

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072221\
 Data File : VU044390.D
 Acq On : 22 Jul 2021 14:43
 Operator : SY/MD
 Sample : M2940-09 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 11:09:15 AM

Quant Time: Jul 23 03:31:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 16 14:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	46021	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	17380	0.936	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	18027	0.995	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11130	0.693	ug/l	96
3) Chloromethane	1.523	50	12637	0.723	ug/l	97
4) Vinyl Chloride	1.607	62	12936	0.734	ug/l	96
5) Bromomethane	1.861	94	7343	0.781	ug/l	98
6) Chloroethane	1.938	64	8982	0.837	ug/l	96
7) Trichlorofluoromethane	2.144	101	15375	0.807	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	9384	0.779	ug/l	95
9) 1,1-Dichloroethene	2.588	96	9247	0.787	ug/l	90
10) Iodomethane	2.729	142	11425	0.743	ug/l	89
11) Allyl Chloride	2.932	41	14960	0.773	ug/l	84
12) Acrylonitrile	3.327	53	3379	1.255	ug/l	91
13) Acetone	2.639	43	4889	3.640	ug/l	96
14) Carbon Disulfide	2.800	76	27589	0.709	ug/l	99
15) Methylene Chloride	3.054	84	24789	1.486	ug/l	92
16) trans-1,2-Dichloroethene	3.359	96	9852	0.752	ug/l	94
17) 1,1-Dichloroethane	3.880	63	19626	0.804	ug/l	99
18) 2-Butanone	4.732	43	10307	3.578	ug/l	100
19) Cyclohexane	5.388	56	17655	0.791	ug/l	97
20) Methylcyclohexane	6.764	83	16141	0.693	ug/l	97
21) 2,2-Dichloropropane	4.674	77	16195	0.809	ug/l	98
22) cis-1,2-Dichloroethene	4.678	96	11324	0.790	ug/l	93
23) Diethyl Ether	2.382	59	7702	0.781	ug/l	98
24) tert-Butyl Alcohol	3.211	59	3695	6.314	ug/l #	88
25) Methyl tert-Butyl Ether	3.379	73	25801	0.786	ug/l	94
26) Bromochloromethane	4.980	128	4671	0.770	ug/l	95
27) Chloroform	5.099	83	19173	0.811	ug/l	96
28) 1,1,1-Trichloroethane	5.321	97	15275	0.775	ug/l	99
29) 1,1-Dichloropropene	5.530	75	14089	0.753	ug/l	98
30) Carbon Tetrachloride	5.530	117	11564	0.704	ug/l	90
31) Isopropyl Ether	4.012	45	32854	0.809	ug/l	95
32) Ethyl-t-butyl ether	4.520	59	30454	0.760	ug/l	96
33) Tert-Amyl methyl ether	5.961	73	23760	0.667	ug/l	99
34) Propionitrile	4.800	54	2738	3.358	ug/l #	86
35) Benzene	5.780	78	39946	0.734	ug/l	100
36) 1,2-Dichloroethane	5.806	62	11917	0.763	ug/l	100
37) Trichloroethene	6.549	130	10046	0.735	ug/l	95
38) 1,2-Dichloropropane	6.803	63	10413	0.723	ug/l	99
39) Methacrylonitrile	4.996	41	3272	0.704	ug/l #	91
40) Methyl acrylate	4.864	55	5068	0.701	ug/l	96
41) Tetrahydrofuran	5.076	42	2860	1.297	ug/l	97
42) 1-Chlorobutane	5.465	56	19407	0.733	ug/l	92
43) Dibromomethane	6.928	93	5382	0.753	ug/l	94
44) Bromodichloromethane	7.115	83	11837	0.699	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072221\
 Data File : VU044390.D
 Acq On : 22 Jul 2021 14:43
 Operator : SY/MD
 Sample : M2940-09 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 11:09:15 AM

Quant Time: Jul 23 03:31:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 16 14:36:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.813	43	33226	3.424	ug/l	95
46) t-1,4-Dichloro-2-butene	10.845	75	4027m	0.979	ug/l	
47) Methyl methacrylate	6.980	69	11190	1.417	ug/l #	89
48) Ethyl methacrylate	8.346	69	10593	0.650	ug/l	94
49) Toluene	7.977	92	23600	0.690	ug/l	99
50) t-1,3-Dichloropropene	8.221	75	11193	0.636	ug/l	97
51) cis-1,3-Dichloropropene	7.616	75	13290	0.640	ug/l	96
52) 1,1,2-Trichloroethane	8.411	97	7693	0.731	ug/l	97
53) 1,3-Dichloropropane	8.584	76	14766	0.764	ug/l	98
54) 2-Hexanone	8.703	43	24000	3.477	ug/l	97
55) Dibromochloromethane	8.819	129	7400	0.649	ug/l	99
56) 1,2-Dibromoethane	8.931	107	7478	0.727	ug/l	99
58) Tetrachloroethene	8.558	164	8809	0.759	ug/l	96
59) Chlorobenzene	9.456	112	24612	0.680	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	8031	0.666	ug/l	95
61) Pentachloroethane	11.433	117	5940	0.616	ug/l	89
62) Hexachloroethane	12.481	117	6207	0.617	ug/l	88
63) Ethyl Benzene	9.578	91	44540	0.689	ug/l	100
64) m/p-Xylenes	9.700	106	33020	1.336	ug/l	98
65) o-Xylene	10.108	106	16455	0.690	ug/l	99
66) Styrene	10.121	104	27427	0.667	ug/l	96
67) Bromoform	10.301	173	3823	0.599	ug/l #	97
69) Isopropylbenzene	10.491	105	42266	0.662	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.790	83	10180	0.733	ug/l	97
71) 1,2,3-Trichloropropane	10.835	75	8367m	0.703	ug/l	
72) Bromobenzene	10.790	156	10681	0.723	ug/l	95
73) n-propylbenzene	10.912	120	11486	0.668	ug/l	94
74) 2-Chlorotoluene	10.992	126	9946	0.674	ug/l	90
75) 1,3,5-Trimethylbenzene	11.095	105	34869	0.647	ug/l	97
76) 4-Chlorotoluene	11.105	126	10681	0.697	ug/l	95
77) tert-Butylbenzene	11.427	119	34748	0.657	ug/l	96
78) 1,2,4-Trimethylbenzene	11.475	105	36288	0.663	ug/l	98
79) sec-Butylbenzene	11.648	105	49631	0.689	ug/l	98
80) Nitrobenzene	13.221	77	880	2.124	ug/l #	78
81) p-Isopropyltoluene	11.800	119	40482	0.679	ug/l	97
82) 1,3-Dichlorobenzene	11.751	146	21230	0.724	ug/l	99
83) 1,4-Dichlorobenzene	11.845	146	21441	0.724	ug/l	99
84) n-Butylbenzene	12.214	91	38644	0.662	ug/l	99
85) 1,2-Dichlorobenzene	12.221	146	20364	0.716	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1737	0.723	ug/l	86
87) 1,2,4-Trichlorobenzene	13.851	180	13478	0.670	ug/l	94
88) Hexachlorobutadiene	14.028	225	6768	0.695	ug/l	99
89) Naphthalene	14.095	128	24150	0.600	ug/l	99
90) 1,2,3-Trichlorobenzene	14.336	180	11980	0.656	ug/l	96

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

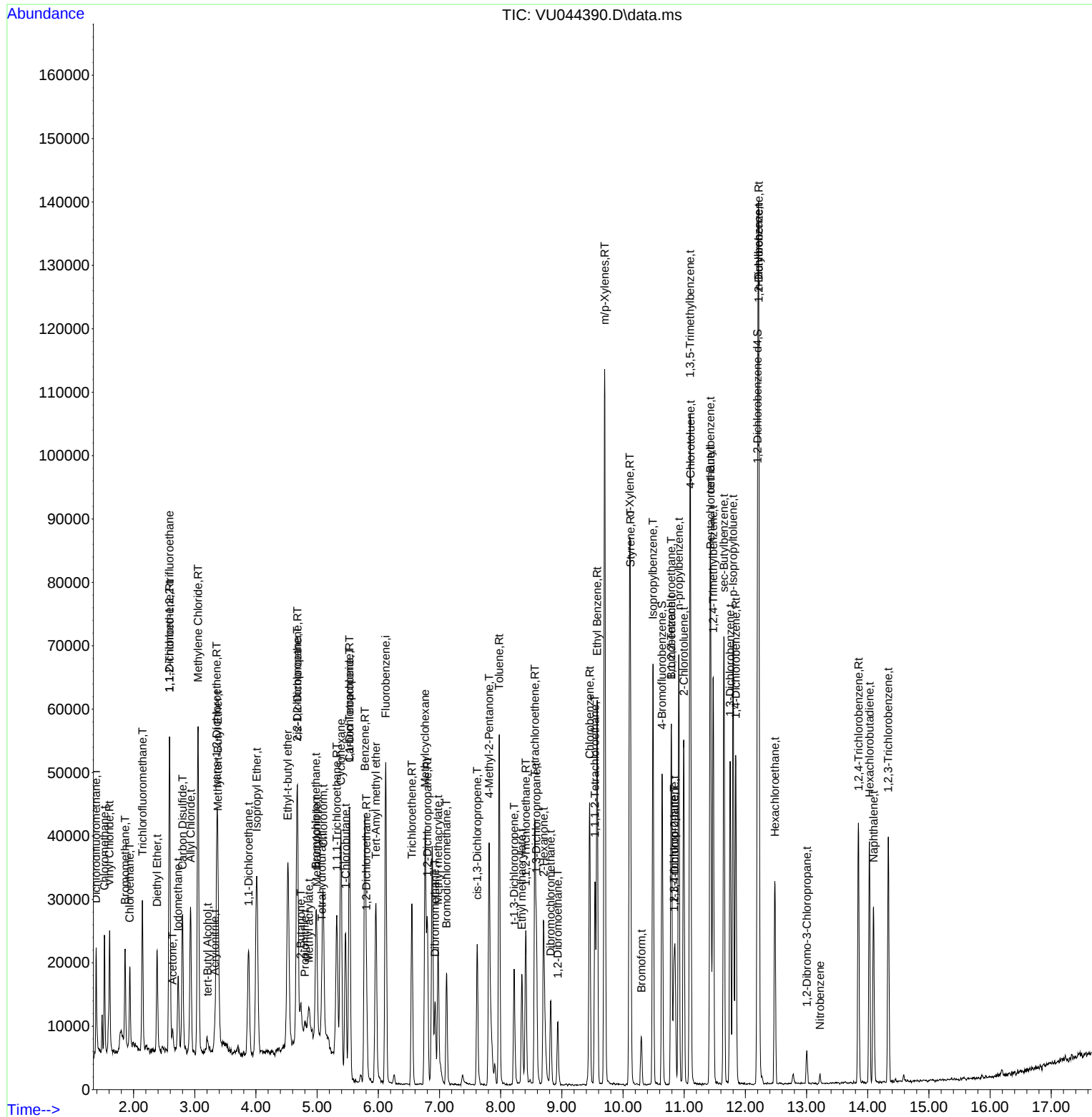
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072221\
 Data File : VU044390.D
 Acq On : 22 Jul 2021 14:43
 Operator : SY/MD
 Sample : M2940-09 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

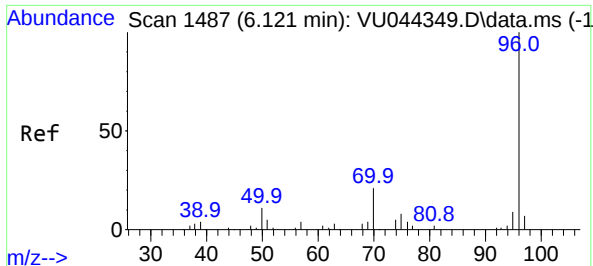
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 11:09:15 AM

Quant Time: Jul 23 03:31:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 16 14:36:39 2021
 Response via : Initial Calibration





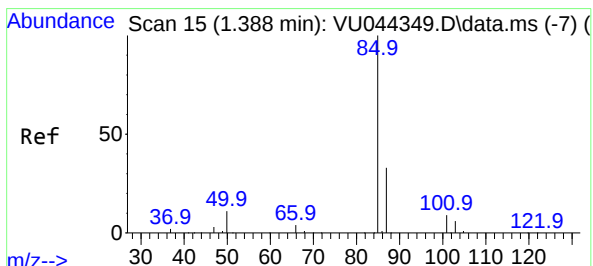
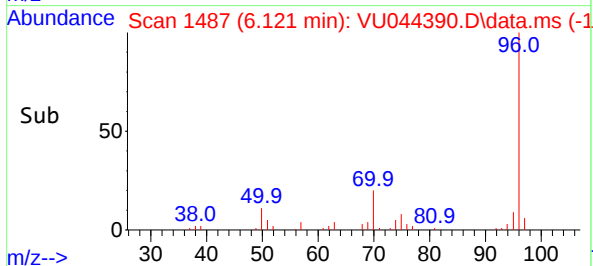
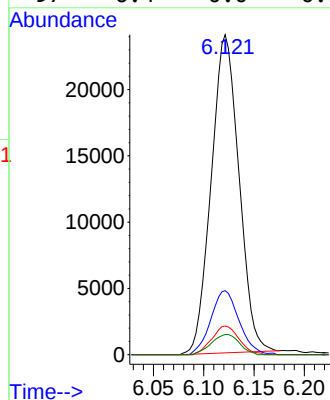
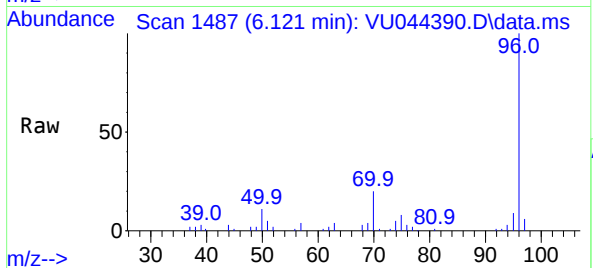
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:	96	Resp:	46021
Ion	Ratio	Lower	Upper
96	100		
70	20.6	16.2	24.2
95	8.9	7.3	10.9
97	6.4	0.0	0.0#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

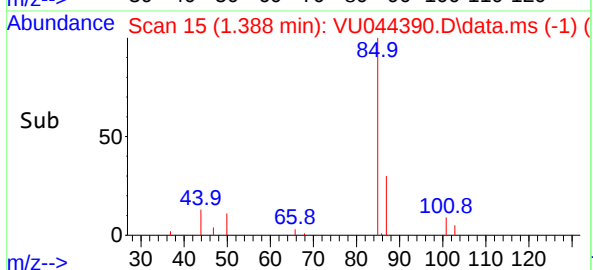
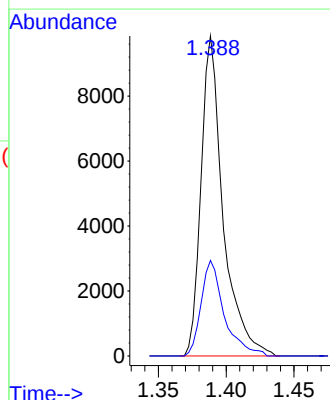
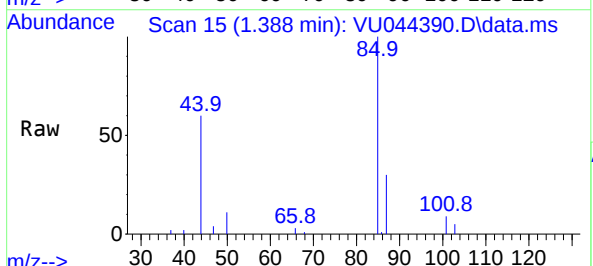
Manual Integrations
APPROVED

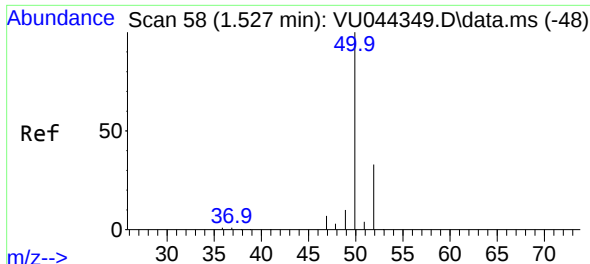
MMDadoda
7/28/2021 11:09:15 AM



#2
Dichlorodifluoromethane
Concen: 0.693 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:	85	Resp:	11130
Ion	Ratio	Lower	Upper
85	100		
87	29.9	16.0	48.0





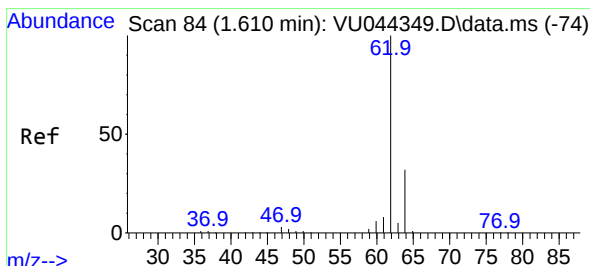
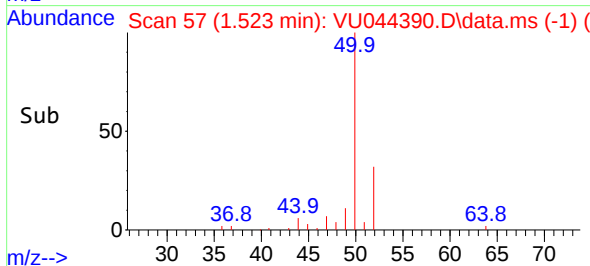
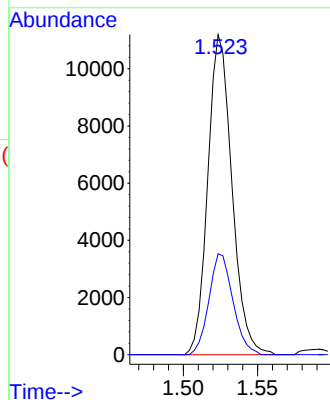
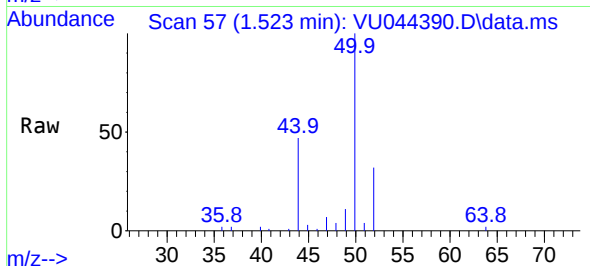
#3
Chloromethane
Concen: 0.723 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 50 Resp: 12637
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

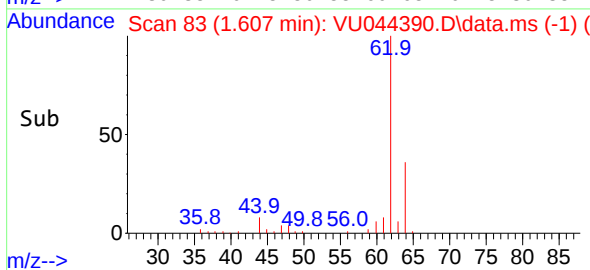
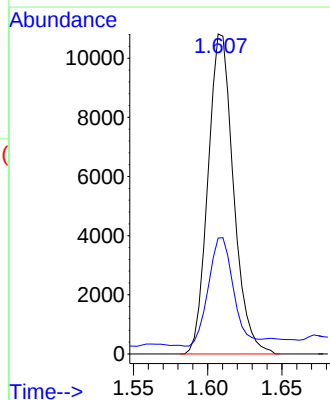
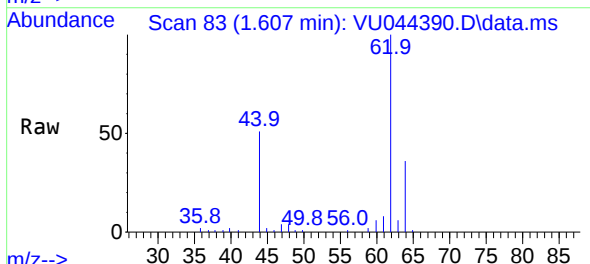
Manual Integrations
APPROVED

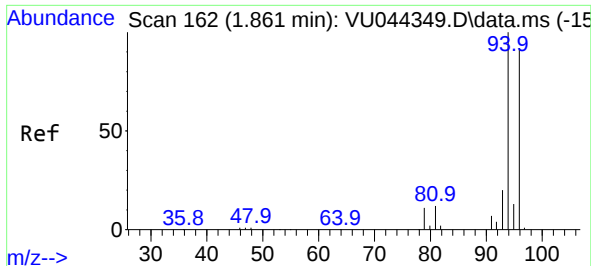
MMDadoda
7/28/2021 11:09:15 AM



#4
Vinyl Chloride
Concen: 0.734 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 62 Resp: 12936
Ion Ratio Lower Upper
62 100
64 33.5 25.1 37.7





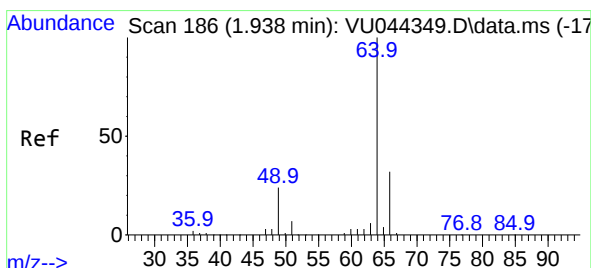
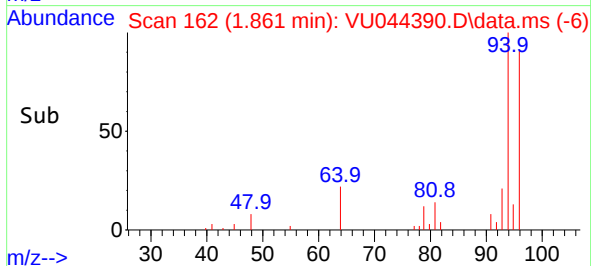
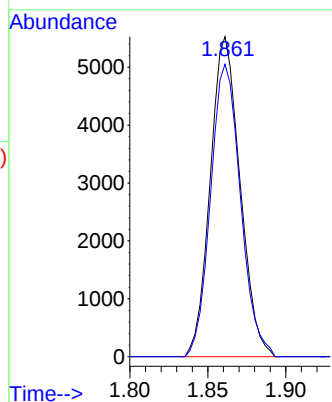
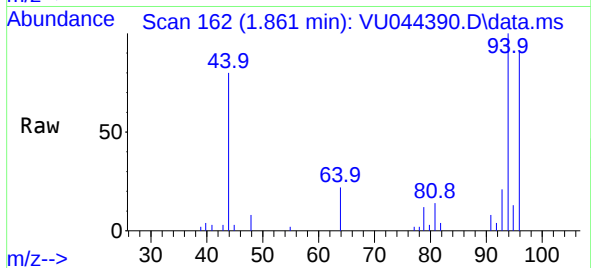
#5
Bromomethane
Concen: 0.781 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 94 Resp: 7343
Ion Ratio Lower Upper
94 100
96 91.4 74.7 112.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

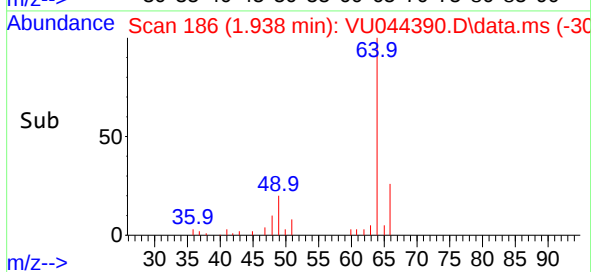
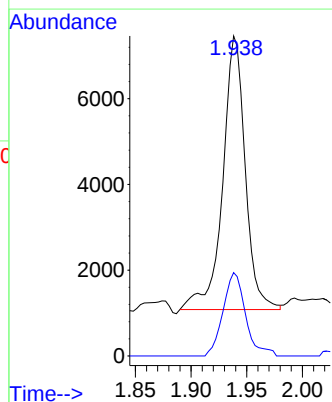
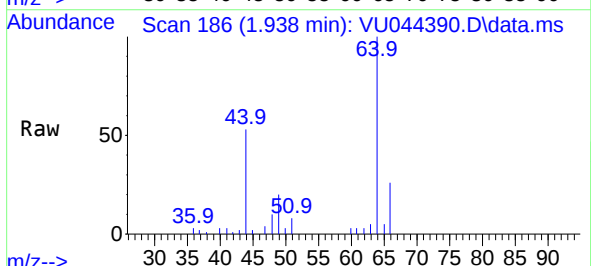
Manual Integrations
APPROVED

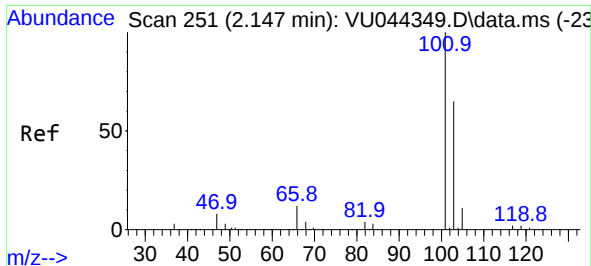
MMDadoda
7/28/2021 11:09:15 AM



#6
Chloroethane
Concen: 0.837 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

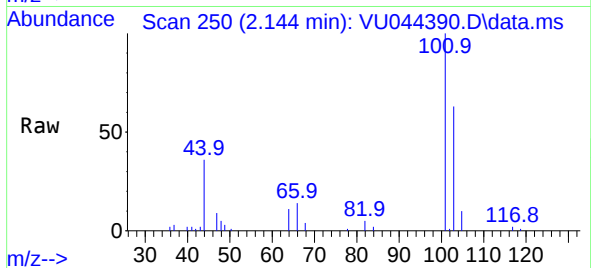
Tgt Ion: 64 Resp: 8982
Ion Ratio Lower Upper
64 100
66 30.5 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 0.807 ug/l
 RT: 2.144 min Scan# 250
 Delta R.T. -0.003 min
 Lab File: VU044390.D
 Acq: 22 Jul 2021 14:43

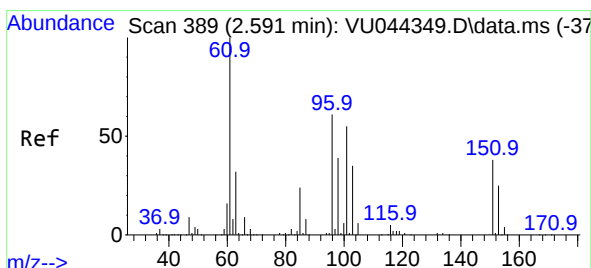
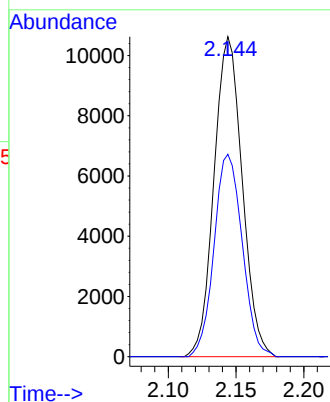
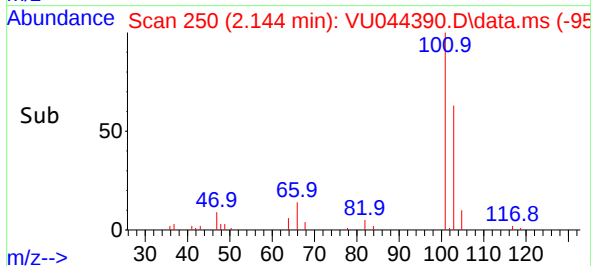
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2021



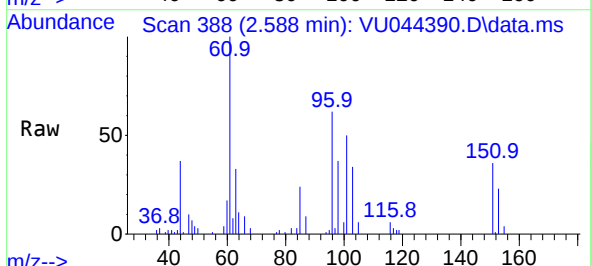
Tgt Ion:101 Resp: 15375
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.9 77.9

Manual Integrations
 APPROVED

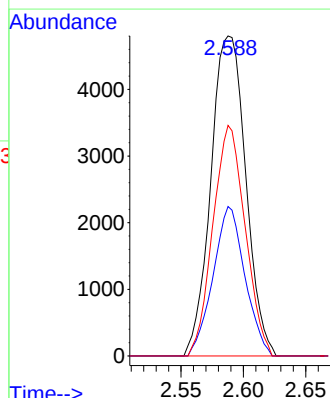
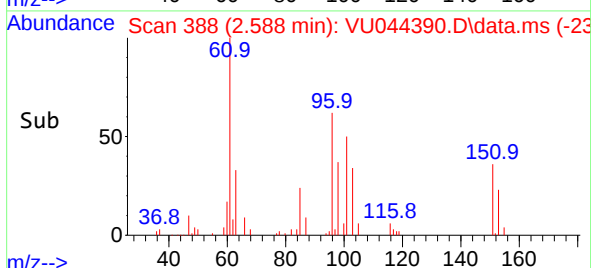
MMDadoda
 7/28/2021 11:09:15 AM

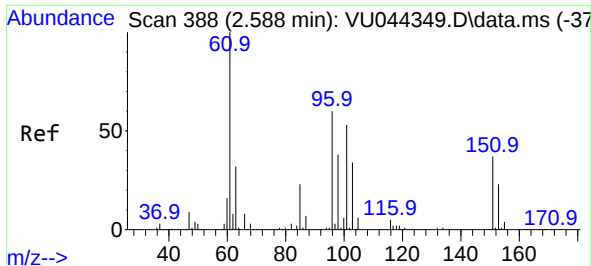


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.779 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU044390.D
 Acq: 22 Jul 2021 14:43



Tgt Ion:101 Resp: 9384
 Ion Ratio Lower Upper
 101 100
 85 42.5 35.8 53.8
 151 66.4 57.0 85.4





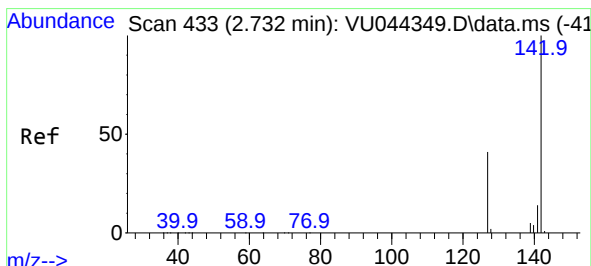
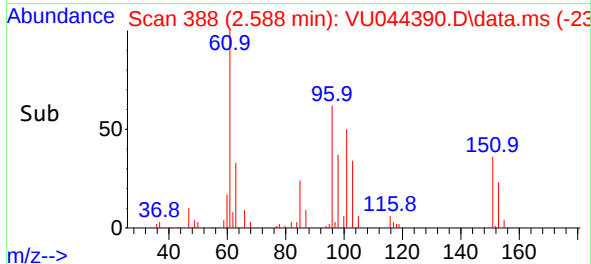
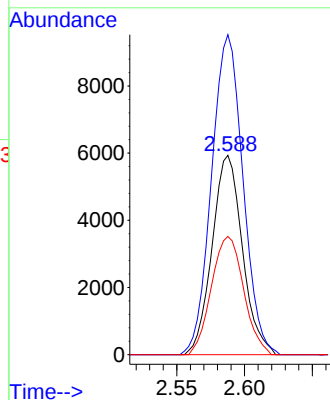
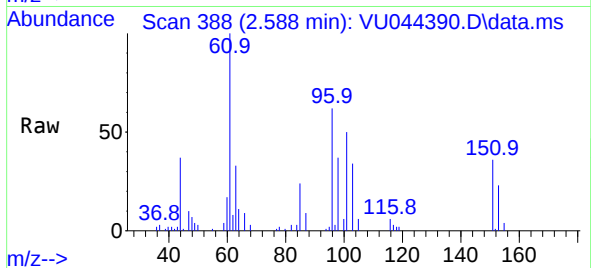
#9
1,1-Dichloroethene
Concen: 0.787 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 96 Resp: 9247
Ion Ratio Lower Upper
96 100
61 160.5 0.0 528.0
98 59.3 0.0 127.4

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

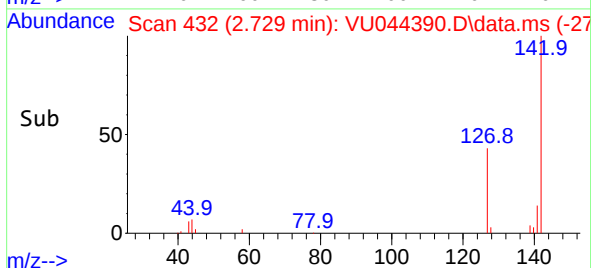
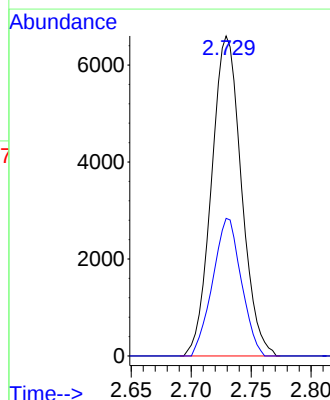
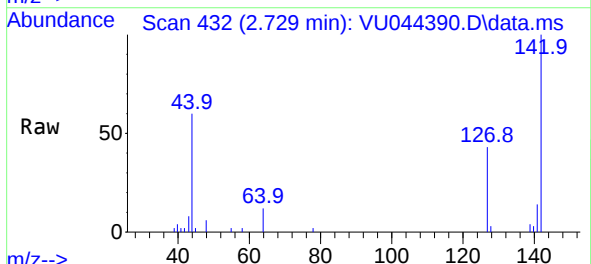
Manual Integrations
APPROVED

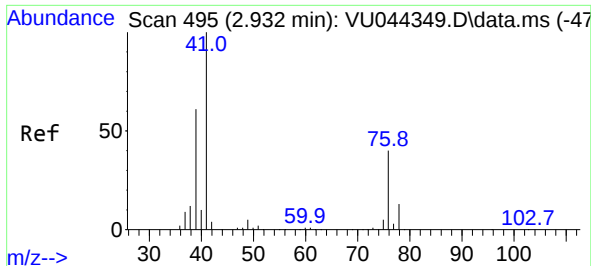
MMDadoda
7/28/2021 11:09:15 AM



#10
Iodomethane
Concen: 0.743 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

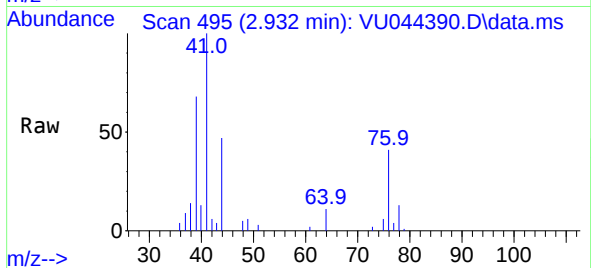
Tgt Ion: 142 Resp: 11425
Ion Ratio Lower Upper
142 100
127 41.1 39.1 58.7



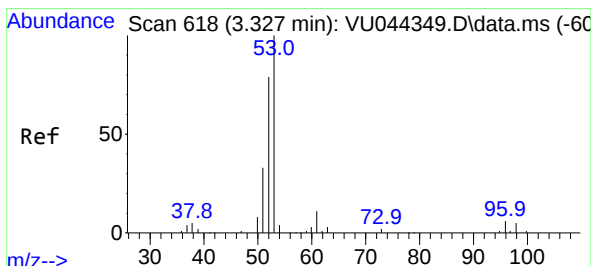
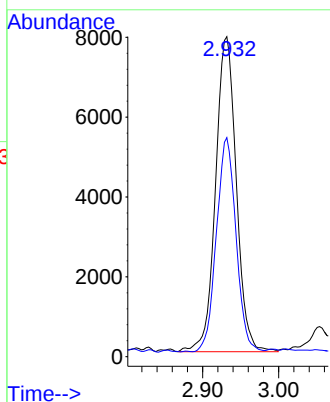
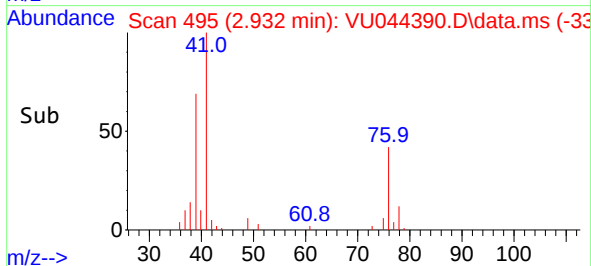


#11
Allyl Chloride
Concen: 0.773 ug/l
RT: 2.932 min Scan# 495
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

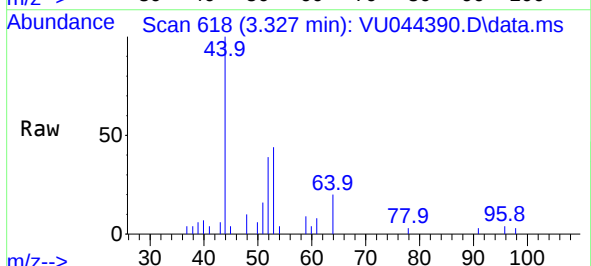
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021



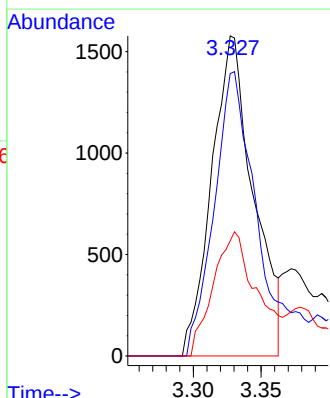
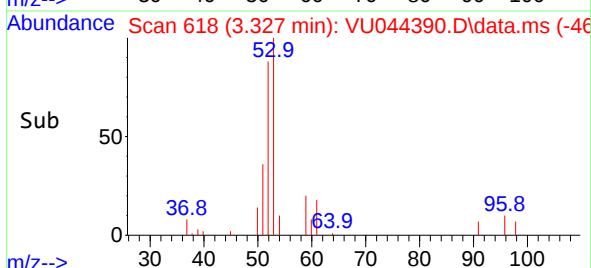
Tgt Ion: 41 Resp: 14960
Ion Ratio Lower Upper
41 100
39 64.1 62.5 93.7

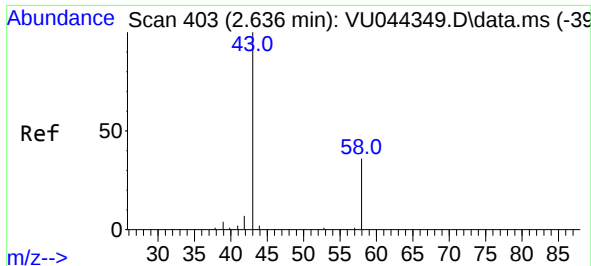


#12
Acrylonitrile
Concen: 1.255 ug/l
RT: 3.327 min Scan# 618
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

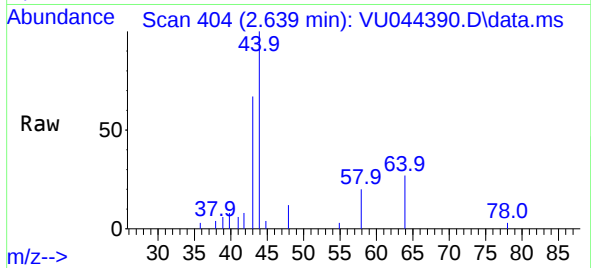


Tgt Ion: 53 Resp: 3379
Ion Ratio Lower Upper
53 100
52 93.3 67.0 100.4
51 41.1 29.8 44.6

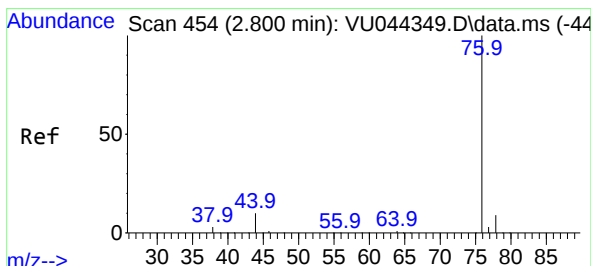
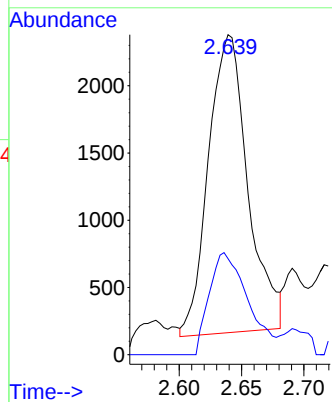
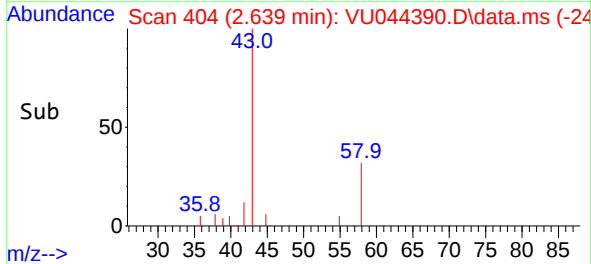




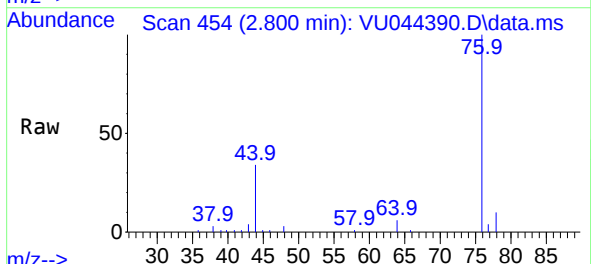
#13
Acetone
Concen: 3.640 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



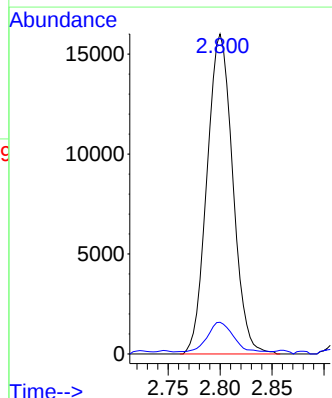
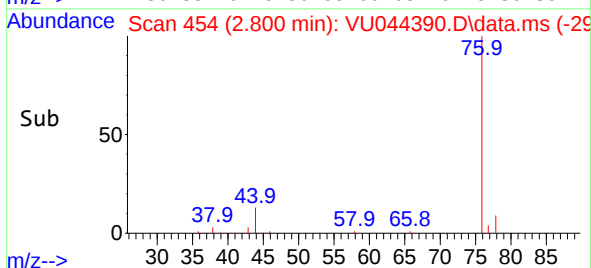
Tgt Ion: 43 Resp: 4889
Ion Ratio Lower Upper
43 100
58 32.7 24.3 36.5



#14
Carbon Disulfide
Concen: 0.709 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



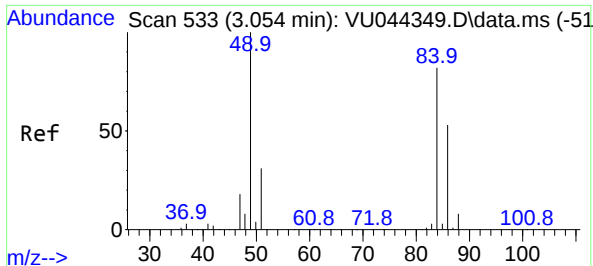
Tgt Ion: 76 Resp: 27589
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM



#15
Methylene Chloride
Concen: 1.486 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

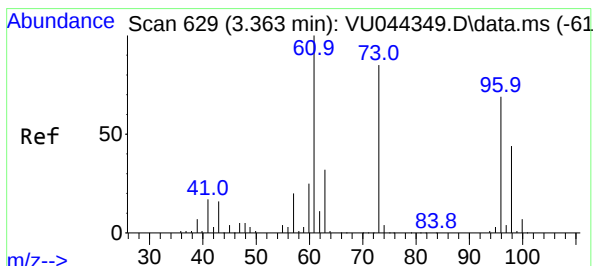
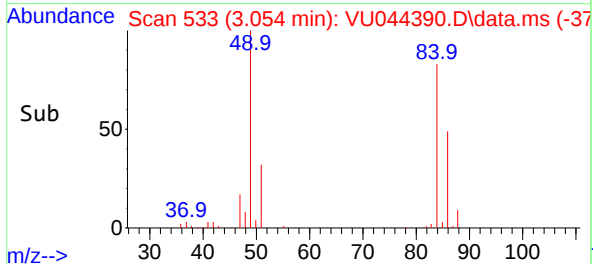
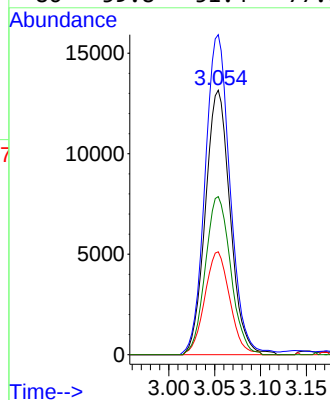
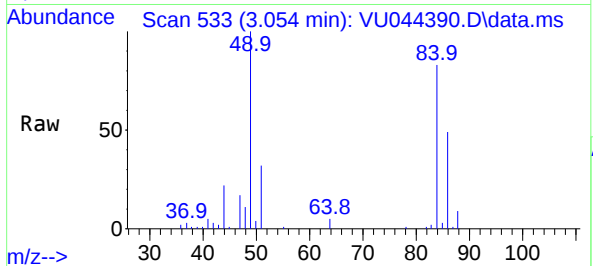
Tgt Ion: 84 Resp: 24789

Ion	Ratio	Lower	Upper
84	100		
49	121.0	106.3	159.5
51	38.9	0.0	81.8
86	59.8	51.4	77.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

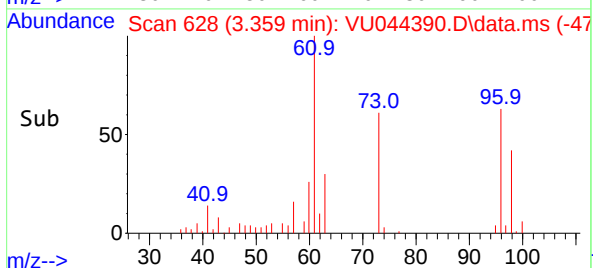
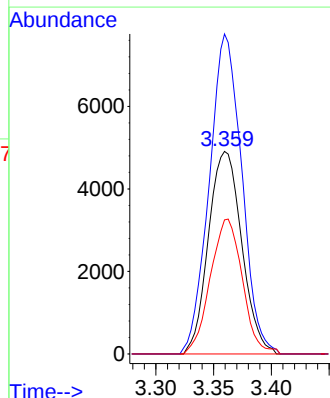
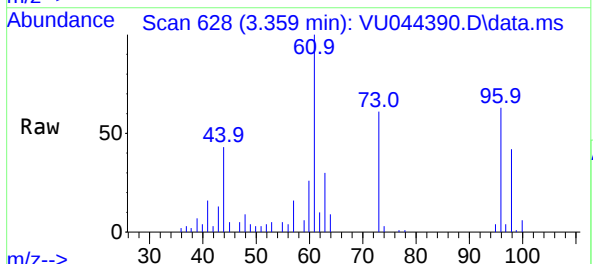
MMDadoda
7/28/2021 11:09:15 AM

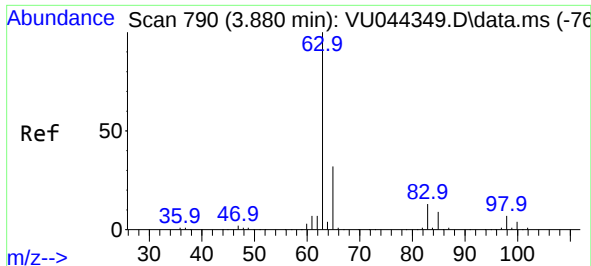


#16
trans-1,2-Dichloroethene
Concen: 0.752 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 96 Resp: 9852

Ion	Ratio	Lower	Upper
96	100		
61	157.9	119.3	178.9
98	66.2	50.8	76.2





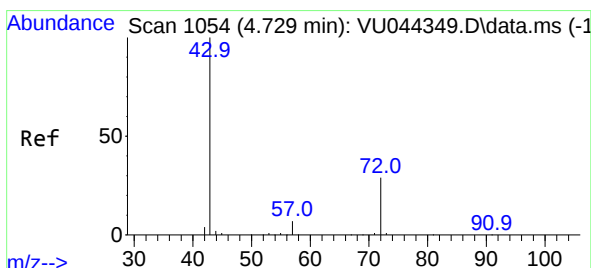
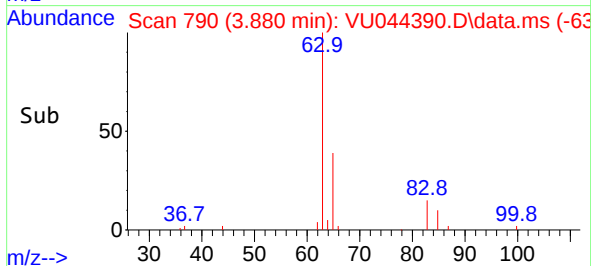
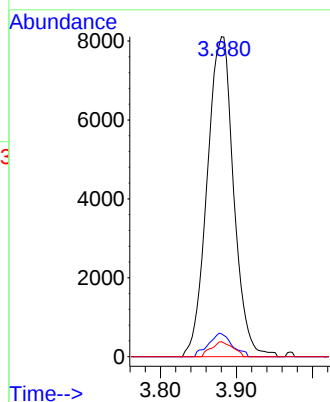
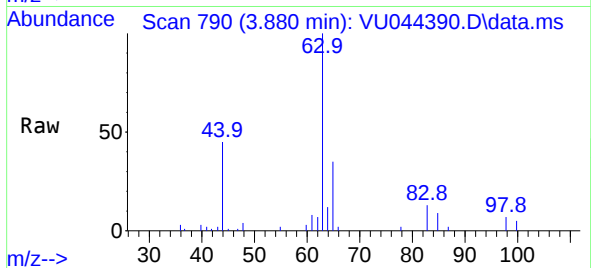
#17
1,1-Dichloroethane
Concen: 0.804 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 63 Resp: 19626
Ion Ratio Lower Upper
63 100
98 7.2 3.5 10.5
100 4.7 2.0 5.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

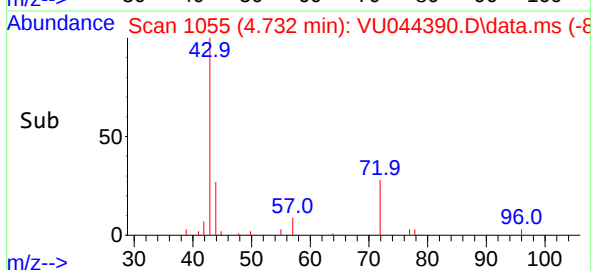
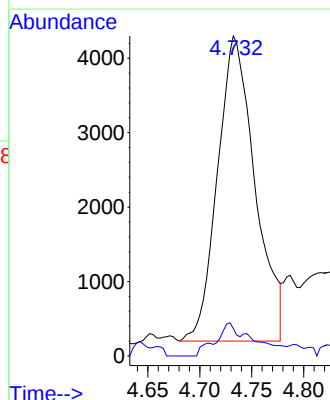
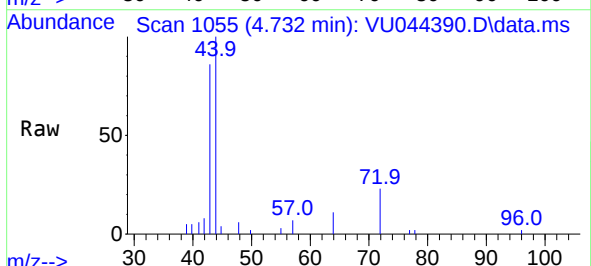
Manual Integrations
APPROVED

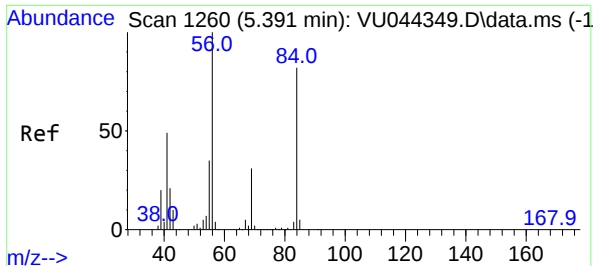
MMDadoda
7/28/2021 11:09:15 AM



#18
2-Butanone
Concen: 3.578 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

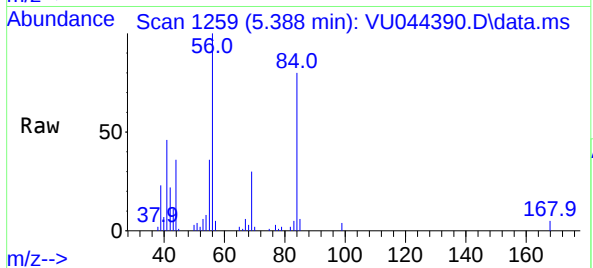
Tgt Ion: 43 Resp: 10307
Ion Ratio Lower Upper
43 100
57 9.0 0.0 17.6





#19
Cyclohexane
Concen: 0.791 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

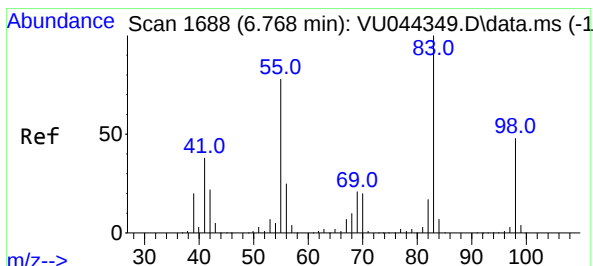
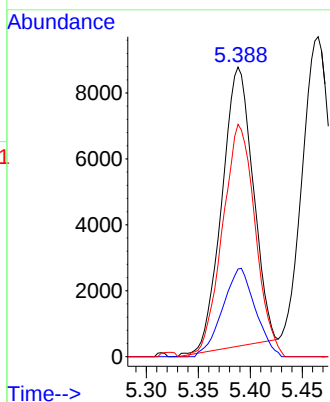
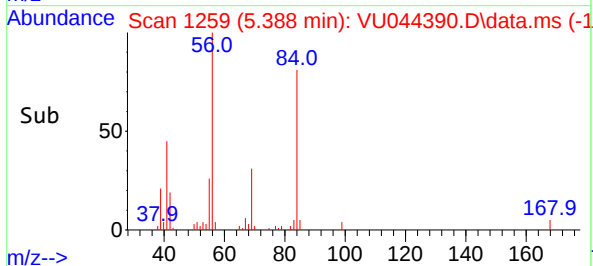
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021



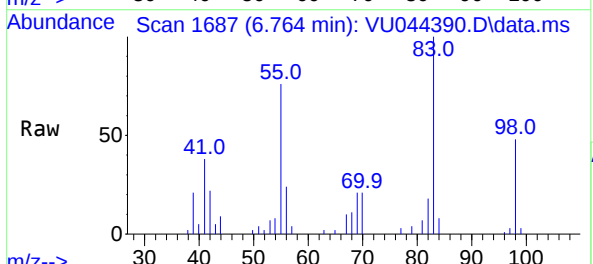
Tgt Ion: 56 Resp: 17655
Ion Ratio Lower Upper
56 100
69 33.2 26.6 40.0
84 87.7 73.0 109.4

Manual Integrations
APPROVED

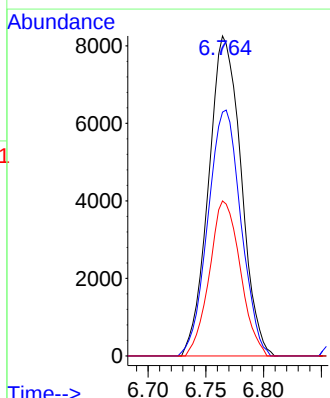
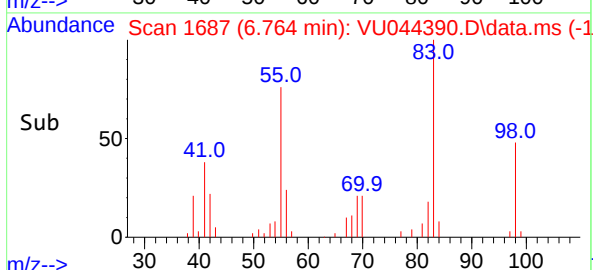
MMDadoda
7/28/2021 11:09:15 AM

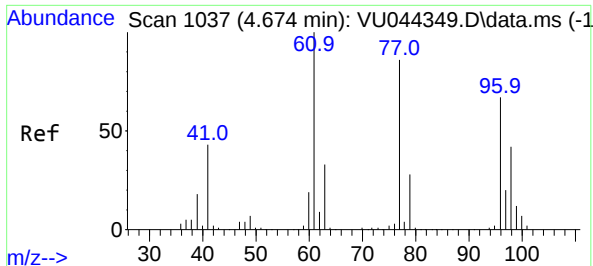


#20
Methylcyclohexane
Concen: 0.693 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



Tgt Ion: 83 Resp: 16141
Ion Ratio Lower Upper
83 100
55 78.2 61.0 91.6
98 46.0 39.3 58.9





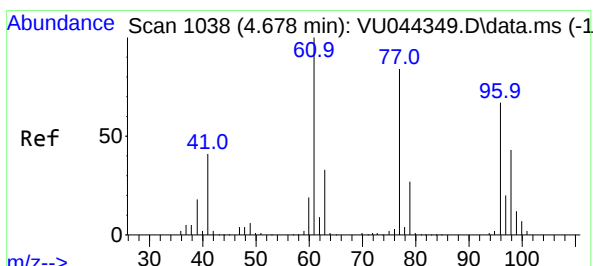
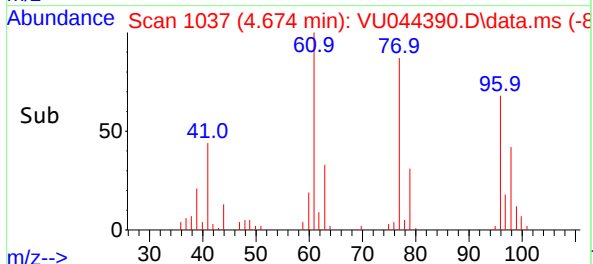
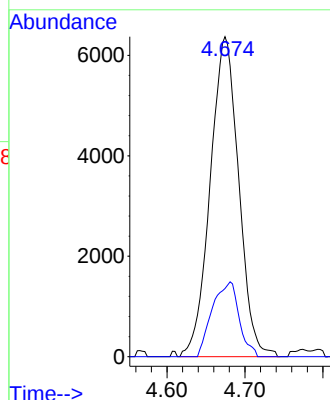
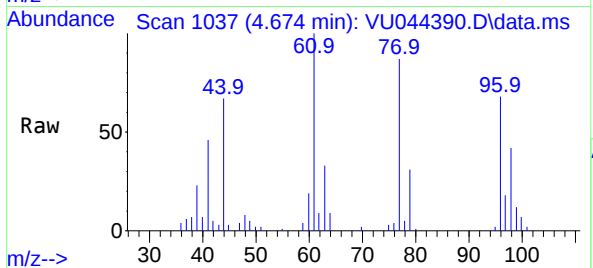
#21
2,2-Dichloropropane
Concen: 0.809 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 77 Resp: 16195
Ion Ratio Lower Upper
77 100
97 21.9 16.8 25.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

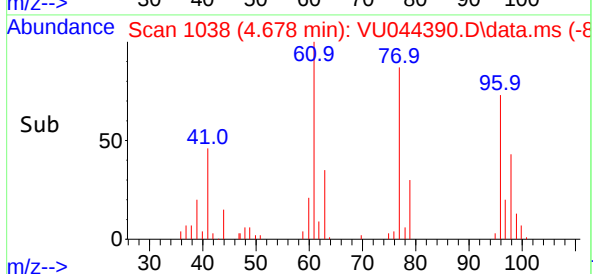
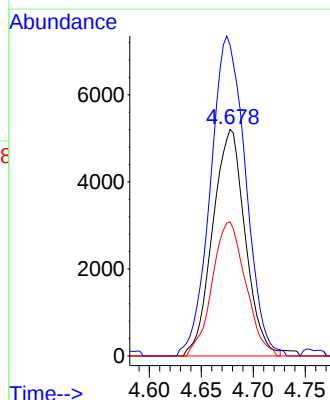
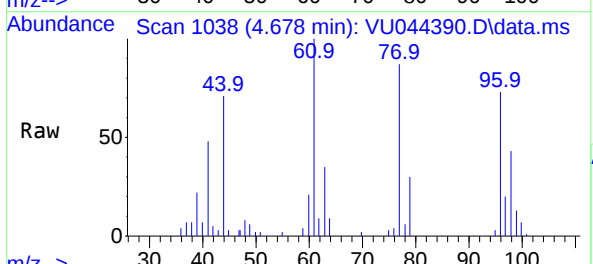
Manual Integrations
APPROVED

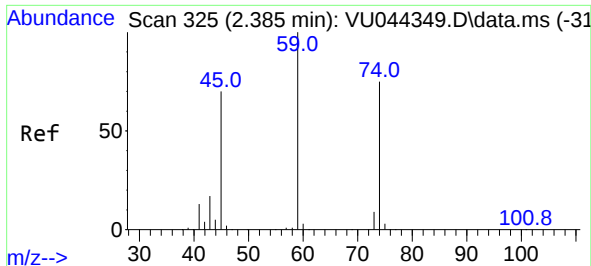
MMDadoda
7/28/2021 11:09:15 AM



#22
cis-1,2-Dichloroethene
Concen: 0.790 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 96 Resp: 11324
Ion Ratio Lower Upper
96 100
61 152.6 0.0 407.7
98 60.8 32.5 97.4





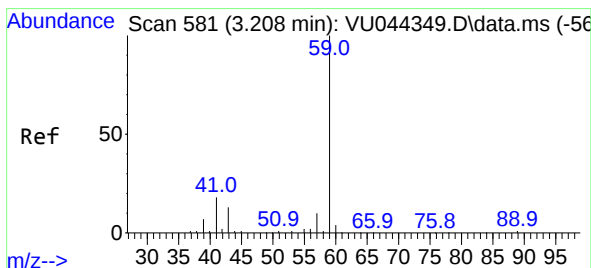
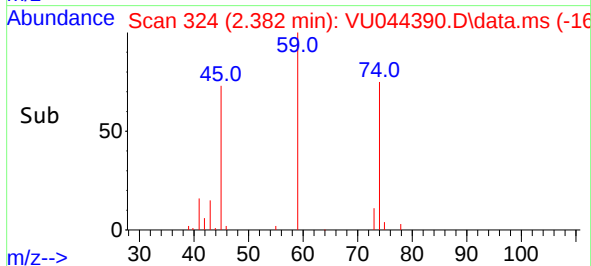
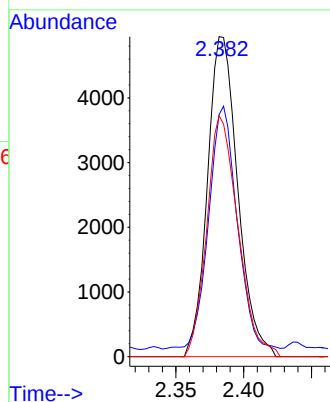
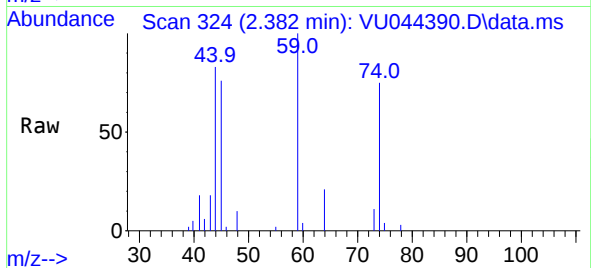
#23
Diethyl Ether
Concen: 0.781 ug/l
RT: 2.382 min Scan# 324
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 59 Resp: 7702
Ion Ratio Lower Upper
59 100
45 70.1 55.7 83.5
74 77.2 59.7 89.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

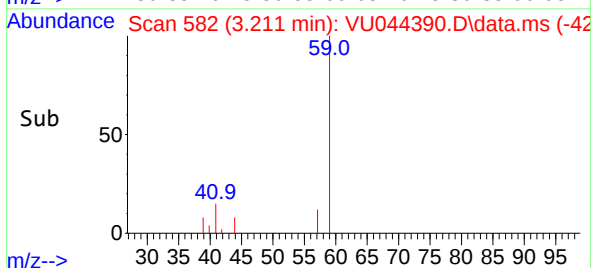
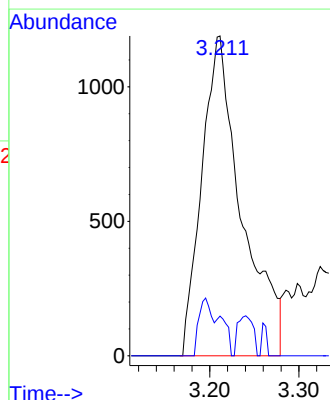
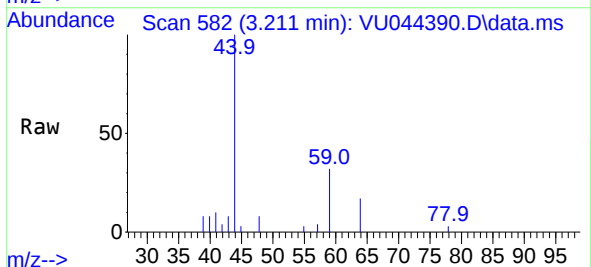
Manual Integrations
APPROVED

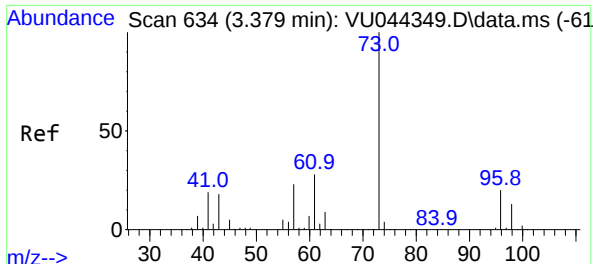
MMDadoda
7/28/2021 11:09:15 AM



#24
tert-Butyl Alcohol
Concen: 6.314 ug/l
RT: 3.211 min Scan# 582
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 59 Resp: 3695
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.4#





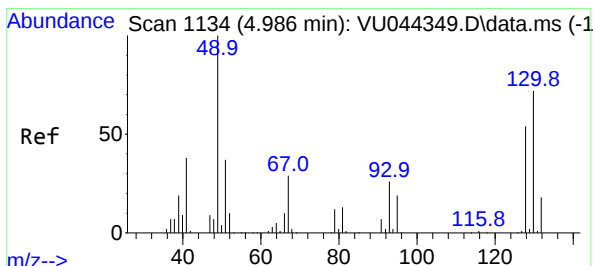
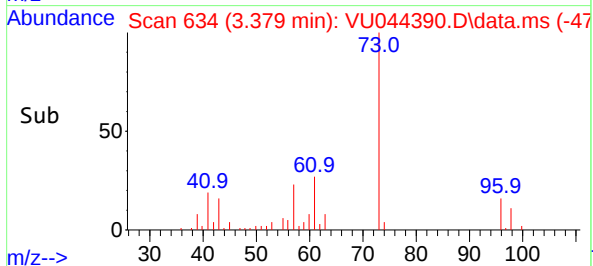
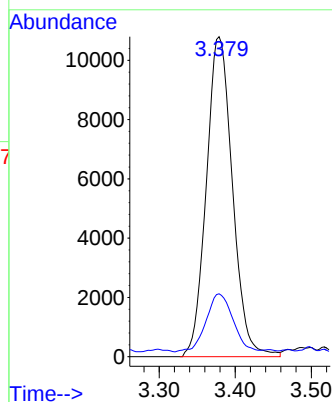
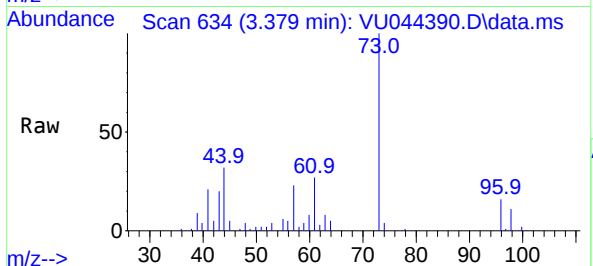
#25
Methyl tert-Butyl Ether
Concen: 0.786 ug/l
RT: 3.379 min Scan# 634
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 73 Resp: 25801
Ion Ratio Lower Upper
73 100
43 18.7 17.3 25.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

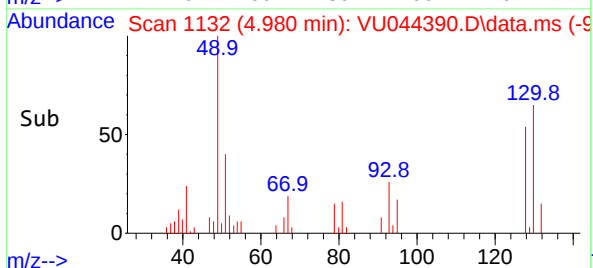
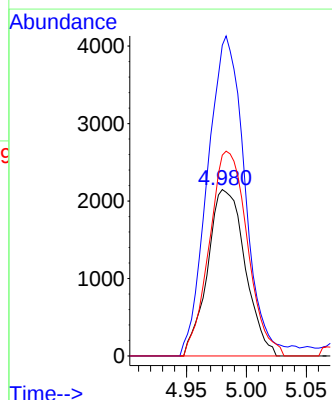
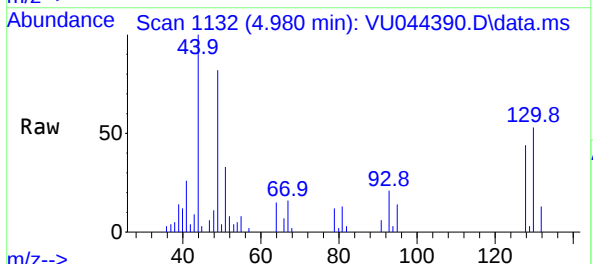
Manual Integrations
APPROVED

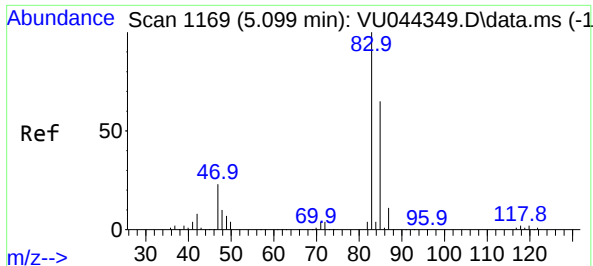
MMDadoda
7/28/2021 11:09:15 AM



#26
Bromochloromethane
Concen: 0.770 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 128 Resp: 4671
Ion Ratio Lower Upper
128 100
49 190.6 0.0 364.2
130 125.1 103.5 155.3





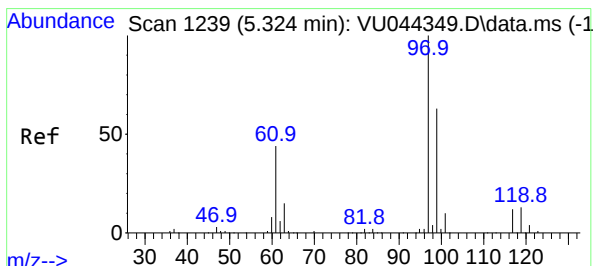
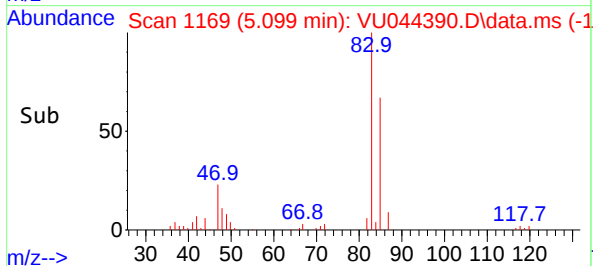
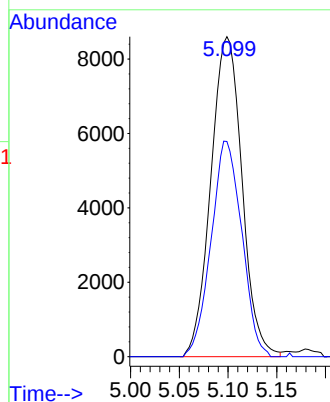
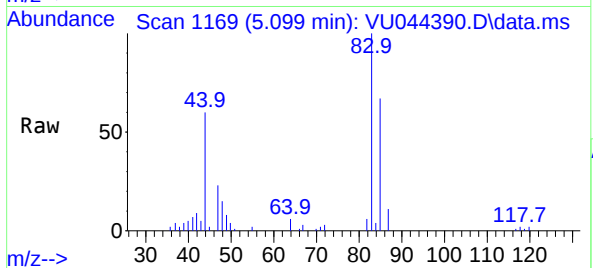
#27
Chloroform
Concen: 0.811 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 83 Resp: 19173
Ion Ratio Lower Upper
83 100
85 67.2 0.0 127.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

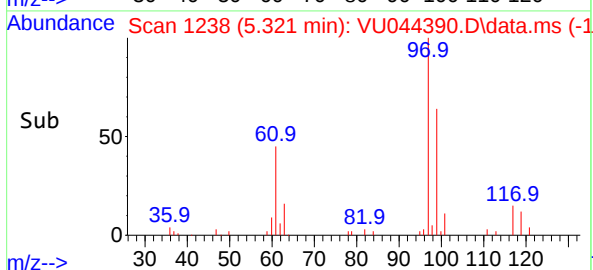
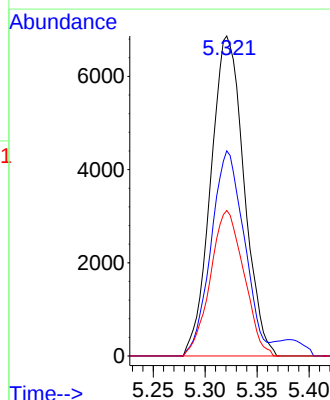
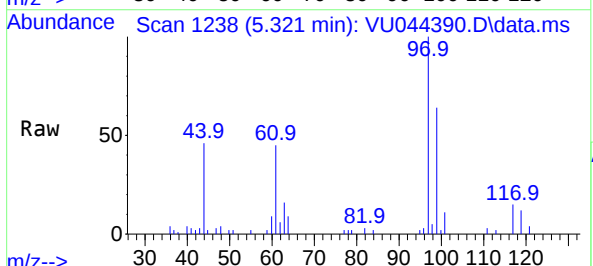
Manual Integrations
APPROVED

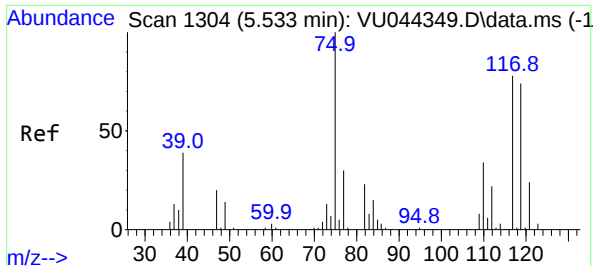
MMDadoda
7/28/2021 11:09:15 AM



#28
1,1,1-Trichloroethane
Concen: 0.775 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 97 Resp: 15275
Ion Ratio Lower Upper
97 100
99 64.3 32.0 96.2
61 45.8 23.8 71.5





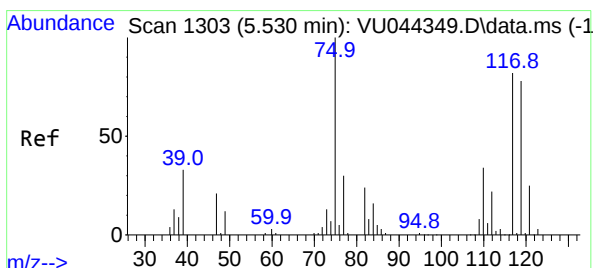
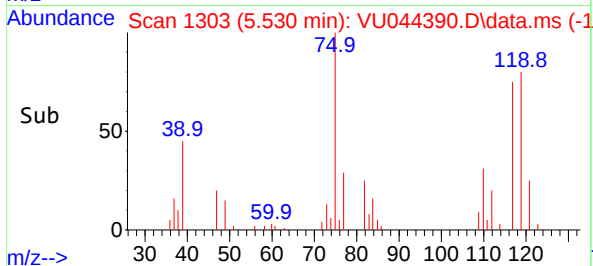
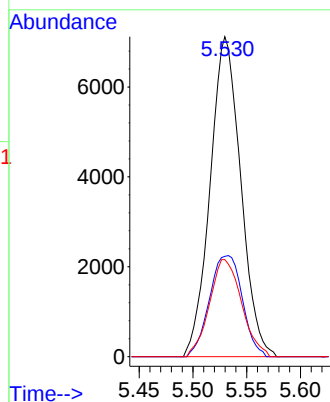
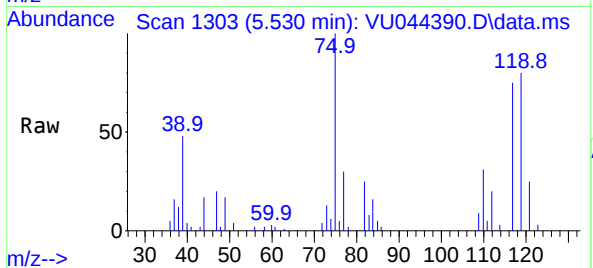
#29
1,1-Dichloropropene
Concen: 0.753 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 75 Resp: 14089
Ion Ratio Lower Upper
75 100
110 33.8 17.3 51.9
77 31.8 24.6 37.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

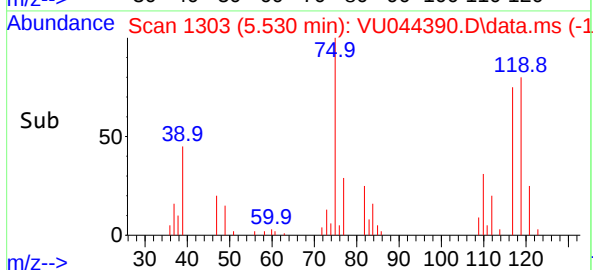
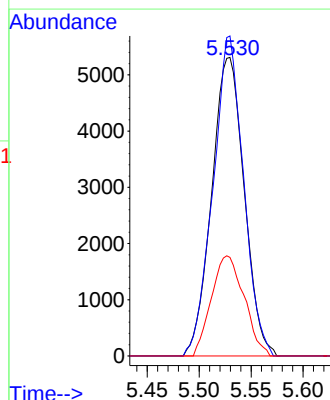
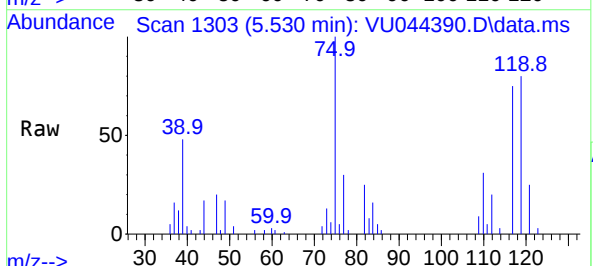
Manual Integrations
APPROVED

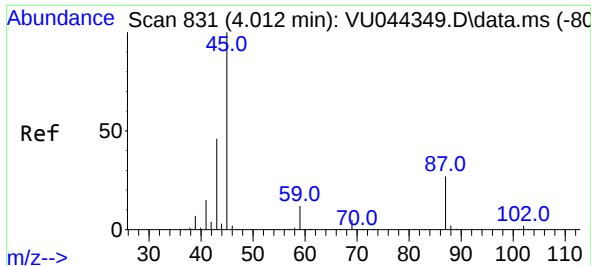
MMDadoda
7/28/2021 11:09:15 AM



#30
Carbon Tetrachloride
Concen: 0.704 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 117 Resp: 11564
Ion Ratio Lower Upper
117 100
119 107.2 77.0 115.6
121 33.0 24.2 36.4





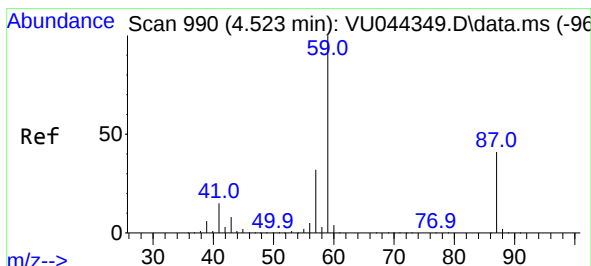
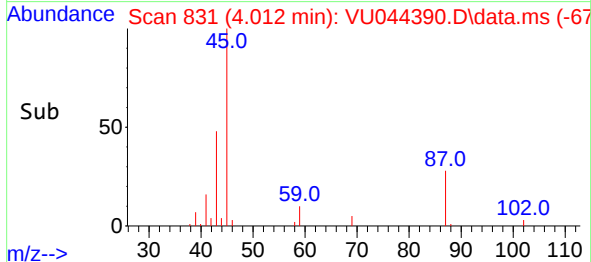
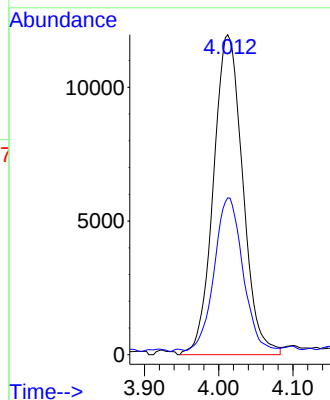
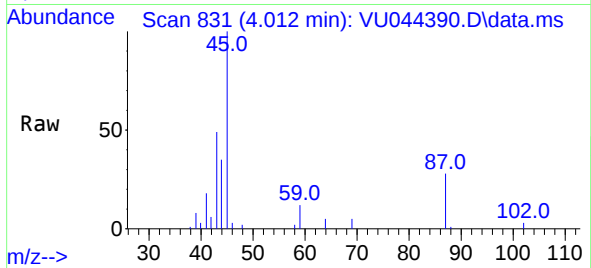
#31
Isopropyl Ether
Concen: 0.809 ug/l
RT: 4.012 min Scan# 831
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 45 Resp: 32854
Ion Ratio Lower Upper
45 100
43 46.1 24.9 74.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

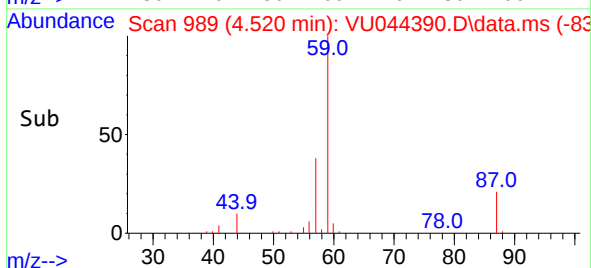
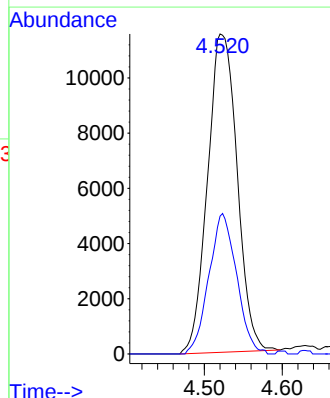
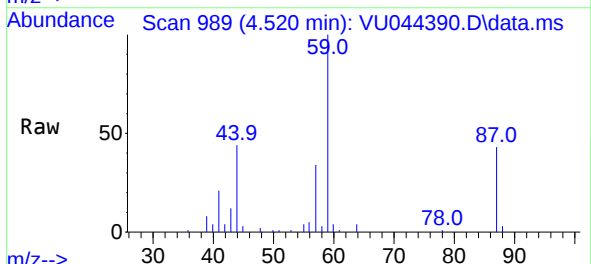
Manual Integrations
APPROVED

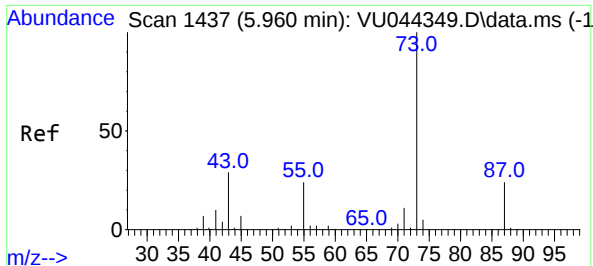
MMDadoda
7/28/2021 11:09:15 AM



#32
Ethyl-t-butyl ether
Concen: 0.760 ug/l
RT: 4.520 min Scan# 989
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

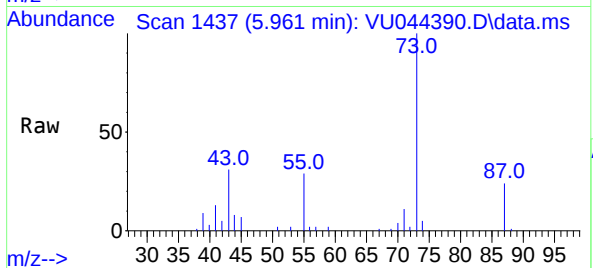
Tgt Ion: 59 Resp: 30454
Ion Ratio Lower Upper
59 100
87 41.3 31.3 46.9





#33
Tert-Amyl methyl ether
Concen: 0.667 ug/l
RT: 5.961 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

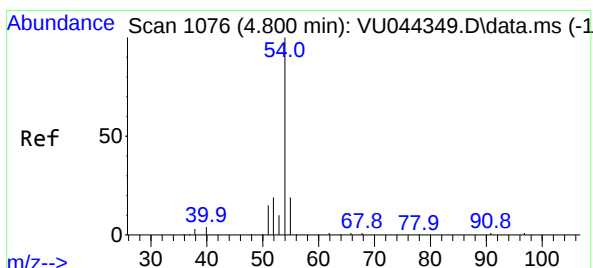
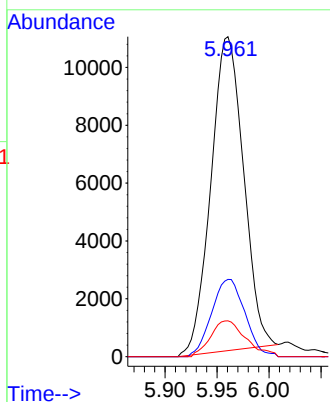
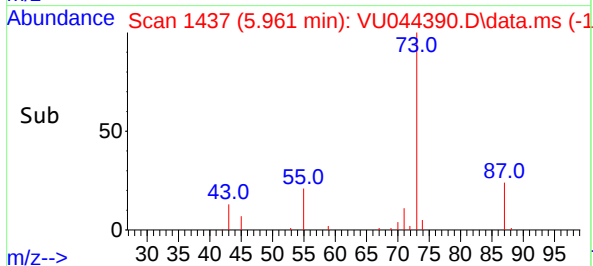
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021



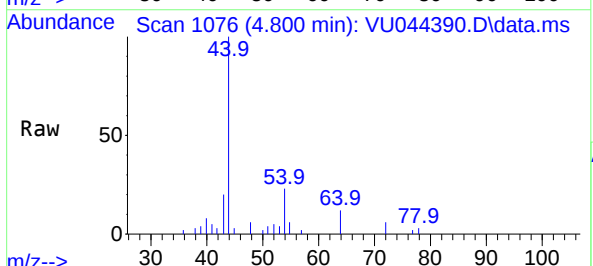
Tgt Ion	Ratio	Lower	Upper
73	100		
87	25.1	19.8	29.6
71	12.3	9.1	13.7

Manual Integrations
APPROVED

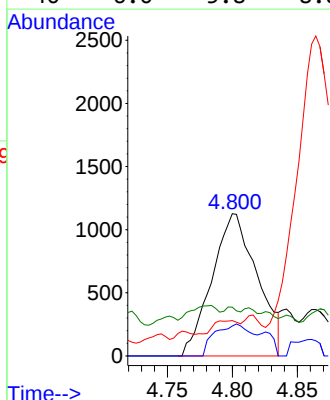
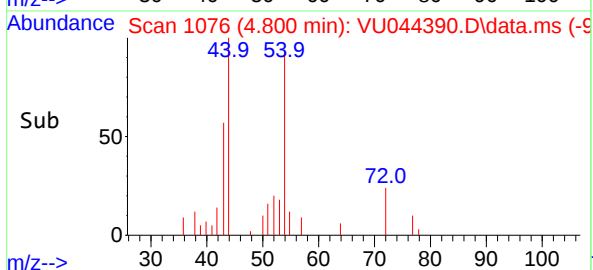
MMDadoda
7/28/2021 11:09:15 AM

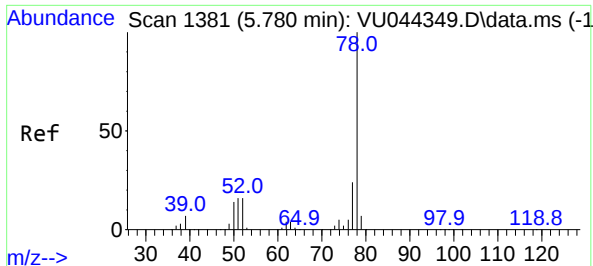


#34
Propionitrile
Concen: 3.358 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.2	16.3	24.5
55	0.0	10.7	16.1#
40	6.0	5.8	8.8





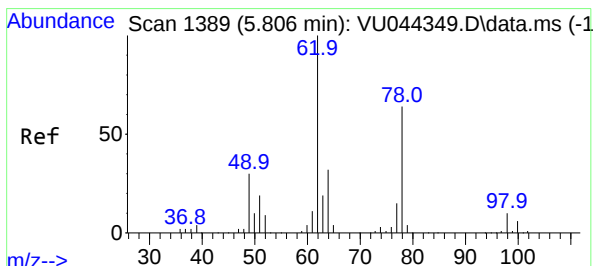
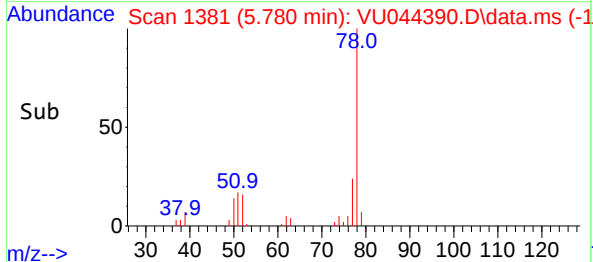
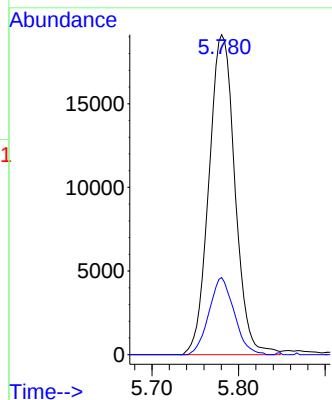
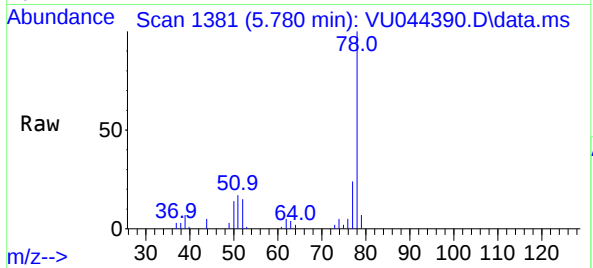
#35
Benzene
Concen: 0.734 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 78 Resp: 39946
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

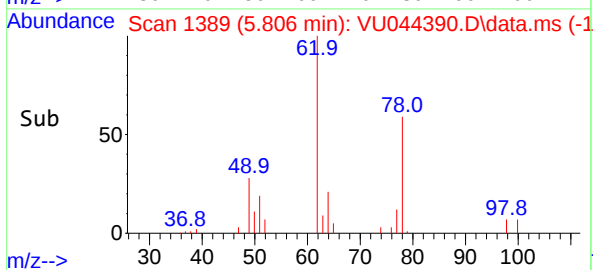
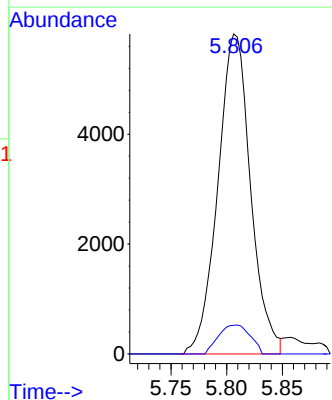
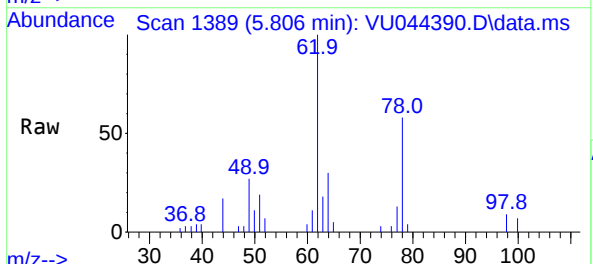
Manual Integrations
APPROVED

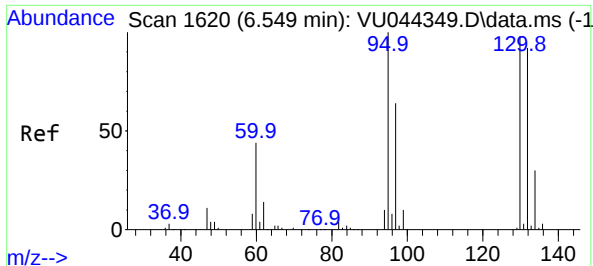
MMDadoda
7/28/2021 11:09:15 AM



#36
1,2-Dichloroethane
Concen: 0.763 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 62 Resp: 11917
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.6





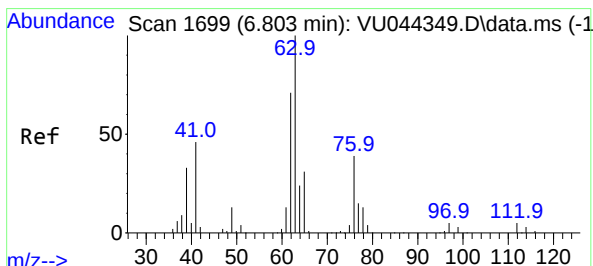
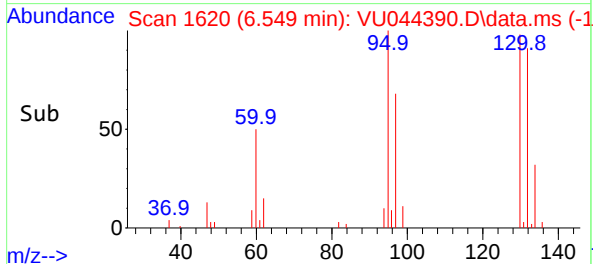
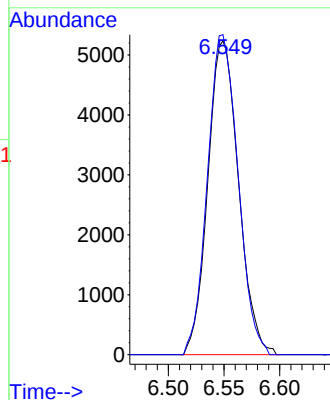
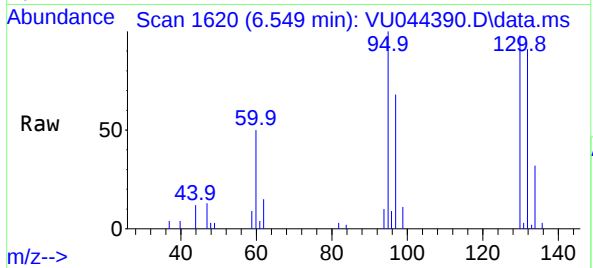
#37
Trichloroethene
Concen: 0.735 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:130 Resp: 10046
Ion Ratio Lower Upper
130 100
95 102.0 77.8 116.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

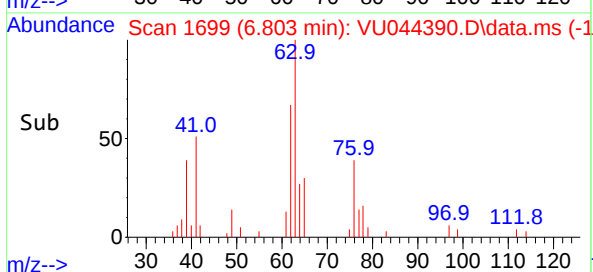
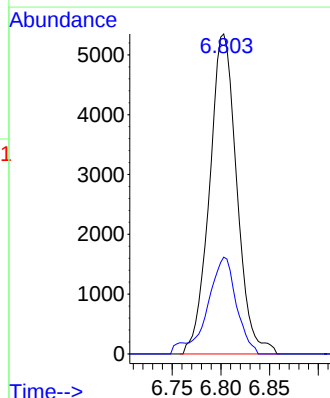
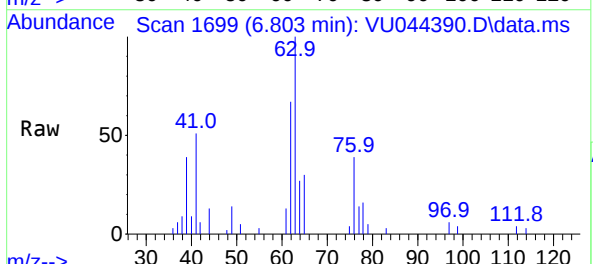
Manual Integrations
APPROVED

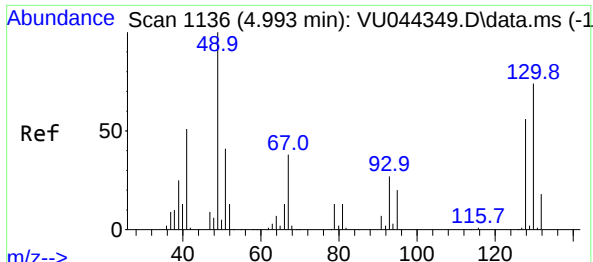
MMDadoda
7/28/2021 11:09:15 AM



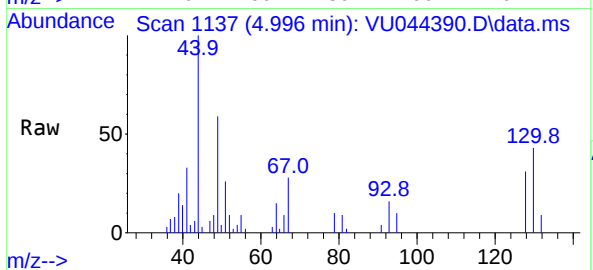
#38
1,2-Dichloropropane
Concen: 0.723 ug/l
RT: 6.803 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 63 Resp: 10413
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1



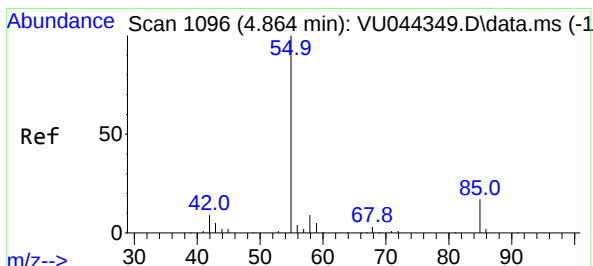
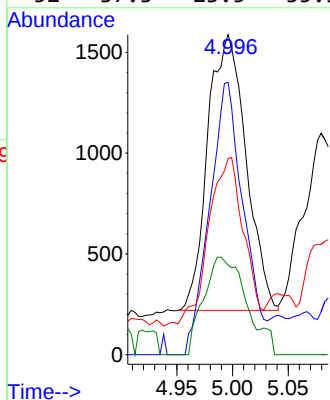
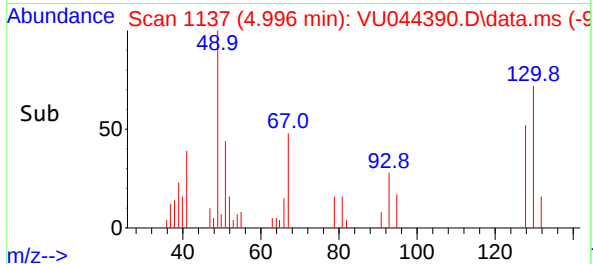


#39
Methacrylonitrile
Concen: 0.704 ug/l
RT: 4.996 min Scan# 1137
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

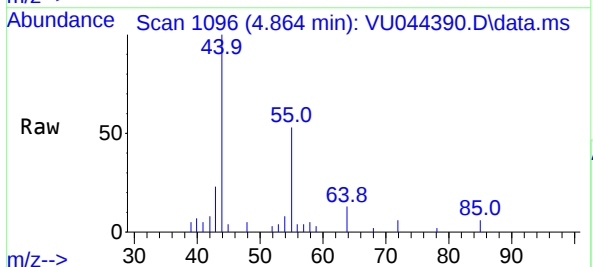


Tgt Ion: 41 Resp: 3272

Ion	Ratio	Lower	Upper
41	100		
67	88.0	60.6	91.0
39	54.8	43.9	65.9
52	37.3	23.5	35.3

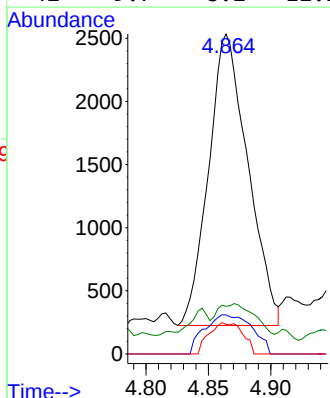
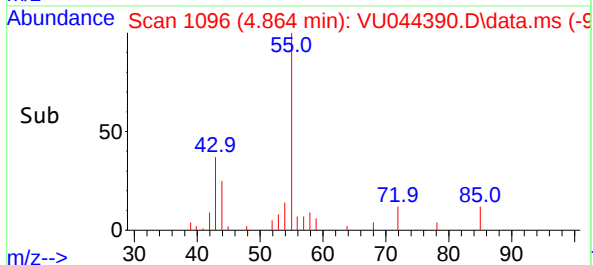


#40
Methyl acrylate
Concen: 0.701 ug/l
RT: 4.864 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



Tgt Ion: 55 Resp: 5068

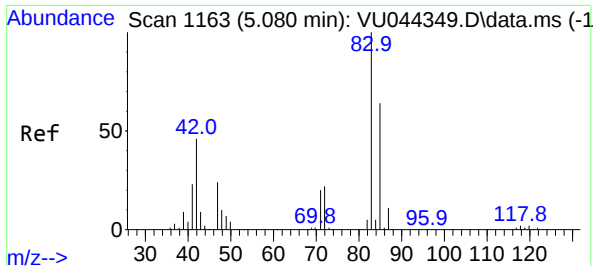
Ion	Ratio	Lower	Upper
55	100		
85	16.3	14.6	21.8
58	9.1	9.0	13.4
42	9.7	8.2	12.2



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM



#41

Tetrahydrofuran

Concen: 1.297 ug/l

RT: 5.076 min Scan# 1162

Delta R.T. -0.003 min

Lab File: VU044390.D

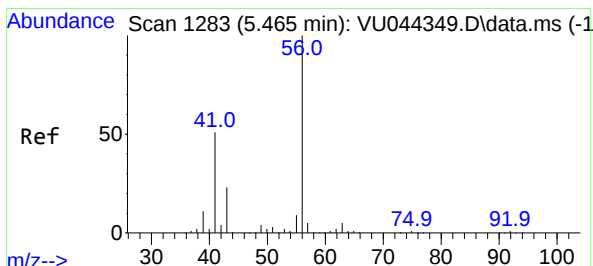
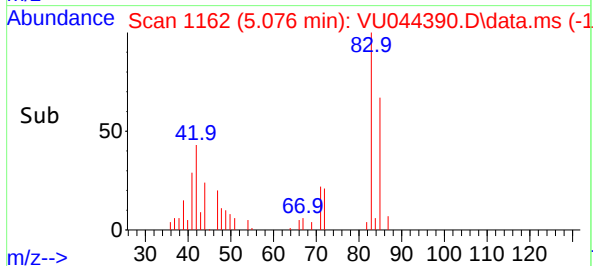
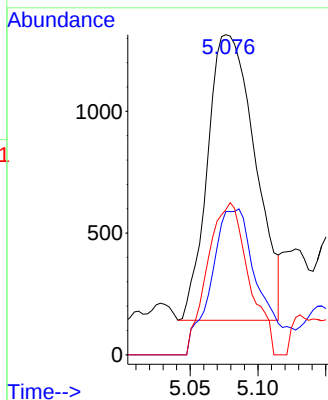
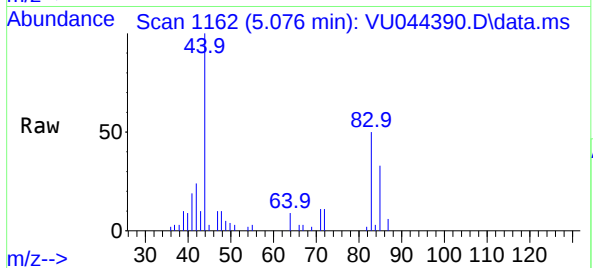
Acq: 22 Jul 2021 14:43

Tgt Ion:	42	Resp:	2860
Ion	Ratio	Lower	Upper
42	100		
72	51.3	39.8	59.6
71	46.1	34.4	51.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM



#42

1-Chlorobutane

Concen: 0.733 ug/l

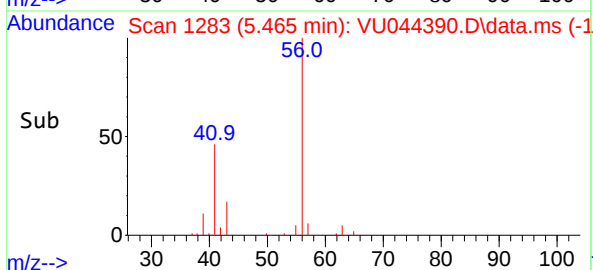
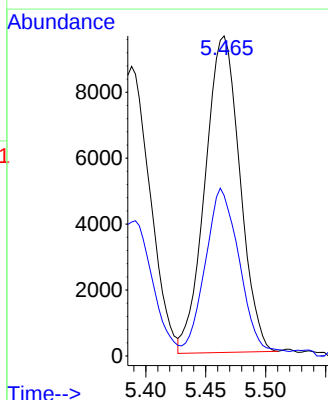
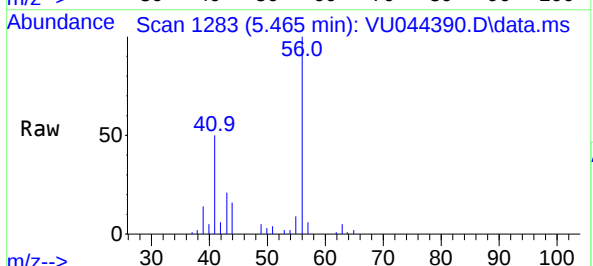
RT: 5.465 min Scan# 1283

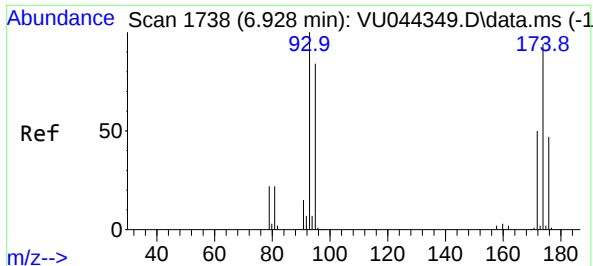
Delta R.T. 0.000 min

Lab File: VU044390.D

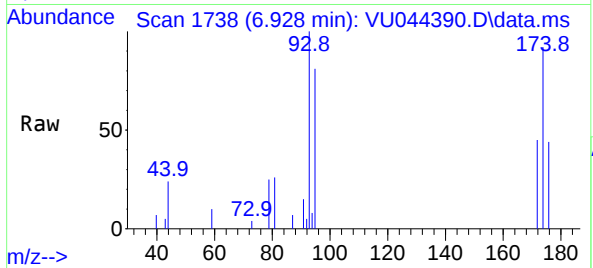
Acq: 22 Jul 2021 14:43

Tgt Ion:	56	Resp:	19407
Ion	Ratio	Lower	Upper
56	100		
41	49.1	27.4	82.0



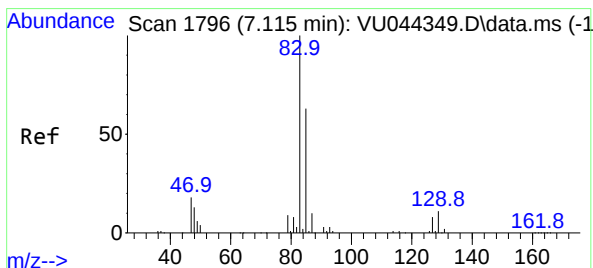
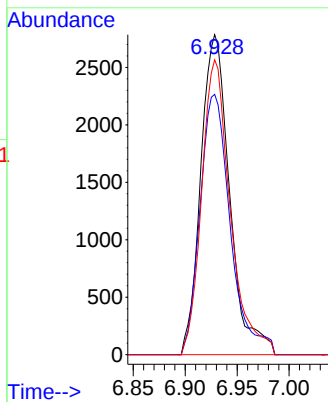
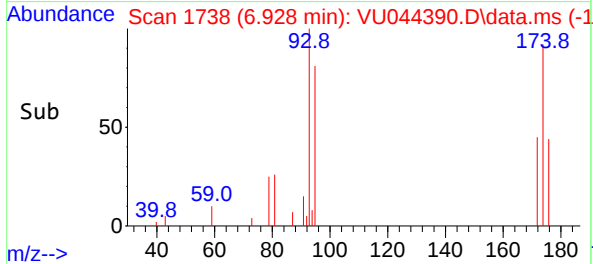


#43
Dibromomethane
Concen: 0.753 ug/l
RT: 6.928 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

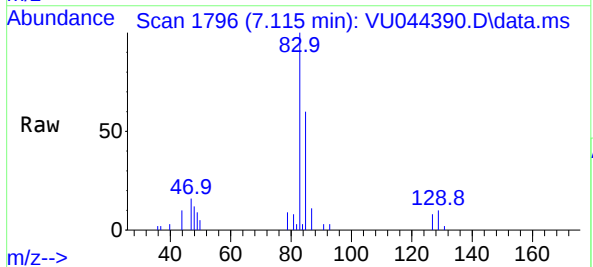


Tgt Ion: 93 Resp: 5382

Ion	Ratio	Lower	Upper
93	100		
95	85.3	65.2	97.8
174	91.3	78.2	117.4

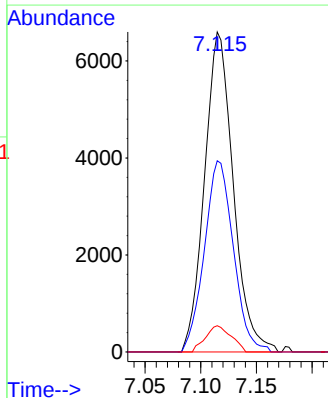
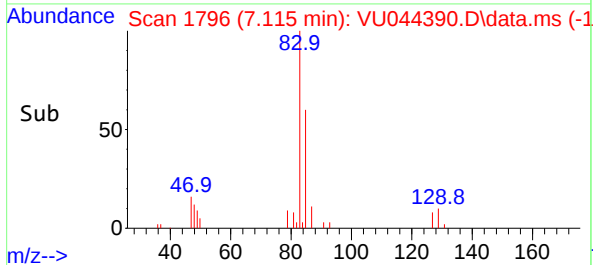


#44
Bromodichloromethane
Concen: 0.699 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



Tgt Ion: 83 Resp: 11837

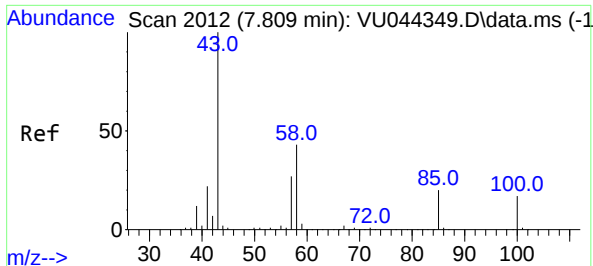
Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.3	76.9
127	8.2	7.3	10.9



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM



#45

4-Methyl-2-Pentanone

Concen: 3.424 ug/l

RT: 7.813 min Scan# 2013

Delta R.T. 0.003 min

Lab File: VU044390.D

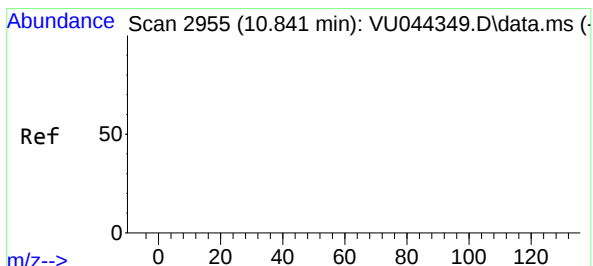
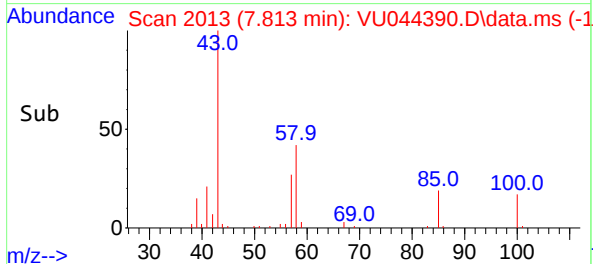
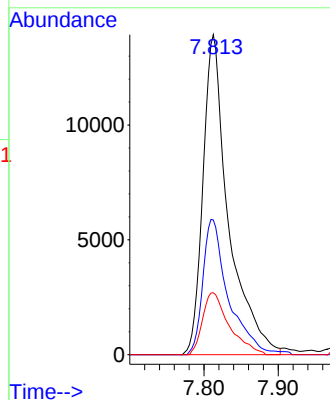
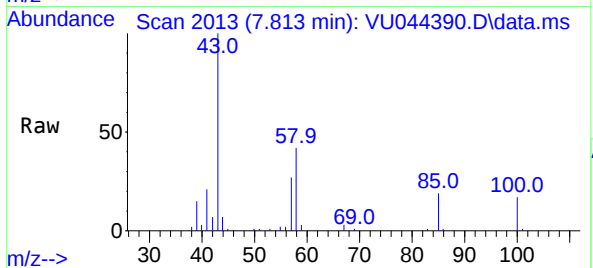
Acq: 22 Jul 2021 14:43

Tgt Ion:	43	Resp:	33226
Ion	Ratio	Lower	Upper
43	100		
58	42.5	19.8	59.3
85	20.3	14.6	21.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM



#46

t-1,4-Dichloro-2-butene

Concen: 0.979 ug/l m

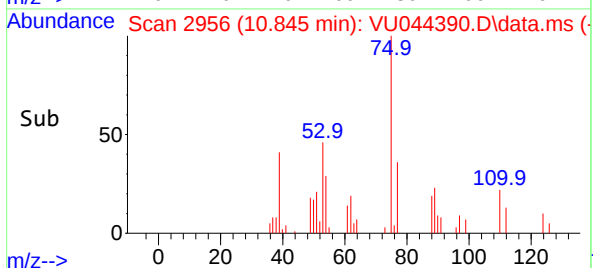
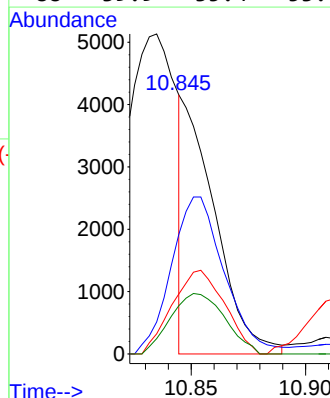
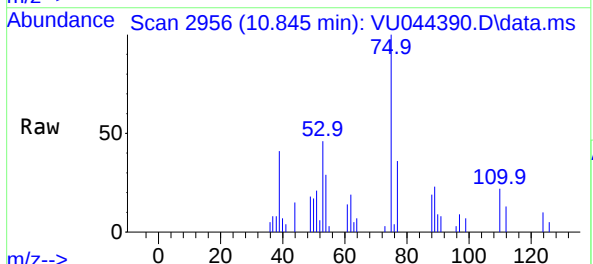
RT: 10.845 min Scan# 2956

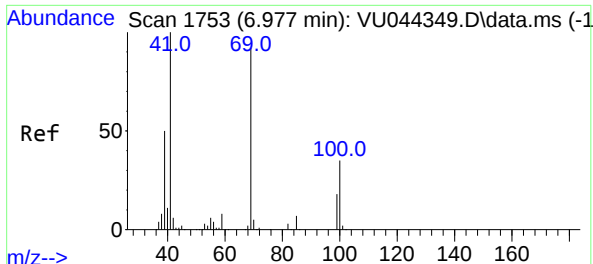
Delta R.T. 0.003 min

Lab File: VU044390.D

Acq: 22 Jul 2021 14:43

Tgt Ion:	75	Resp:	4027
Ion	Ratio	Lower	Upper
75	100		
53	101.1	63.7	95.5#
89	53.0	44.6	67.0
88	39.9	35.4	53.0





#47

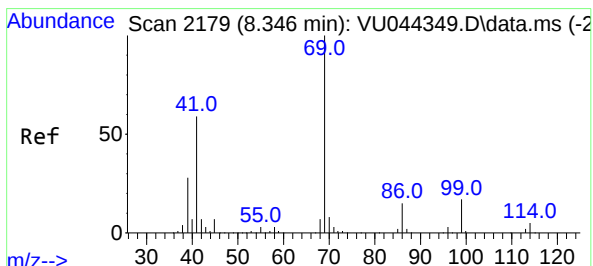
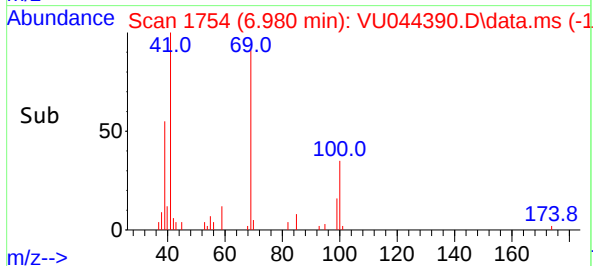
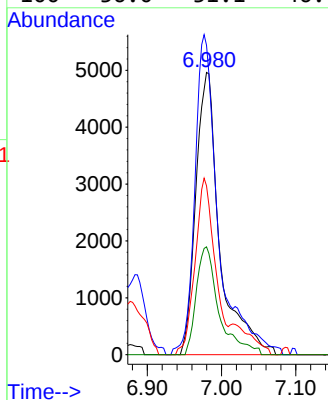
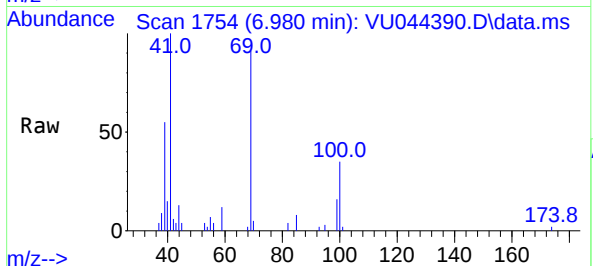
Methyl methacrylate
Concen: 1.417 ug/l
RT: 6.980 min Scan# 1754
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:	69	Resp:	11190
Ion	Ratio	Lower	Upper
69	100		
41	111.5	0.0	232.2
39	51.5	57.5	86.3#
100	36.0	31.1	46.7

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

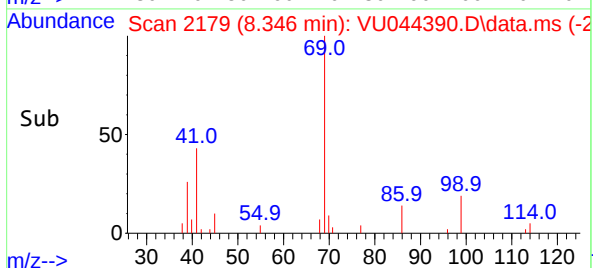
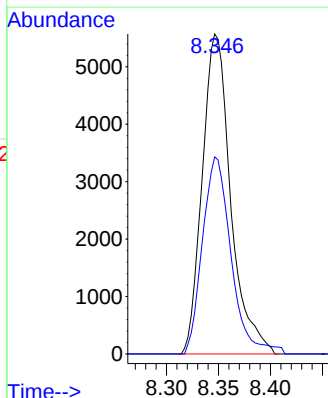
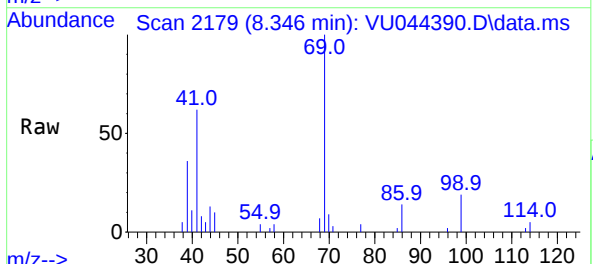
MMDadoda
7/28/2021 11:09:15 AM

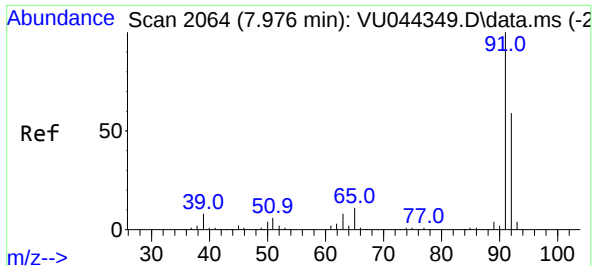


#48

Ethyl methacrylate
Concen: 0.650 ug/l
RT: 8.346 min Scan# 2179
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:	69	Resp:	10593
Ion	Ratio	Lower	Upper
69	100		
41	61.9	33.1	99.5





#49

Toluene

Concen: 0.690 ug/l

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU044390.D

Acq: 22 Jul 2021 14:43

Tgt Ion: 92 Resp: 23600

Ion Ratio Lower Upper

92 100

91 170.1 137.0 205.6

Instrument :

MSVOA_U

ClientSampleId :

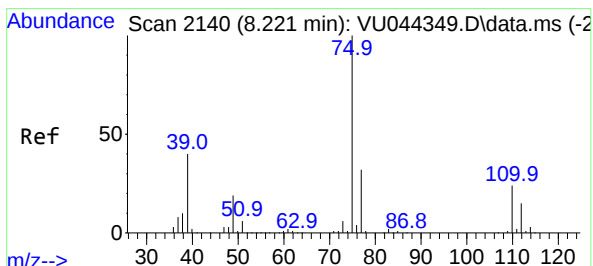
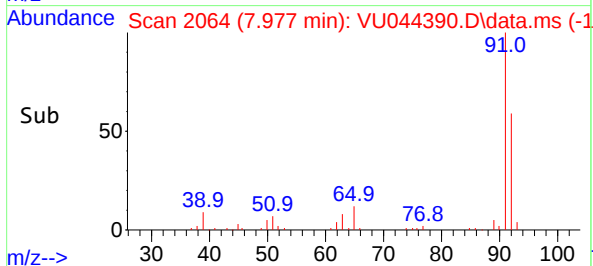
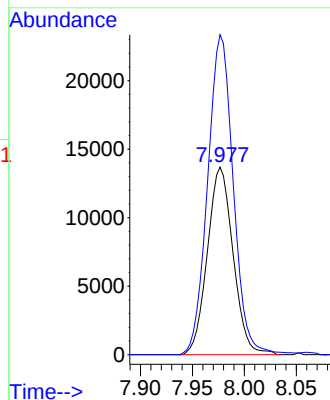
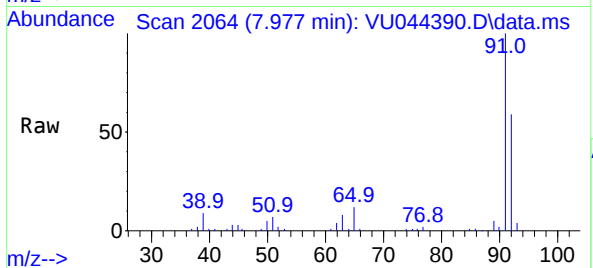
MDL-WATER-03-QT3-2021

Manual Integrations

APPROVED

MMDadoda

7/28/2021 11:09:15 AM



#50

t-1,3-Dichloropropene

Concen: 0.636 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. 0.000 min

Lab File: VU044390.D

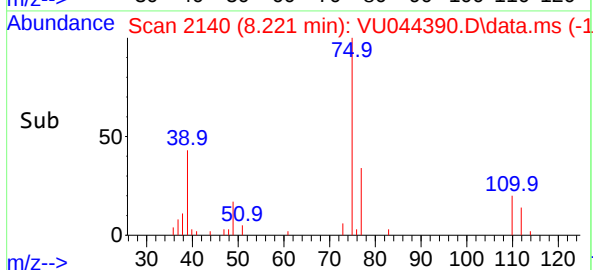
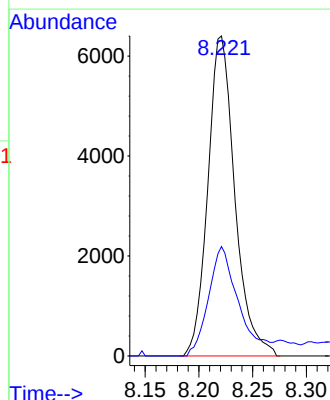
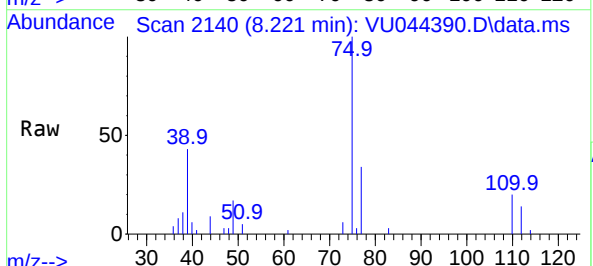
Acq: 22 Jul 2021 14:43

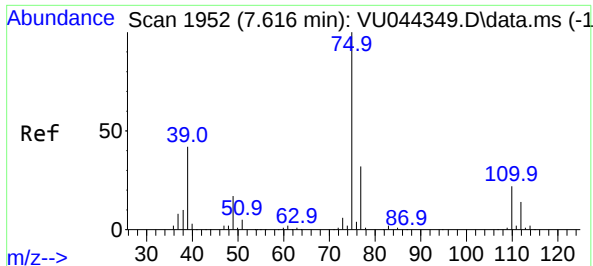
Tgt Ion: 75 Resp: 11193

Ion Ratio Lower Upper

75 100

77 34.2 26.2 39.2





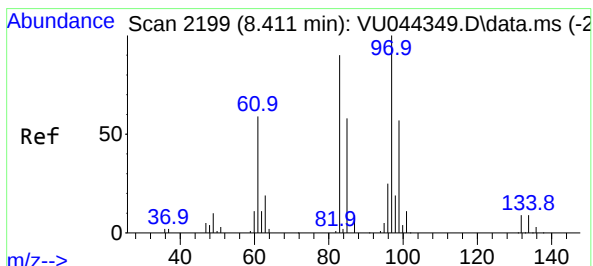
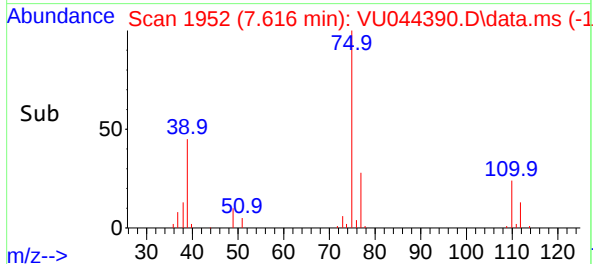
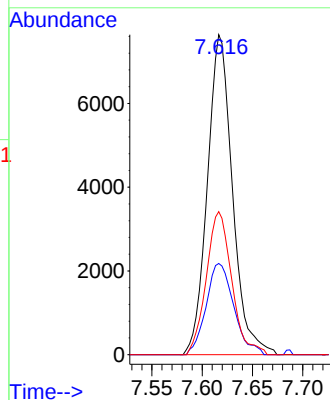
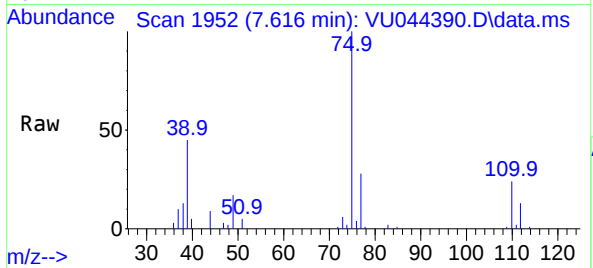
#51
cis-1,3-Dichloropropene
Concen: 0.640 ug/l
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:	75	Resp:	13290
Ion	Ratio	Lower	Upper
75	100		
77	28.5	24.3	36.5
39	44.7	38.5	57.7

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

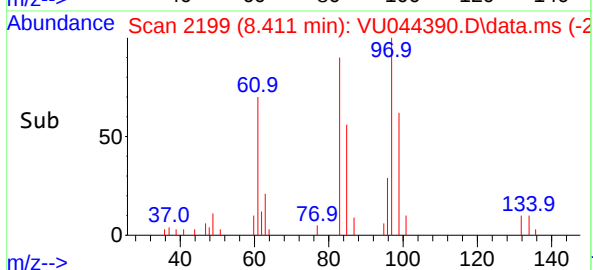
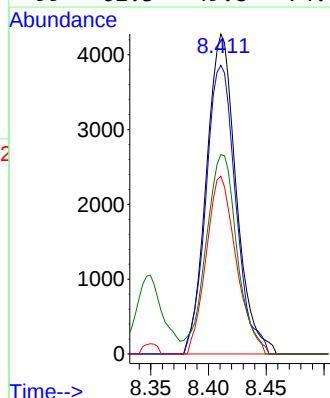
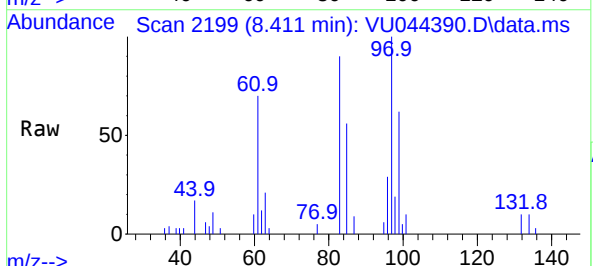
Manual Integrations
APPROVED

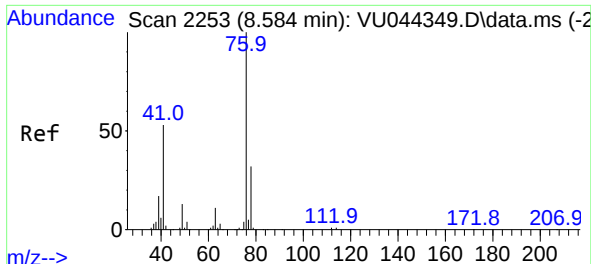
MMDadoda
7/28/2021 11:09:15 AM



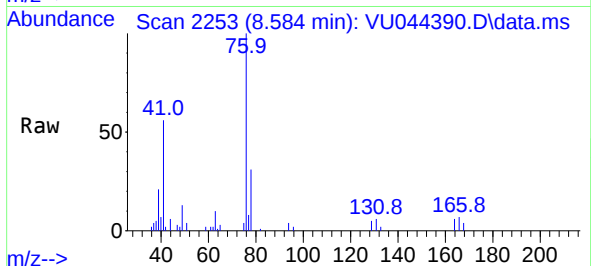
#52
1,1,2-Trichloroethane
Concen: 0.731 ug/l
RT: 8.411 min Scan# 2199
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:	97	Resp:	7693
Ion	Ratio	Lower	Upper
97	100		
83	90.2	68.2	102.2
85	55.6	44.0	66.0
99	62.3	49.8	74.8

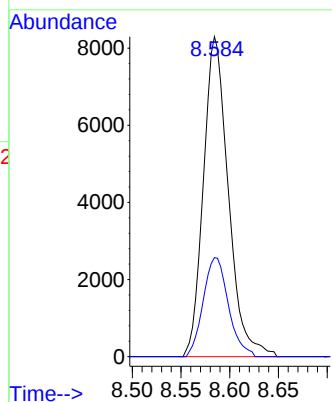




#53
1,3-Dichloropropane
Concen: 0.764 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



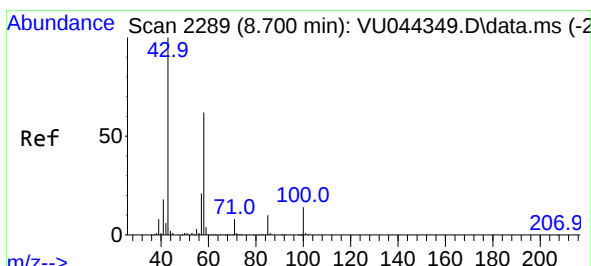
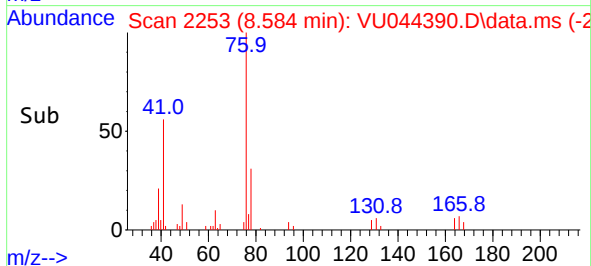
Tgt Ion: 76 Resp: 14766
Ion Ratio Lower Upper
76 100
78 31.3 25.9 38.9



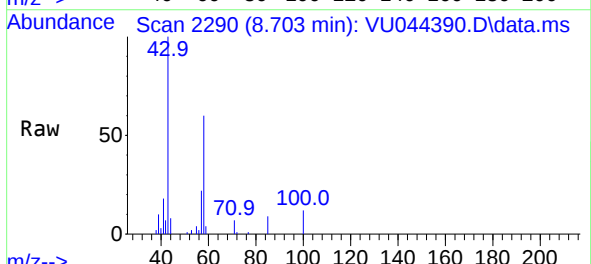
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

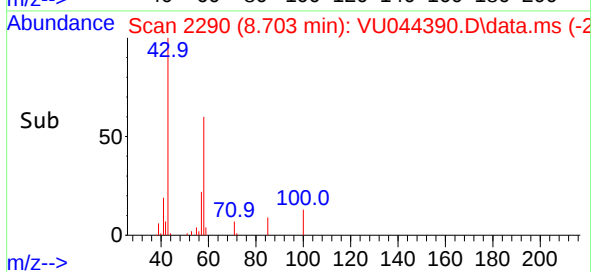
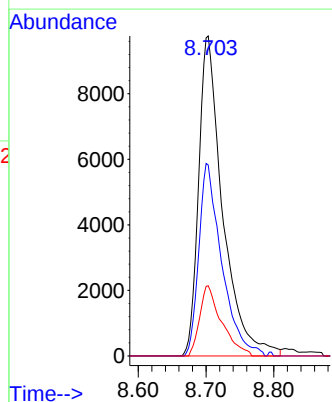
MMDadoda
7/28/2021 11:09:15 AM

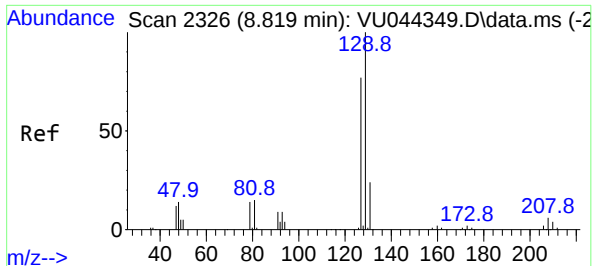


#54
2-Hexanone
Concen: 3.477 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



Tgt Ion: 43 Resp: 24000
Ion Ratio Lower Upper
43 100
58 57.4 34.4 74.4
57 20.1 0.0 39.5





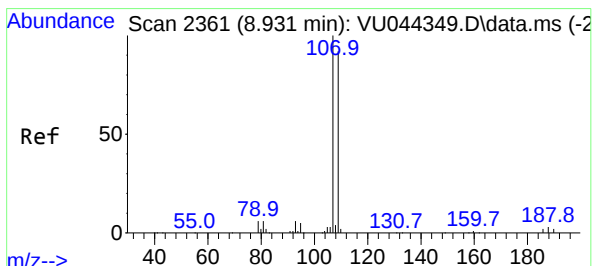
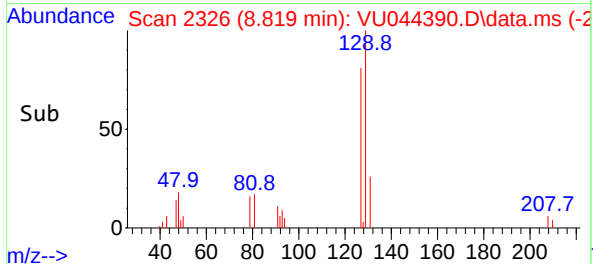
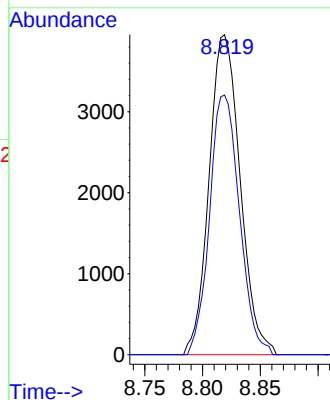
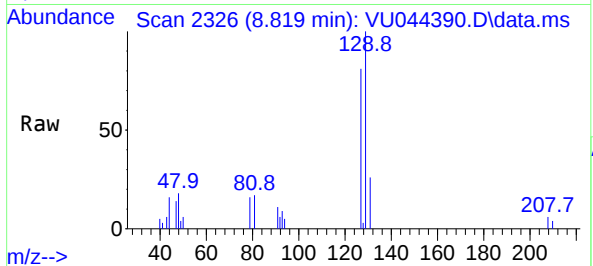
#55
Dibromochloromethane
Concen: 0.649 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:129 Resp: 7400
Ion Ratio Lower Upper
129 100
127 77.9 61.8 92.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

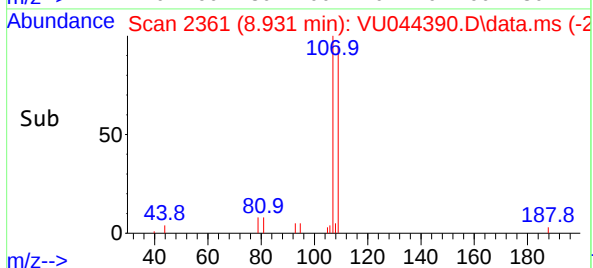
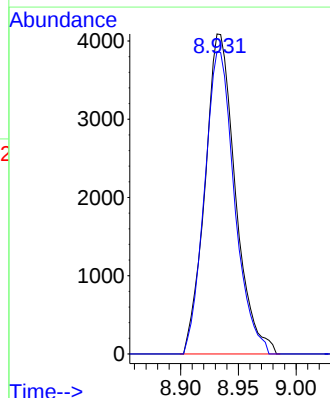
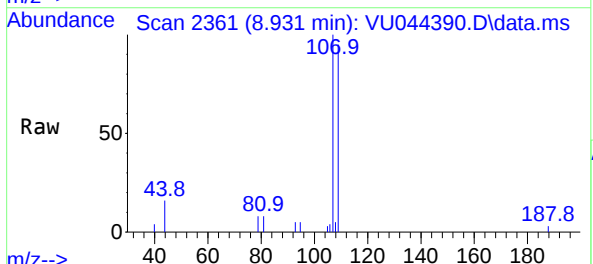
Manual Integrations
APPROVED

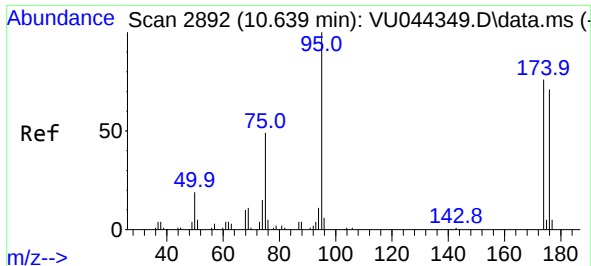
MMDadoda
7/28/2021 11:09:15 AM



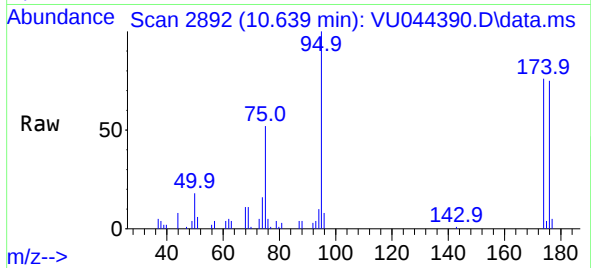
#56
1,2-Dibromoethane
Concen: 0.727 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:107 Resp: 7478
Ion Ratio Lower Upper
107 100
109 93.2 0.0 189.0

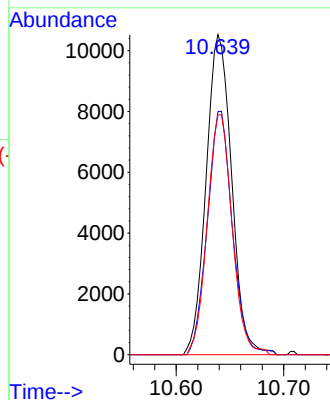
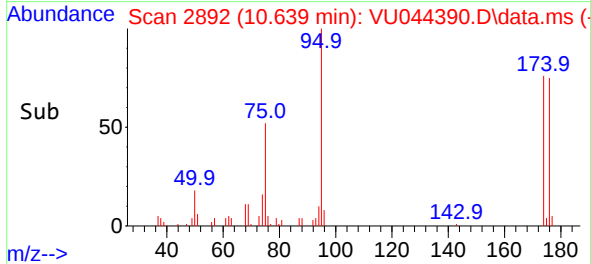




#57
4-Bromofluorobenzene
Concen: 0.936 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



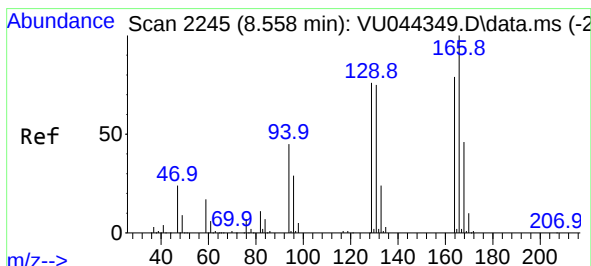
Tgt Ion: 95 Resp: 17380
Ion Ratio Lower Upper
95 100
174 74.4 62.2 93.2
176 72.9 60.3 90.5



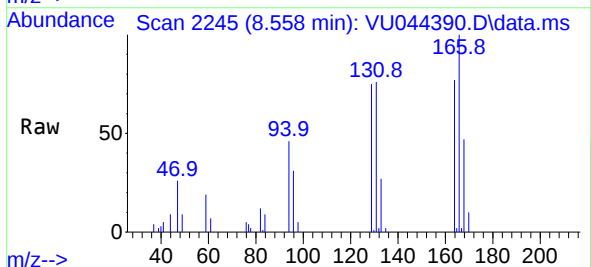
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

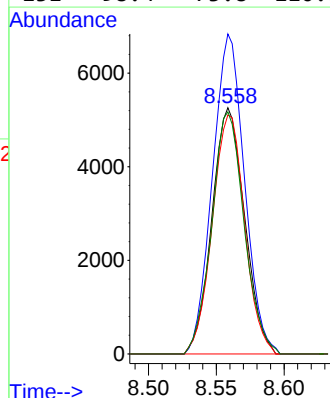
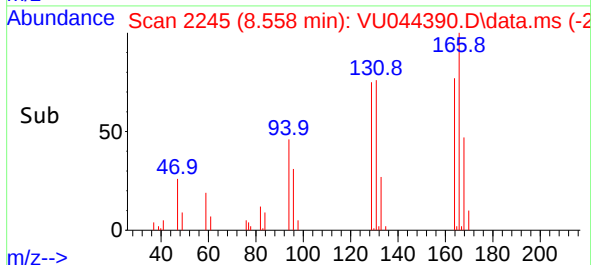
MMDadoda
7/28/2021 11:09:15 AM

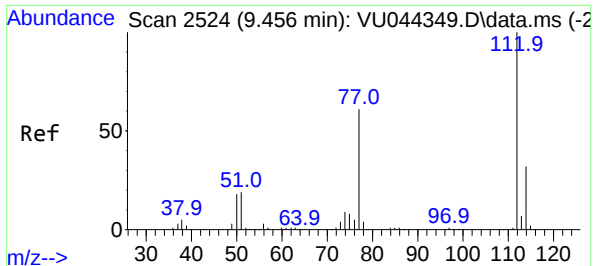


#58
Tetrachloroethene
Concen: 0.759 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



Tgt Ion: 164 Resp: 8809
Ion Ratio Lower Upper
164 100
166 130.0 100.2 150.4
129 97.1 76.3 114.5
131 98.4 73.8 110.8





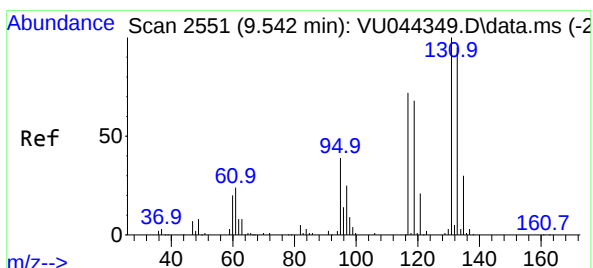
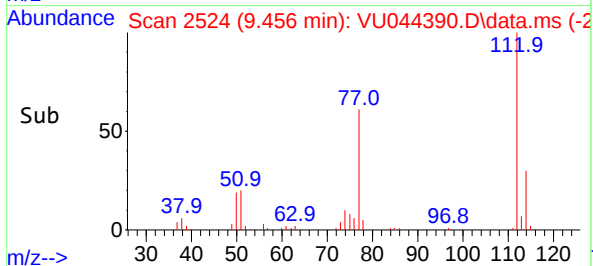
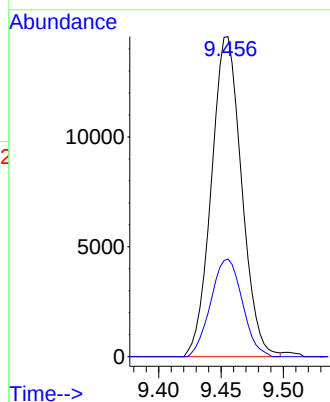
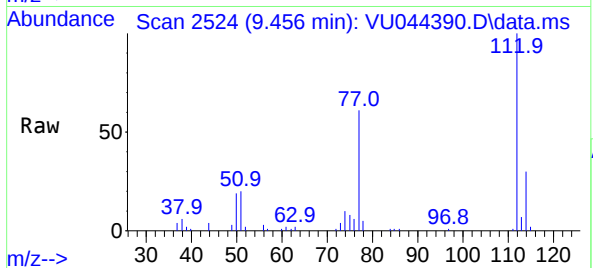
#59
Chlorobenzene
Concen: 0.680 ug/l
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Tgt Ion:112 Resp: 24612
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.6

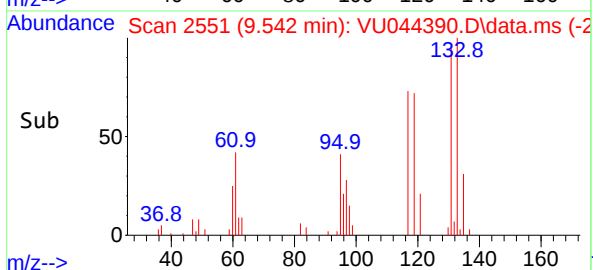
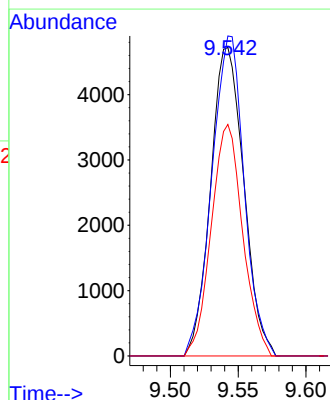
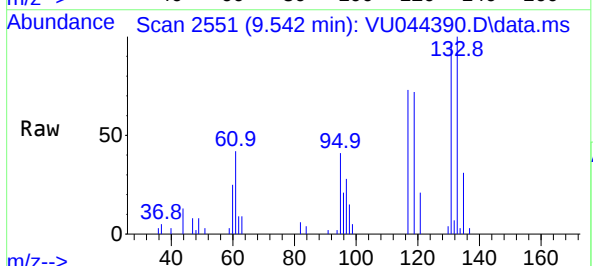
Manual Integrations
APPROVED

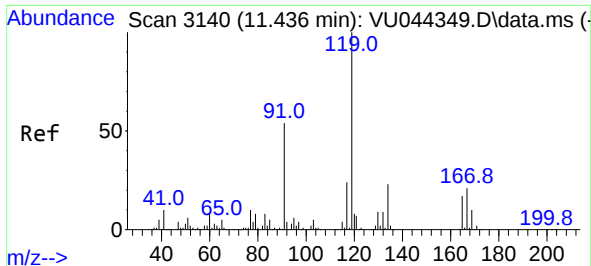
MMDadoda
7/28/2021 11:09:15 AM



#60
1,1,1,2-Tetrachloroethane
Concen: 0.666 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:131 Resp: 8031
Ion Ratio Lower Upper
131 100
133 101.3 77.3 115.9
119 71.2 52.8 79.2





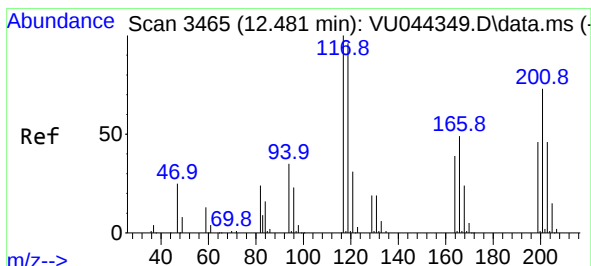
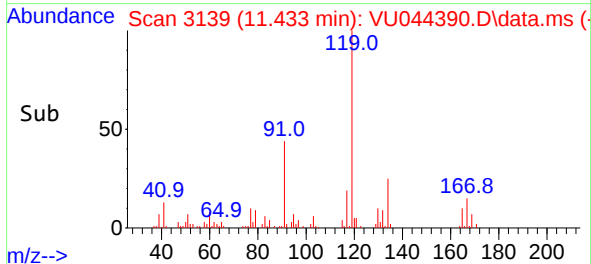
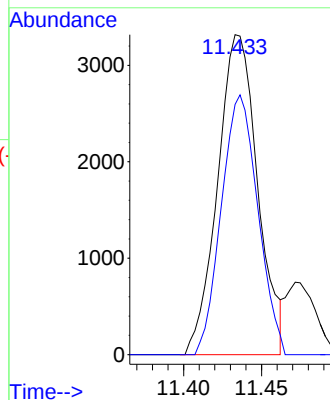
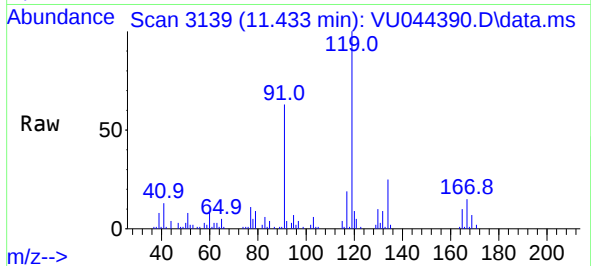
#61
Pentachloroethane
Concen: 0.616 ug/l
RT: 11.433 min Scan# 3139
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:117 Resp: 5940
Ion Ratio Lower Upper
117 100
167 73.9 66.7 100.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

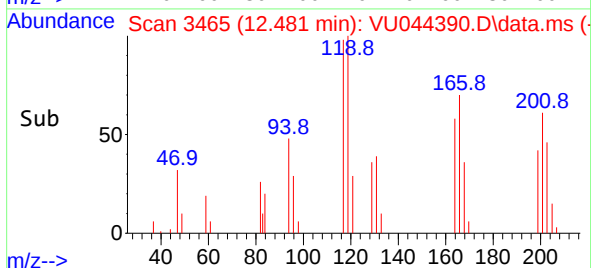
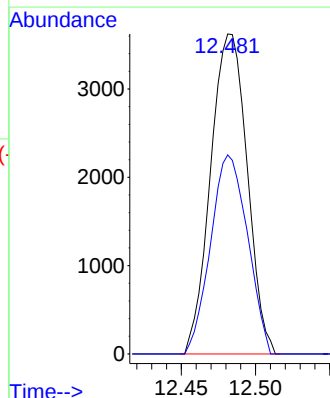
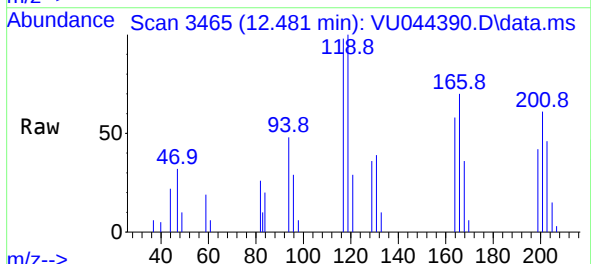
Manual Integrations
APPROVED

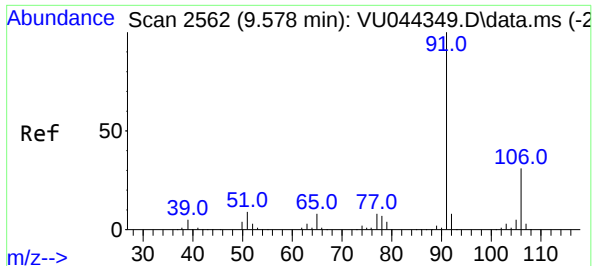
MMDadoda
7/28/2021 11:09:15 AM



#62
Hexachloroethane
Concen: 0.617 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

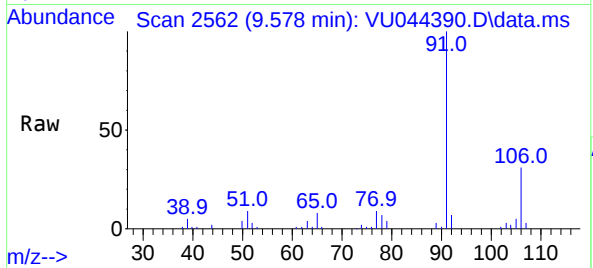
Tgt Ion:117 Resp: 6207
Ion Ratio Lower Upper
117 100
201 62.8 58.0 87.0





#63
Ethyl Benzene
Concen: 0.689 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

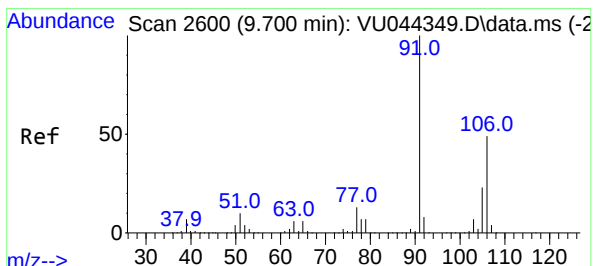
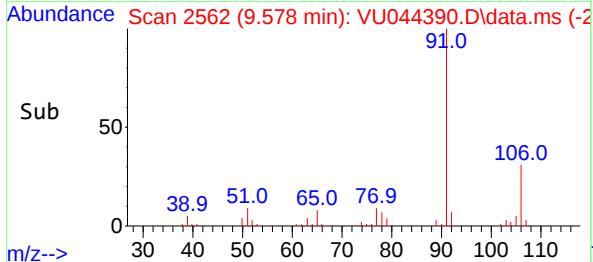
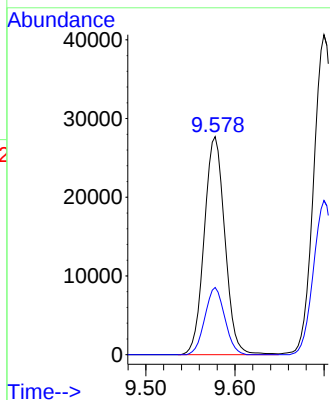
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021



Tgt Ion: 91 Resp: 44540
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

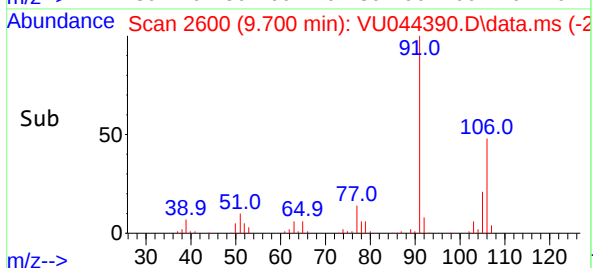
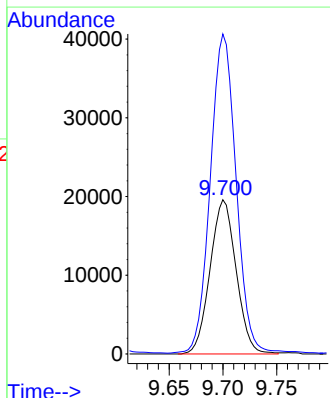
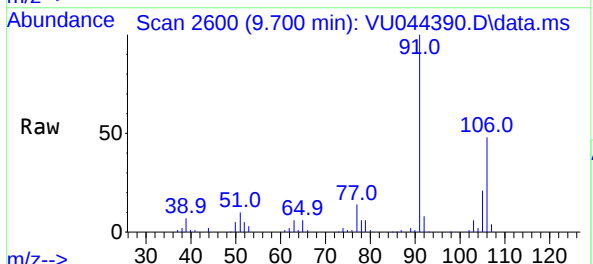
Manual Integrations
APPROVED

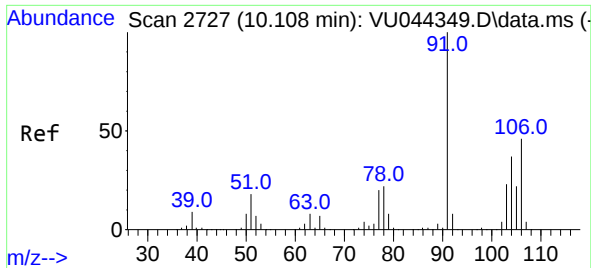
MMDadoda
7/28/2021 11:09:15 AM



#64
m/p-Xylenes
Concen: 1.336 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 106 Resp: 33020
Ion Ratio Lower Upper
106 100
91 205.6 162.5 243.7





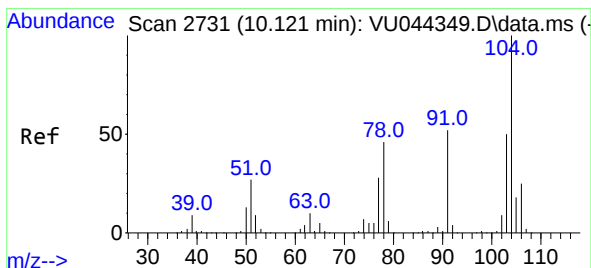
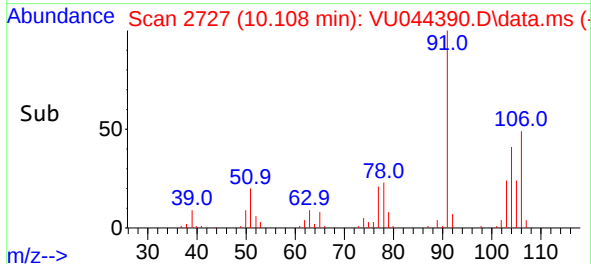
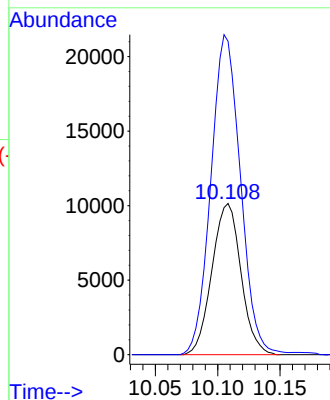
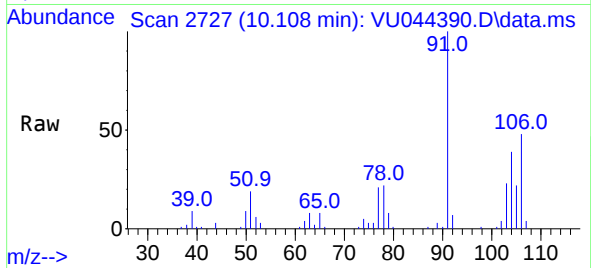
#65
o-Xylene
Concen: 0.690 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:106 Resp: 16455
Ion Ratio Lower Upper
106 100
91 215.4 108.2 324.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

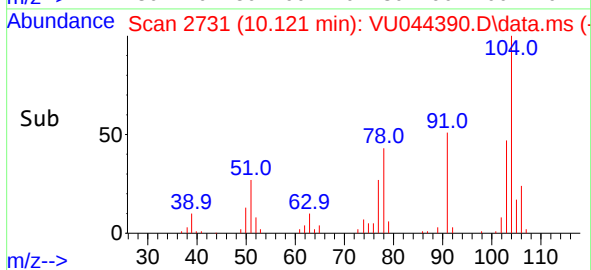
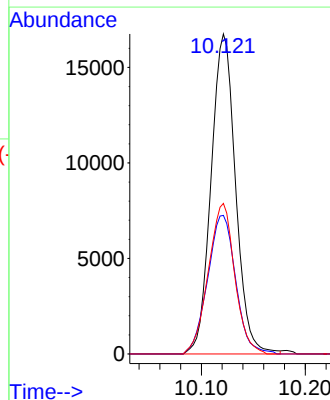
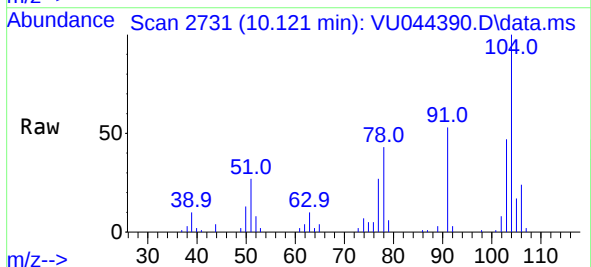
Manual Integrations
APPROVED

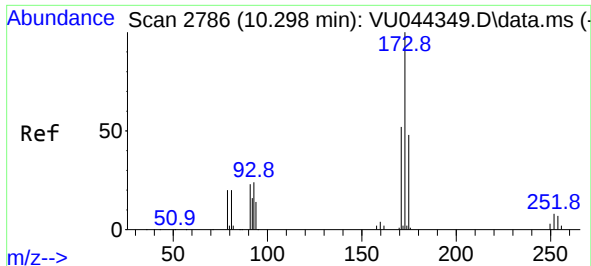
MMDadoda
7/28/2021 11:09:15 AM



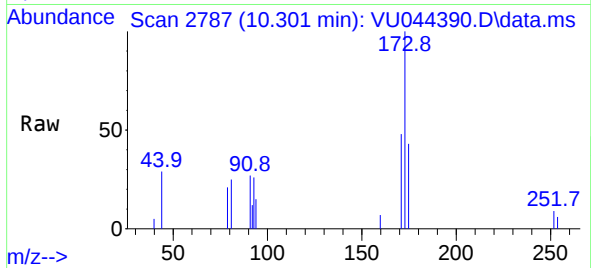
#66
Styrene
Concen: 0.667 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:104 Resp: 27427
Ion Ratio Lower Upper
104 100
78 49.4 41.6 62.4
103 50.6 43.3 64.9

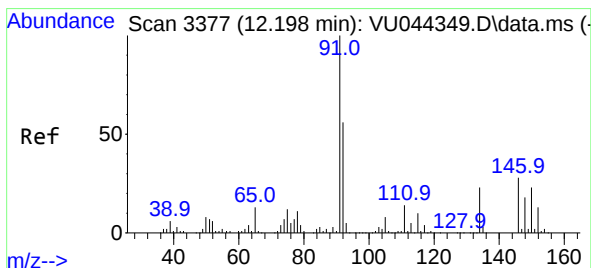
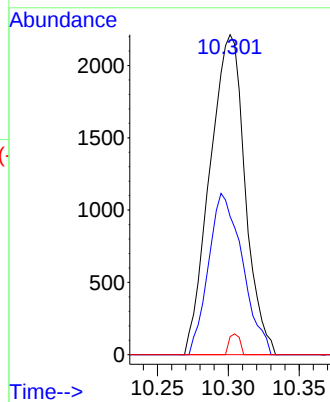
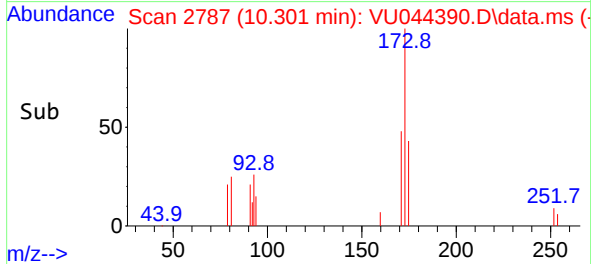




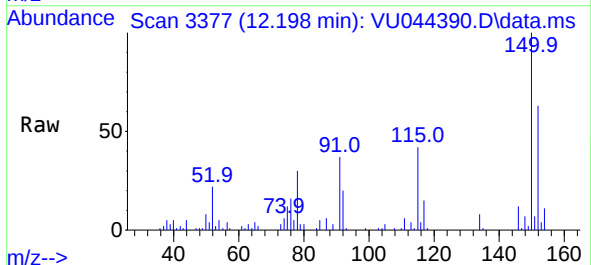
#67
Bromoform
Concen: 0.599 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



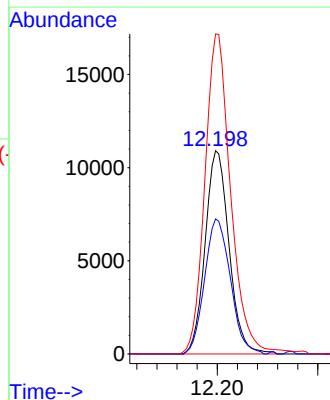
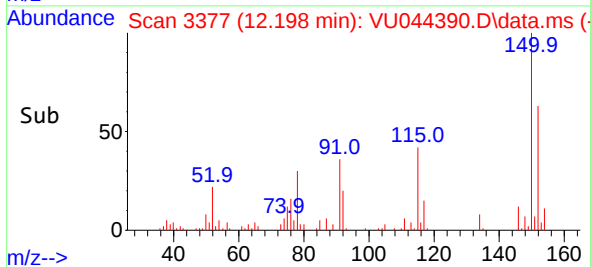
Tgt Ion:173 Resp: 3823
Ion Ratio Lower Upper
173 100
175 48.7 38.3 57.5
254 2.0 5.8 8.6#



#68
1,2-Dichlorobenzene-d4
Concen: 0.995 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



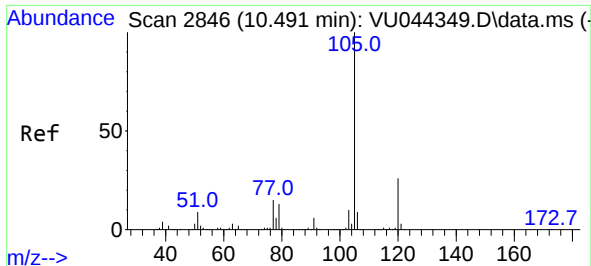
Tgt Ion:152 Resp: 18027
Ion Ratio Lower Upper
152 100
115 71.6 0.0 257.0
150 170.1 0.0 630.2



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

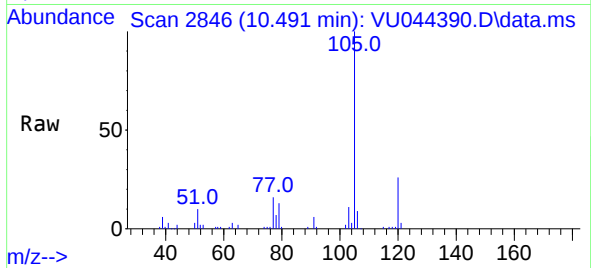
Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM



#69
Isopropylbenzene
Concen: 0.662 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

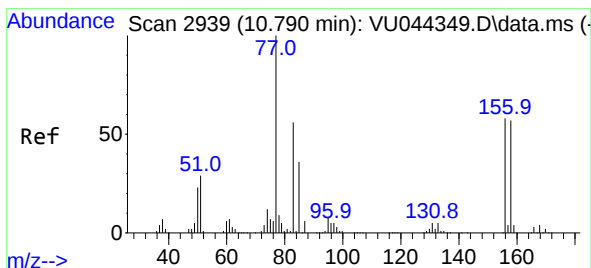
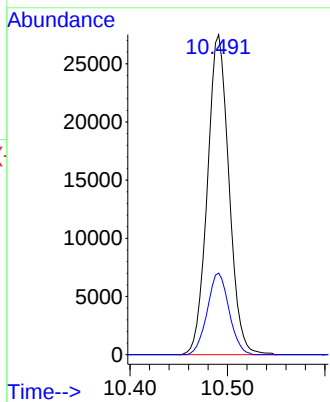
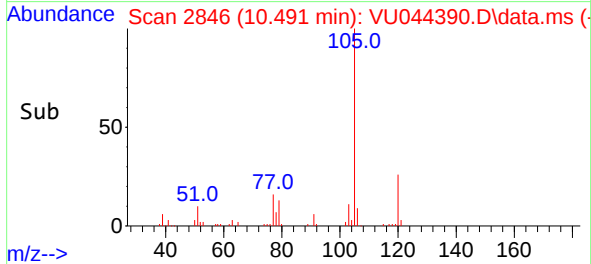
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021



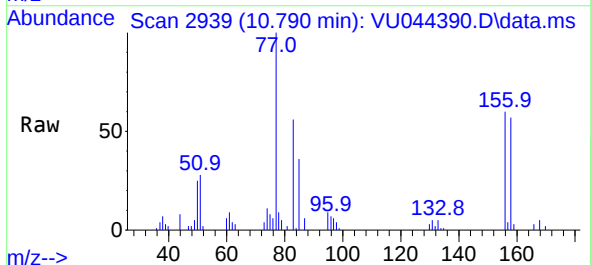
Tgt Ion:105 Resp: 42266
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3

Manual Integrations
APPROVED

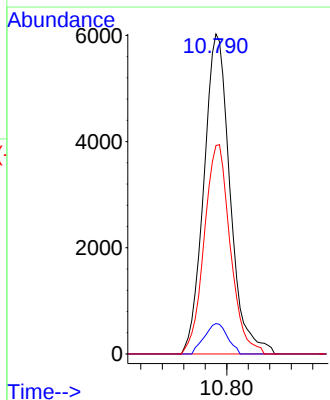
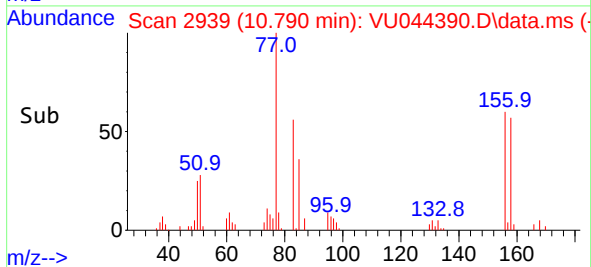
MMDadoda
7/28/2021 11:09:15 AM

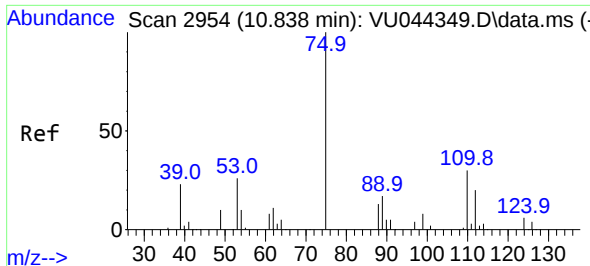


#70
1,1,2,2-Tetrachloroethane
Concen: 0.733 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

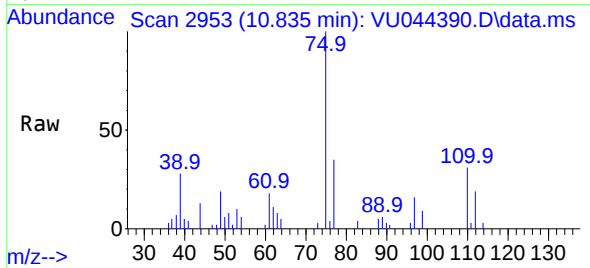


Tgt Ion: 83 Resp: 10180
Ion Ratio Lower Upper
83 100
131 8.3 8.2 12.2
85 65.1 50.8 76.2

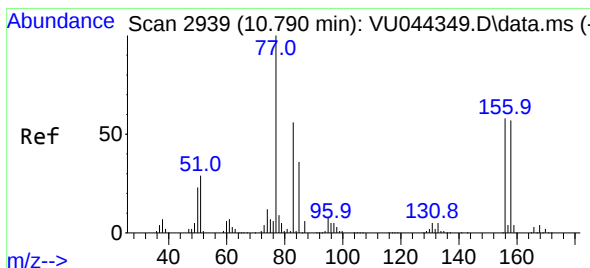
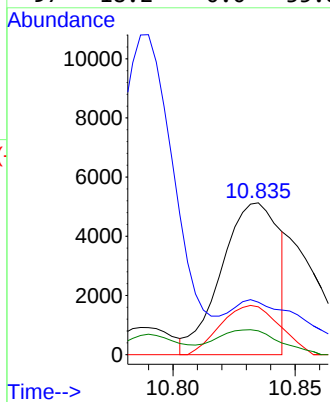
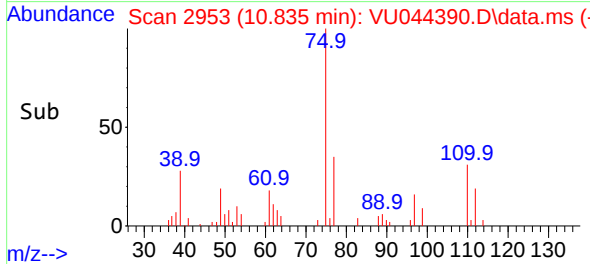




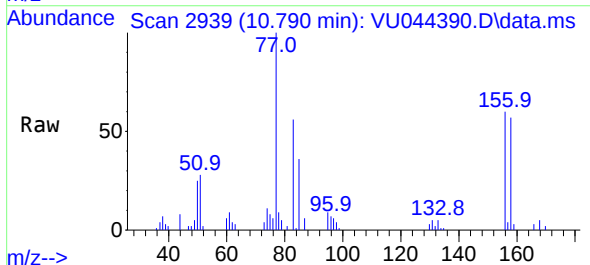
#71
1,2,3-Trichloropropane
Concen: 0.703 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



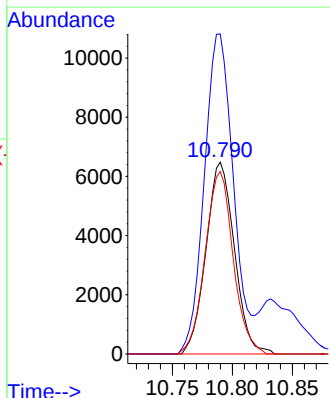
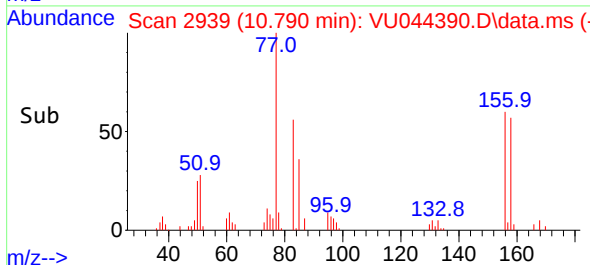
Tgt Ion: 75 Resp: 8367
Ion Ratio Lower Upper
75 100
77 49.1 0.0 111.4
110 33.5 0.0 74.6
97 18.2 0.0 35.8



#72
Bromobenzene
Concen: 0.723 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



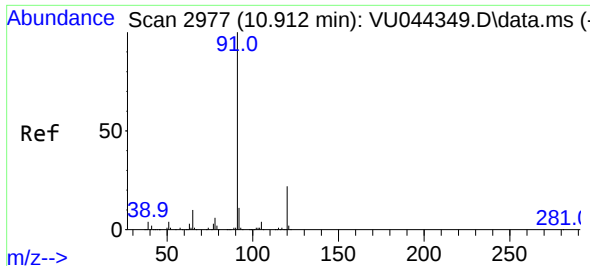
Tgt Ion: 156 Resp: 10681
Ion Ratio Lower Upper
156 100
77 171.5 0.0 324.2
158 93.9 0.0 192.4



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM



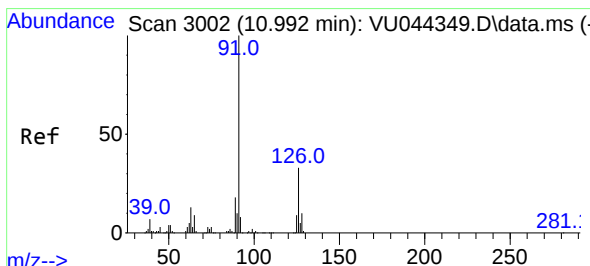
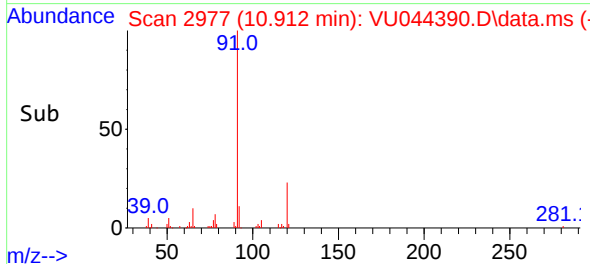
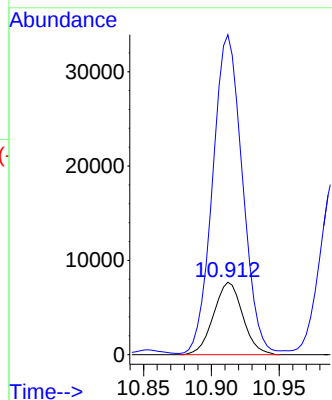
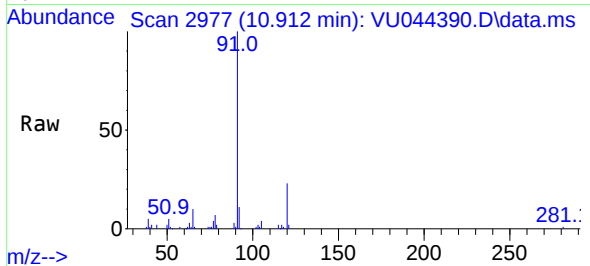
#73
n-propylbenzene
Concen: 0.668 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:120 Resp: 11486
Ion Ratio Lower Upper
120 100
91 448.9 346.6 519.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

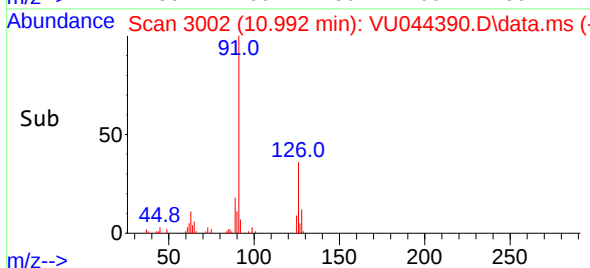
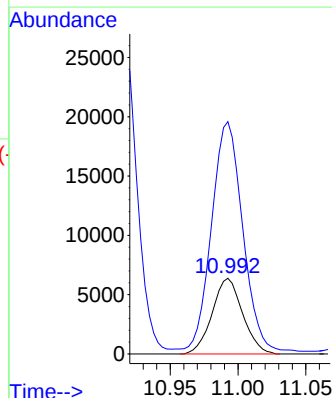
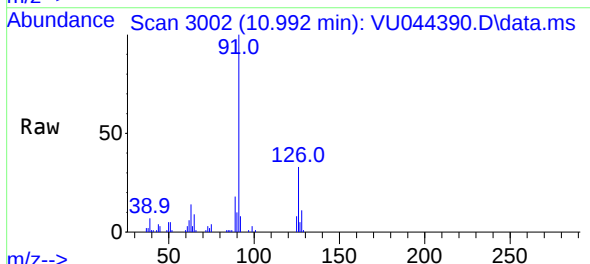
Manual Integrations
APPROVED

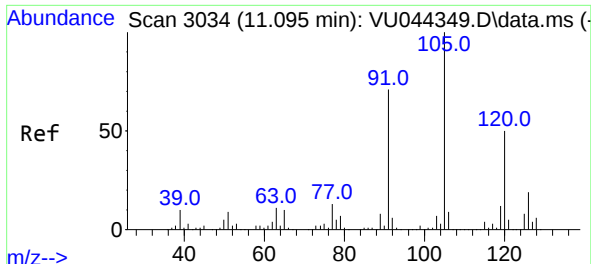
MMDadoda
7/28/2021 11:09:15 AM



#74
2-Chlorotoluene
Concen: 0.674 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:126 Resp: 9946
Ion Ratio Lower Upper
126 100
91 316.1 0.0 593.2





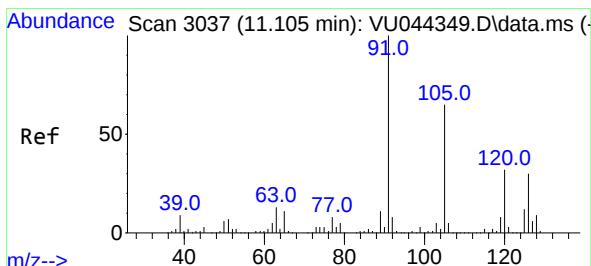
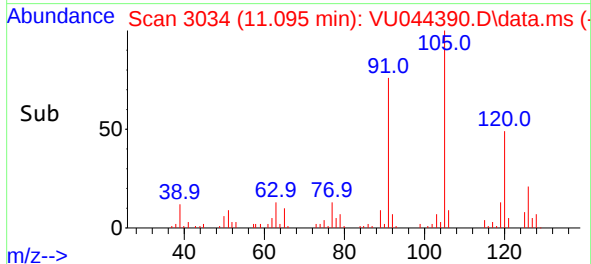
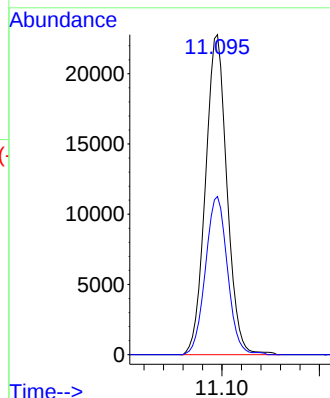
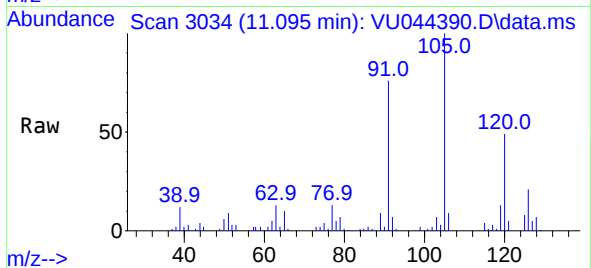
#75
1,3,5-Trimethylbenzene
Concen: 0.647 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:105 Resp: 34869
Ion Ratio Lower Upper
105 100
120 50.6 38.6 58.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

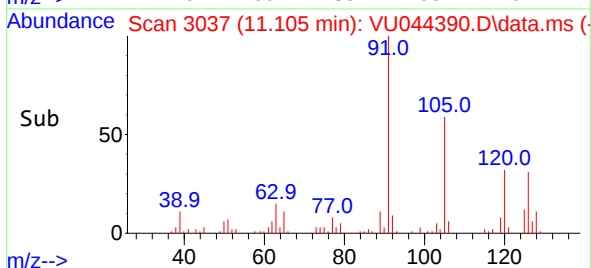
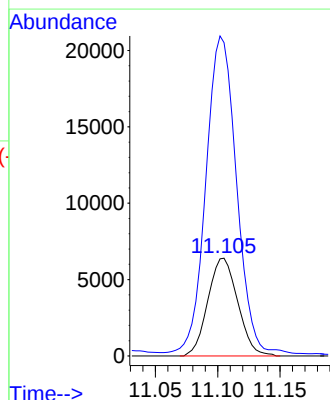
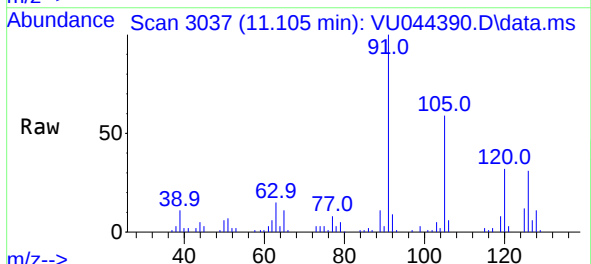
Manual Integrations
APPROVED

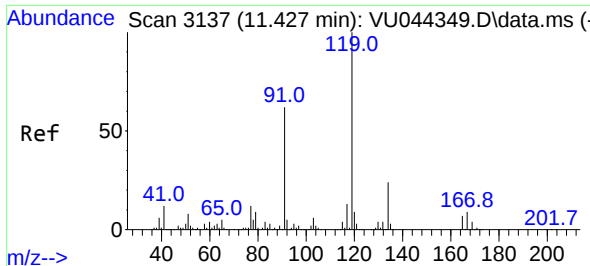
MMDadoda
7/28/2021 11:09:15 AM



#76
4-Chlorotoluene
Concen: 0.697 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

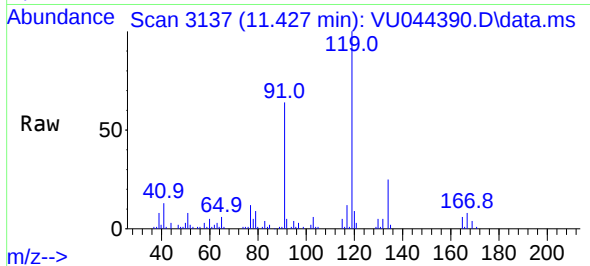
Tgt Ion:126 Resp: 10681
Ion Ratio Lower Upper
126 100
91 335.5 0.0 692.4





#77
tert-Butylbenzene
Concen: 0.657 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

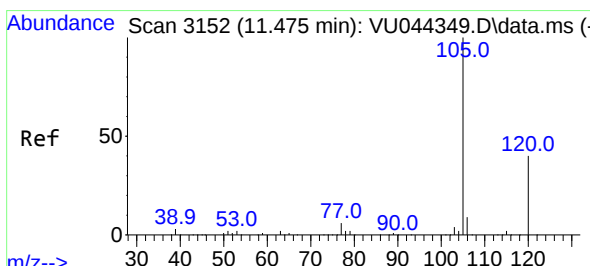
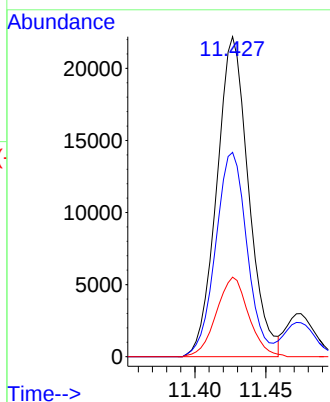
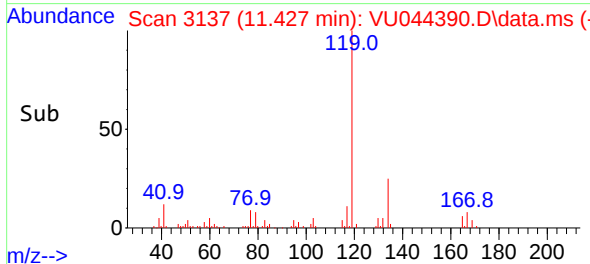
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021



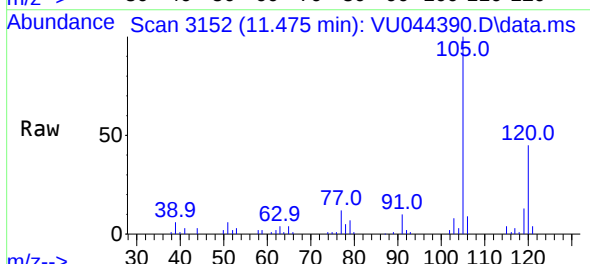
Tgt Ion:119 Resp: 34748
Ion Ratio Lower Upper
119 100
91 63.3 29.9 89.7
134 25.2 18.7 28.1

Manual Integrations
APPROVED

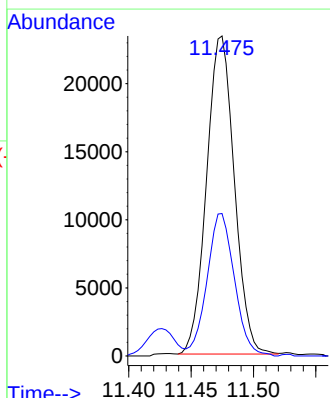
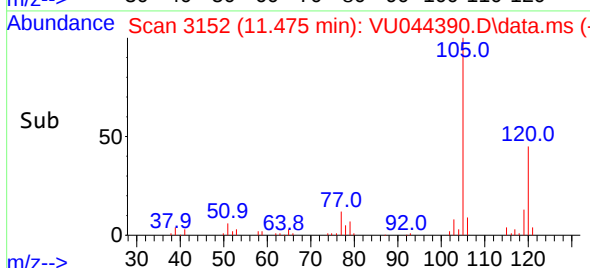
MMDadoda
7/28/2021 11:09:15 AM

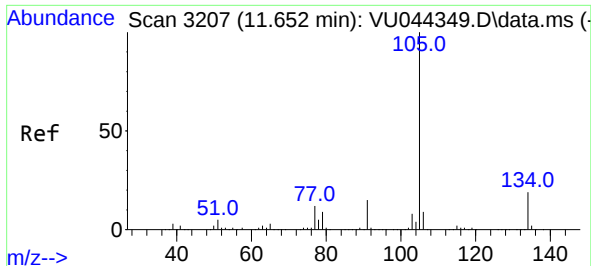


#78
1,2,4-Trimethylbenzene
Concen: 0.663 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



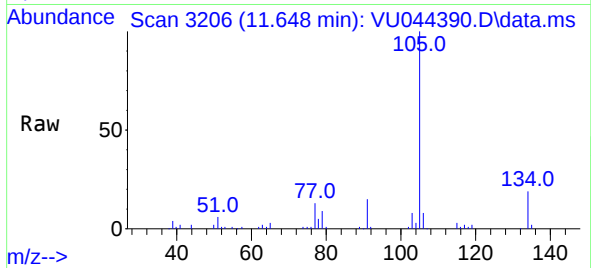
Tgt Ion:105 Resp: 36288
Ion Ratio Lower Upper
105 100
120 44.1 22.7 68.0





#79
 sec-Butylbenzene
 Concen: 0.689 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.003 min
 Lab File: VU044390.D
 Acq: 22 Jul 2021 14:43

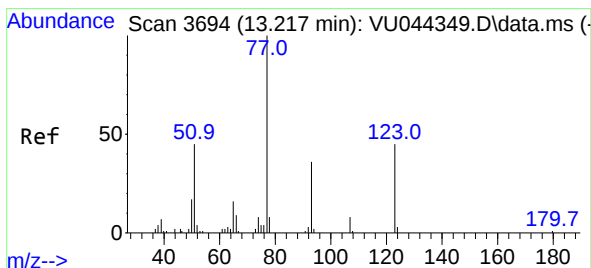
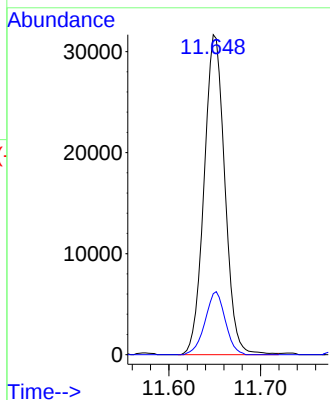
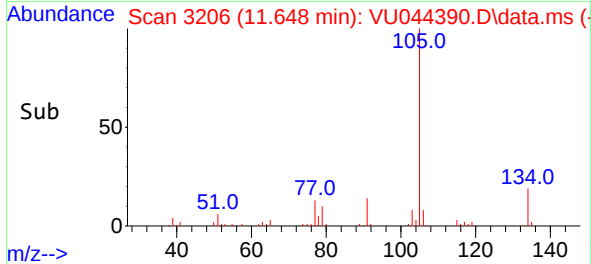
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2021



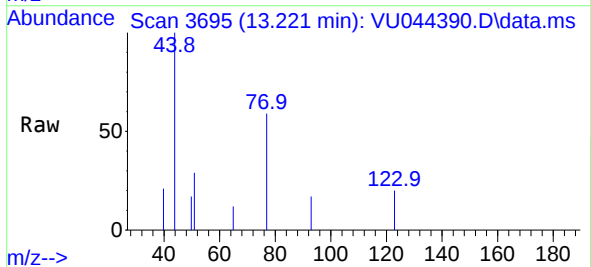
Tgt Ion:105 Resp: 49631
 Ion Ratio Lower Upper
 105 100
 134 19.2 16.1 24.1

Manual Integrations
 APPROVED

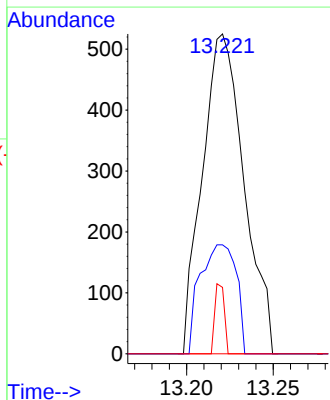
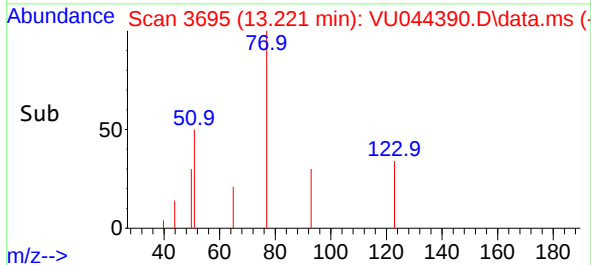
MMDadoda
 7/28/2021 11:09:15 AM

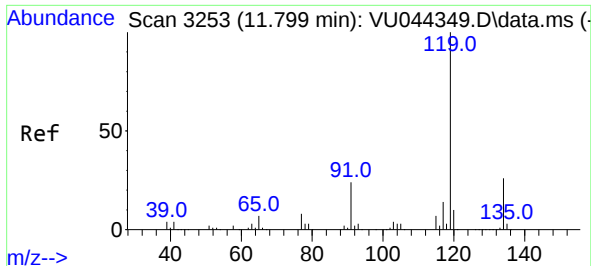


#80
 Nitrobenzene
 Concen: 2.124 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU044390.D
 Acq: 22 Jul 2021 14:43

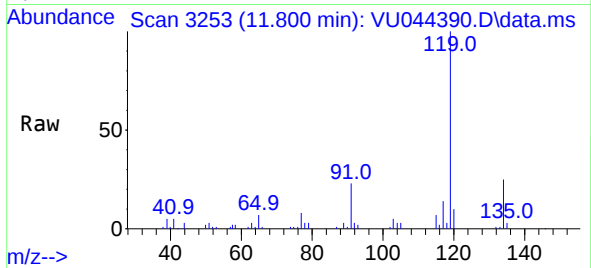


Tgt Ion: 77 Resp: 880
 Ion Ratio Lower Upper
 77 100
 123 29.4 19.0 67.4
 65 4.9 12.2 15.6#



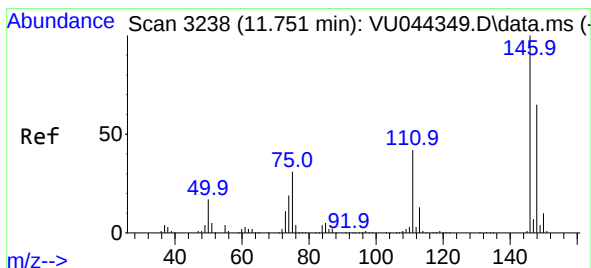
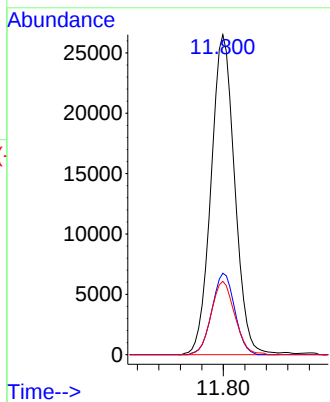
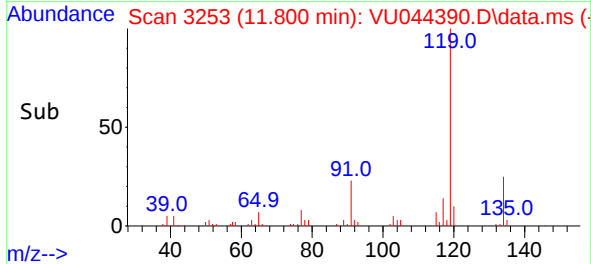


#81
p-Isopropyltoluene
Concen: 0.679 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

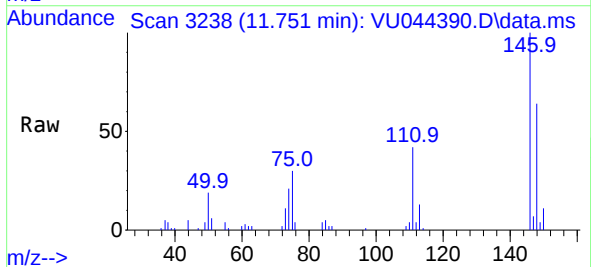


Tgt Ion:119 Resp: 40482

Ion	Ratio	Lower	Upper
119	100		
134	24.5	21.0	31.4
91	22.9	19.4	29.2

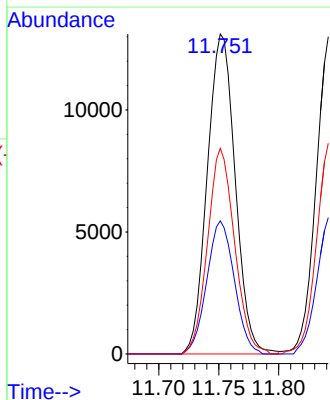
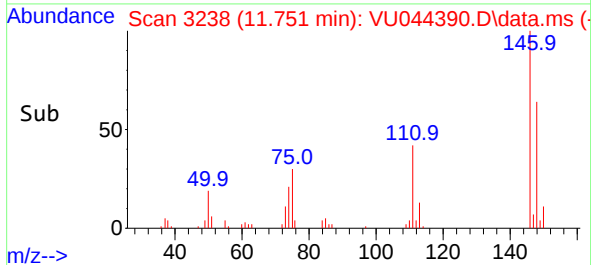


#82
1,3-Dichlorobenzene
Concen: 0.724 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



Tgt Ion:146 Resp: 21230

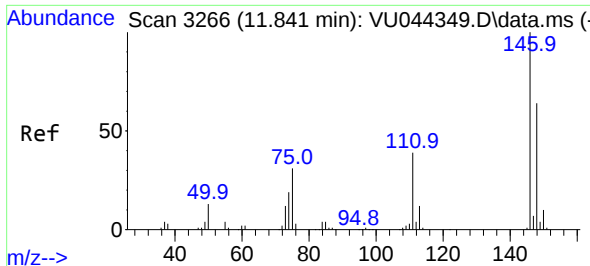
Ion	Ratio	Lower	Upper
146	100		
111	41.0	33.3	49.9
148	62.2	50.9	76.3



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM



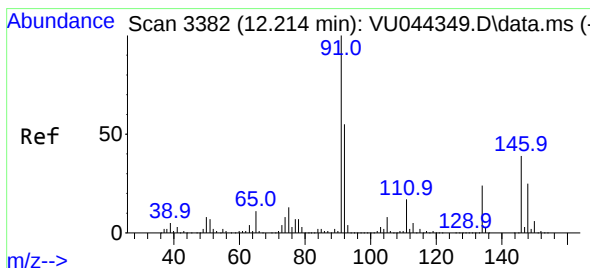
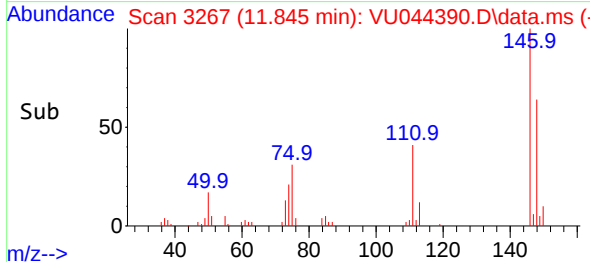
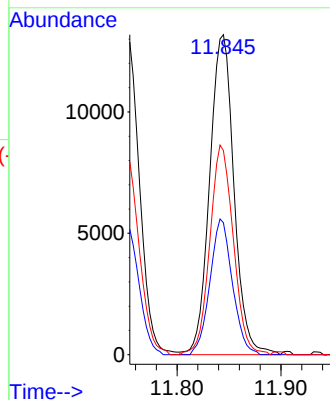
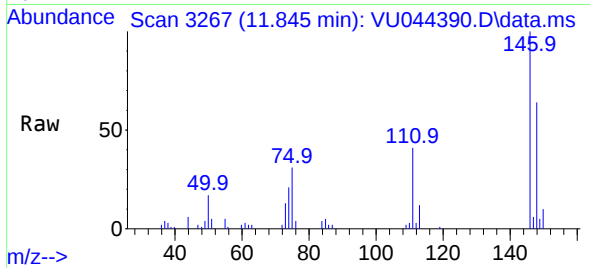
#83
1,4-Dichlorobenzene
Concen: 0.724 ug/l
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 146 Resp: 21441
Ion Ratio Lower Upper
146 100
111 39.1 32.6 48.8
148 63.3 50.8 76.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

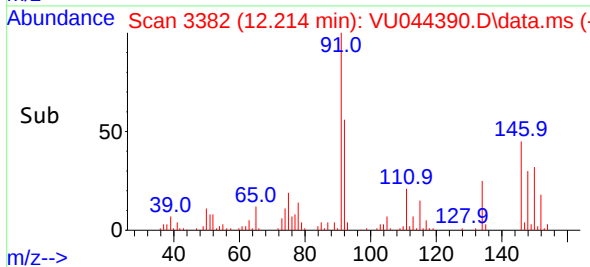
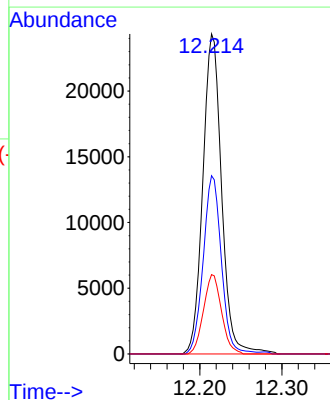
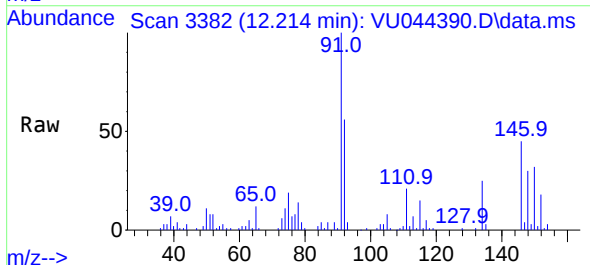
Manual Integrations
APPROVED

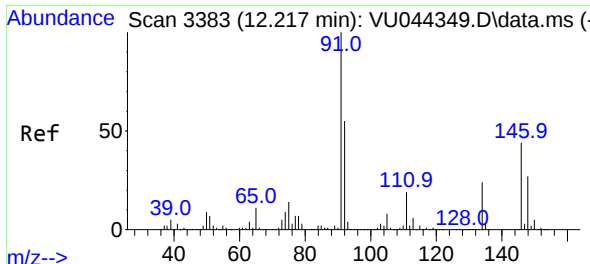
MMDadoda
7/28/2021 11:09:15 AM



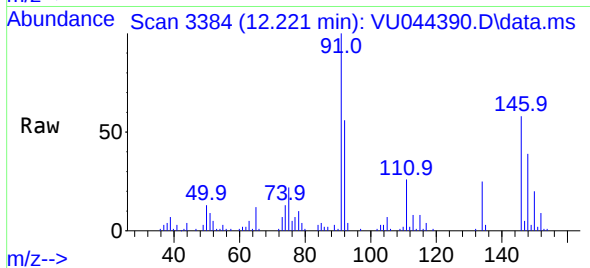
#84
n-Butylbenzene
Concen: 0.662 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion: 91 Resp: 38644
Ion Ratio Lower Upper
91 100
92 53.7 43.3 64.9
134 23.8 20.2 30.4

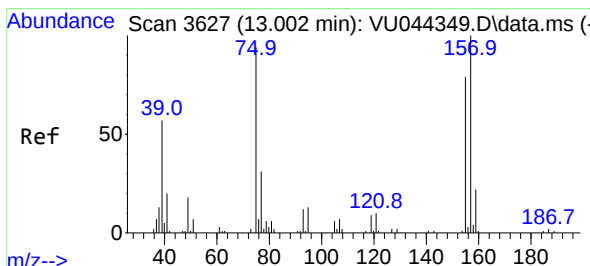
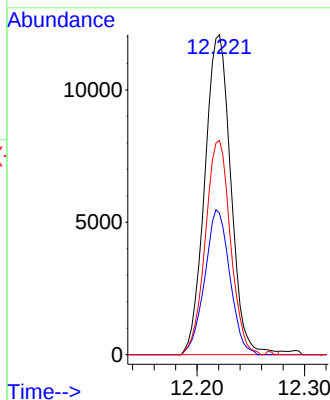
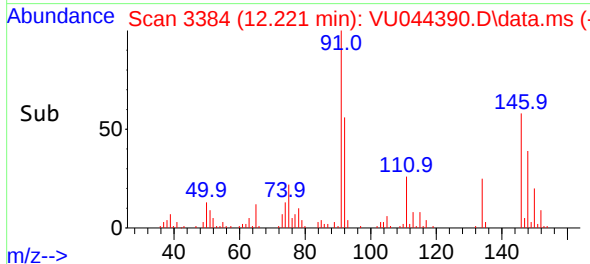




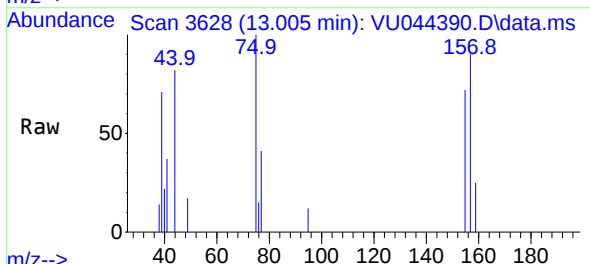
#85
1,2-Dichlorobenzene
Concen: 0.716 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



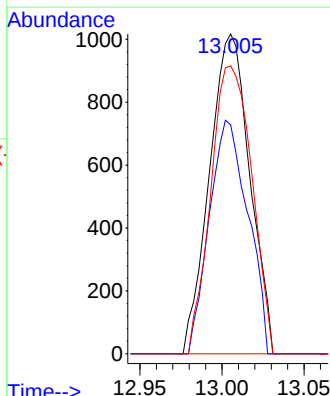
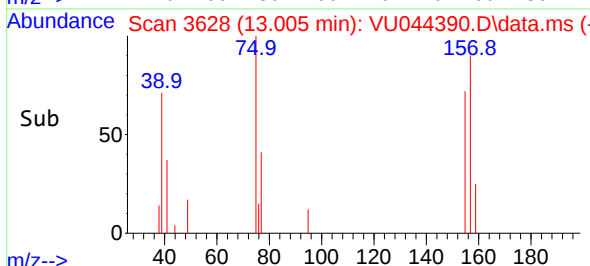
Tgt Ion: 146 Resp: 20364
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 64.6 31.9 95.7



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.723 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



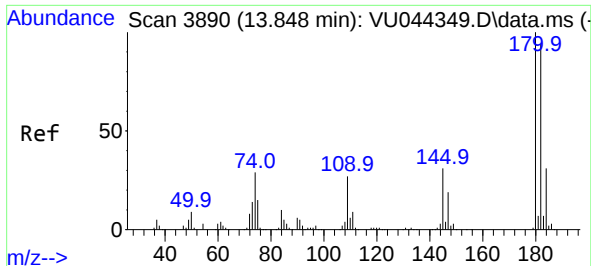
Tgt Ion: 75 Resp: 1737
Ion Ratio Lower Upper
75 100
155 69.8 64.7 97.1
157 91.5 85.3 127.9



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

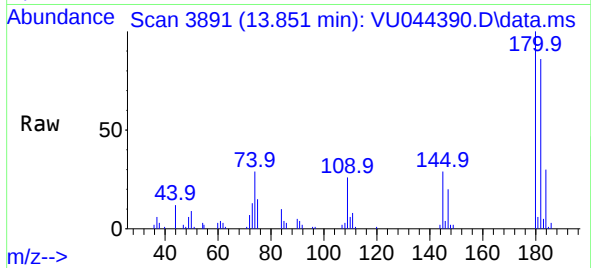
Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM



#87
1,2,4-Trichlorobenzene
Concen: 0.670 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

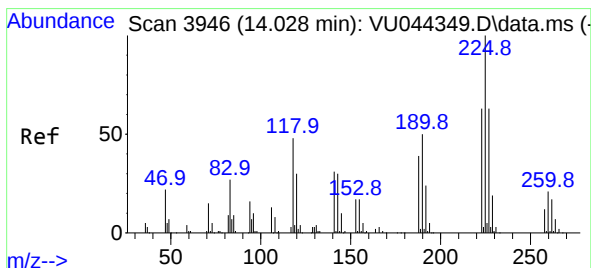
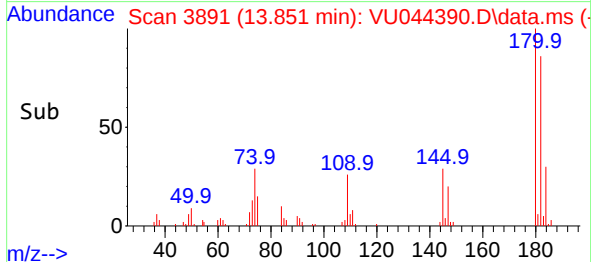
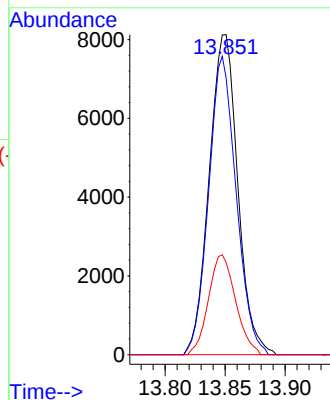
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021



Tgt Ion:180 Resp: 13478
Ion Ratio Lower Upper
180 100
182 89.7 77.0 115.6
145 29.6 25.8 38.6

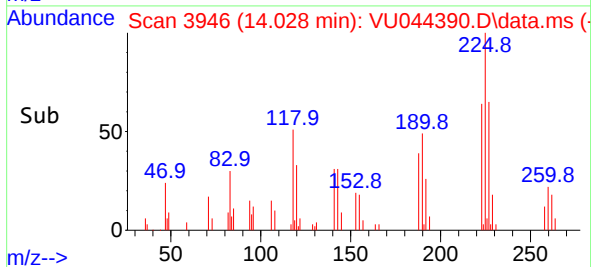
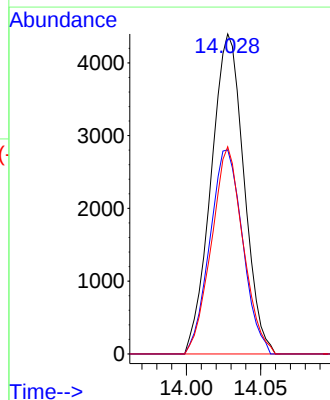
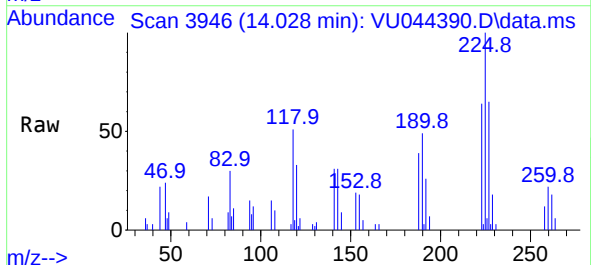
Manual Integrations
APPROVED

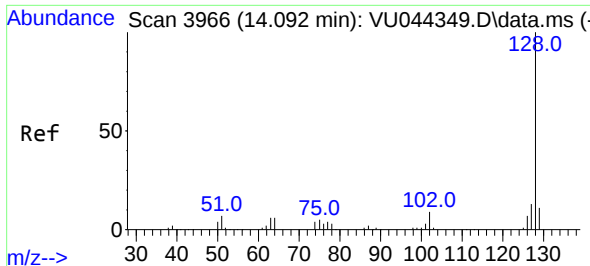
MMDadoda
7/28/2021 11:09:15 AM



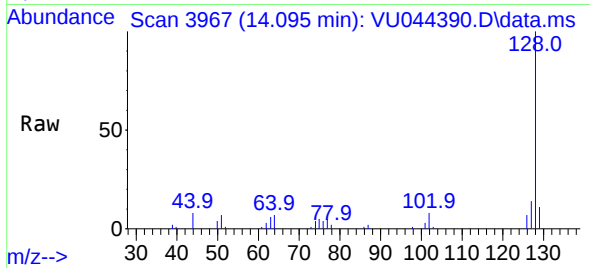
#88
Hexachlorobutadiene
Concen: 0.695 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43

Tgt Ion:225 Resp: 6768
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 62.3 50.8 76.2

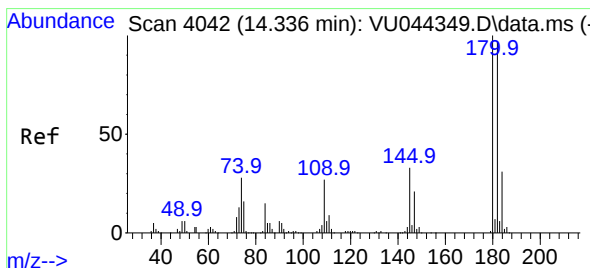
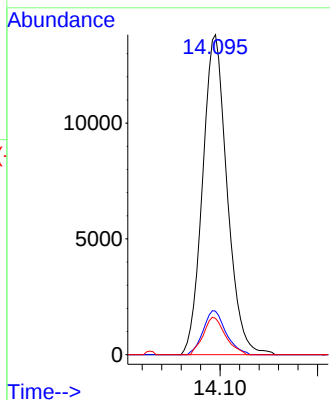
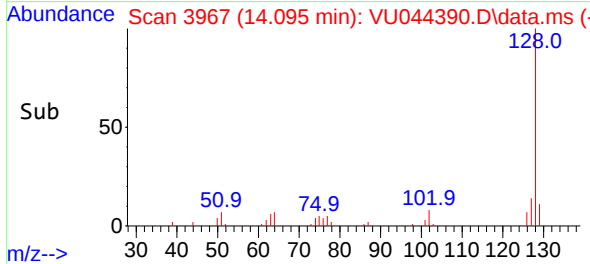




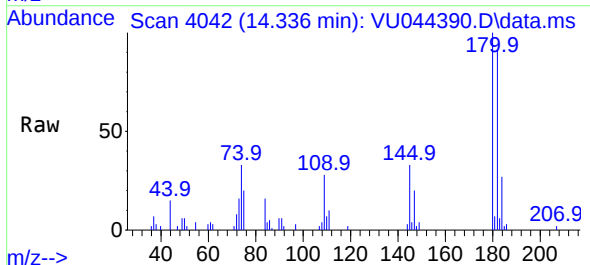
#89
Naphthalene
Concen: 0.600 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



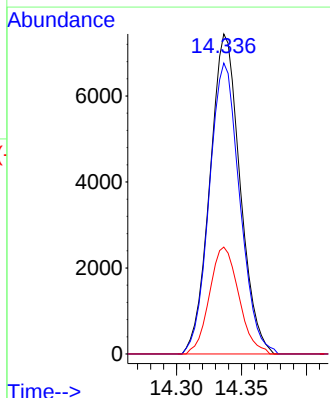
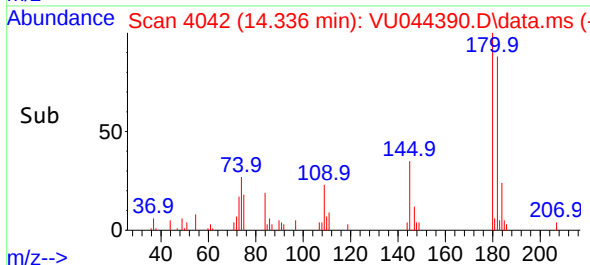
Tgt Ion:128 Resp: 24150
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.5 8.6 13.0



#90
1,2,3-Trichlorobenzene
Concen: 0.656 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044390.D
Acq: 22 Jul 2021 14:43



Tgt Ion:180 Resp: 11980
Ion Ratio Lower Upper
180 100
182 91.9 77.1 115.7
145 32.5 27.0 40.4



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/28/2021 11:09:15 AM