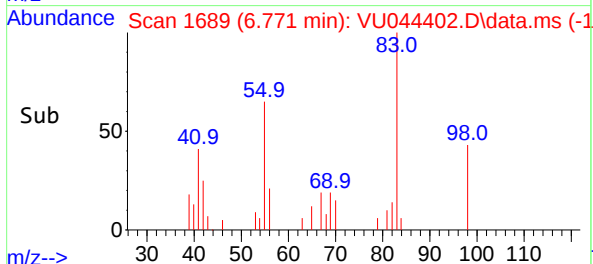




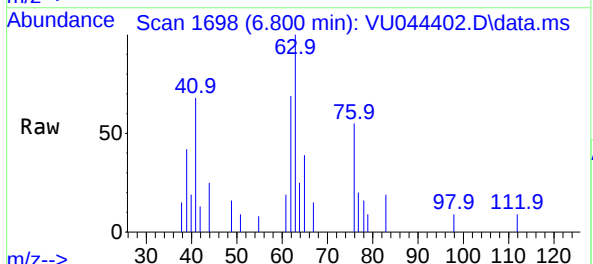
#35
Methylcyclohexane
Concen: 0.192 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



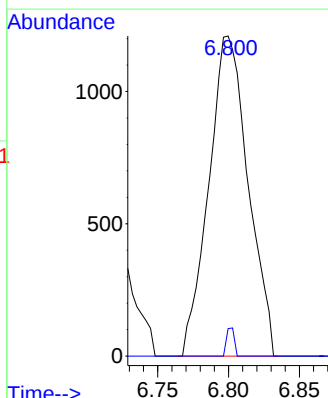
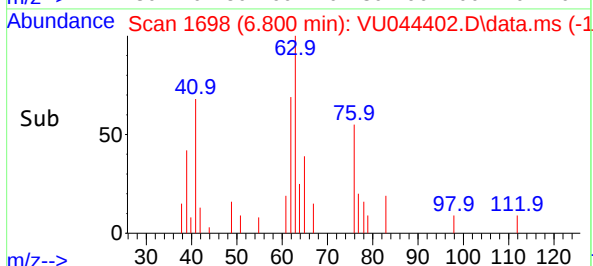
Tgt Ion: 83 Resp: 4067
Ion Ratio Lower Upper
83 100
55 70.2 61.4 92.0
98 45.7 38.2 57.2



#37
1,2-Dichloropropane
Concen: 0.189 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



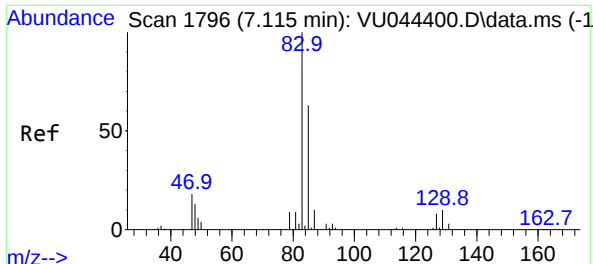
Tgt Ion: 63 Resp: 2338
Ion Ratio Lower Upper
63 100
112 1.8 3.2 4.8#



Instrument :
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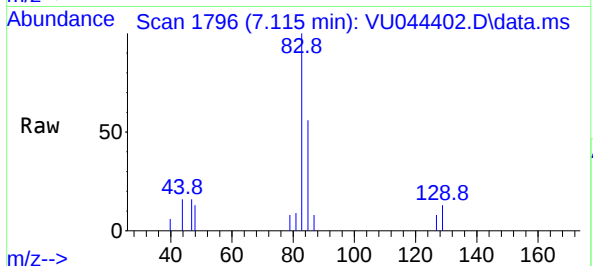
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#38
Bromodichloromethane
Concen: 0.229 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

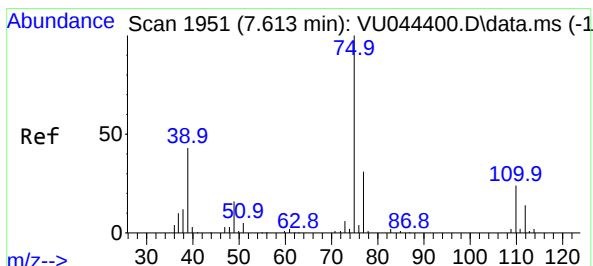
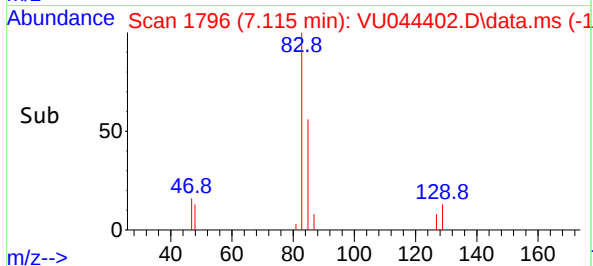
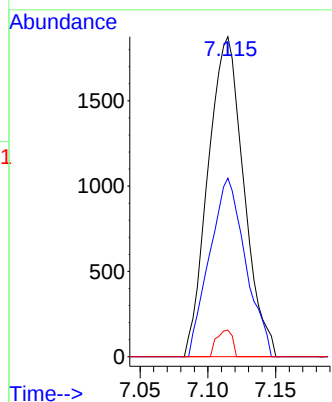
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07



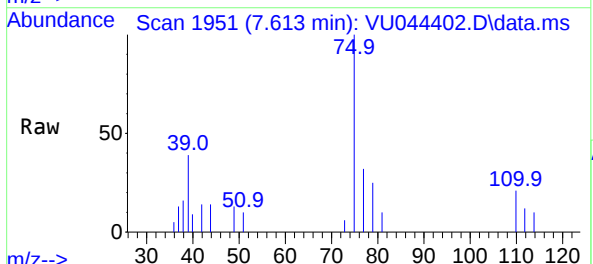
Tgt Ion: 83 Resp: 3431
Ion Ratio Lower Upper
83 100
85 55.8 44.0 81.6
127 8.3 6.6 10.0

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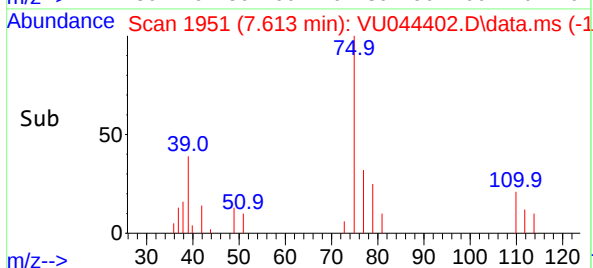
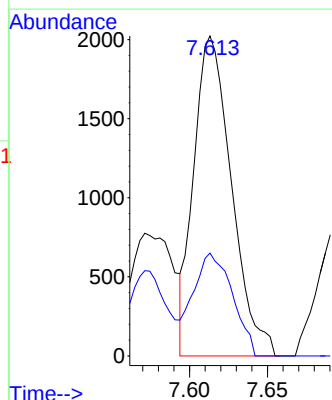
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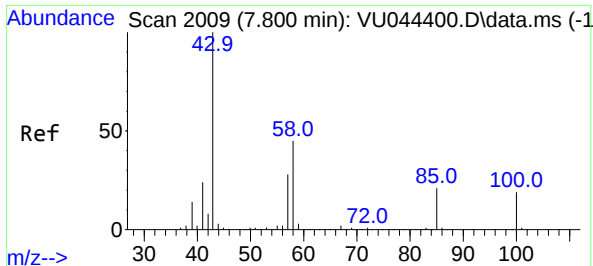


#39
cis-1,3-Dichloropropene
Concen: 0.189 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



Tgt Ion: 75 Resp: 3394
Ion Ratio Lower Upper
75 100
77 32.1 22.3 41.5





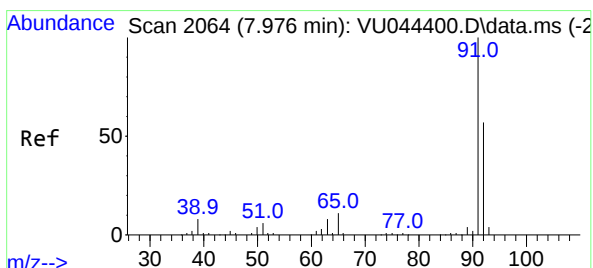
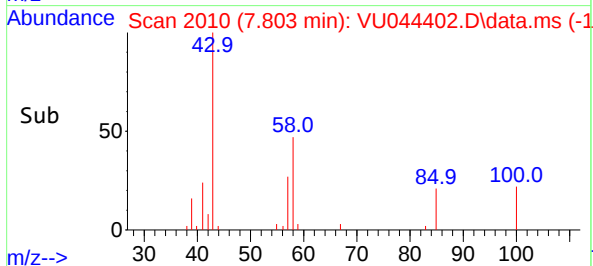
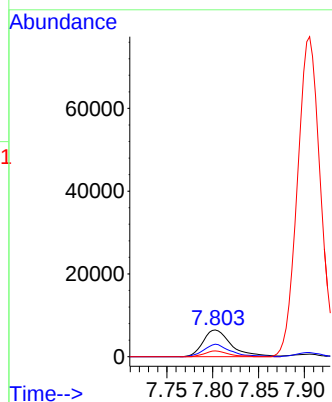
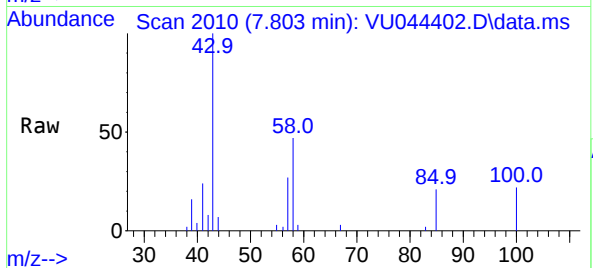
#40
4-Methyl-2-pentanone
Concen: 1.593 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:	43	Resp:	13806
Ion	Ratio	Lower	Upper
43	100		
58	43.8	34.6	52.0
100	0.0	13.9	20.9#

Instrument :
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ClientSampleId :
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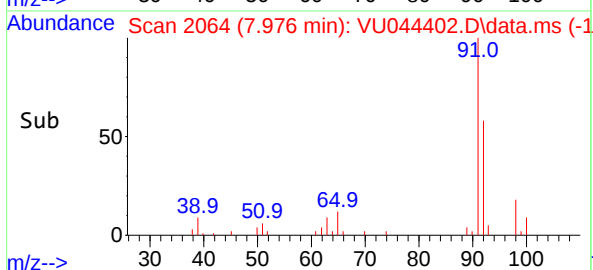
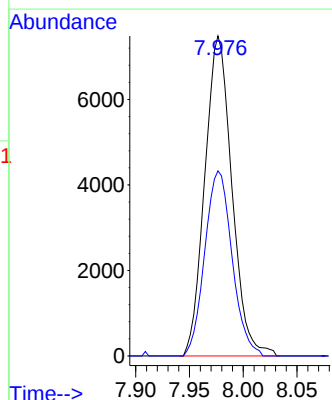
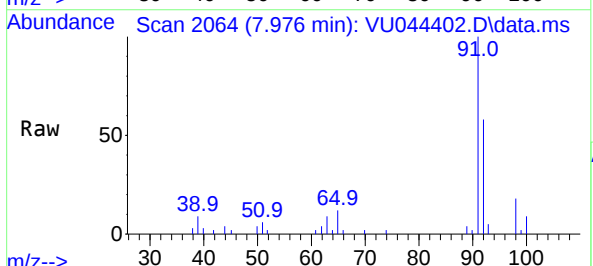
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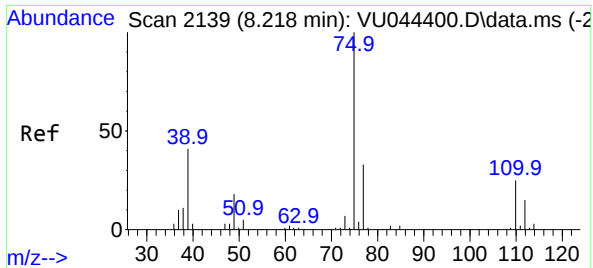
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#42
Toluene
Concen: 0.259 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:	91	Resp:	13122
Ion	Ratio	Lower	Upper
91	100		
92	57.9	41.3	76.7





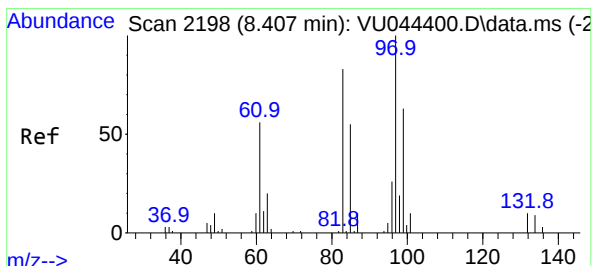
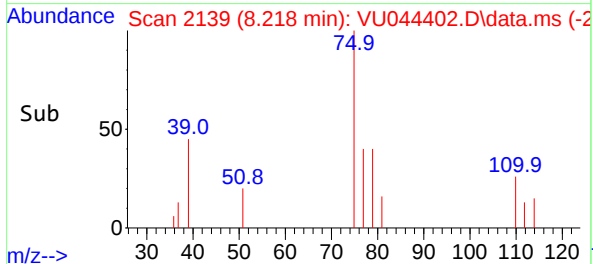
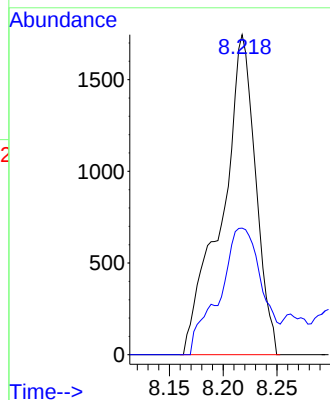
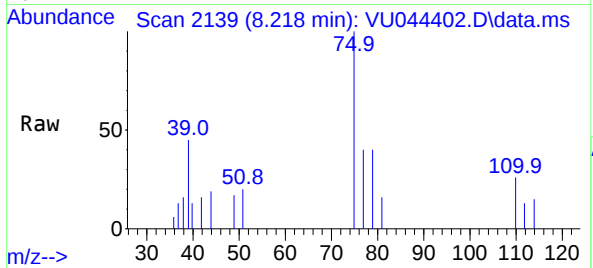
#44
trans-1,3-Dichloropropene
Concen: 0.251 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 75 Resp: 3833
Ion Ratio Lower Upper
75 100
77 39.5 22.5 41.7

Instrument :
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ClientSampleId :
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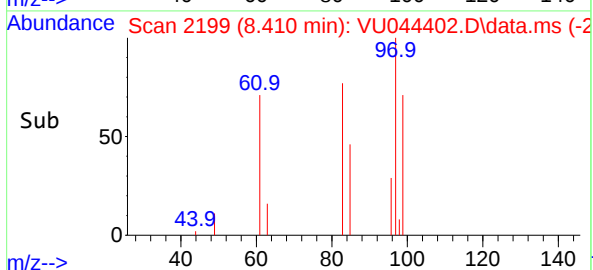
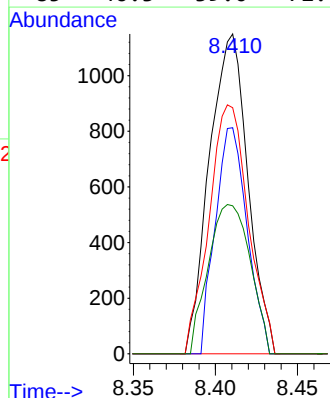
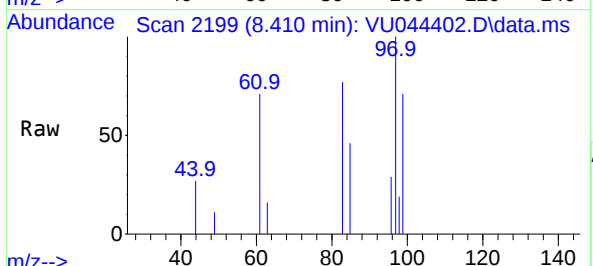
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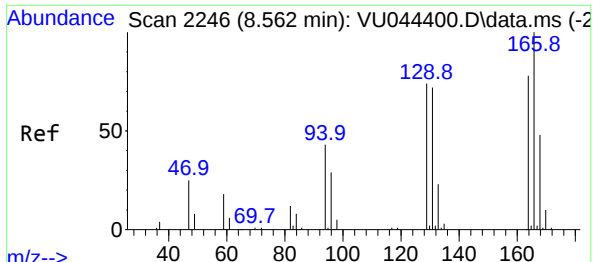
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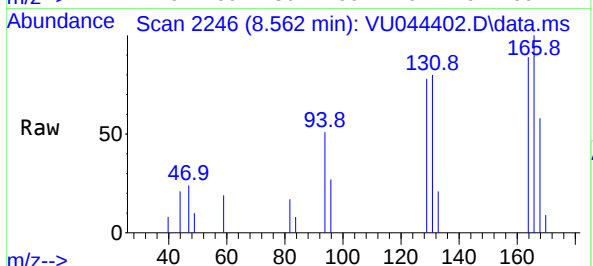
#45
1,1,2-Trichloroethane
Concen: 0.205 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 97 Resp: 1878
Ion Ratio Lower Upper
97 100
99 70.7 44.0 81.6
83 77.0 62.2 115.4
85 46.3 39.0 72.4



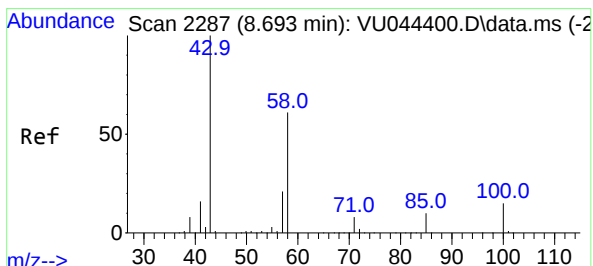
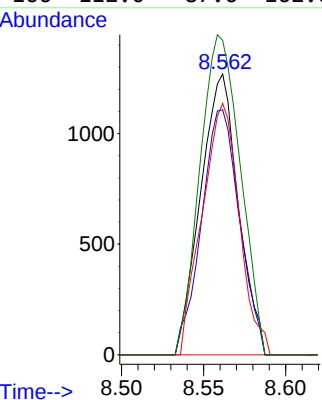
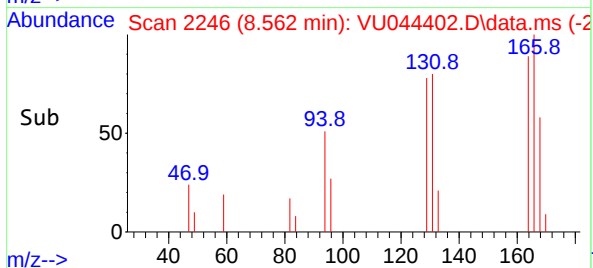


#47
Tetrachloroethene
Concen: 0.228 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

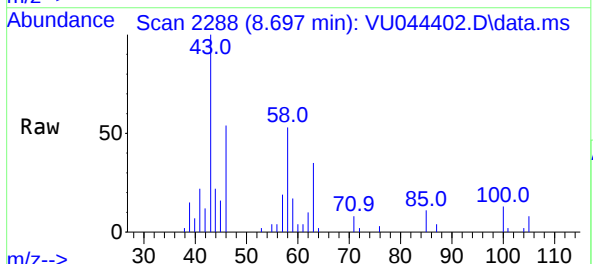


Tgt Ion: 164 Resp: 2026

Ion	Ratio	Lower	Upper
164	100		
129	87.3	67.8	126.0
131	89.5	64.7	120.1
166	112.0	87.6	162.6

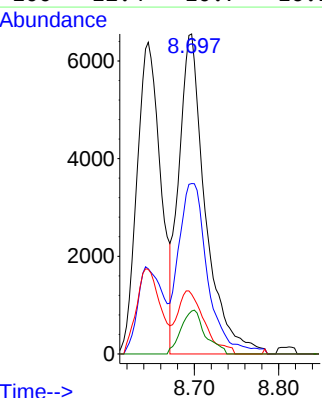
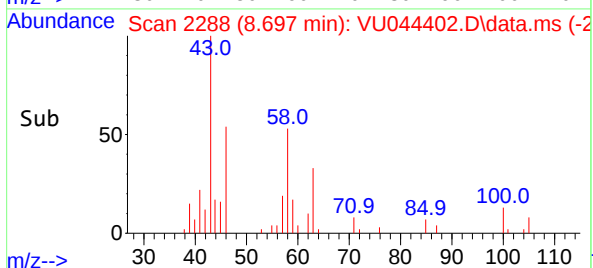


#48
2-Hexanone
Concen: 2.279 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



Tgt Ion: 43 Resp: 14278

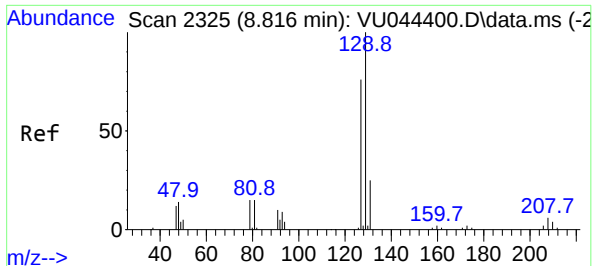
Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.3	70.9
57	20.3	16.6	24.8
100	12.4	10.7	16.1



Instrument :
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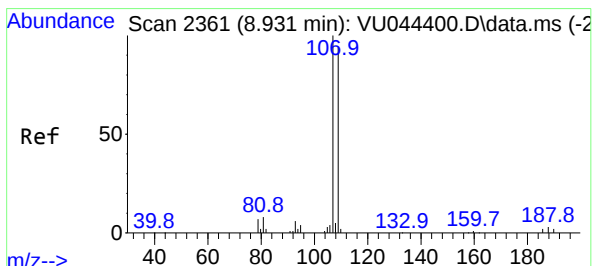
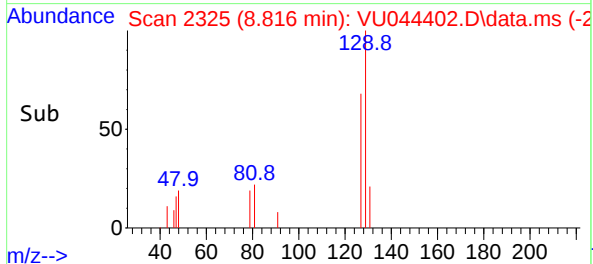
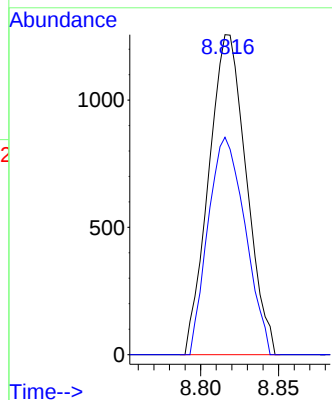
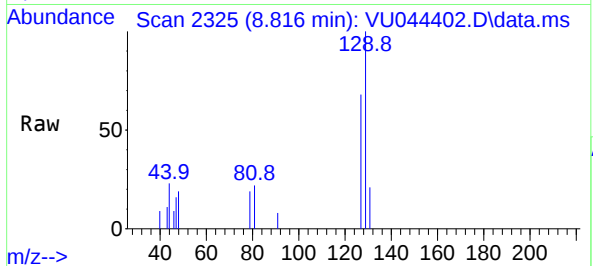
#49
Dibromochloromethane
Concen: 0.216 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:129 Resp: 2113
Ion Ratio Lower Upper
129 100
127 67.9 56.4 104.8

Instrument :
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ClientSampleId :
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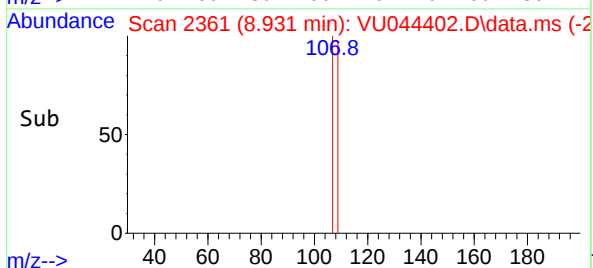
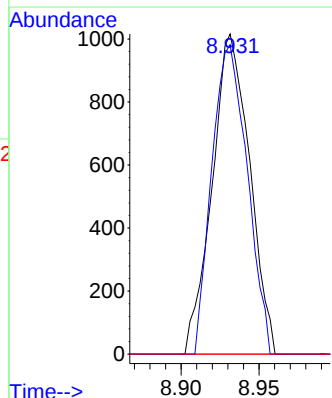
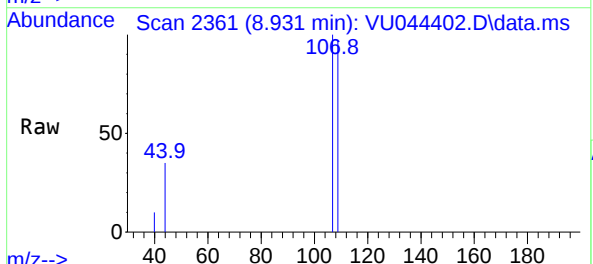
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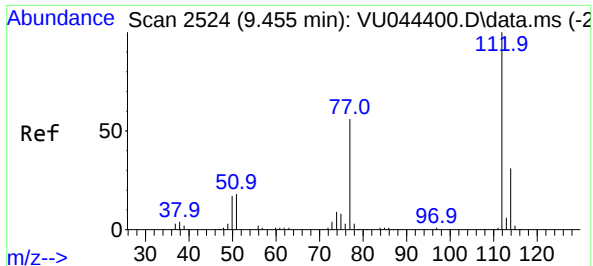
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#50
1,2-Dibromoethane
Concen: 0.191 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:107 Resp: 1701
Ion Ratio Lower Upper
107 100
109 96.7 66.0 122.6
188 0.0 2.8 4.2#





#51

Chlorobenzene

Concen: 0.226 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. -0.003 min

Lab File: VU044402.D

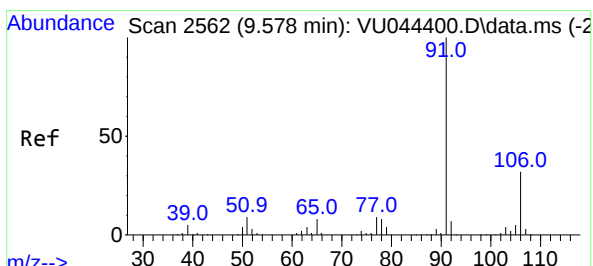
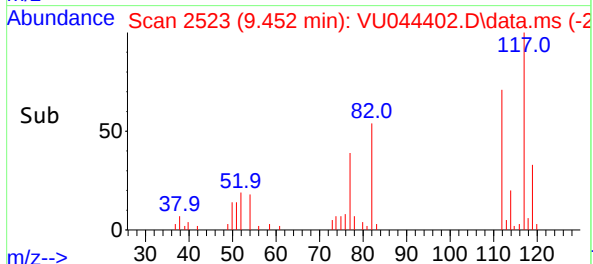
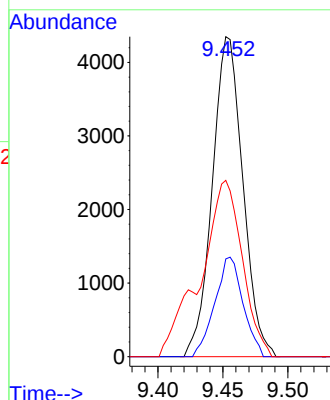
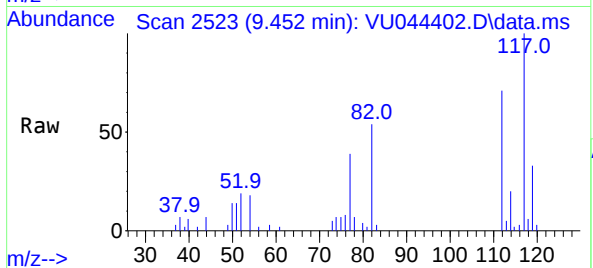
Acq: 09 Aug 2021 14:06

Tgt Ion:	112	Resp:	7104
Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.5	41.7
77	55.1	48.9	73.3

Instrument :
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#52

Ethylbenzene

Concen: 0.204 ug/L

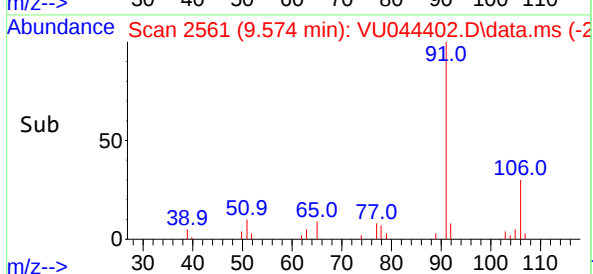
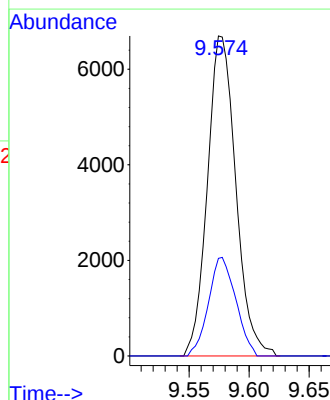
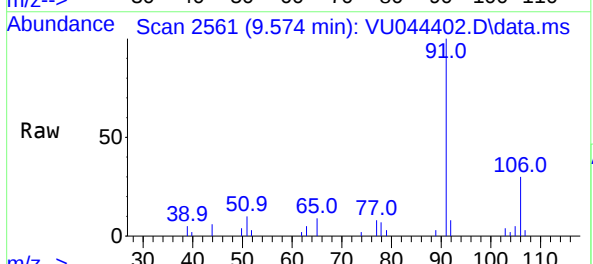
RT: 9.574 min Scan# 2561

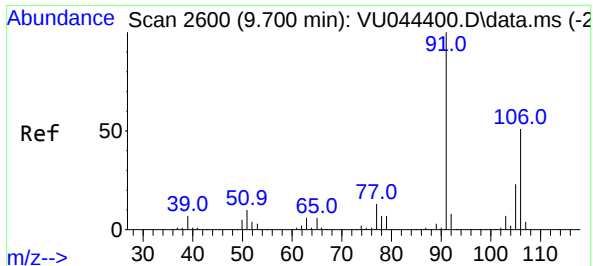
Delta R.T. -0.003 min

Lab File: VU044402.D

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Tgt Ion:	91	Resp:	11021
Ion	Ratio	Lower	Upper
91	100		
106	30.5	20.9	38.9





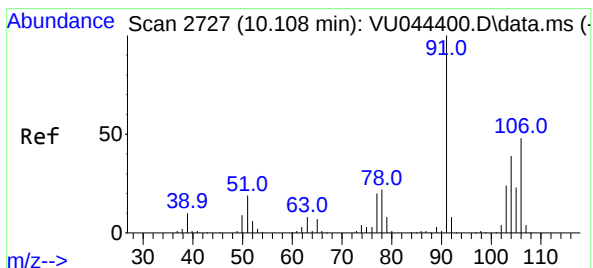
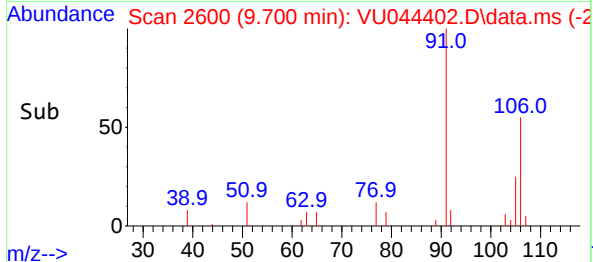
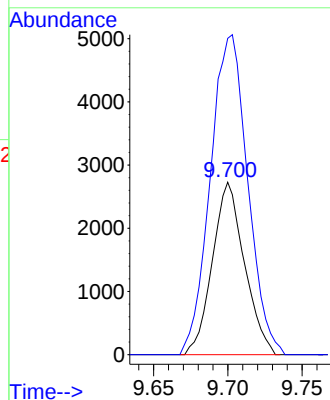
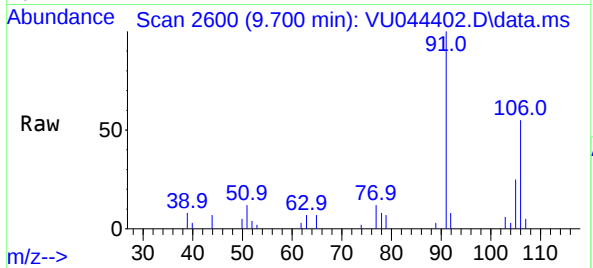
#53
m,p-Xylene
Concen: 0.196 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:106 Resp: 4095
Ion Ratio Lower Upper
106 100
91 183.4 144.1 267.5

Instrument :
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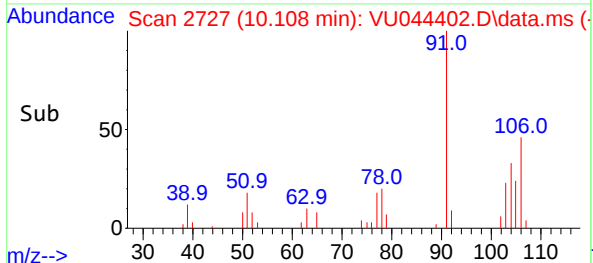
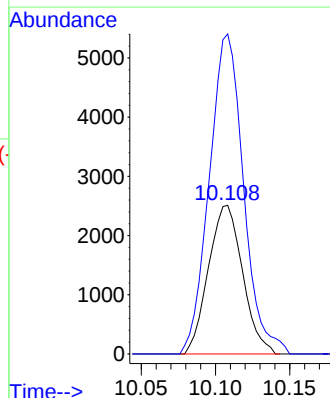
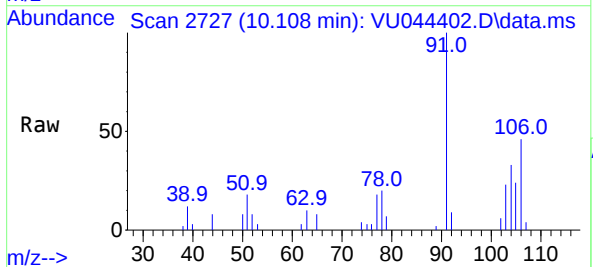
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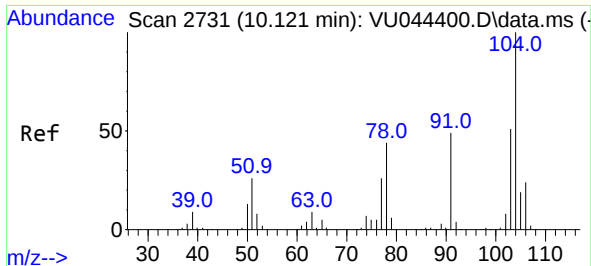
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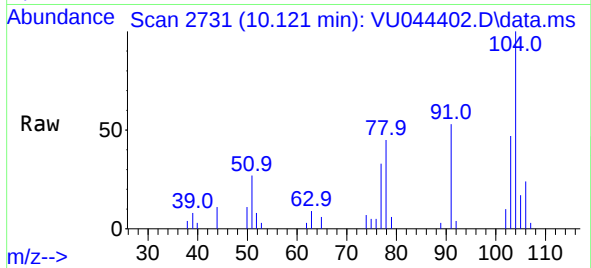
#54
o-Xylene
Concen: 0.198 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:106 Resp: 4021
Ion Ratio Lower Upper
106 100
91 215.2 151.0 280.4

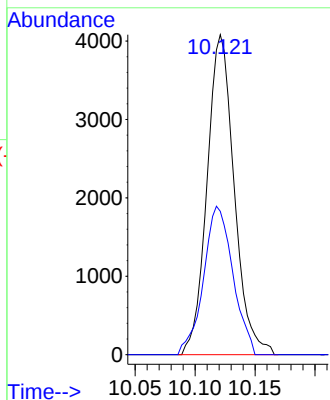
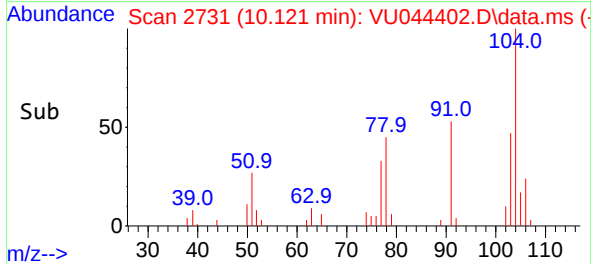




#55
Styrene
Concen: 0.185 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



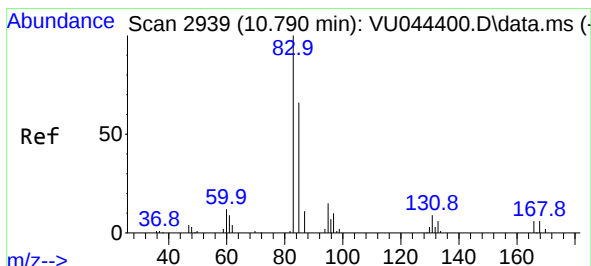
Tgt Ion:104 Resp: 6429
Ion Ratio Lower Upper
104 100
78 44.8 32.1 59.5



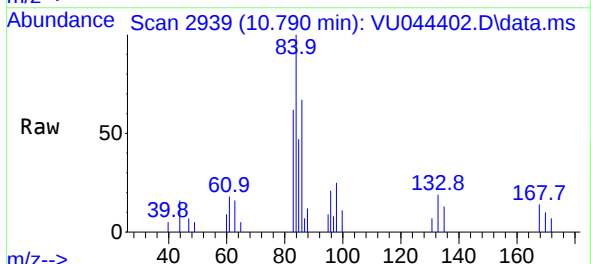
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07

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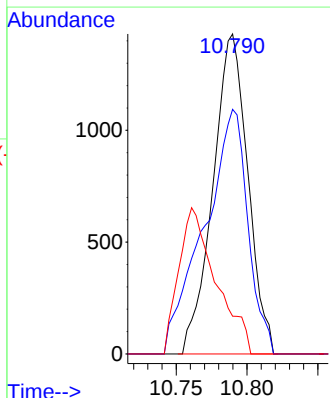
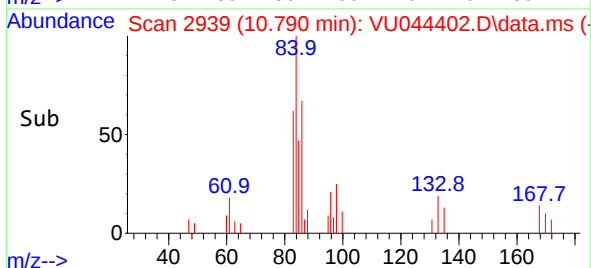
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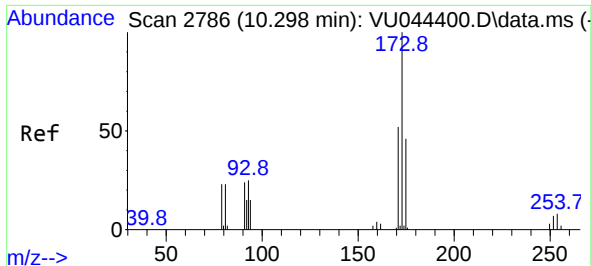


#57
1,1,2,2-Tetrachloroethane
Concen: 0.204 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



Tgt Ion: 83 Resp: 2456
Ion Ratio Lower Upper
83 100
85 76.5 43.4 80.6
131 11.8 6.6 9.8#





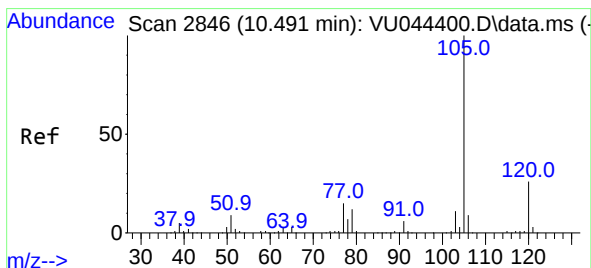
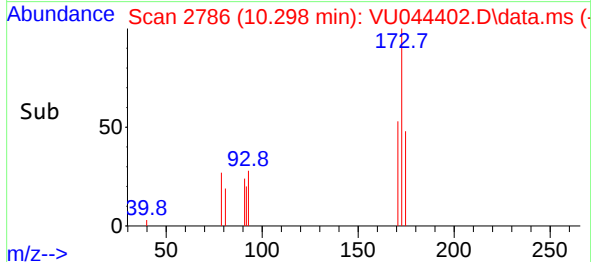
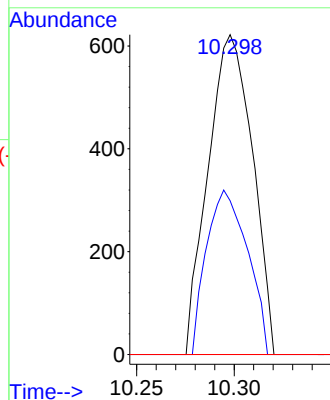
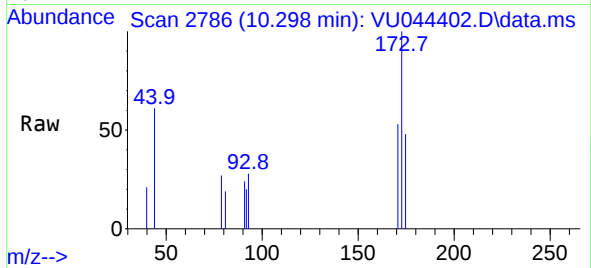
#59
Bromoform
Concen: 0.198 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	38.6	57.8
254	0.0	5.4	8.2#

Instrument :
MSVOA_U
ClientSampleId :
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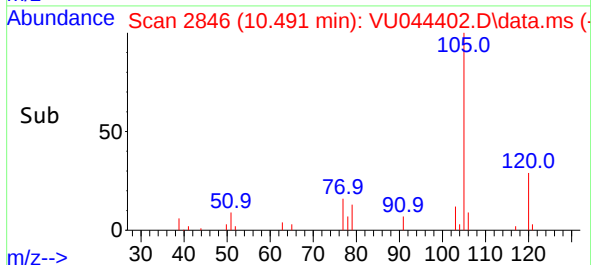
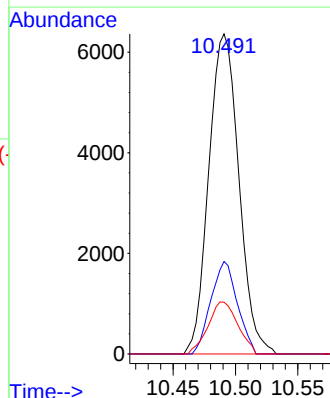
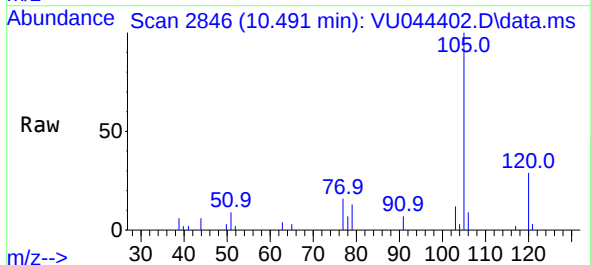
Manual Integrations
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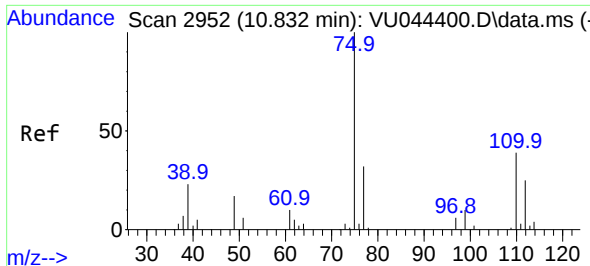
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#60
Isopropylbenzene
Concen: 0.213 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.7	31.1
77	16.0	12.7	19.1





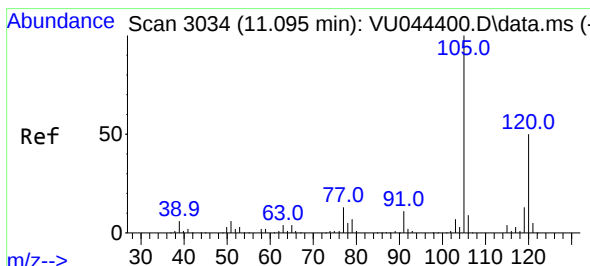
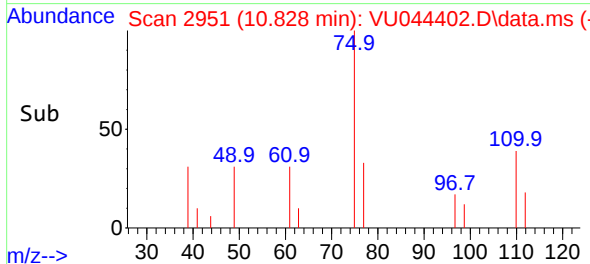
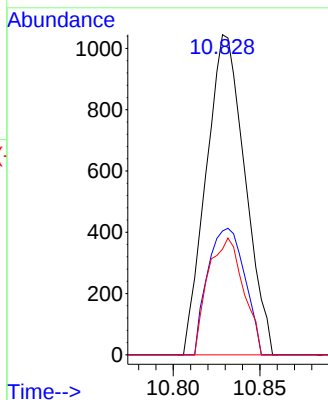
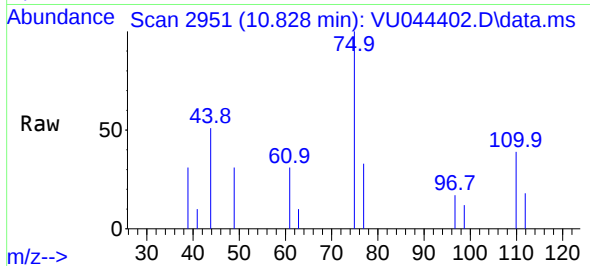
#61
1,2,3-Trichloropropane
Concen: 0.193 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 75 Resp: 1626
Ion Ratio Lower Upper
75 100
110 37.8 30.2 45.2
77 33.2 26.2 39.2

Instrument :
MSVOA_U
ClientSampleId :
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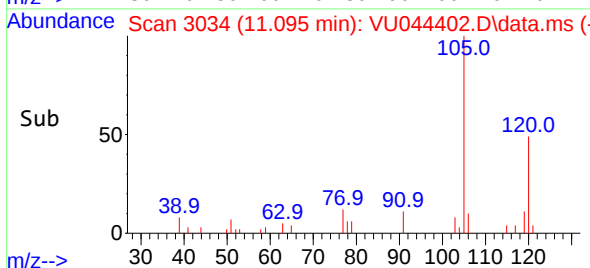
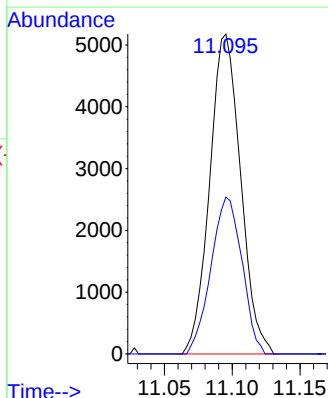
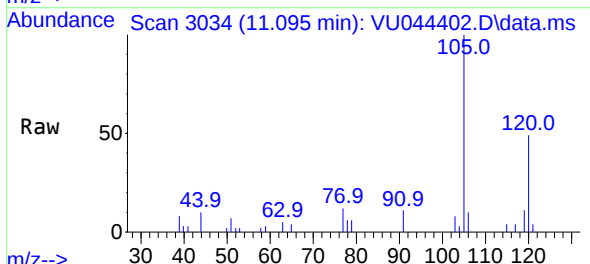
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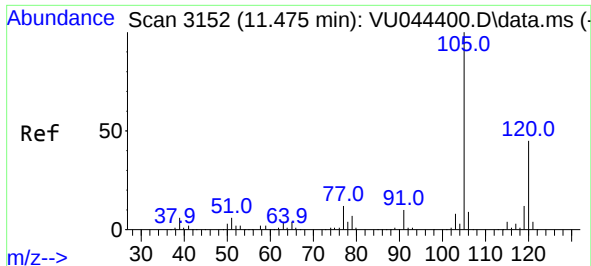
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#62
1,3,5-Trimethylbenzene
Concen: 0.196 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion: 105 Resp: 8230
Ion Ratio Lower Upper
105 100
120 49.1 38.8 58.2





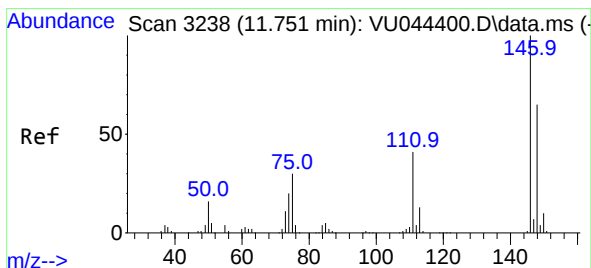
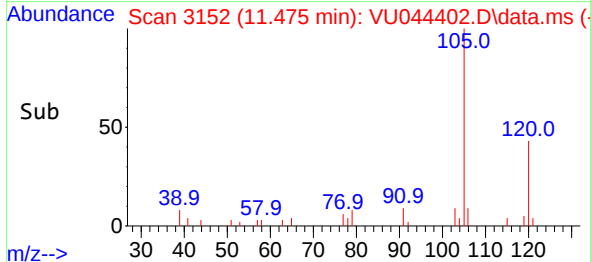
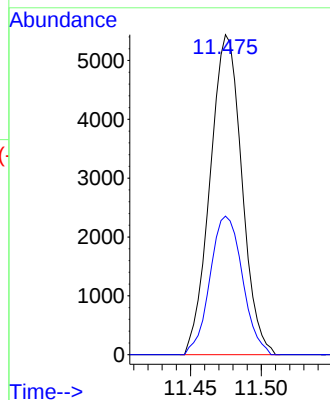
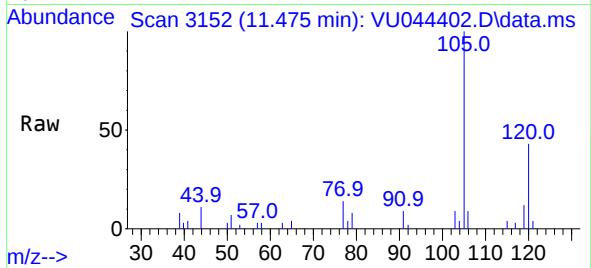
#63
1,2,4-Trimethylbenzene
Concen: 0.197 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:105 Resp: 8481
Ion Ratio Lower Upper
105 100
120 44.3 36.0 54.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07

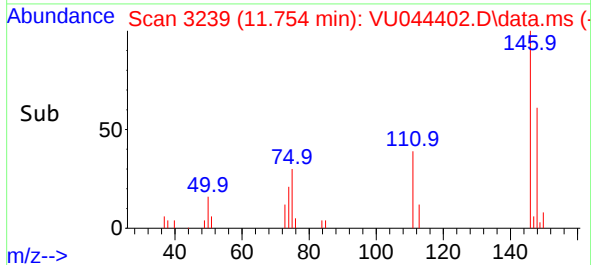
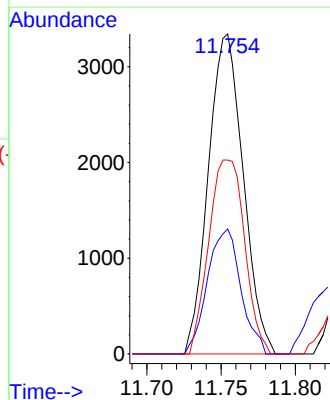
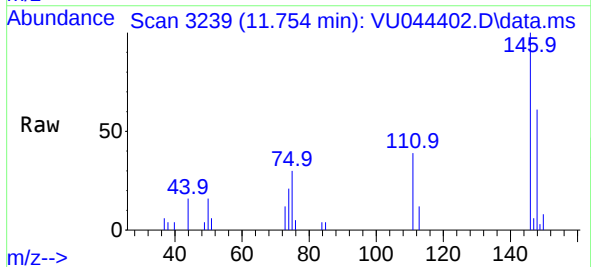
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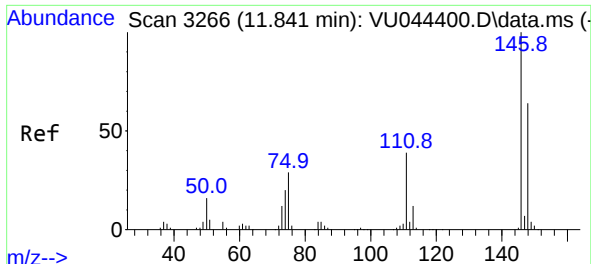
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#64
1,3-Dichlorobenzene
Concen: 0.237 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:146 Resp: 5450
Ion Ratio Lower Upper
146 100
111 39.1 29.5 54.7
148 60.6 45.1 83.9





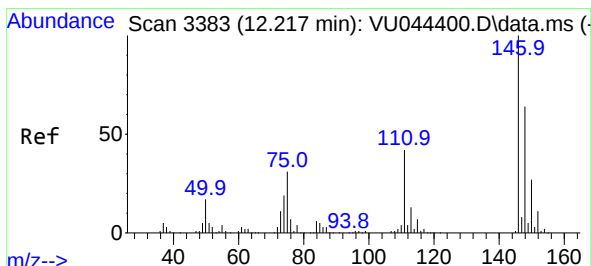
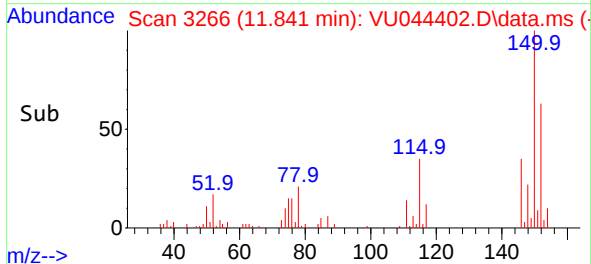
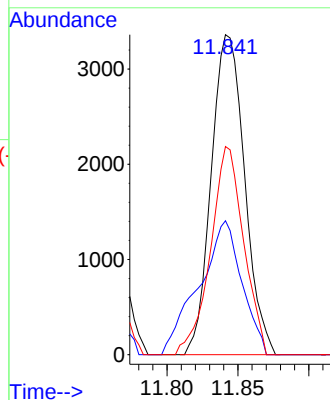
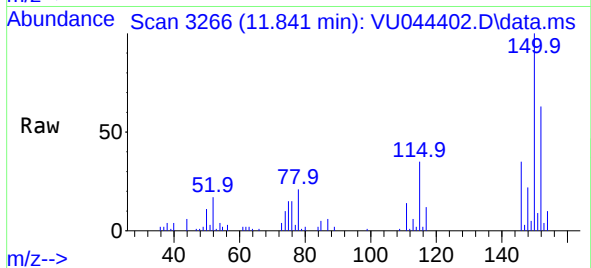
#65
1,4-Dichlorobenzene
Concen: 0.235 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

Tgt Ion:	146	Resp:	5514
Ion Ratio	Lower	Upper	
146	100		
111	41.8	28.8	53.4
148	65.1	44.9	83.3

Instrument :
MSVOA_U
ClientSampleId :
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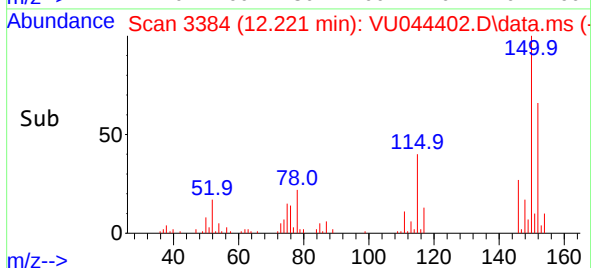
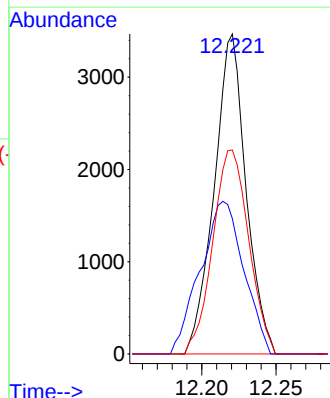
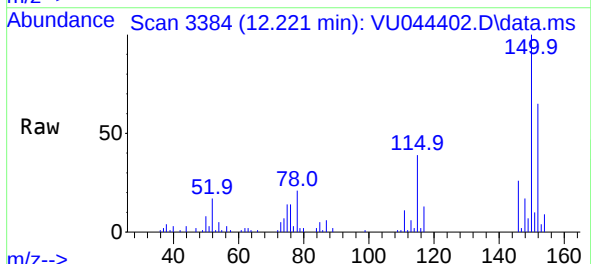
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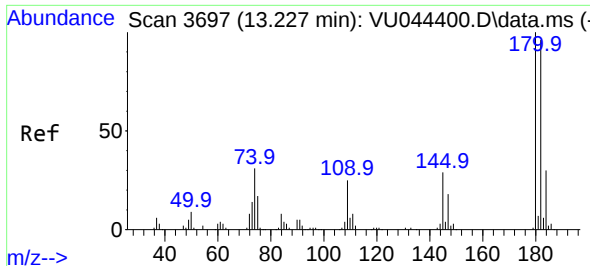
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#67
1,2-Dichlorobenzene
Concen: 0.234 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

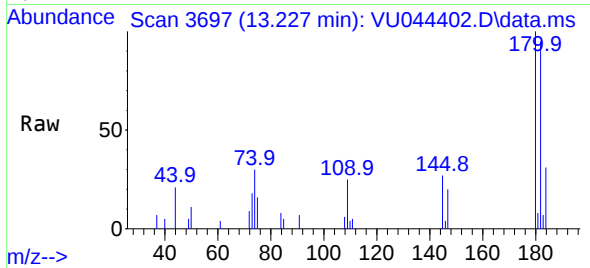
Tgt Ion:	146	Resp:	5174
Ion Ratio	Lower	Upper	
146	100		
111	42.3	35.1	52.7
148	63.8	52.0	78.0





#69
1,3,5-Trichlorobenzene
Concen: 0.248 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

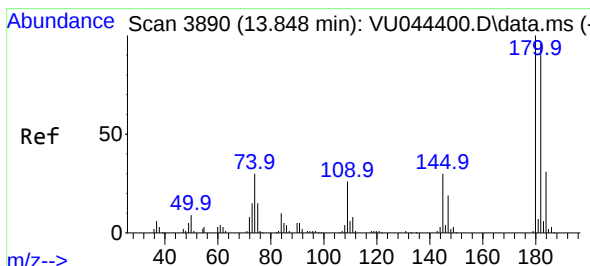
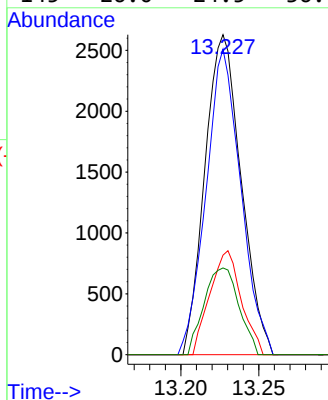
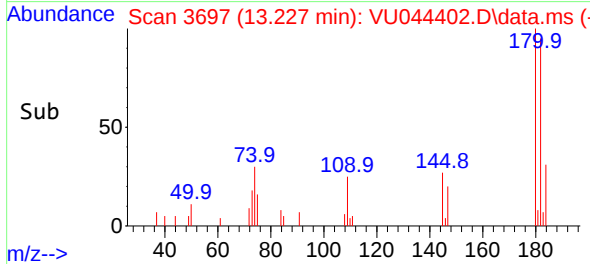
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07



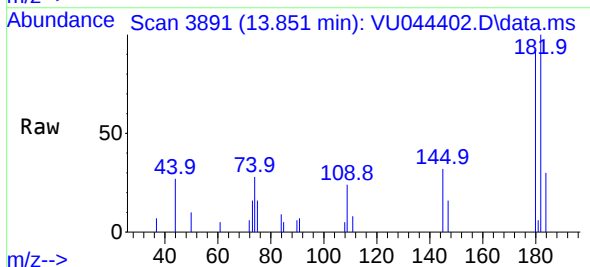
Tgt Ion:180 Resp: 4252
Ion Ratio Lower Upper
180 100
182 91.5 75.6 113.4
184 28.2 23.8 35.6
145 26.0 24.5 36.7

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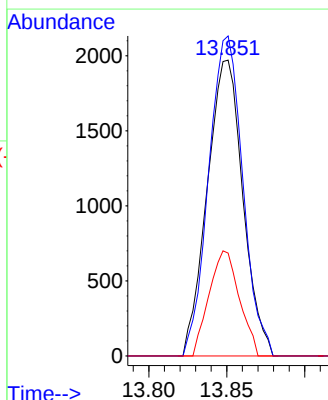
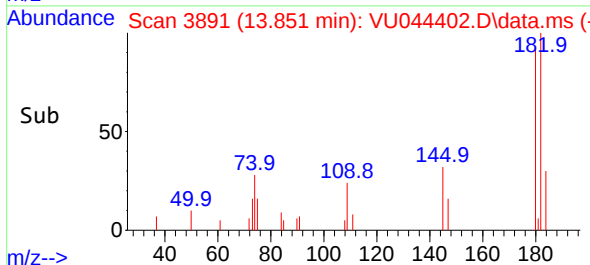
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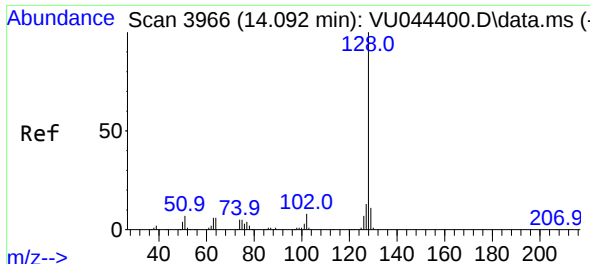


#70
1,2,4-trichlorobenzene
Concen: 0.216 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



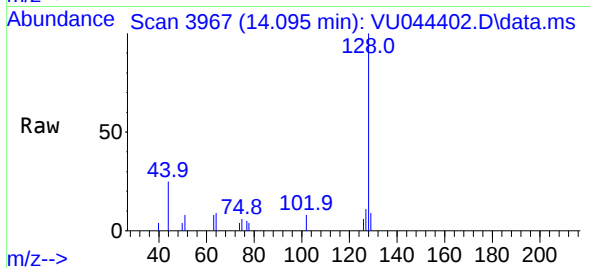
Tgt Ion:180 Resp: 3142
Ion Ratio Lower Upper
180 100
182 103.4 76.3 114.5
145 30.1 24.7 37.1





#71
Naphthalene
Concen: 0.190 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06

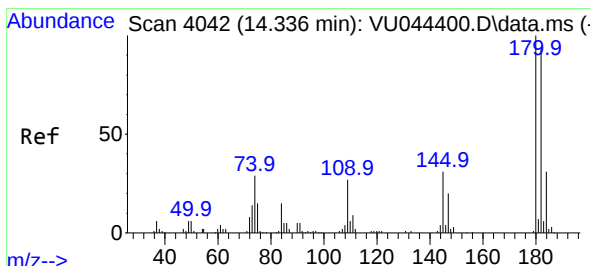
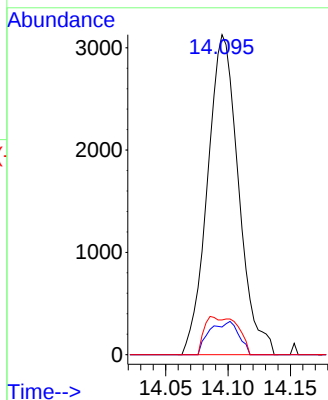
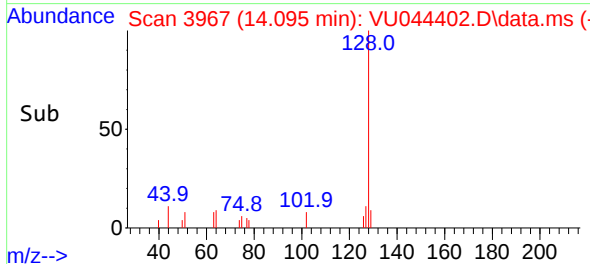
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07



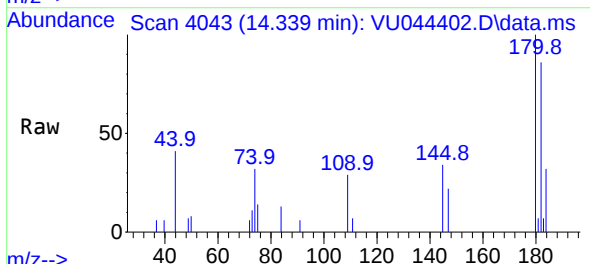
Tgt Ion:128 Resp: 5411
Ion Ratio Lower Upper
128 100
129 9.8 8.6 13.0
127 6.8 10.2 15.4#

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#72
1,2,3-Trichlorobenzene
Concen: 0.237 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU044402.D
Acq: 09 Aug 2021 14:06



Tgt Ion:180 Resp: 3121
Ion Ratio Lower Upper
180 100
182 88.0 76.6 115.0
145 30.5 27.0 40.4

