

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081021\
 Data File : VU044407.D
 Acq On : 10 Aug 2021 12:43
 Operator : SY/MD
 Sample : M3263-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-08

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 8:59:27 AM

Quant Time: Aug 11 01:57:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 11 01:08:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	163017	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	162526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	82149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48842	3.586	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.800%	
7) Chloroethane-d5	1.912	69	59519	5.090	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.568	65	23949	4.174	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.400%	
20) 2-Butanone-d5	4.639	46	168126m	41.626	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.260%	
24) Chloroform-d	5.070	84	118894	5.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.710	65	65164	4.925	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.735	84	247213	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.700	67	76893	4.859	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.906	98	214865	4.714	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	8.185	79	23466	3.809	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.642	63	150047	40.340	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.680%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	64511	4.559	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	12.201	152	85694	5.417	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2809	0.192	ug/L	98
3) Chloromethane	1.520	50	3523	0.224	ug/L	92
5) Vinyl chloride	1.604	62	3497	0.212	ug/L #	44
6) Bromomethane	1.858	94	2263	0.244	ug/L	96
8) Chloroethane	1.935	64	2165m	0.227	ug/L	
9) Trichlorofluoromethane	2.141	101	4258	0.235	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	3095	0.283	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	2590	0.242	ug/L #	1
13) Acetone	2.642	43	3348	1.741	ug/L	95
14) Carbon disulfide	2.793	76	5665	0.162	ug/L #	92
15) Methyl Acetate	2.967	43	1045	0.238	ug/L #	80
16) Methylene chloride	3.051	84	8680	0.608	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	5926	0.202	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	2350	0.205	ug/L	86
19) 1,1-Dichloroethane	3.877	63	4301	0.208	ug/L	98
21) 2-Butanone	4.719	43	6789m	1.902	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	2515	0.201	ug/L	80
23) Bromochloromethane	4.980	128	1185	0.219	ug/L #	70
25) Chloroform	5.096	83	6279	0.295	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	3086	0.222	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	3677	0.208	ug/L	98
30) Cyclohexane	5.398	56	3151	0.153	ug/L #	80
31) Carbon tetrachloride	5.533	117	2970	0.201	ug/L	99
33) Benzene	5.784	78	10532	0.213	ug/L	100
34) Trichloroethene	6.549	95	2673	0.216	ug/L	96
35) Methylcyclohexane	6.771	83	4036	0.187	ug/L	92
37) 1,2-Dichloropropane	6.796	63	2642	0.210	ug/L #	88
38) Bromodichloromethane	7.115	83	3342	0.219	ug/L	92
39) cis-1,3-Dichloropropene	7.616	75	3484	0.190	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	16023	1.812	ug/L #	87
42) Toluene	7.976	91	13994	0.271	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	3141	0.201	ug/L #	76
45) 1,1,2-Trichloroethane	8.411	97	1926	0.206	ug/L	95
47) Tetrachloroethene	8.558	164	2132	0.235	ug/L	83
48) 2-Hexanone	8.697	43	15598	2.439	ug/L	95
49) Dibromochloromethane	8.819	129	2048	0.205	ug/L	87
50) 1,2-Dibromoethane	8.931	107	1813	0.200	ug/L #	87
51) Chlorobenzene	9.452	112	7200	0.225	ug/L	95
52) Ethylbenzene	9.578	91	10792	0.196	ug/L	98
53) m,p-Xylene	9.700	106	4193	0.197	ug/L	97
54) o-Xylene	10.108	106	3993	0.192	ug/L	96
55) Styrene	10.121	104	6211	0.175	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	2741	0.223	ug/L #	97
59) Bromoform	10.298	173	974	0.187	ug/L #	89
60) Isopropylbenzene	10.491	105	10567	0.201	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	1911	0.217	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	8301	0.189	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	8589	0.190	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	5369	0.223	ug/L	95
65) 1,4-Dichlorobenzene	11.845	146	5740	0.234	ug/L	96
67) 1,2-Dichlorobenzene	12.221	146	5746	0.248	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	4481	0.249	ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	3435	0.226	ug/L	97
71) Naphthalene	14.095	128	5670	0.190	ug/L	96
72) 1,2,3-Trichlorobenzene	14.336	180	3118	0.226	ug/L	95

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

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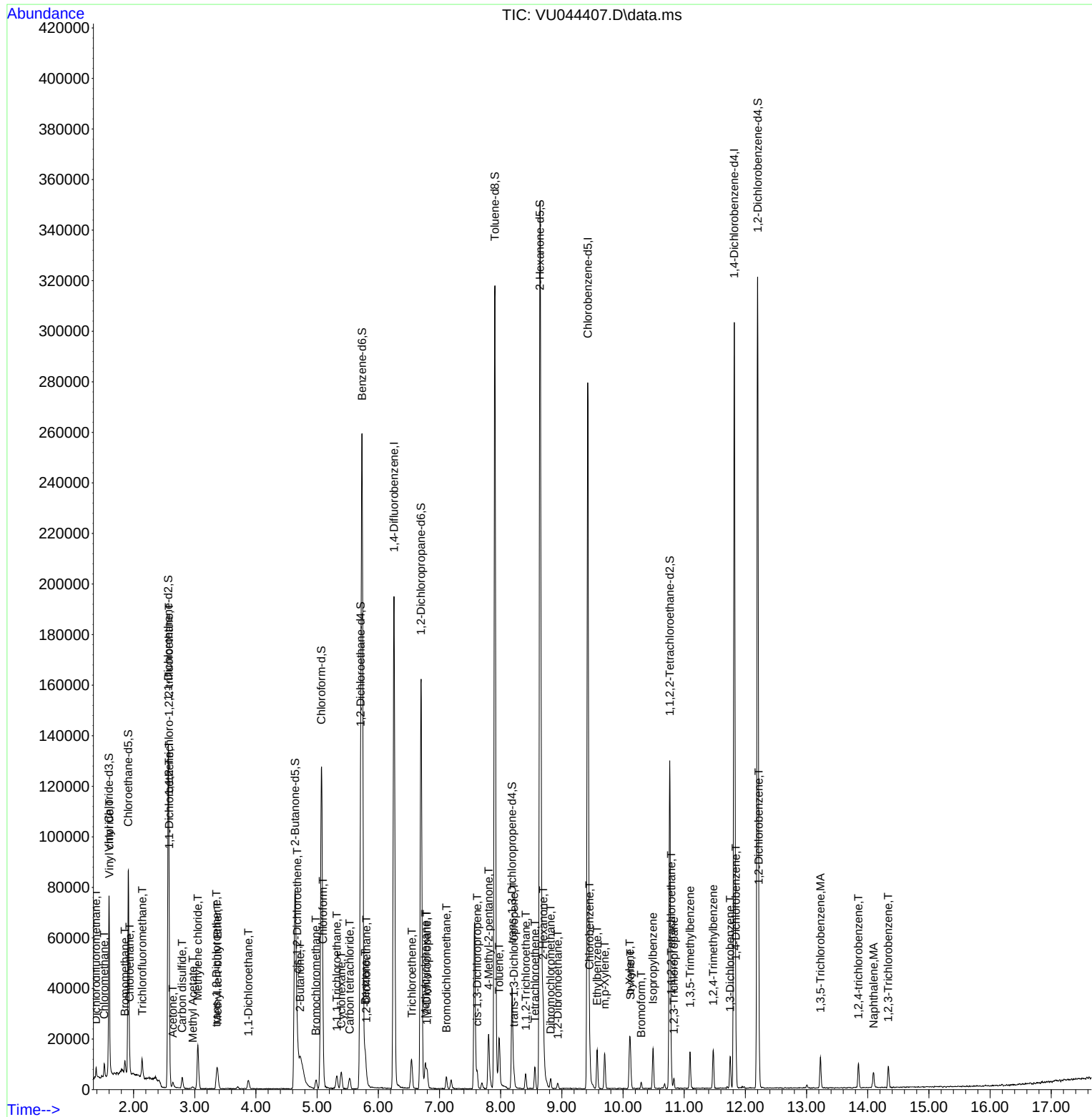
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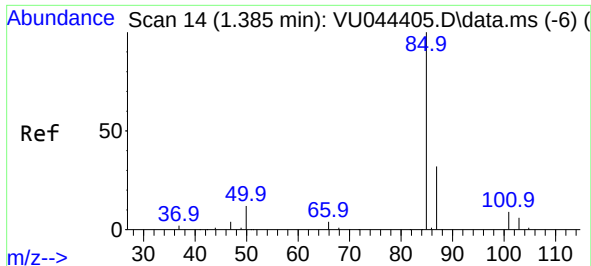
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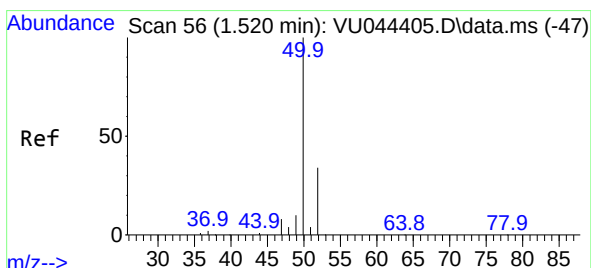
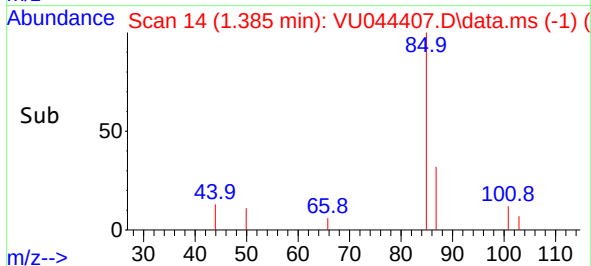
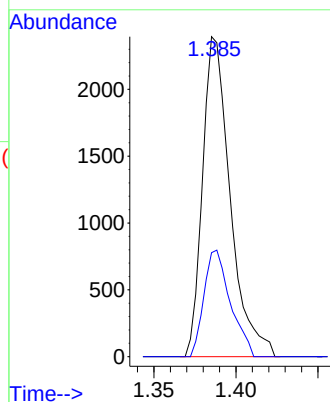
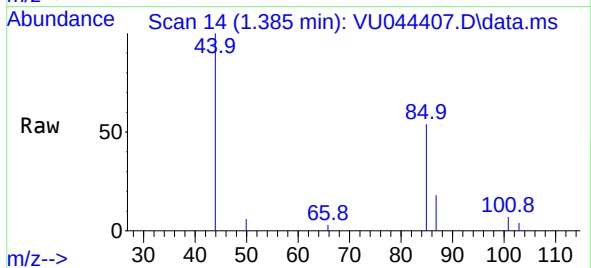
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Dichlorodifluoromethane
Concen: 0.192 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 85 Resp: 2809
Ion Ratio Lower Upper
85 100
87 31.6 26.2 39.2

Instrument :
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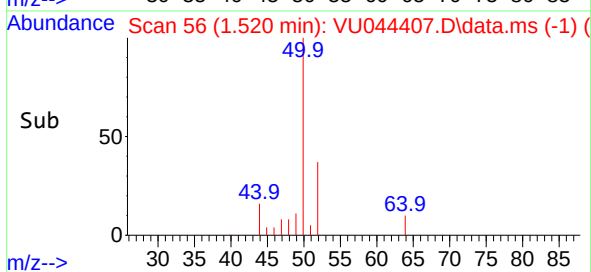
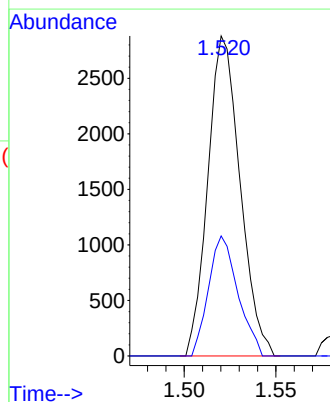
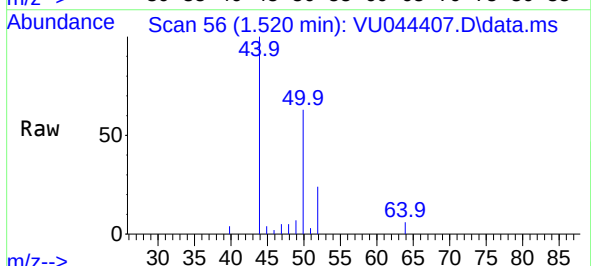
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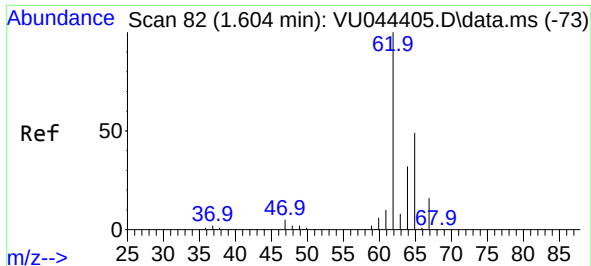
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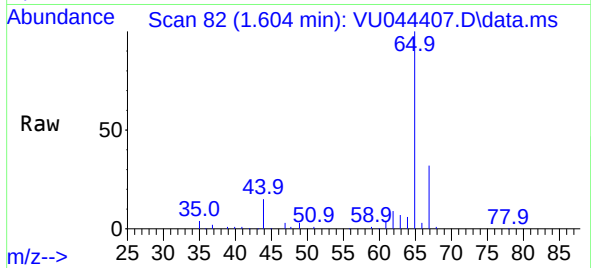
#3
Chloromethane
Concen: 0.224 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 50 Resp: 3523
Ion Ratio Lower Upper
50 100
52 37.5 23.2 43.0

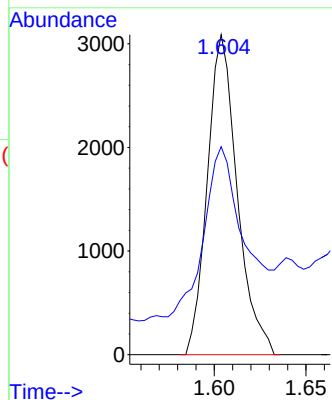




#5
 Vinyl chloride
 Concen: 0.212 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU044407.D
 Acq: 10 Aug 2021 12:43



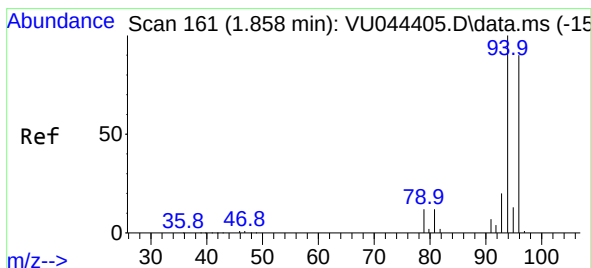
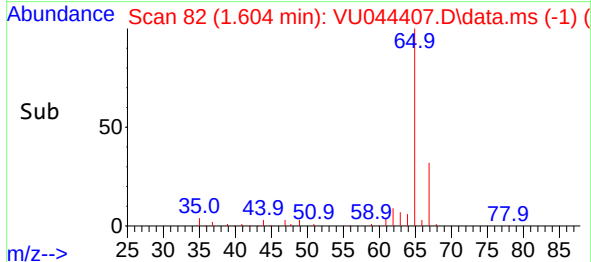
Tgt Ion: 62 Resp: 3497
 Ion Ratio Lower Upper
 62 100
 64 65.0 23.2 43.2#



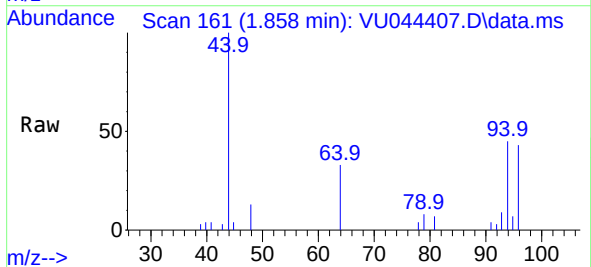
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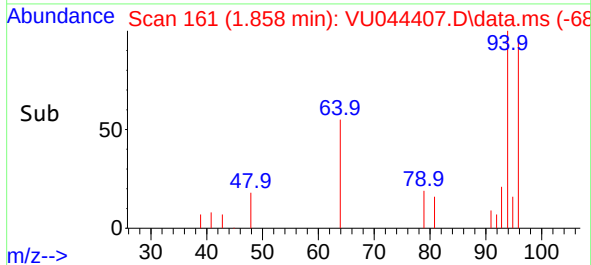
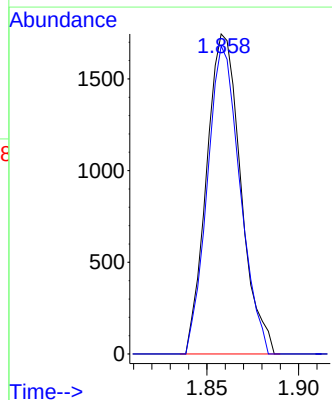
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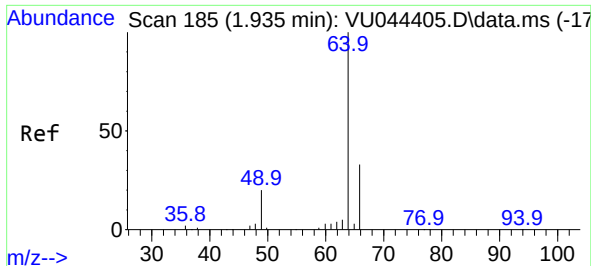


#6
 Bromomethane
 Concen: 0.244 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU044407.D
 Acq: 10 Aug 2021 12:43



Tgt Ion: 94 Resp: 2263
 Ion Ratio Lower Upper
 94 100
 96 96.3 64.5 119.9





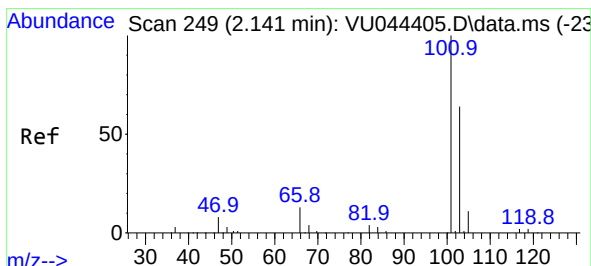
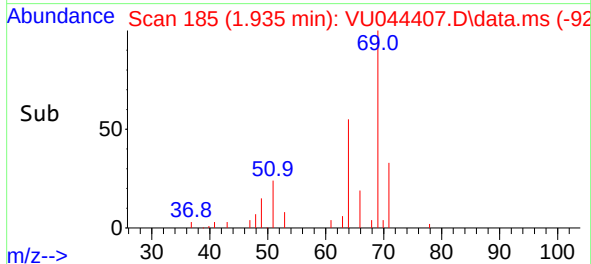
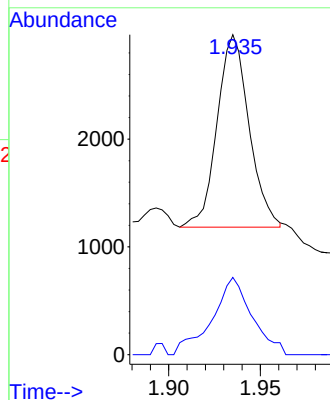
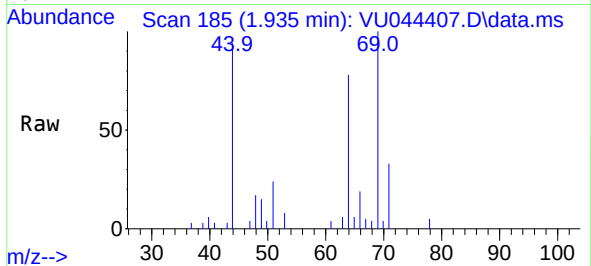
#8
Chloroethane
Concen: 0.227 ug/L m
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 64 Resp: 2165
Ion Ratio Lower Upper
64 100
66 24.1 22.6 42.0

Instrument :
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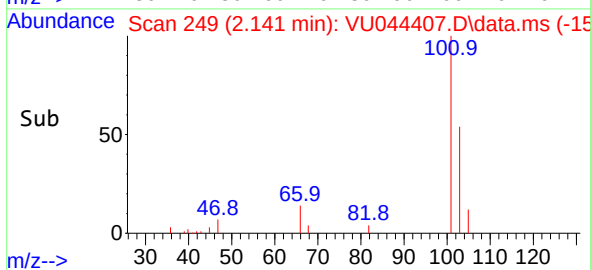
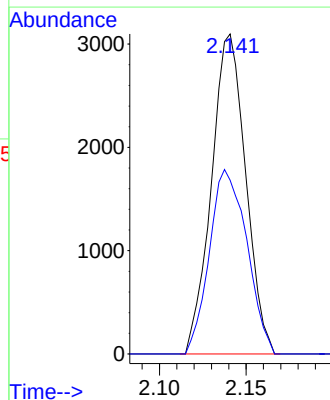
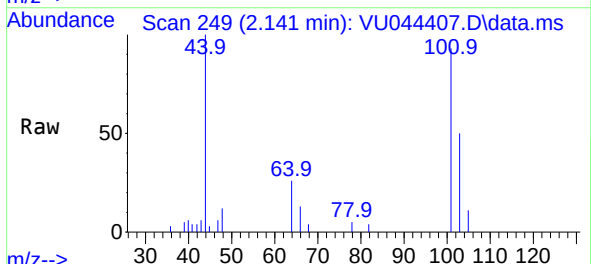
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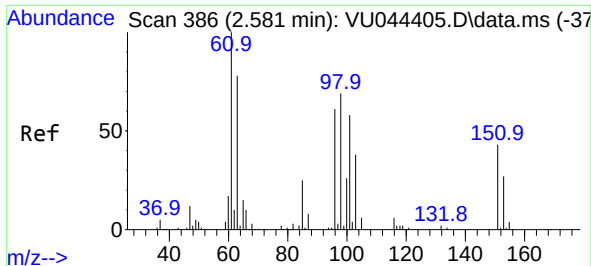
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#9
Trichlorofluoromethane
Concen: 0.235 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:101 Resp: 4258
Ion Ratio Lower Upper
101 100
103 62.9 52.1 78.1





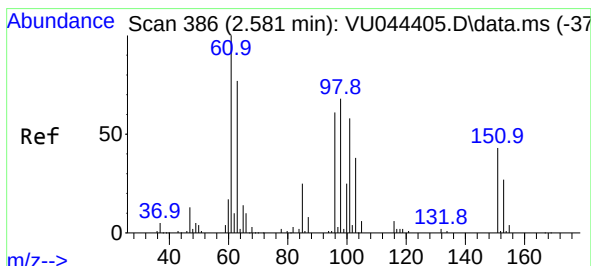
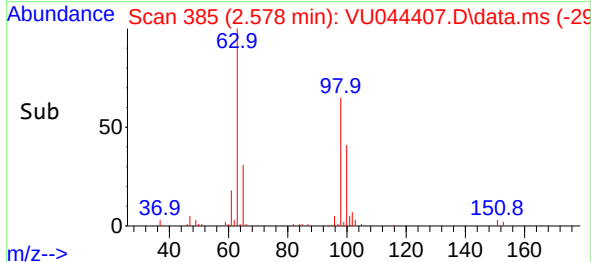
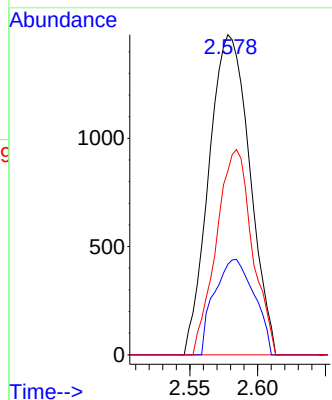
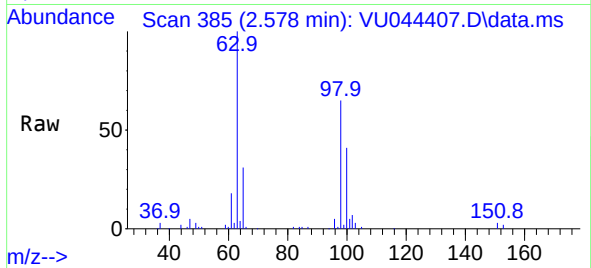
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.283 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 101 Resp: 3095
Ion Ratio Lower Upper
101 100
85 29.0 34.2 51.4#
151 56.5 54.8 82.2

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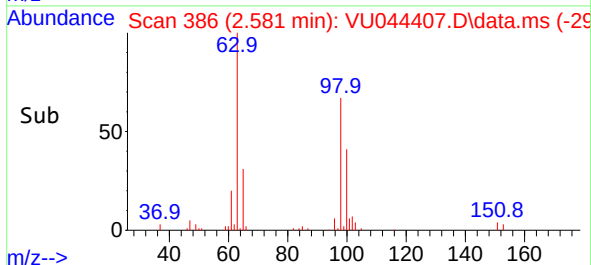
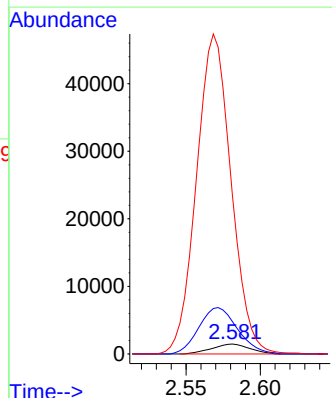
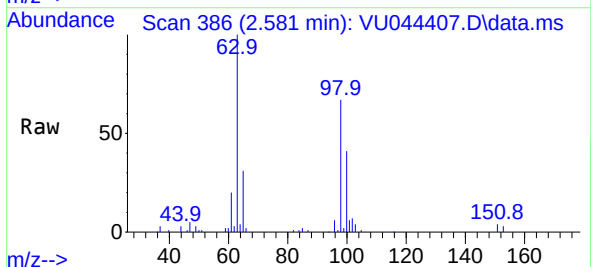
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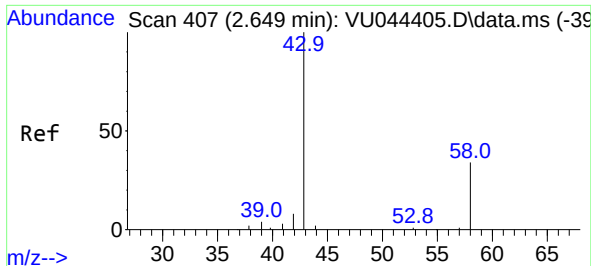
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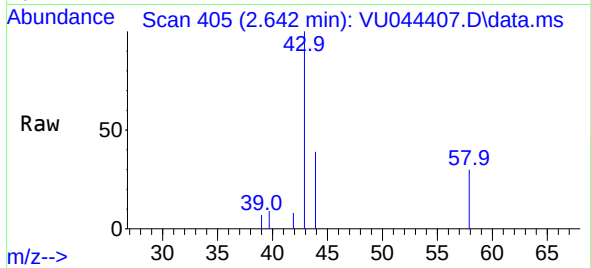
#12
1,1-Dichloroethene
Concen: 0.242 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 96 Resp: 2590
Ion Ratio Lower Upper
96 100
61 329.5 118.3 219.7#
63 1613.7 85.7 159.1#

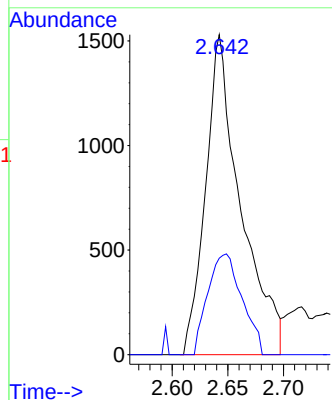




#13
Acetone
Concen: 1.741 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.006 min
Lab File: VU044407.D
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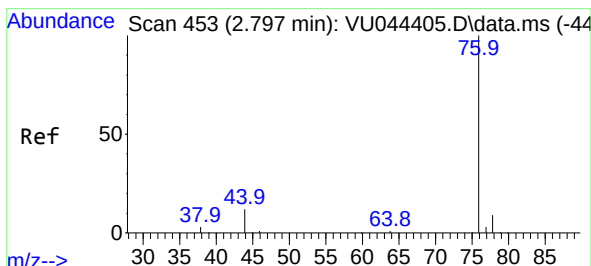
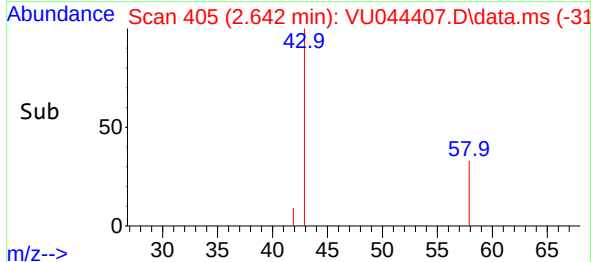
Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
58 30.8 0.0 67.2



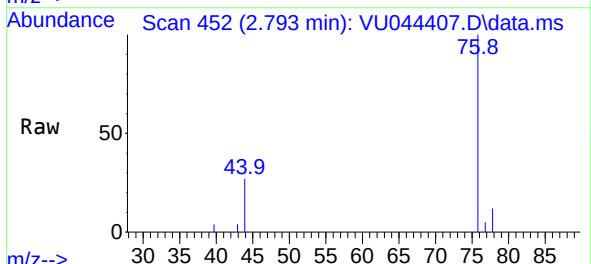
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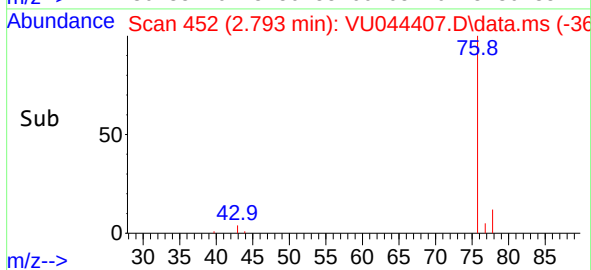
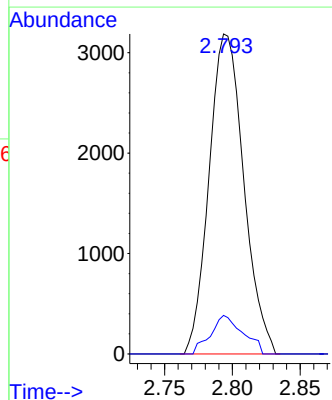
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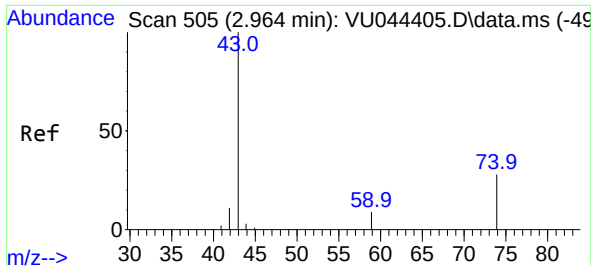


#14
Carbon disulfide
Concen: 0.162 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



Tgt Ion: 76 Resp: 5665
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.0#





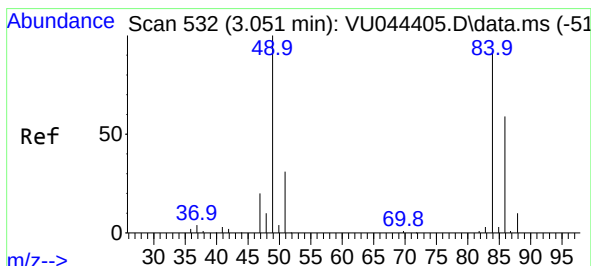
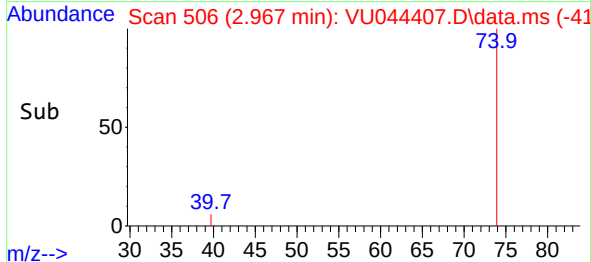
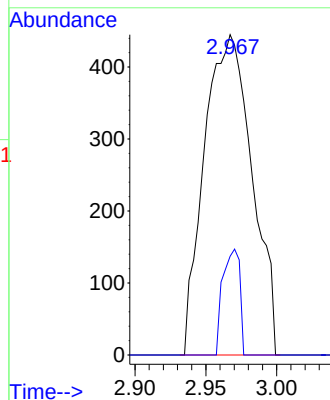
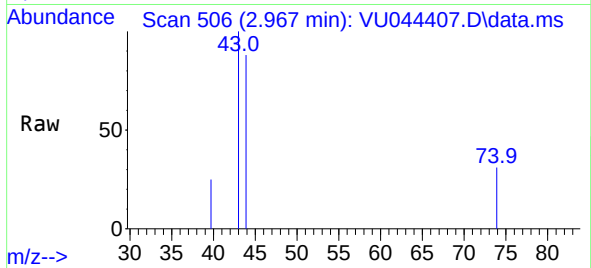
#15
Methyl Acetate
Concen: 0.238 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
74 11.8 16.7 25.1#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

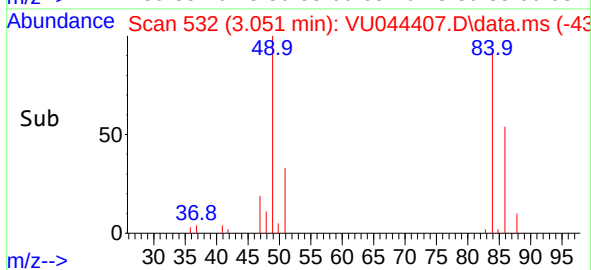
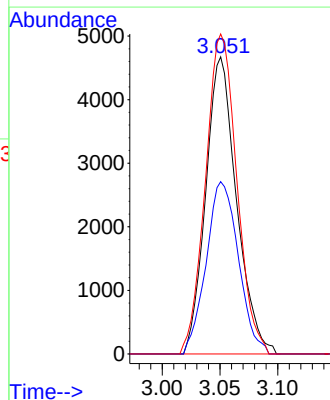
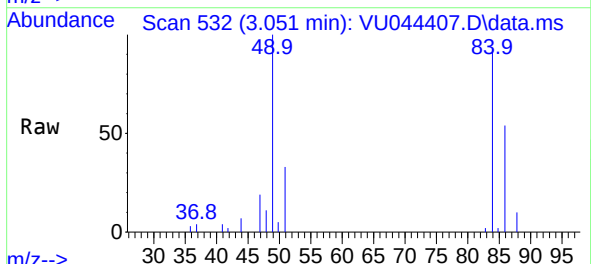
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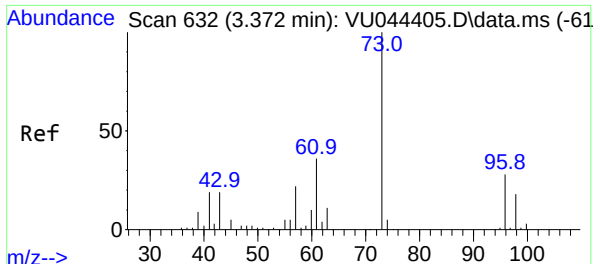
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#16
Methylene chloride
Concen: 0.608 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 84 Resp: 8680
Ion Ratio Lower Upper
84 100
86 58.0 45.2 84.0
49 112.6 81.8 152.0





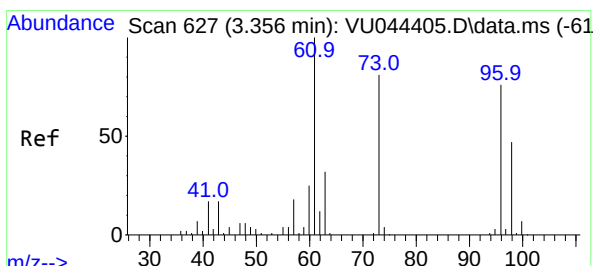
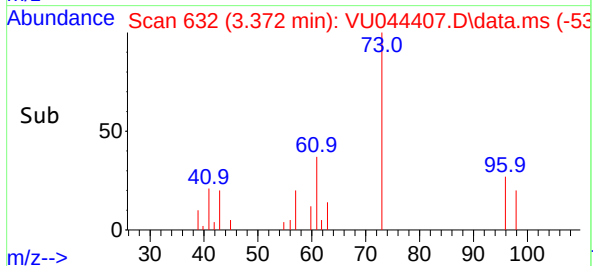
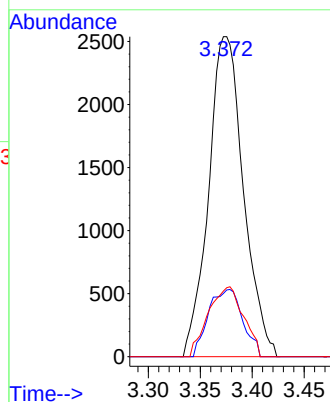
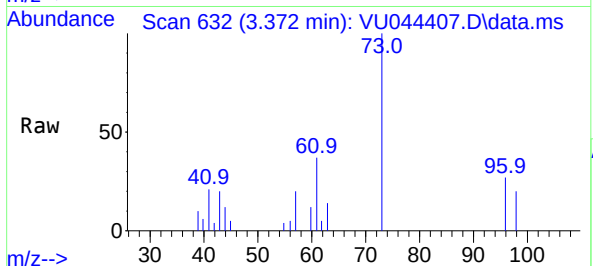
#17
Methyl tert-butyl Ether
Concen: 0.202 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 73	Resp: 5926
Ion Ratio	Lower Upper
73 100	
43 20.6	15.3 22.9
57 22.1	17.4 26.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

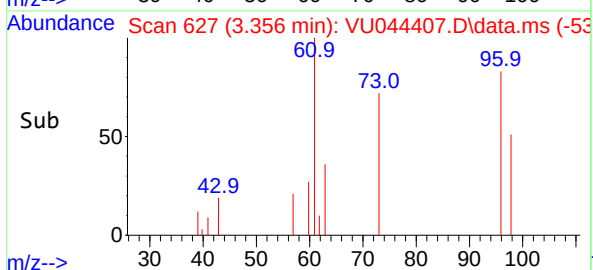
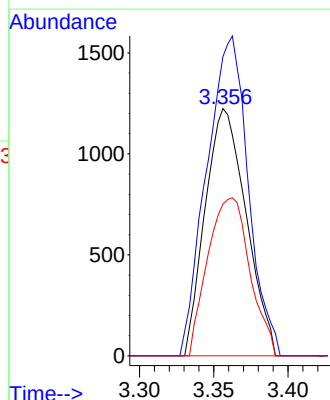
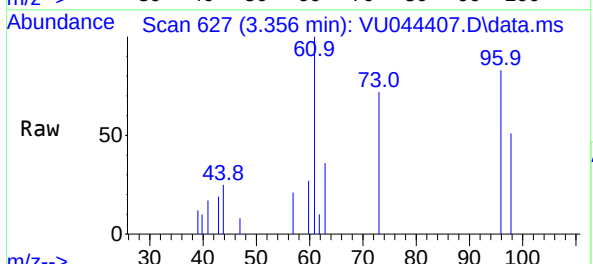
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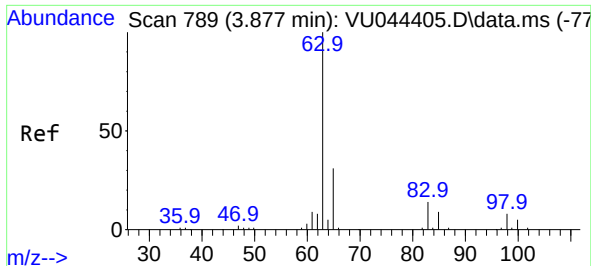
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#18
trans-1,2-Dichloroethene
Concen: 0.205 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 96	Resp: 2350		
Ion Ratio	Lower	Upper	
96 100			
61 121.1	101.4	188.4	
98 61.4	44.4	82.4	





#19

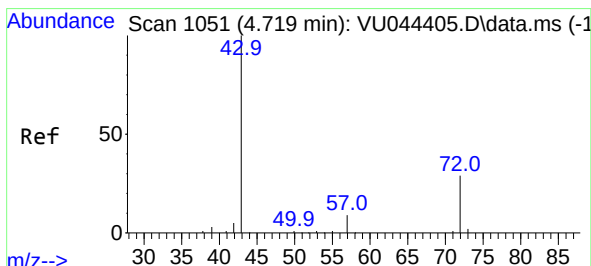
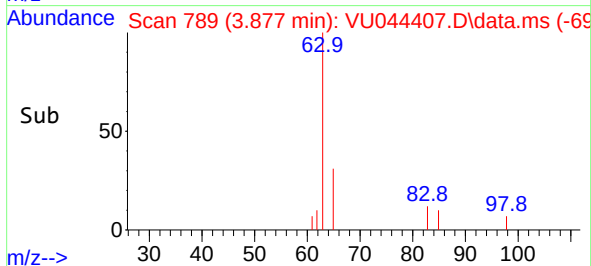
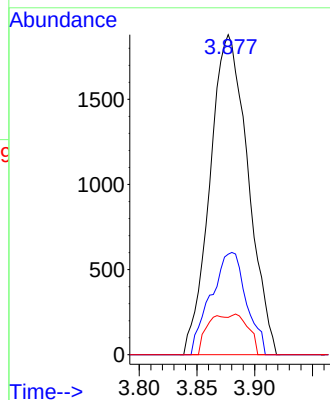
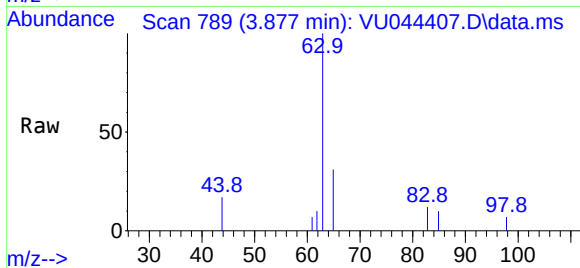
1,1-Dichloroethane
Concen: 0.208 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	63	Resp:	4301
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.1	41.1
83	11.6	9.7	17.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

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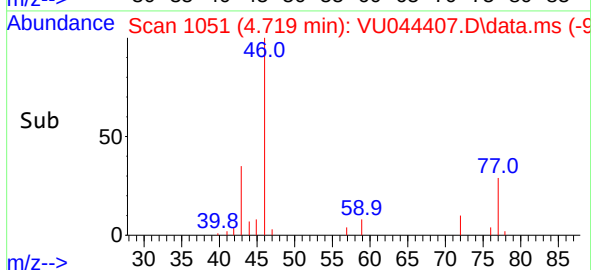
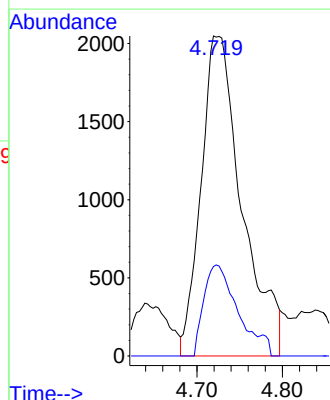
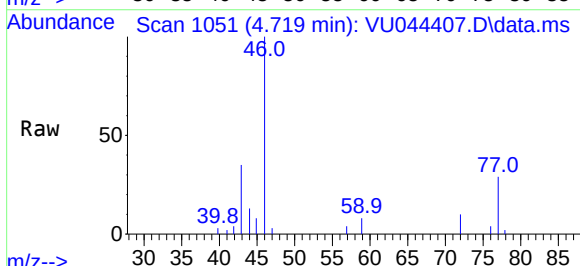
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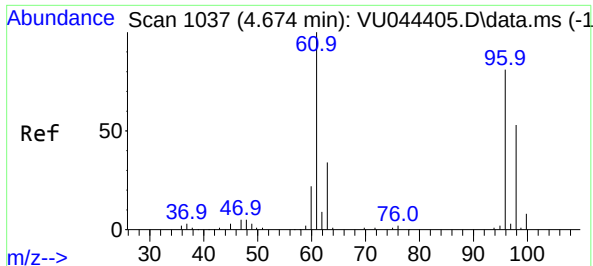


#21

2-Butanone
Concen: 1.902 ug/L m
RT: 4.719 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	43	Resp:	6789
Ion	Ratio	Lower	Upper
43	100		
72	22.5	14.4	43.2





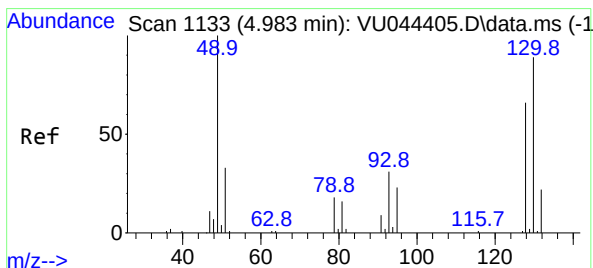
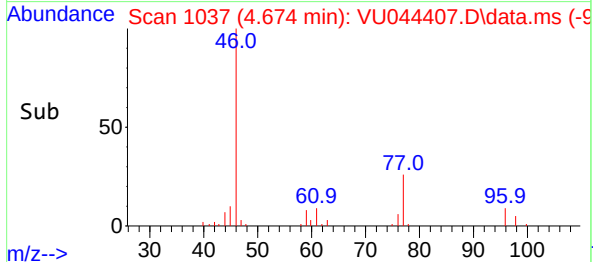
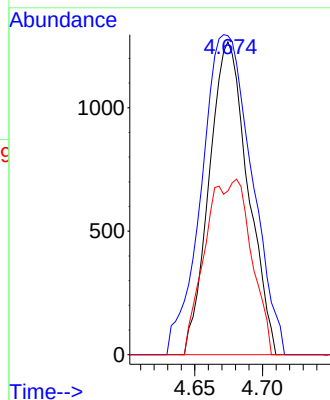
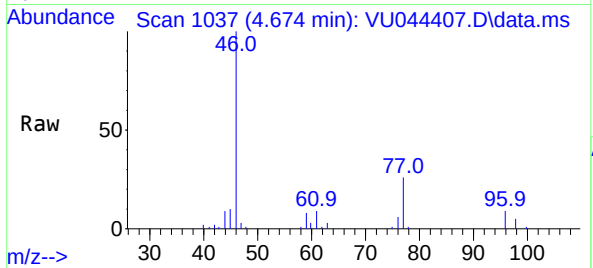
#22
cis-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	96	Resp:	2515
Ion	Ratio	Lower	Upper
96	100		
61	102.0	89.9	166.9
98	52.3	44.1	81.9

Instrument :
MSVOA_U
ClientSampleId :
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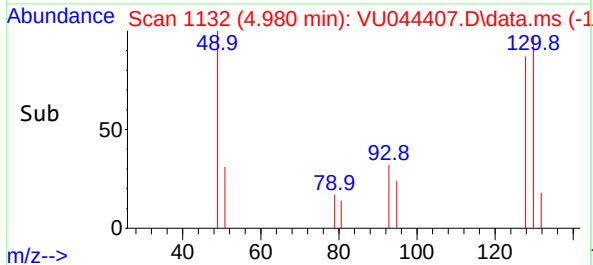
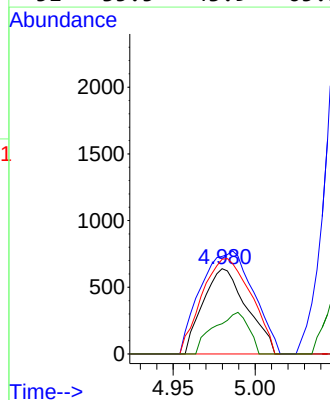
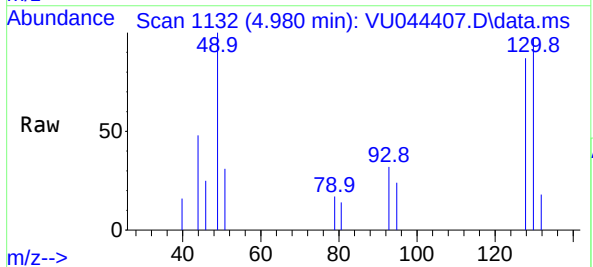
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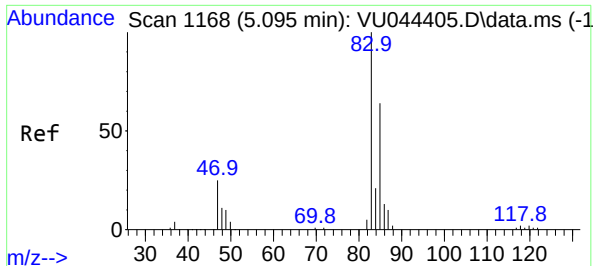
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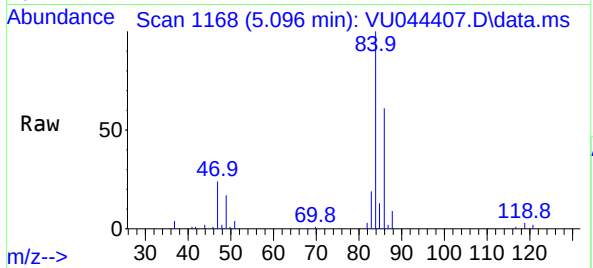
#23
Bromochloromethane
Concen: 0.219 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	128	Resp:	1185
Ion	Ratio	Lower	Upper
128	100		
49	114.6	117.4	218.0#
130	111.1	93.6	173.8
51	35.5	43.9	65.9#

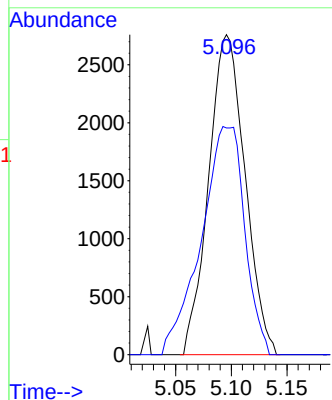




#25
Chloroform
Concen: 0.295 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



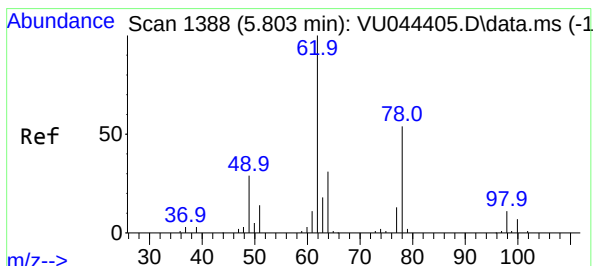
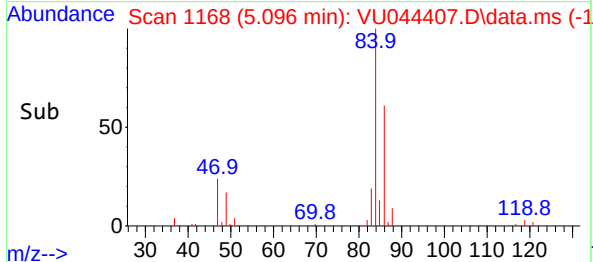
Tgt Ion: 83 Resp: 6279
Ion Ratio Lower Upper
83 100
85 70.9 44.7 82.9



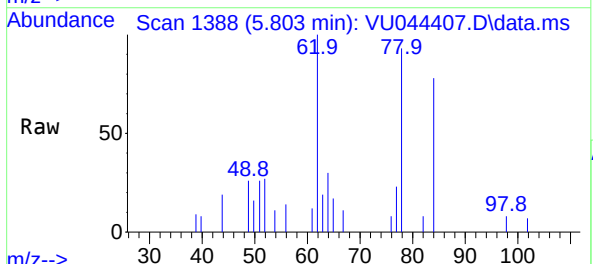
Instrument :
MSVOA_U
ClientSampleId :
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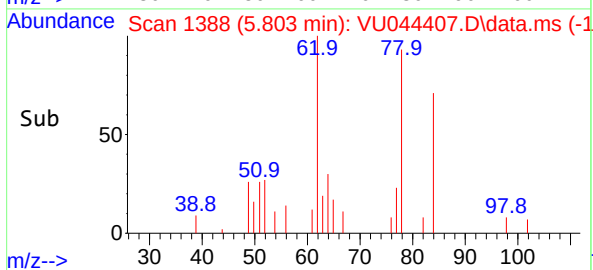
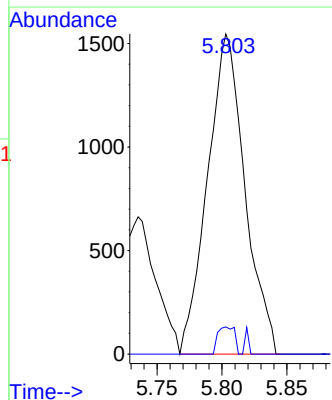
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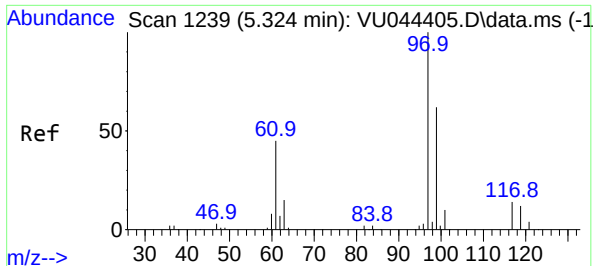


#27
1,2-Dichloroethane
Concen: 0.222 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



Tgt Ion: 62 Resp: 3086
Ion Ratio Lower Upper
62 100
98 8.5 7.8 11.6





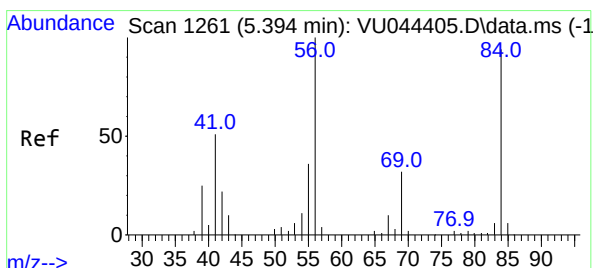
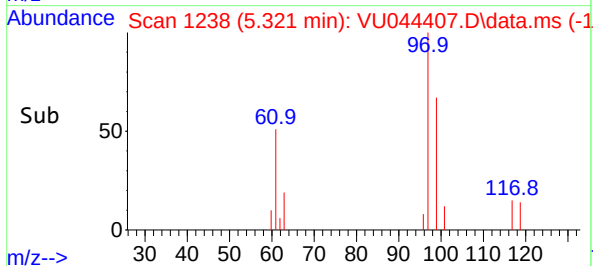
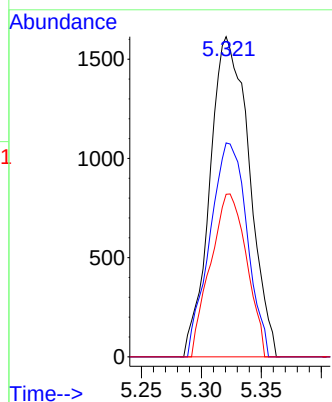
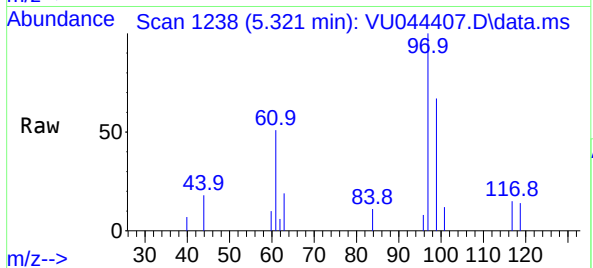
#29
1,1,1-Trichloroethane
Concen: 0.208 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 97	Resp: 3677		
Ion Ratio	Lower	Upper	
97 100			
99 63.3	52.6	78.8	
61 46.8	36.9	55.3	

Instrument :
MSVOA_U
ClientSampleId :
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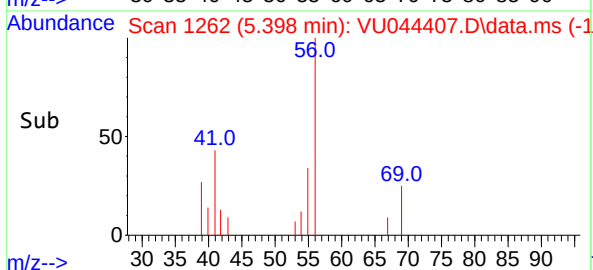
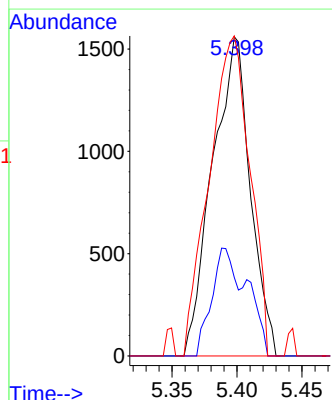
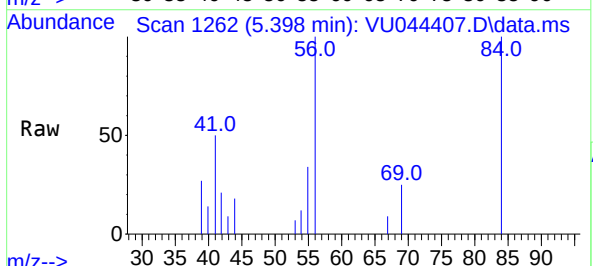
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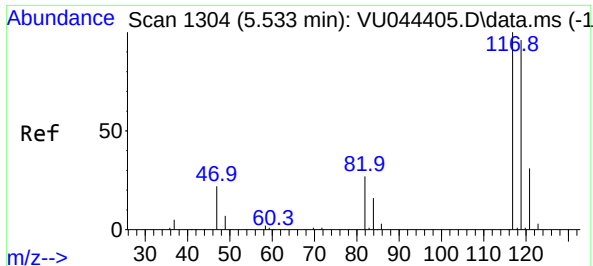
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#30
Cyclohexane
Concen: 0.153 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 56	Resp: 3151
Ion Ratio	Lower Upper
56 100	
69 21.3	24.8 37.2#
84 108.1	71.0 106.6#





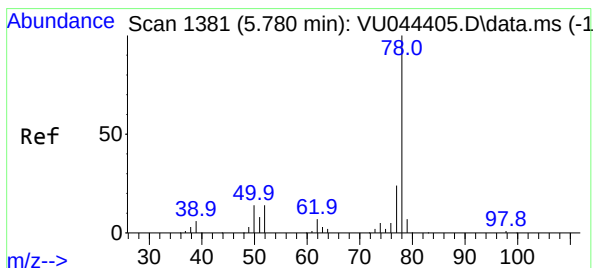
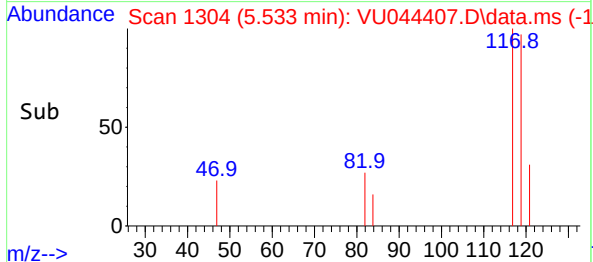
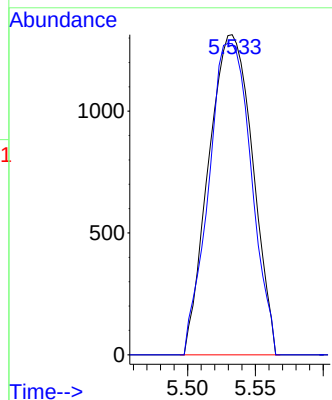
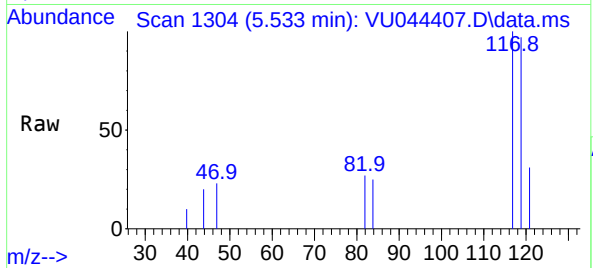
#31
Carbon tetrachloride
Concen: 0.201 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 117 Resp: 2970
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6

Instrument :
MSVOA_U
ClientSampleId :
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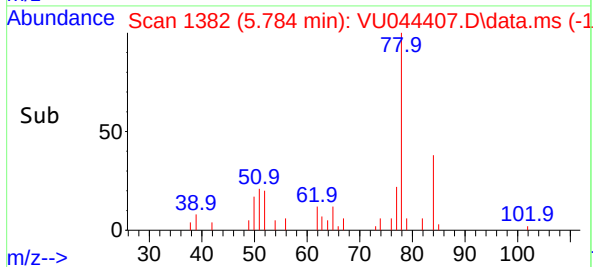
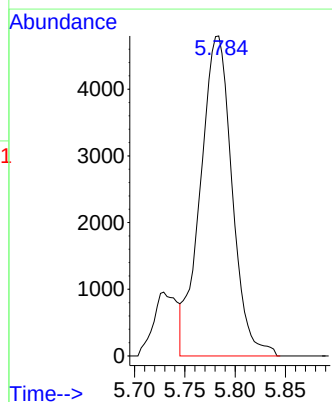
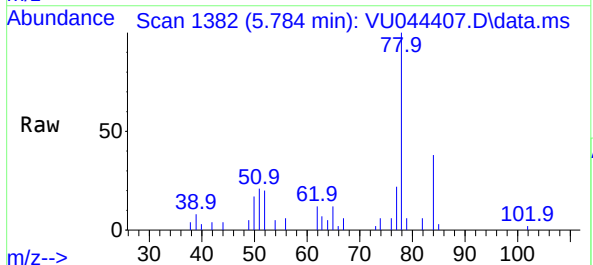
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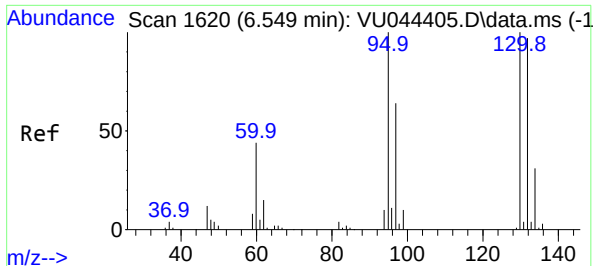
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#33
Benzene
Concen: 0.213 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 78 Resp: 10532





#34
Trichloroethene
Concen: 0.216 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

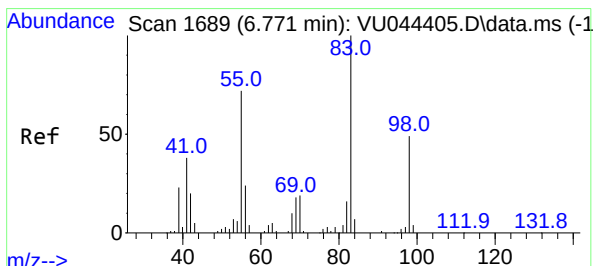
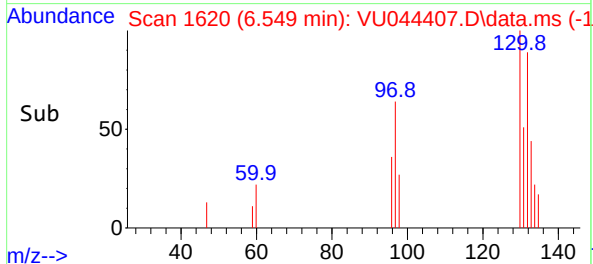
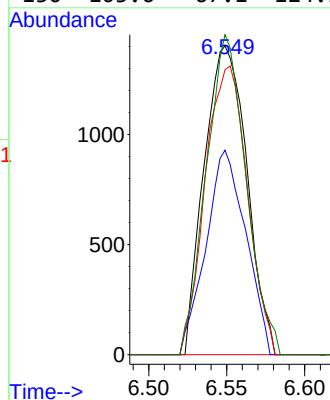
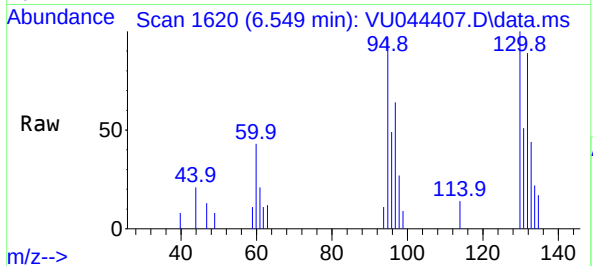
Tgt Ion: 95 Resp: 2673

Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.4	84.4
132	92.2	64.8	120.4
130	103.6	67.1	124.5

Instrument :
MSVOA_U
ClientSampleId :
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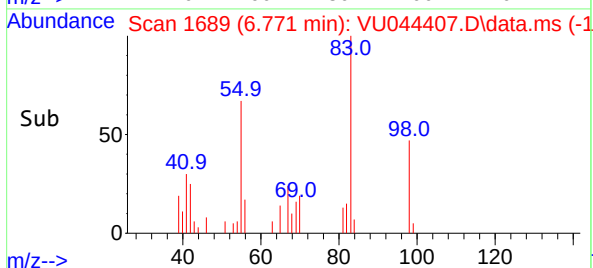
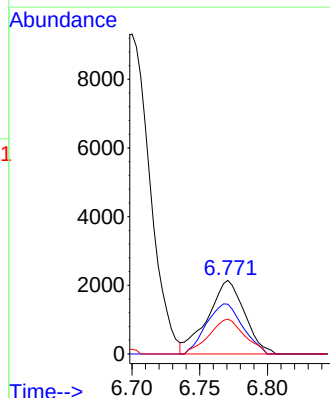
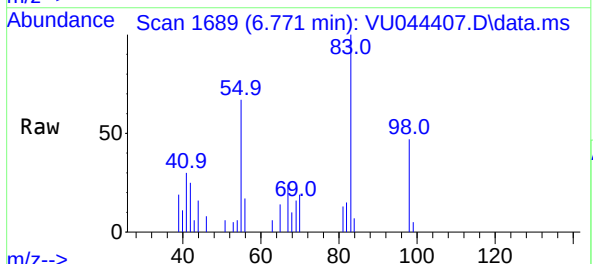
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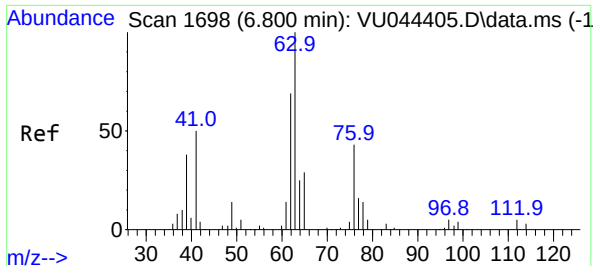


#35
Methylcyclohexane
Concen: 0.187 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 83 Resp: 4036

Ion	Ratio	Lower	Upper
83	100		
55	67.2	61.4	92.0
98	45.7	38.2	57.2





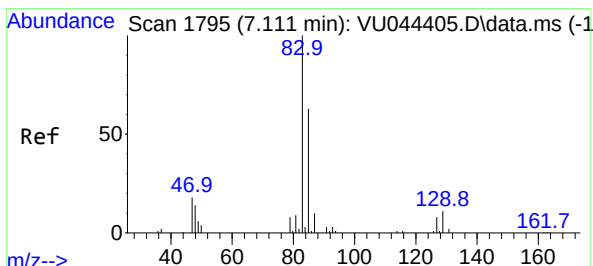
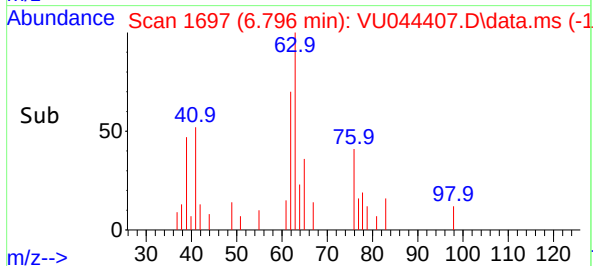
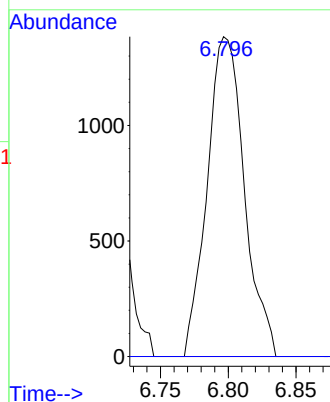
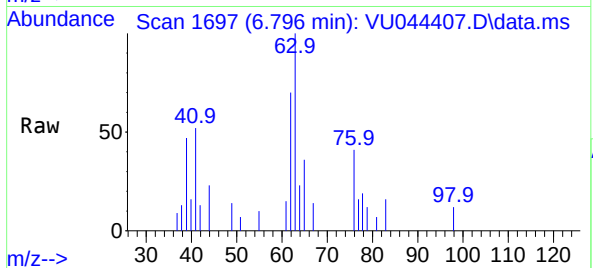
#37
1,2-Dichloropropane
Concen: 0.210 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 63 Resp: 2642
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

Instrument :
MSVOA_U
ClientSampleId :
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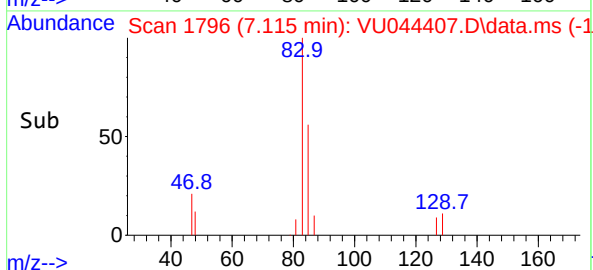
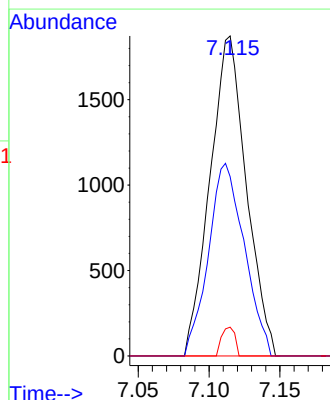
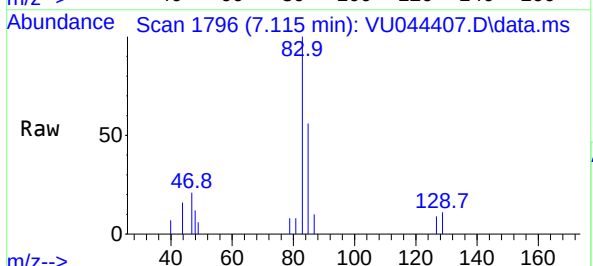
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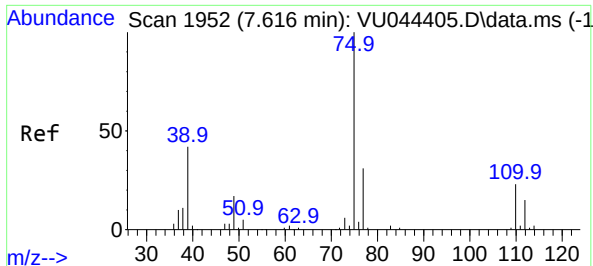
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#38
Bromodichloromethane
Concen: 0.219 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 83 Resp: 3342
Ion Ratio Lower Upper
83 100
85 56.1 44.0 81.6
127 9.0 6.6 10.0





#39

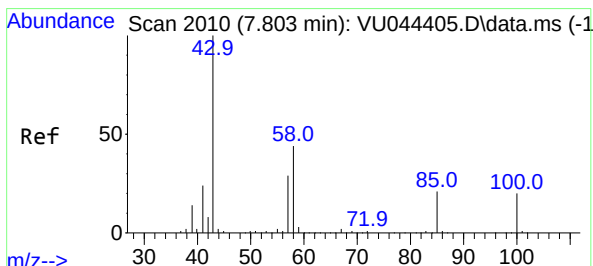
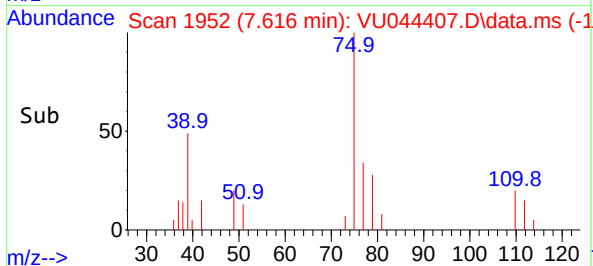
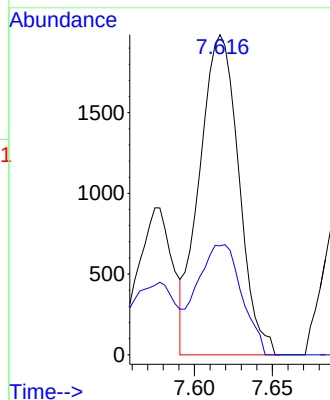
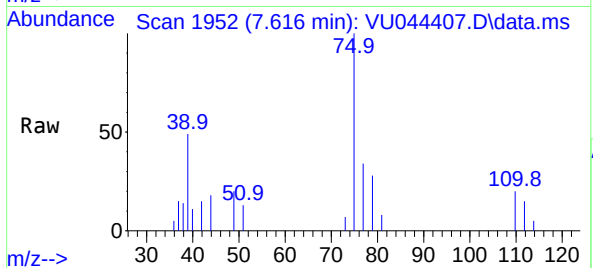
cis-1,3-Dichloropropene
Concen: 0.190 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 75 Resp: 3484
Ion Ratio Lower Upper
75 100
77 34.0 22.3 41.5

Instrument :
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ClientSampleId :
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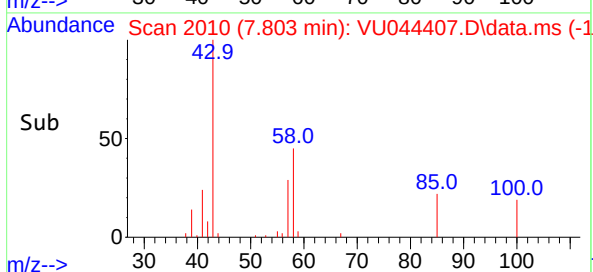
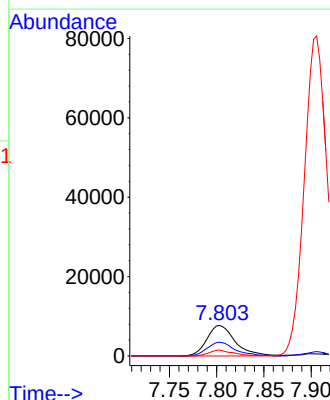
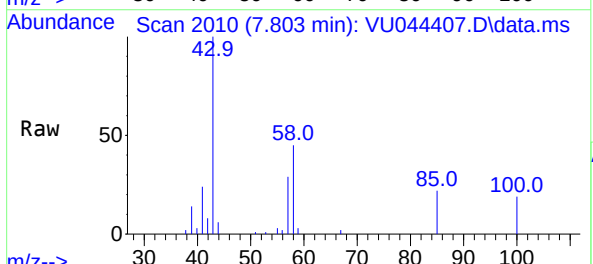
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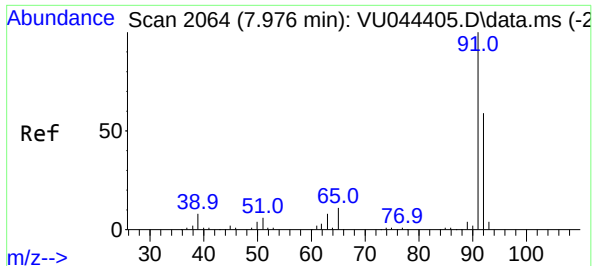


#40

4-Methyl-2-pentanone
Concen: 1.812 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 43 Resp: 16023
Ion Ratio Lower Upper
43 100
58 44.5 34.6 52.0
100 0.0 13.9 20.9#





#42

Toluene

Concen: 0.271 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU044407.D

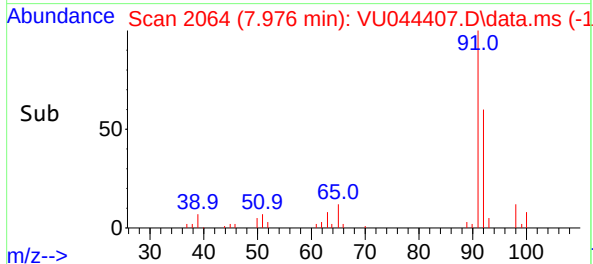
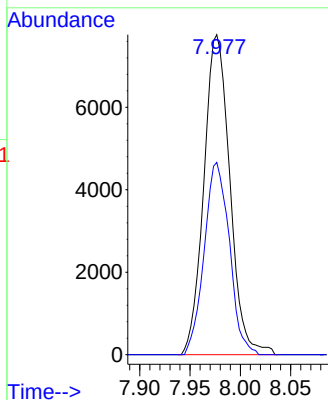
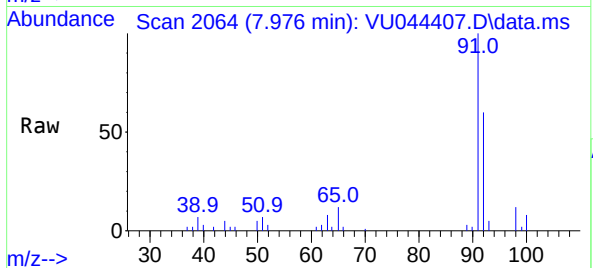
Acq: 10 Aug 2021 12:43

Tgt Ion: 91 Resp: 13994

Ion Ratio Lower Upper

91 100

92 60.1 41.3 76.7

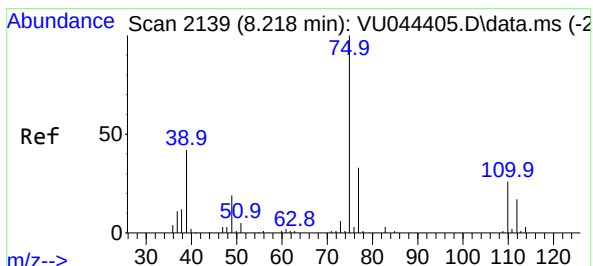


Instrument :
MSVOA_U
ClientSampleId :
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#44

trans-1,3-Dichloropropene

Concen: 0.201 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU044407.D

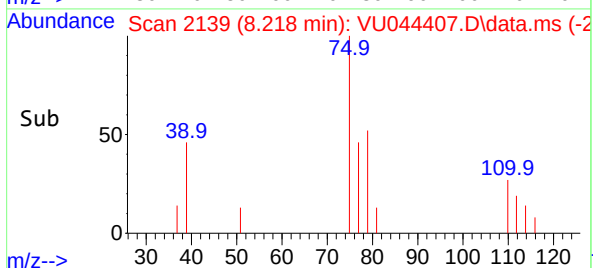
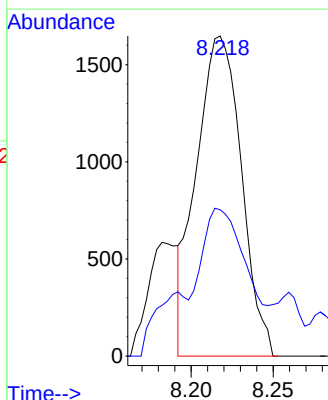
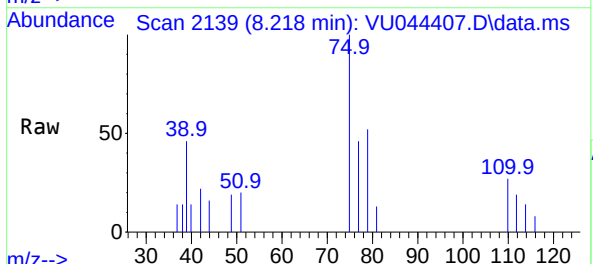
Acq: 10 Aug 2021 12:43

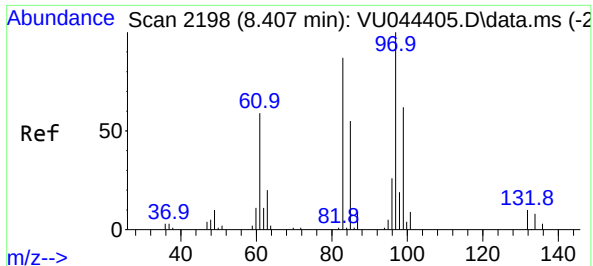
Tgt Ion: 75 Resp: 3141

Ion Ratio Lower Upper

75 100

77 45.7 22.5 41.7#





#45

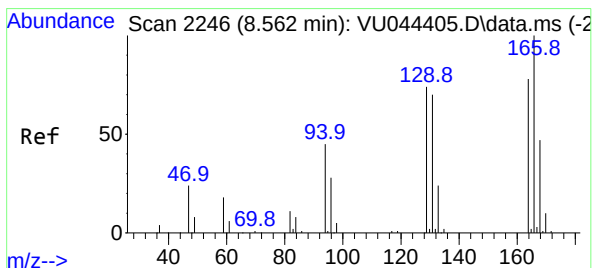
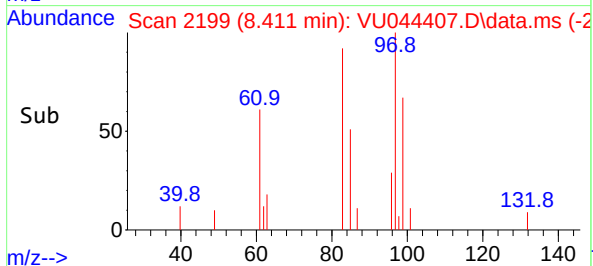
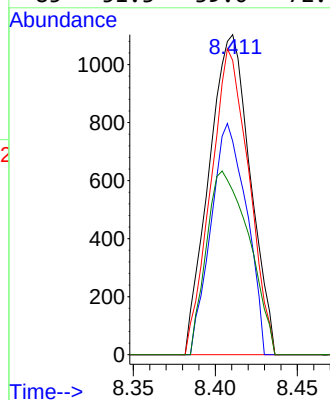
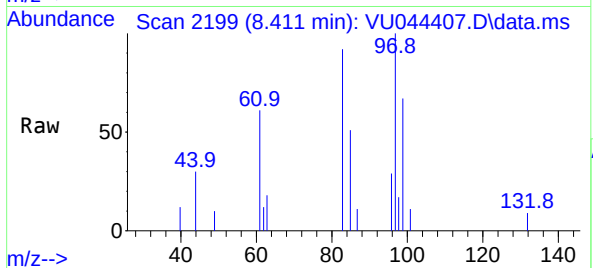
1,1,2-Trichloroethane
Concen: 0.206 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	97	Resp:	1926
Ion	Ratio	Lower	Upper
97	100		
99	66.7	44.0	81.6
83	91.9	62.2	115.4
85	51.3	39.0	72.4

Instrument :
MSVOA_U
ClientSampleId :
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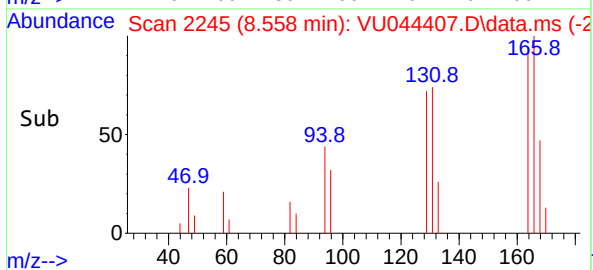
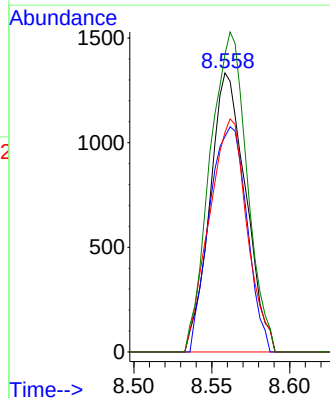
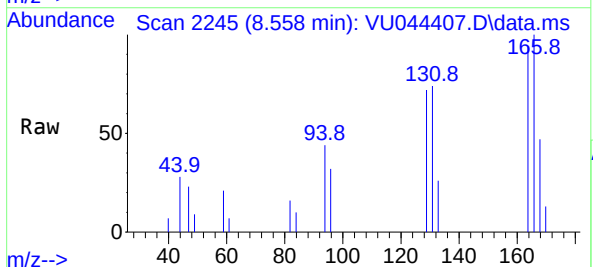
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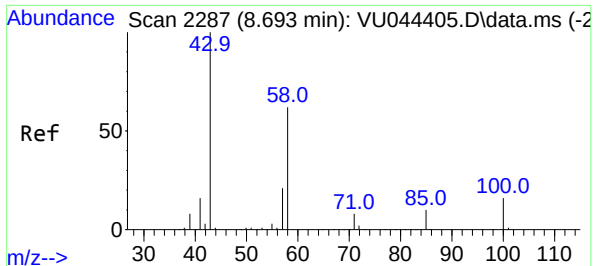


#47

Tetrachloroethene
Concen: 0.235 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	164	Resp:	2132
Ion	Ratio	Lower	Upper
164	100		
129	77.3	67.8	126.0
131	78.8	64.7	120.1
166	106.8	87.6	162.6





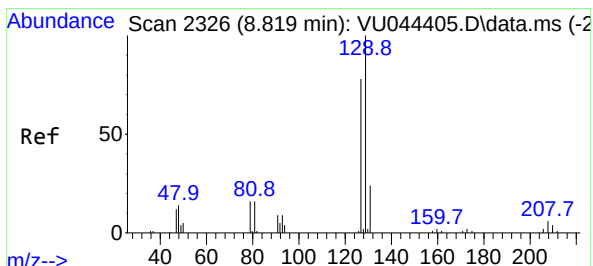
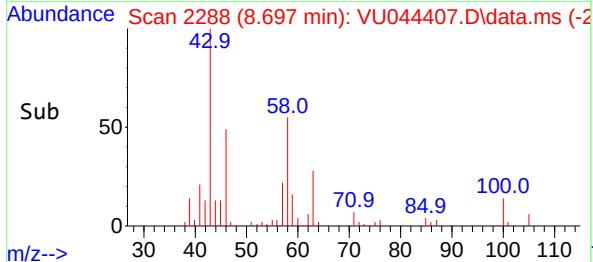
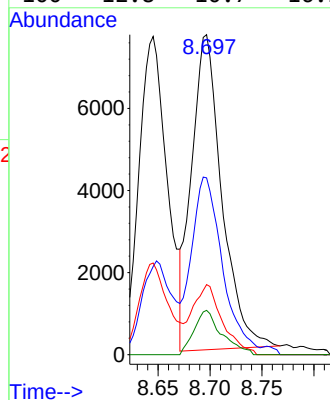
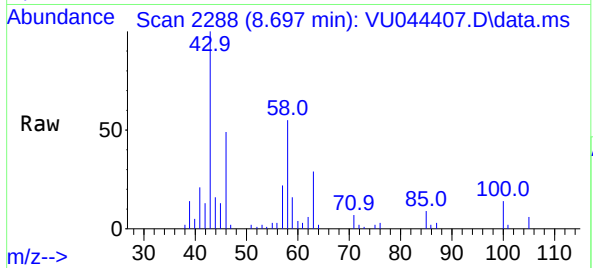
#48
2-Hexanone
Concen: 2.439 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	43	Resp:	15598
Ion	Ratio	Lower	Upper
43	100		
58	54.4	47.3	70.9
57	21.8	16.6	24.8
100	12.8	10.7	16.1

Instrument :
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ClientSampleId :
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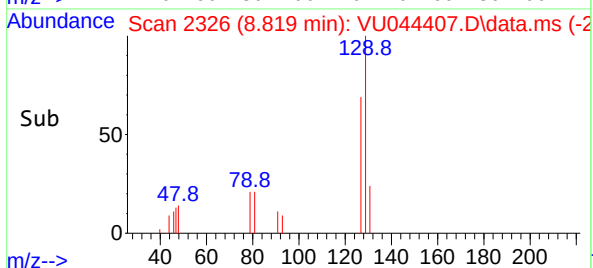
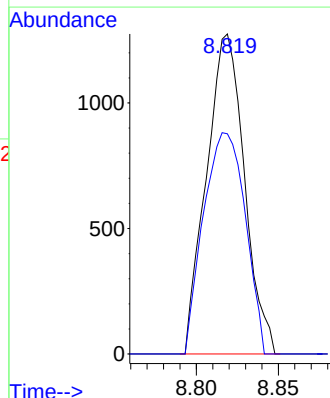
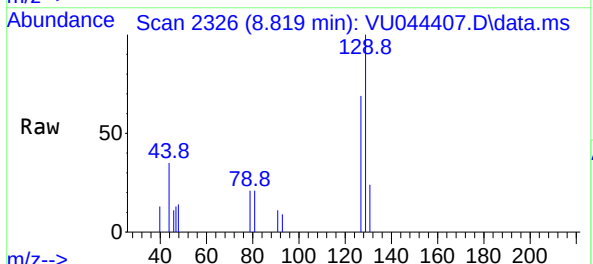
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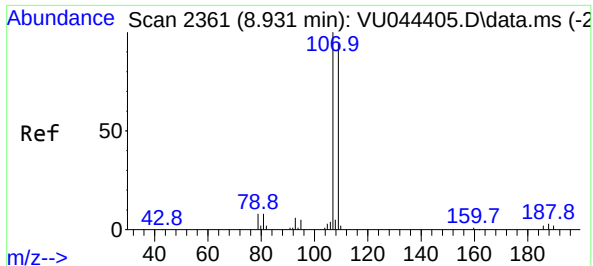
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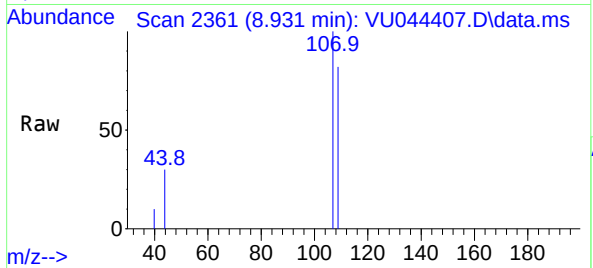
#49
Dibromochloromethane
Concen: 0.205 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	129	Resp:	2048
Ion	Ratio	Lower	Upper
129	100		
127	68.8	56.4	104.8

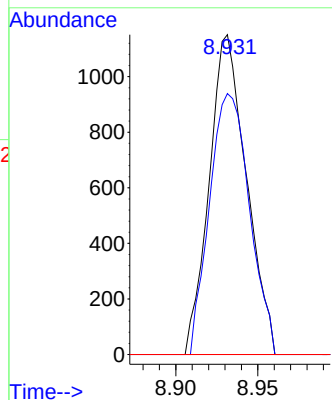




#50
1,2-Dibromoethane
Concen: 0.200 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



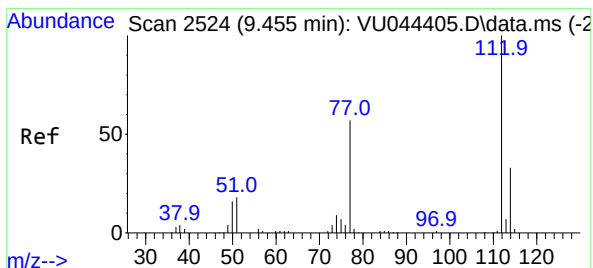
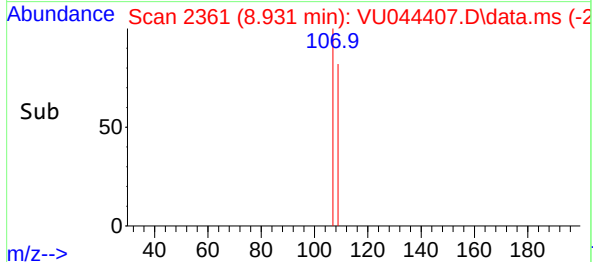
Tgt Ion:107 Resp: 1813
Ion Ratio Lower Upper
107 100
109 81.6 66.0 122.6
188 0.0 2.8 4.2#



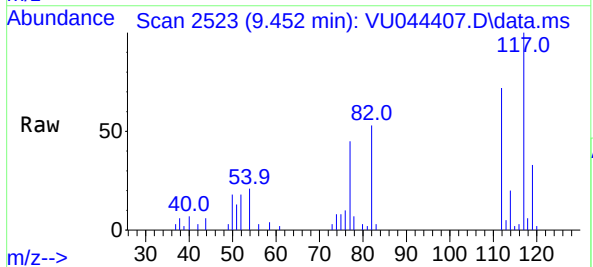
Instrument :
MSVOA_U
ClientSampleId :
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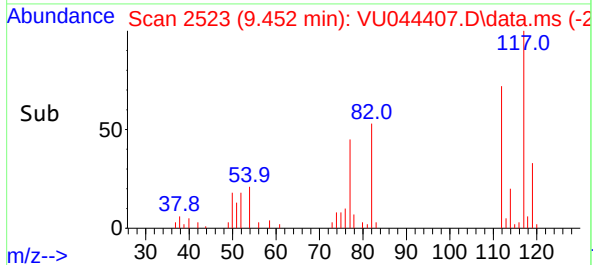
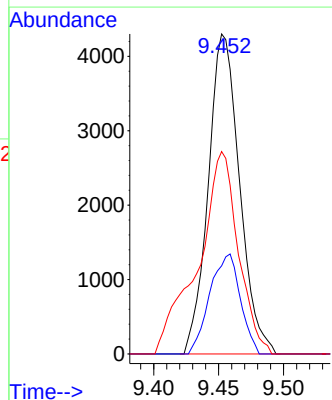
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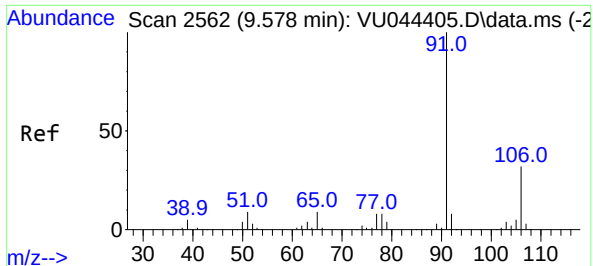


#51
Chlorobenzene
Concen: 0.225 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



Tgt Ion:112 Resp: 7200
Ion Ratio Lower Upper
112 100
114 27.6 22.5 41.7
77 63.2 48.9 73.3





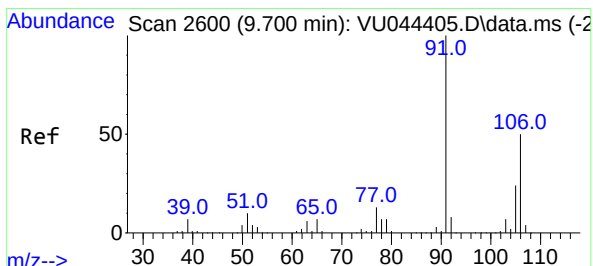
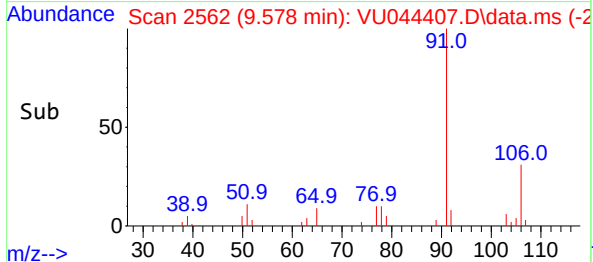
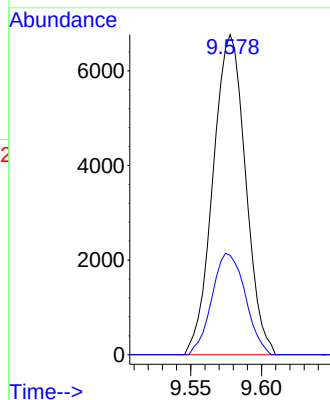
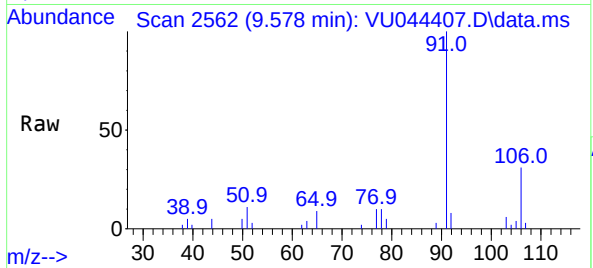
#52
Ethylbenzene
Concen: 0.196 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 91 Resp: 10792
Ion Ratio Lower Upper
91 100
106 31.1 20.9 38.9

Instrument :
MSVOA_U
ClientSampleId :
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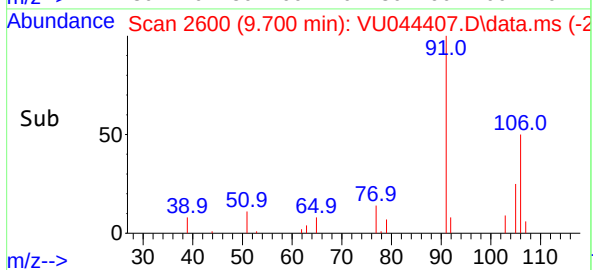
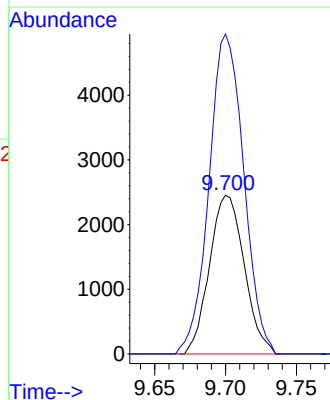
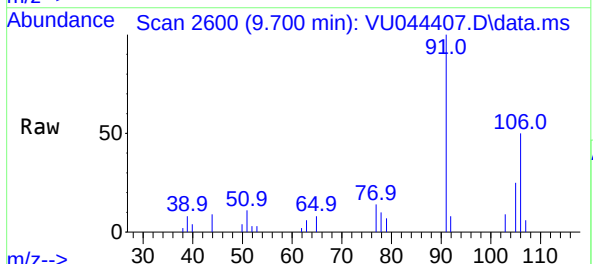
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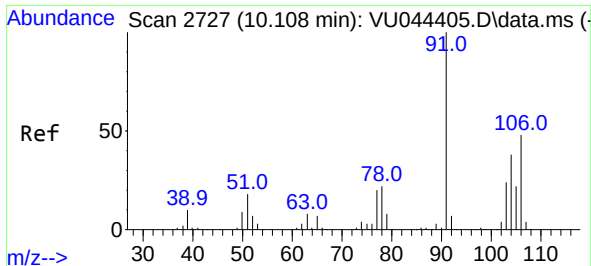
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#53
m,p-Xylene
Concen: 0.197 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion: 106 Resp: 4193
Ion Ratio Lower Upper
106 100
91 201.6 144.1 267.5





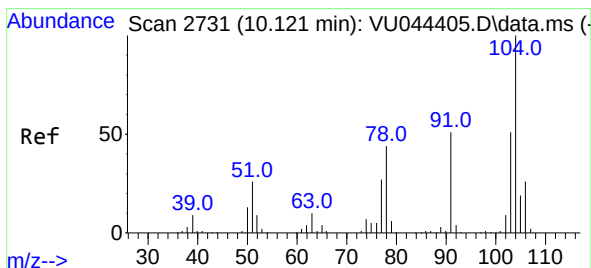
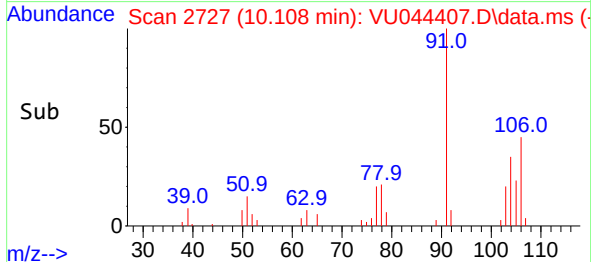
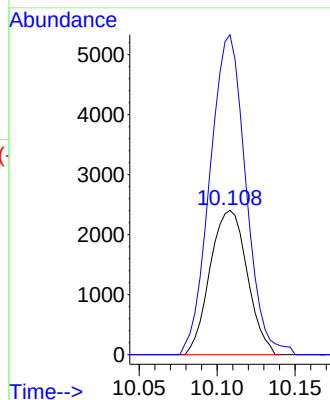
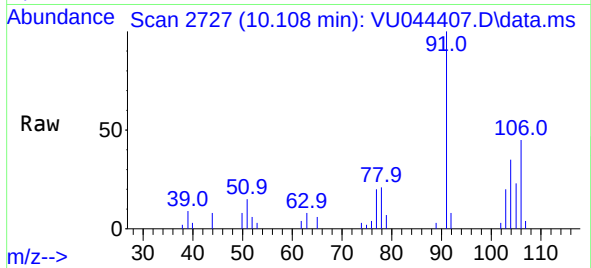
#54
o-Xylene
Concen: 0.192 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:106 Resp: 3993
Ion Ratio Lower Upper
106 100
91 221.7 151.0 280.4

Instrument :
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ClientSampleId :
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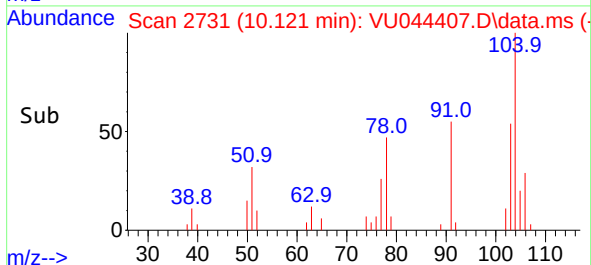
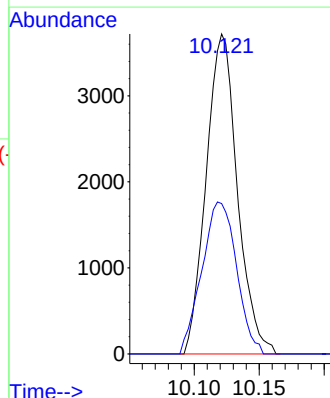
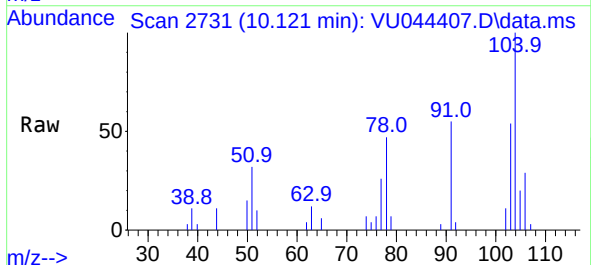
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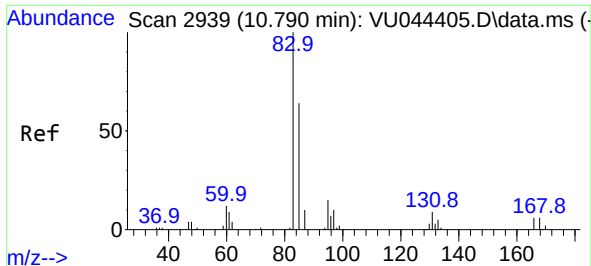
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#55
Styrene
Concen: 0.175 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:104 Resp: 6211
Ion Ratio Lower Upper
104 100
78 47.0 32.1 59.5





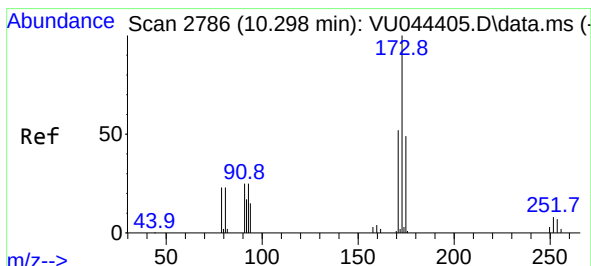
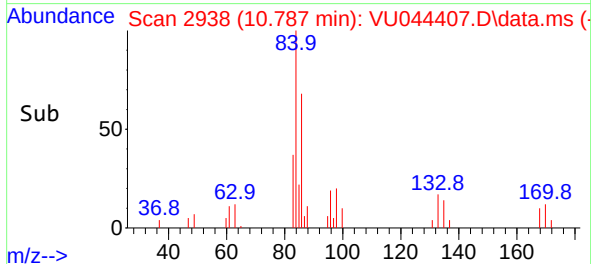
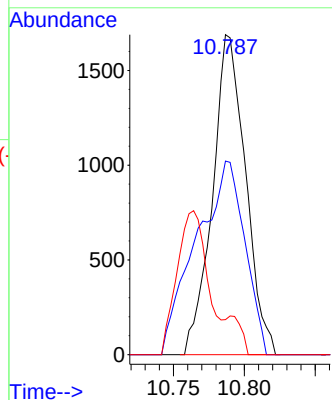
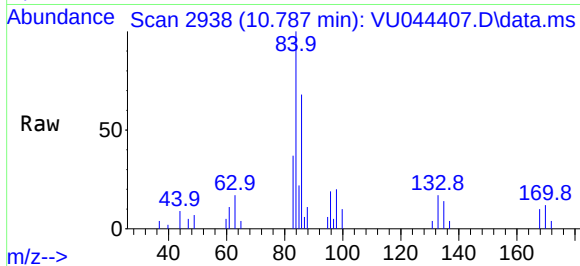
#57
1,1,2,2-Tetrachloroethane
Concen: 0.223 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	83	Resp:	2741
Ion	Ratio	Lower	Upper
83	100		
85	60.5	43.4	80.6
131	11.0	6.6	9.8#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

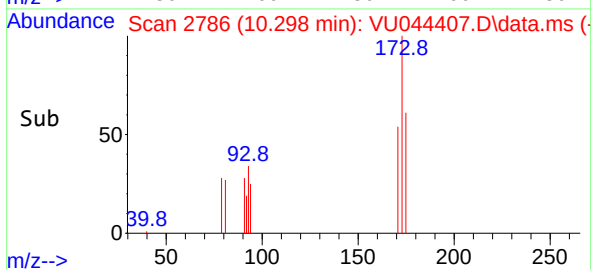
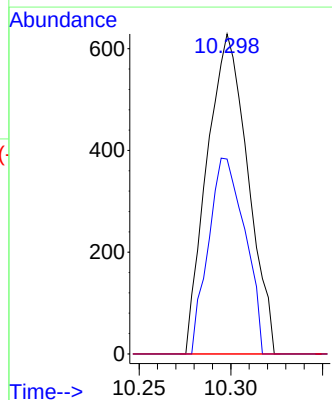
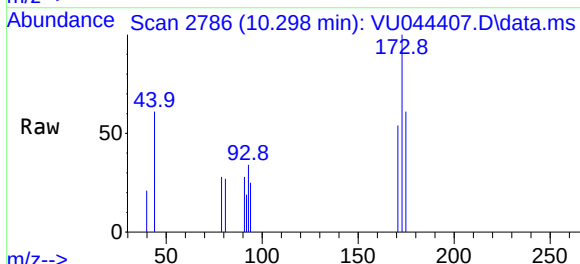
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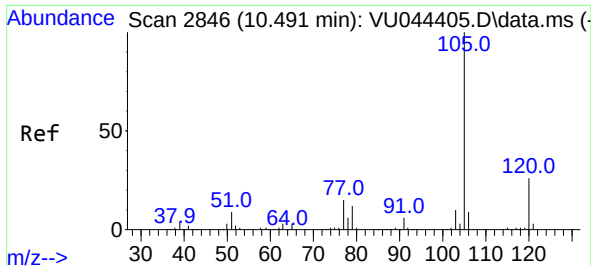
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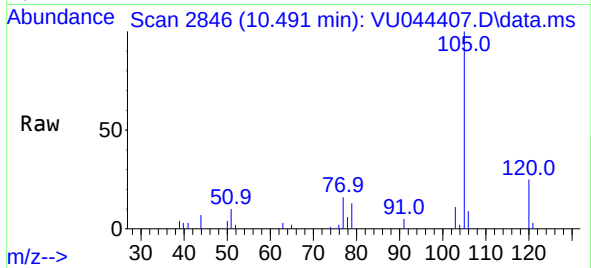
#59
Bromoform
Concen: 0.187 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:	173	Resp:	974
Ion	Ratio	Lower	Upper
173	100		
175	54.7	38.6	57.8
254	0.0	5.4	8.2#

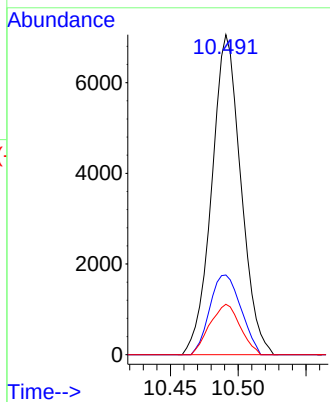
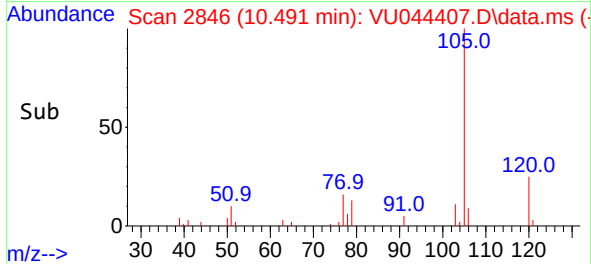




#60
Isopropylbenzene
Concen: 0.201 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



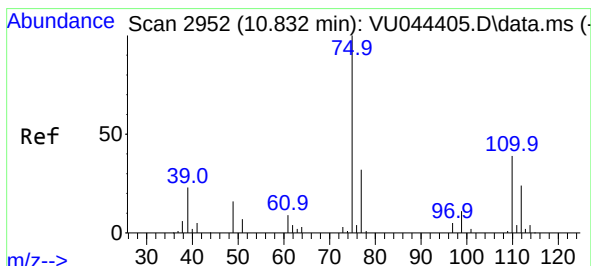
Tgt Ion: 105 Resp: 10567
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1
77 16.4 12.7 19.1



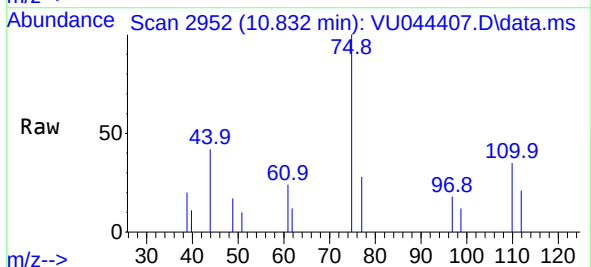
Instrument :
MSVOA_U
ClientSampleId :
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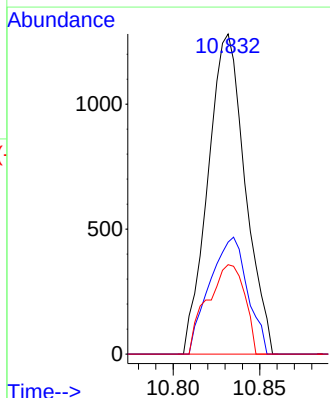
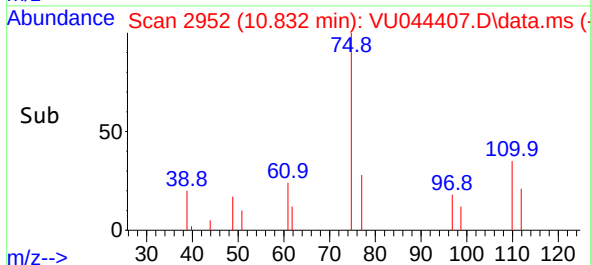
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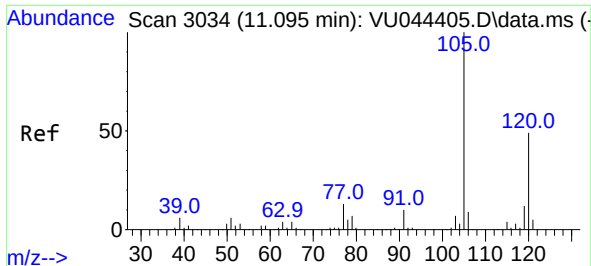


#61
1,2,3-Trichloropropane
Concen: 0.217 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



Tgt Ion: 75 Resp: 1911
Ion Ratio Lower Upper
75 100
110 37.2 30.2 45.2
77 27.9 26.2 39.2





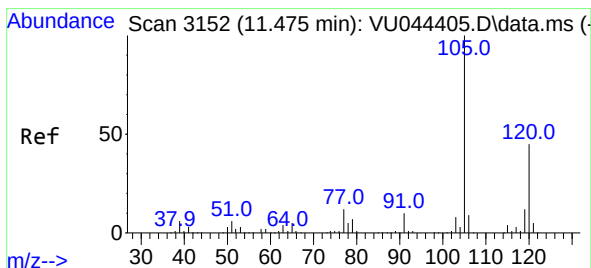
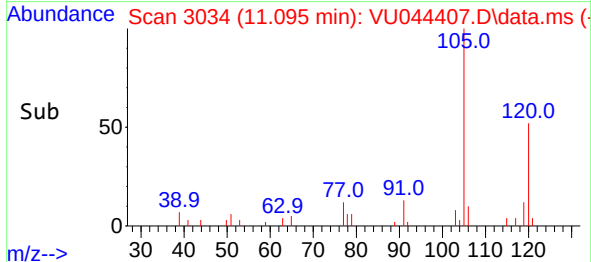
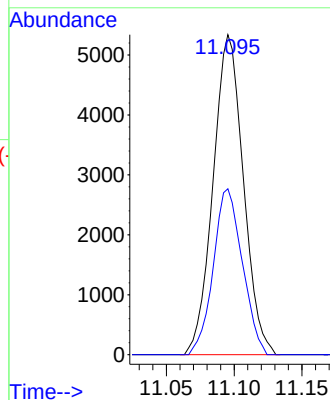
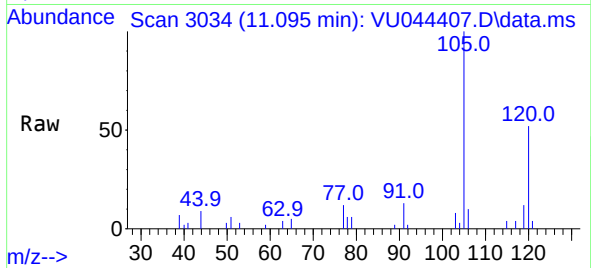
#62
1,3,5-Trimethylbenzene
Concen: 0.189 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:105 Resp: 8301
Ion Ratio Lower Upper
105 100
120 49.7 38.8 58.2

Instrument :
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ClientSampleId :
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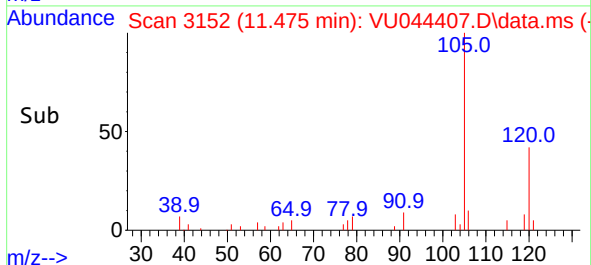
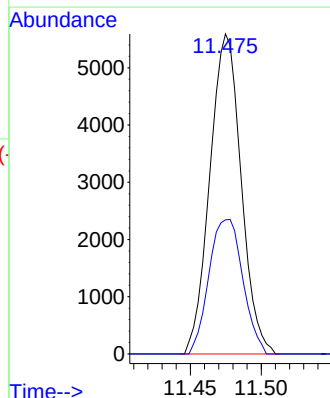
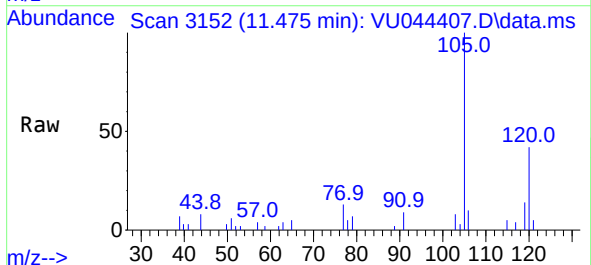
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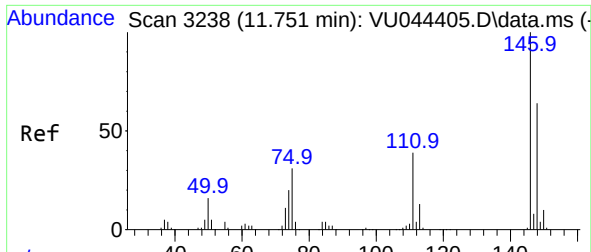
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#63
1,2,4-Trimethylbenzene
Concen: 0.190 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:105 Resp: 8589
Ion Ratio Lower Upper
105 100
120 45.4 36.0 54.0





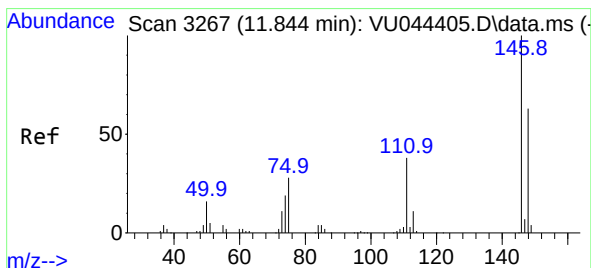
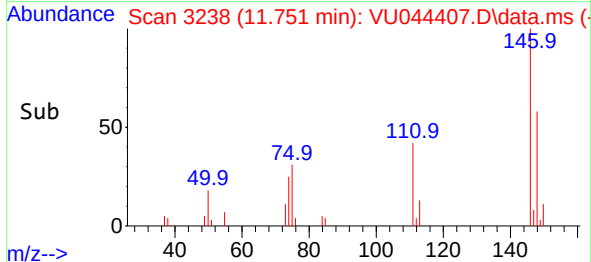
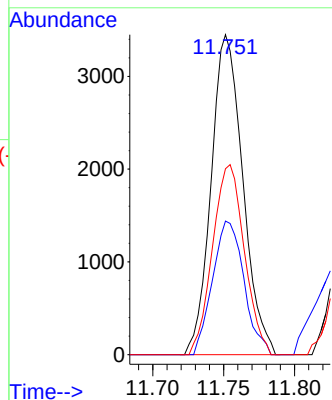
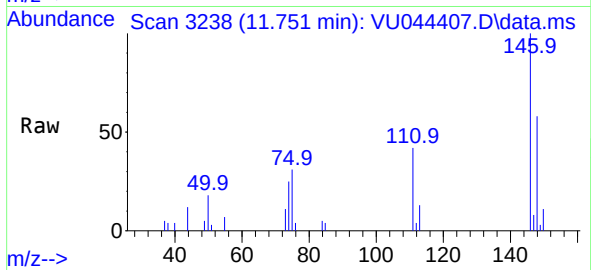
#64
1,3-Dichlorobenzene
Concen: 0.223 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:146 Resp: 5369
Ion Ratio Lower Upper
146 100
111 41.7 29.5 54.7
148 58.1 45.1 83.9

Instrument :
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ClientSampleId :
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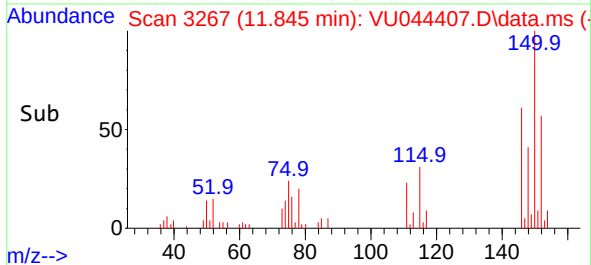
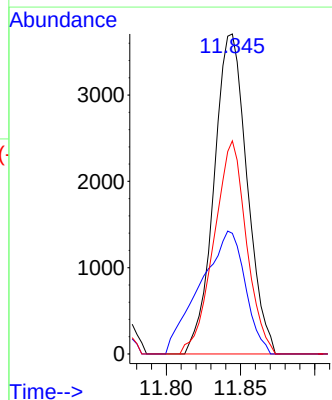
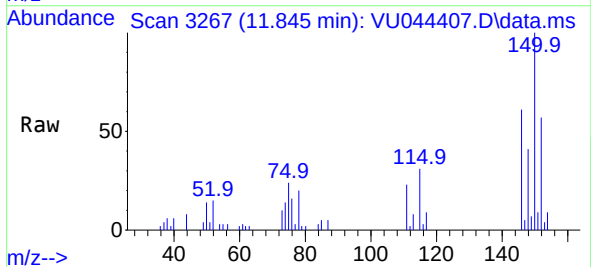
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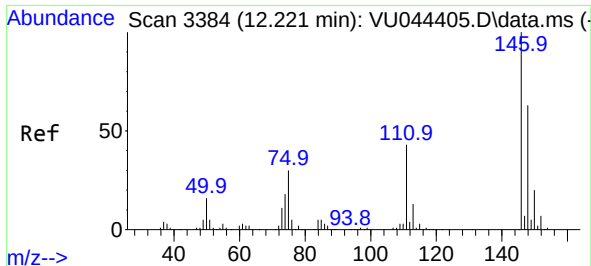
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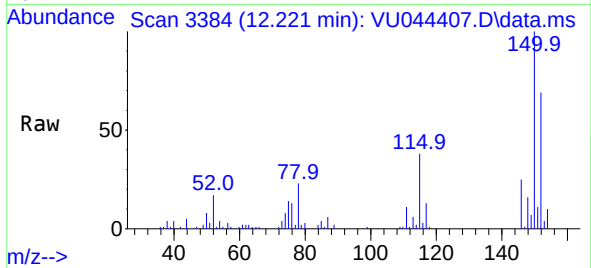
#65
1,4-Dichlorobenzene
Concen: 0.234 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43

Tgt Ion:146 Resp: 5740
Ion Ratio Lower Upper
146 100
111 37.7 28.8 53.4
148 66.6 44.9 83.3

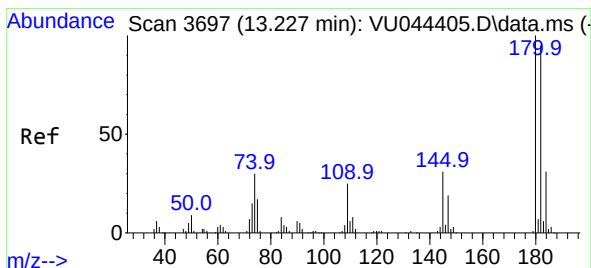
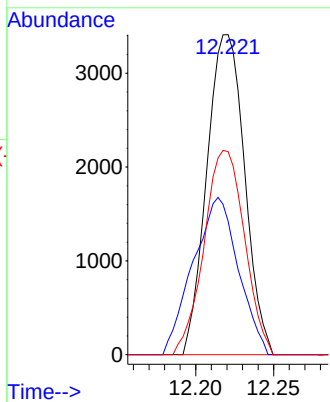
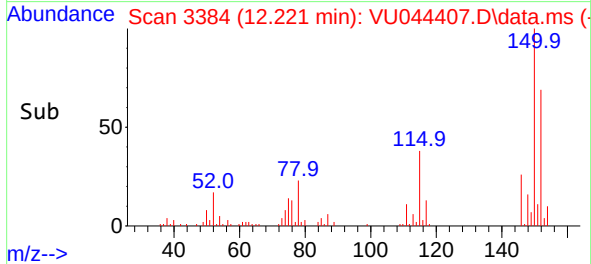




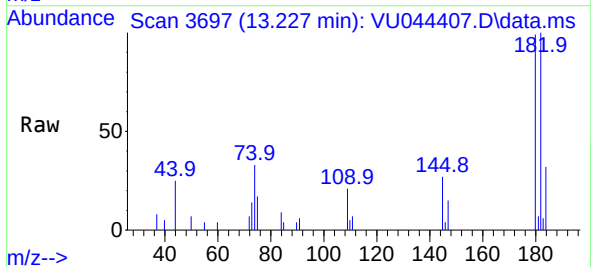
#67
1,2-Dichlorobenzene
Concen: 0.248 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



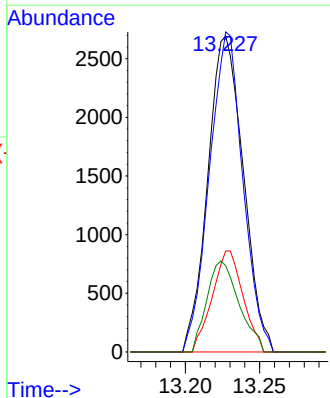
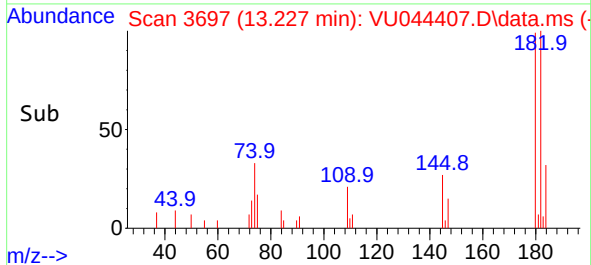
Tgt Ion:146 Resp: 5746
Ion Ratio Lower Upper
146 100
111 41.7 35.1 52.7
148 63.4 52.0 78.0



#69
1,3,5-Trichlorobenzene
Concen: 0.249 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



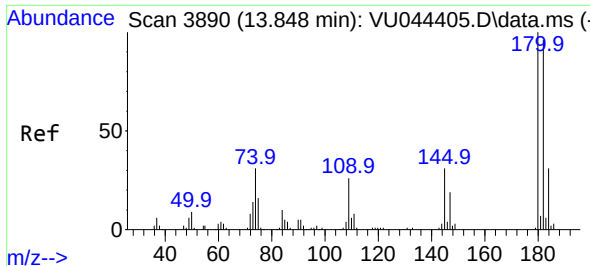
Tgt Ion:180 Resp: 4481
Ion Ratio Lower Upper
180 100
182 95.4 75.6 113.4
184 27.7 23.8 35.6
145 26.1 24.5 36.7



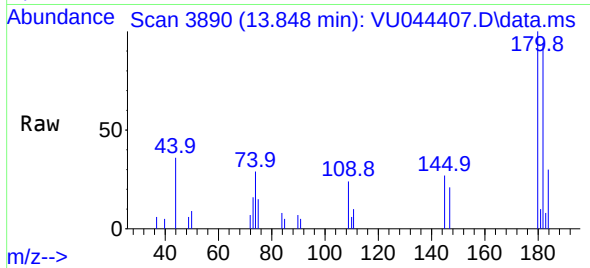
Instrument :
MSVOA_U
ClientSampleId :
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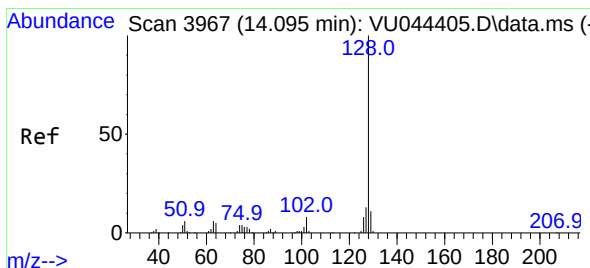
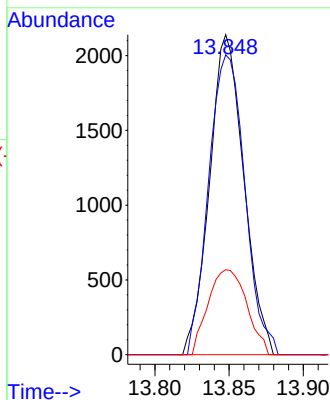
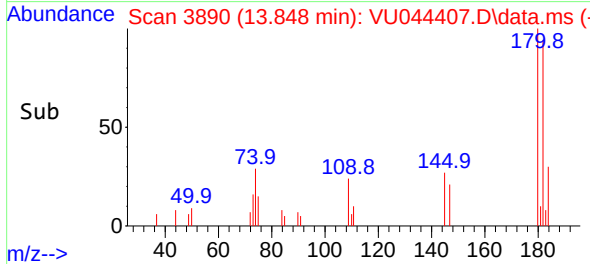
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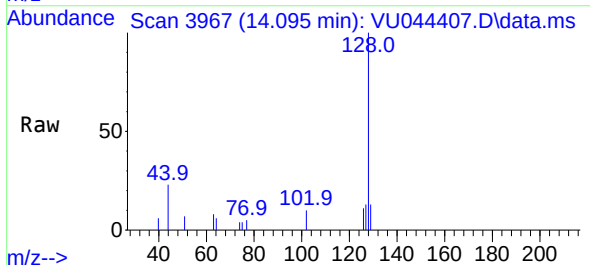
#70
1,2,4-trichlorobenzene
Concen: 0.226 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



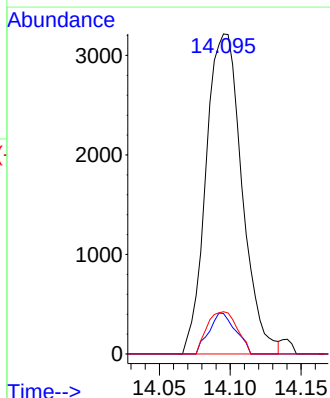
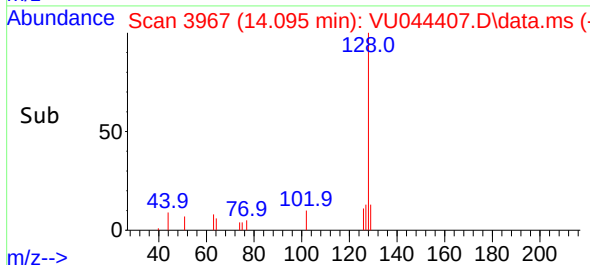
Tgt Ion:180 Resp: 3435
Ion Ratio Lower Upper
180 100
182 98.9 76.3 114.5
145 30.0 24.7 37.1



#71
Naphthalene
Concen: 0.190 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU044407.D
Acq: 10 Aug 2021 12:43



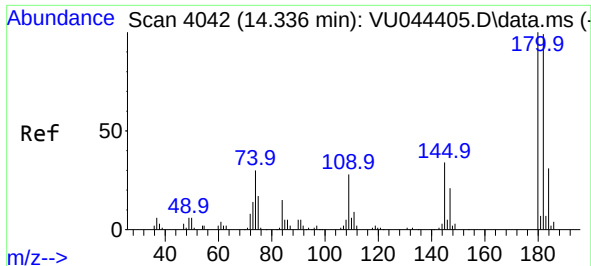
Tgt Ion:128 Resp: 5670
Ion Ratio Lower Upper
128 100
129 9.5 8.6 13.0
127 11.1 10.2 15.4



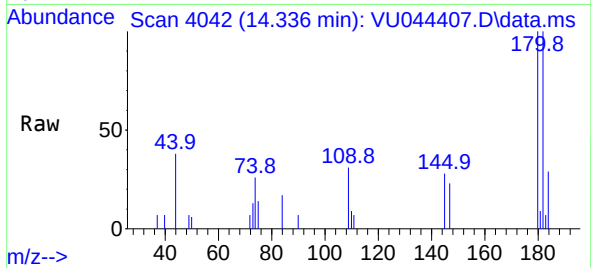
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-08

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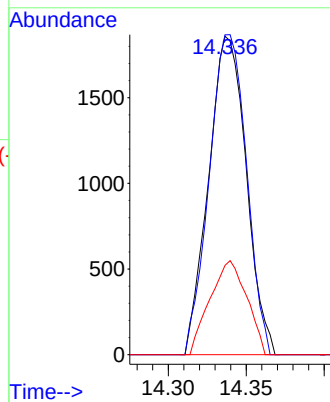
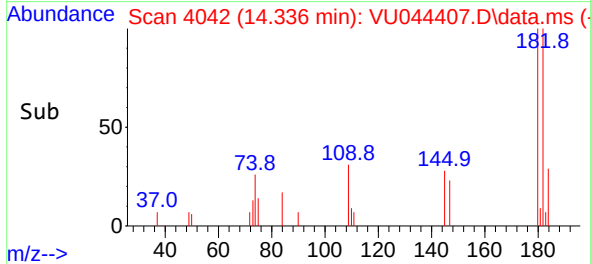
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#72
 1,2,3-Trichlorobenzene
 Concen: 0.226 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VU044407.D
 Acq: 10 Aug 2021 12:43



Tgt Ion:	180	Resp:	3118
Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.6	115.0
145	28.9	27.0	40.4



Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2021-08

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