

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067782.D
 Acq On : 16 Jul 2021 19:00
 Operator : JC/MD
 Sample : M2940-07 2.5PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:54:07 PM

Quant Time: Jul 17 06:09:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 17 06:07:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	337062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	629262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	583463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	228721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	277598	54.495	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.980%			
35) Dibromofluoromethane	8.024	113	197539	51.959	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.920%			
50) Toluene-d8	10.443	98	793597	49.869	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.733	95	260926	46.415	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	7887	2.753	ug/l	99
3) Chloromethane	2.301	50	11415	2.516	ug/l	97
4) Vinyl Chloride	2.440	62	17205	2.512	ug/l	90
5) Bromomethane	2.850	94	17231	3.049	ug/l	93
6) Chloroethane	3.014	64	14024	2.764	ug/l	96
7) Trichlorofluoromethane	3.371	101	33133	2.607	ug/l	97
8) Diethyl Ether	3.819	74	6668	2.446	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.205	101	8497	2.720	ug/l #	85
10) Methyl Iodide	4.414	142	8237	2.214	ug/l #	81
11) Tert butyl alcohol	5.385	59	9683m	13.228	ug/l	
12) 1,1-Dichloroethene	4.170	96	8058	2.689	ug/l	86
13) Acrolein	4.039	56	5417	13.779	ug/l	89
14) Allyl chloride	4.835	41	13891	2.521	ug/l #	87
15) Acrylonitrile	5.562	53	22588	12.441	ug/l #	69
16) Acetone	4.288	43	22445	14.003	ug/l	100
17) Carbon Disulfide	4.521	76	19748	2.379	ug/l	96
18) Methyl Acetate	4.859	43	12882m	2.861	ug/l	
19) Methyl tert-butyl Ether	5.621	73	31016	2.497	ug/l	98
20) Methylene Chloride	5.095	84	13943m	3.289	ug/l	
21) trans-1,2-Dichloroethene	5.591	96	8734	2.465	ug/l	96
22) Diisopropyl ether	6.495	45	30429	2.434	ug/l #	94
23) Vinyl Acetate	6.436	43	118703	11.106	ug/l	98
24) 1,1-Dichloroethane	6.385	63	18148	2.604	ug/l	96
25) 2-Butanone	7.345	43	34122	12.820	ug/l	94
26) 2,2-Dichloropropane	7.327	77	15666	2.572	ug/l #	76
27) cis-1,2-Dichloroethene	7.324	96	10752	2.425	ug/l	83
28) Bromochloromethane	7.657	49	8119	2.387	ug/l #	82
29) Tetrahydrofuran	7.694	42	20730	11.843	ug/l	94
30) Chloroform	7.817	83	18819	2.404	ug/l	99
31) Cyclohexane	8.088	56	23909	3.347	ug/l #	61
32) 1,1,1-Trichloroethane	8.019	97	16610	2.447	ug/l	91
36) 1,1-Dichloropropene	8.222	75	13406	2.293	ug/l	94
37) Ethyl Acetate	7.420	43	13381	2.363	ug/l #	85
38) Carbon Tetrachloride	8.209	117	13649	2.367	ug/l	98
39) Methylcyclohexane	9.461	83	14265	2.229	ug/l	88
40) Benzene	8.458	78	39943	2.283	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067782.D
 Acq On : 16 Jul 2021 19:00
 Operator : JC/MD
 Sample : M2940-07 2.5PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:54:07 PM

Quant Time: Jul 17 06:09:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 17 06:07:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	6087m	2.091	ug/l	
42) 1,2-Dichloroethane	8.531	62	16279	2.505	ug/l	100
43) Isopropyl Acetate	8.563	43	23227	2.331	ug/l	95
44) Trichloroethene	9.217	130	10904	2.456	ug/l	98
45) 1,2-Dichloropropane	9.494	63	9330	2.106	ug/l	95
46) Dibromomethane	9.579	93	7425	2.362	ug/l	93
47) Bromodichloromethane	9.759	83	12833	2.088	ug/l #	98
48) Methyl methacrylate	9.563	41	9492	2.154	ug/l	87
49) 1,4-Dioxane	9.579	88	3645	47.729	ug/l #	64
51) 4-Methyl-2-Pentanone	10.333	43	69297	11.322	ug/l	98
52) Toluene	10.507	92	27156	2.369	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	11967	1.898	ug/l	91
54) cis-1,3-Dichloropropene	10.191	75	13864	2.029	ug/l	96
55) 1,1,2-Trichloroethane	10.904	97	10458	2.381	ug/l	87
56) Ethyl methacrylate	10.765	69	14369	2.123	ug/l	98
57) 1,3-Dichloropropane	11.049	76	17780	2.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	16563	11.804	ug/l	94
59) 2-Hexanone	11.087	43	47271	11.065	ug/l	97
60) Dibromochloromethane	11.237	129	8584	1.925	ug/l	97
61) 1,2-Dibromoethane	11.347	107	9660	2.154	ug/l	95
64) Tetrachloroethene	10.977	164	9988	2.425	ug/l	95
65) Chlorobenzene	11.773	112	28386	2.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	8816	2.092	ug/l	93
67) Ethyl Benzene	11.846	91	48925	2.243	ug/l	94
68) m/p-Xylenes	11.956	106	35429	4.294	ug/l	88
69) o-Xylene	12.283	106	17469	2.153	ug/l	90
70) Styrene	12.296	104	26607	2.050	ug/l	90
71) Bromoform	12.460	173	5000	1.756	ug/l #	95
73) Isopropylbenzene	12.581	105	44951	2.436	ug/l	98
74) N-amyl acetate	12.390	43	16025	2.394	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	13323	2.488	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	12478m	2.671	ug/l	
77) Bromobenzene	12.862	156	9919	2.429	ug/l	84
78) n-propylbenzene	12.924	91	50436	2.416	ug/l	96
79) 2-Chlorotoluene	13.012	91	31254	2.479	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	35490	2.373	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	2474m	1.708	ug/l	
82) 4-Chlorotoluene	13.109	91	31105	2.493	ug/l	97
83) tert-Butylbenzene	13.326	119	30237	2.371	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	34776	2.374	ug/l	96
85) sec-Butylbenzene	13.503	105	41812	2.369	ug/l	96
86) p-Isopropyltoluene	13.619	119	32979	2.316	ug/l	97
87) 1,3-Dichlorobenzene	13.619	146	18403	2.429	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	18826	2.427	ug/l	92
89) n-Butylbenzene	13.946	91	28201	2.309	ug/l	97
90) Hexachloroethane	14.214	117	4932	2.085	ug/l	96
91) 1,2-Dichlorobenzene	13.994	146	18607	2.544	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.608	75	2126	2.285	ug/l	73
93) 1,2,4-Trichlorobenzene	15.271	180	6849	2.175	ug/l	98
94) Hexachlorobutadiene	15.373	225	3826	2.489	ug/l	98
95) Naphthalene	15.512	128	18969	2.138	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.700	180	6782m	2.230	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067782.D
 Acq On : 16 Jul 2021 19:00
 Operator : JC/MD
 Sample : M2940-07 2.5PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

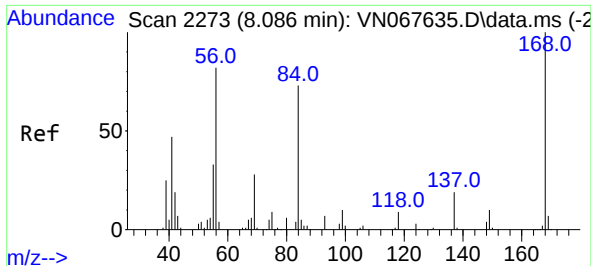
Manual Integrations
APPROVED

MMDadoda
 7/19/2021 5:54:07 PM

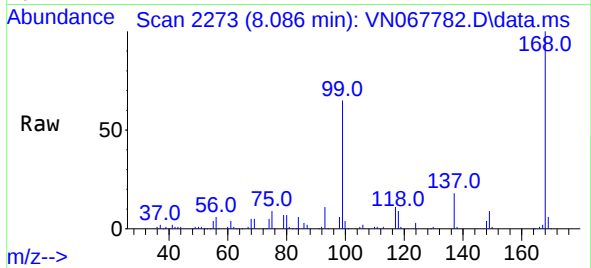
Quant Time: Jul 17 06:09:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 17 06:07:12 2021
 Response via : Initial Calibration

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

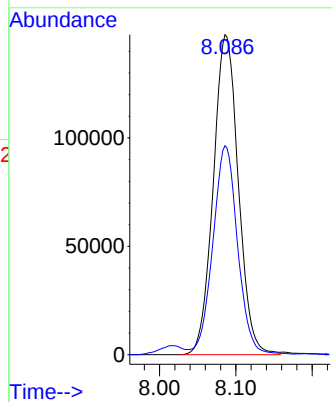
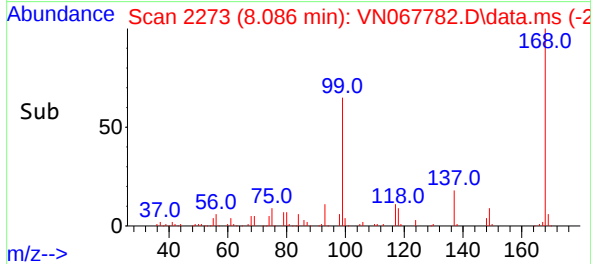
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



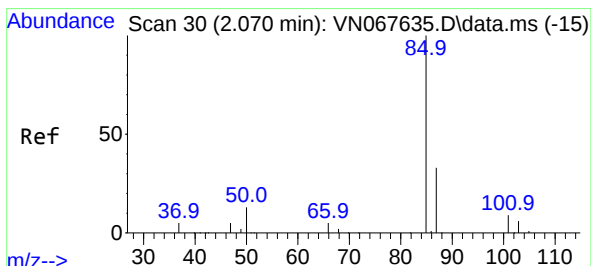
Tgt Ion: 168 Resp: 337062
Ion Ratio Lower Upper
168 100
99 64.8 62.9 94.3



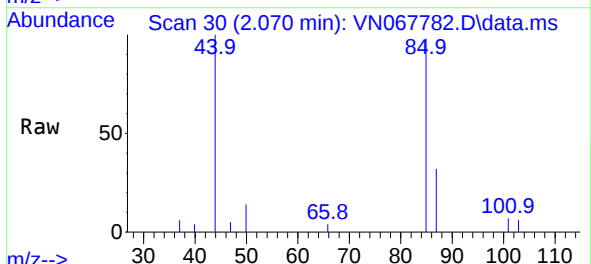
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

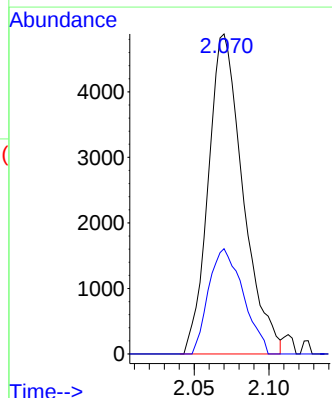
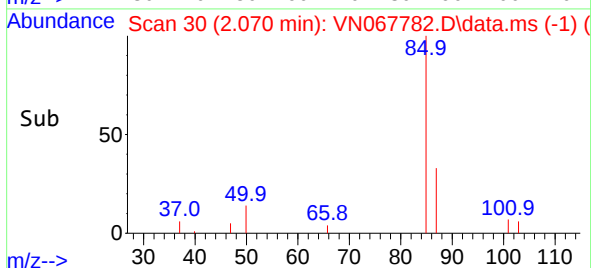
MMDadoda
7/19/2021 5:54:07 PM

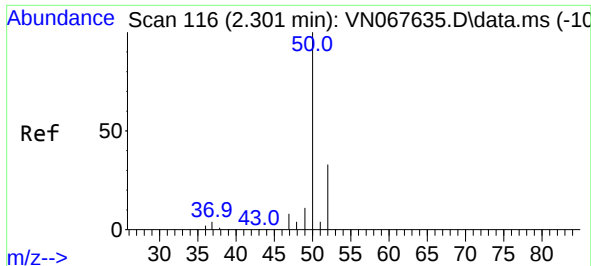


#2
Dichlorodifluoromethane
Concen: 2.753 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



Tgt Ion: 85 Resp: 7887
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2





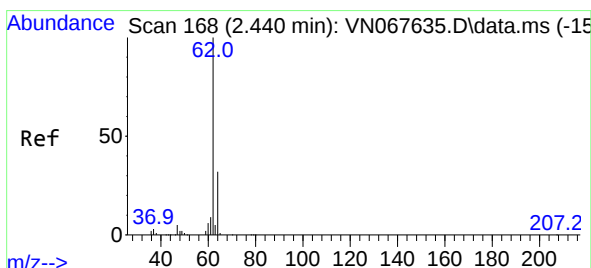
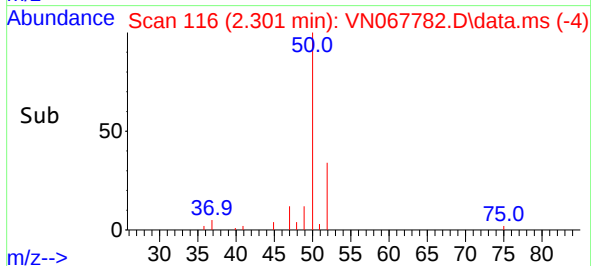
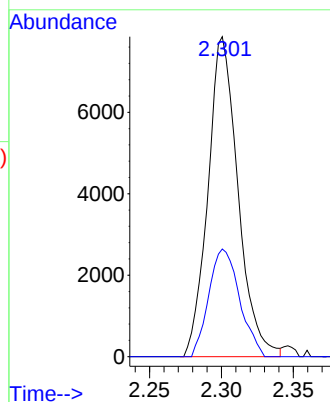
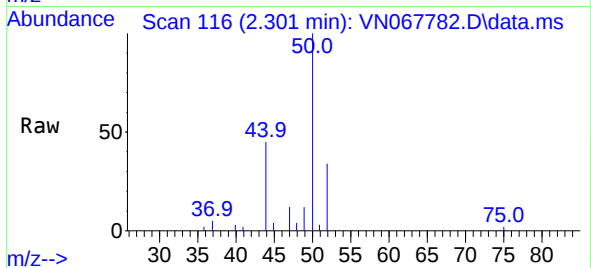
#3
Chloromethane
Concen: 2.516 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 50 Resp: 11415
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

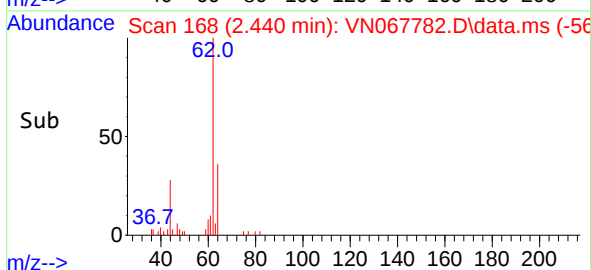
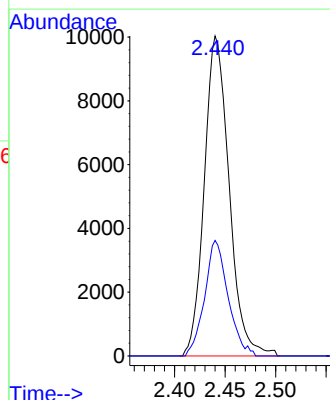
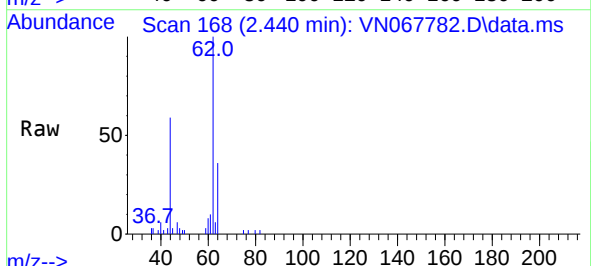
Manual Integrations
APPROVED

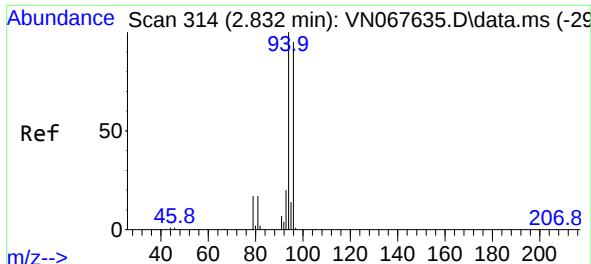
MMDadoda
7/19/2021 5:54:07 PM



#4
Vinyl Chloride
Concen: 2.512 ug/l
RT: 2.440 min Scan# 168
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

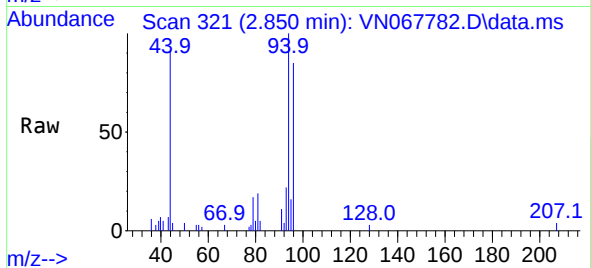
Tgt Ion: 62 Resp: 17205
Ion Ratio Lower Upper
62 100
64 36.1 24.4 36.6





#5
Bromomethane
Concen: 3.049 ug/l
RT: 2.850 min Scan# 321
Delta R.T. 0.018 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

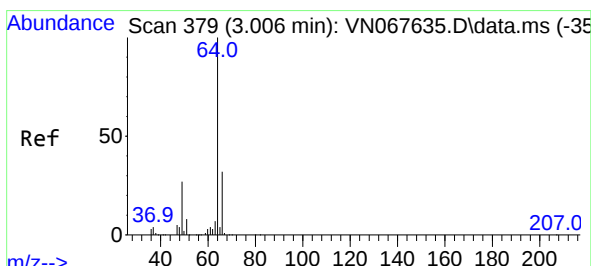
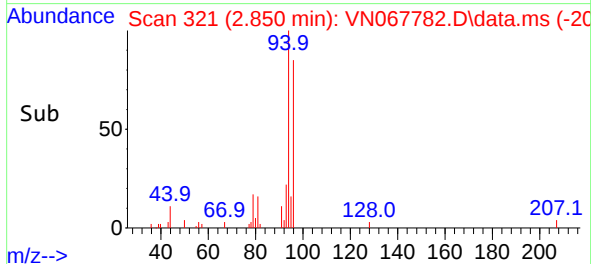
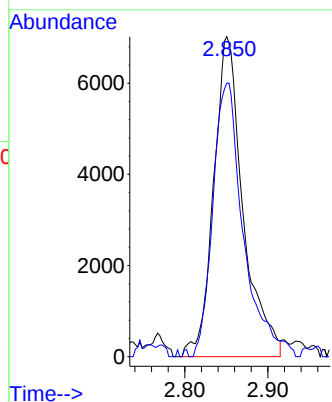
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion: 94 Resp: 17231
Ion Ratio Lower Upper
94 100
96 85.5 73.7 110.5

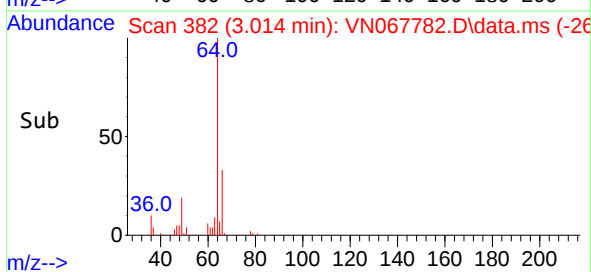
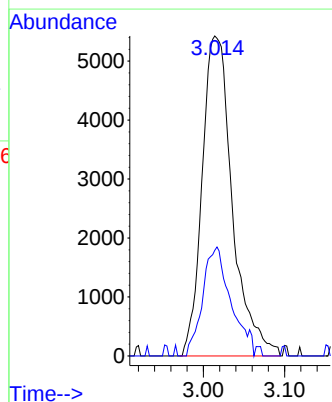
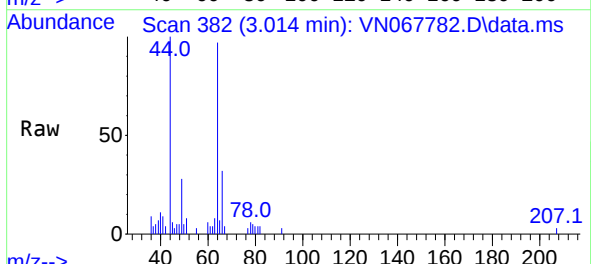
Manual Integrations
APPROVED

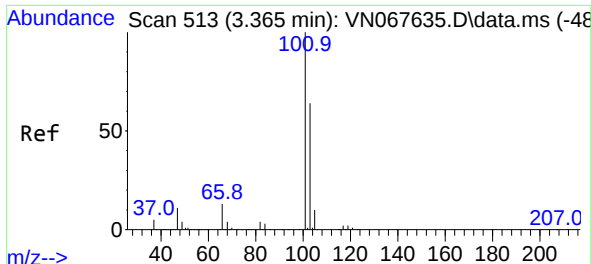
MMDadoda
7/19/2021 5:54:07 PM



#6
Chloroethane
Concen: 2.764 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.008 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 64 Resp: 14024
Ion Ratio Lower Upper
64 100
66 33.0 24.7 37.1





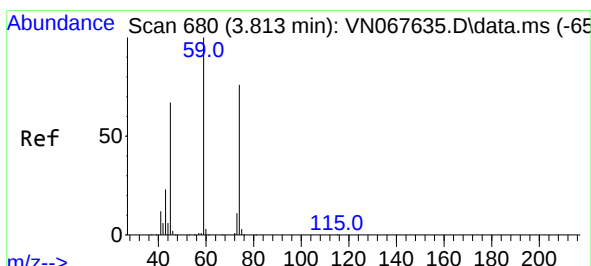
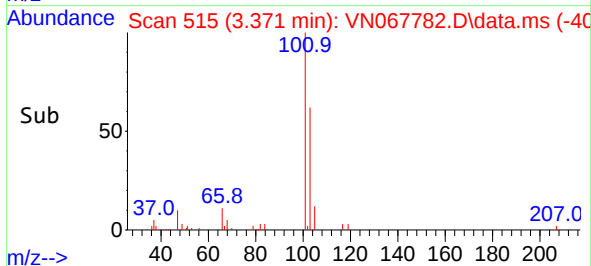
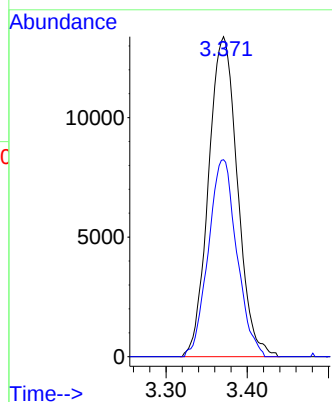
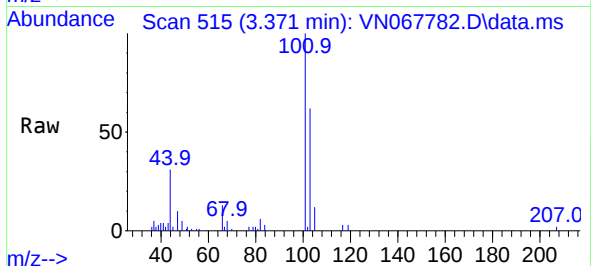
#7
Trichlorofluoromethane
Concen: 2.607 ug/l
RT: 3.371 min Scan# 515
Delta R.T. 0.006 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 101 Resp: 33133
Ion Ratio Lower Upper
101 100
103 61.6 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

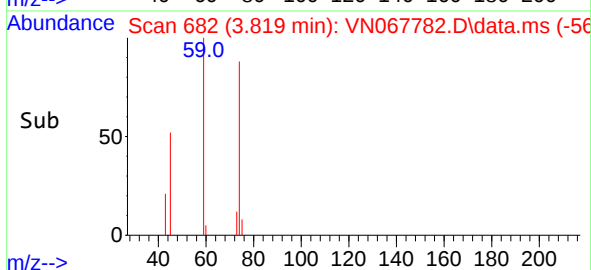
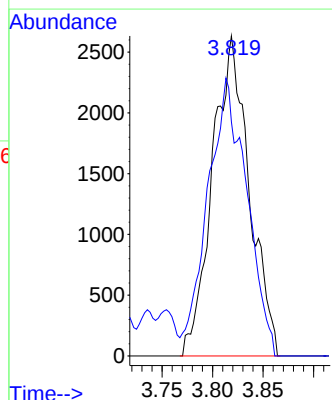
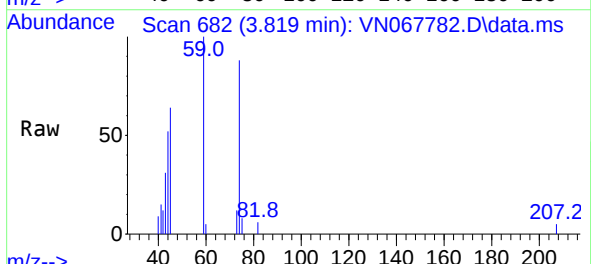
Manual Integrations
APPROVED

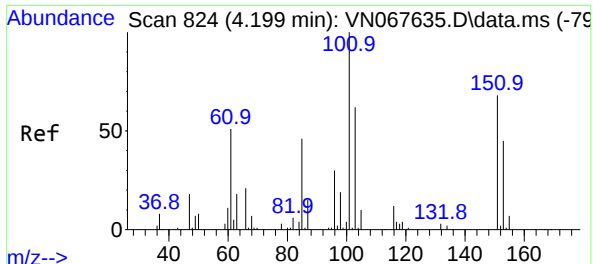
MMDadoda
7/19/2021 5:54:07 PM



#8
Diethyl Ether
Concen: 2.446 ug/l
RT: 3.819 min Scan# 682
Delta R.T. 0.006 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 74 Resp: 6668
Ion Ratio Lower Upper
74 100
45 92.4 50.2 150.7





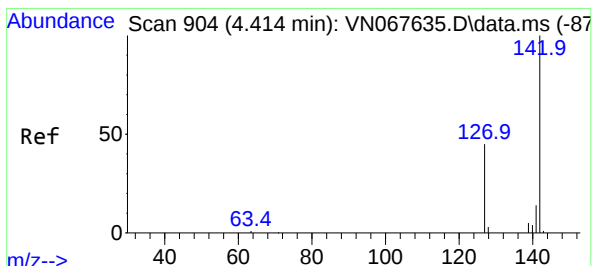
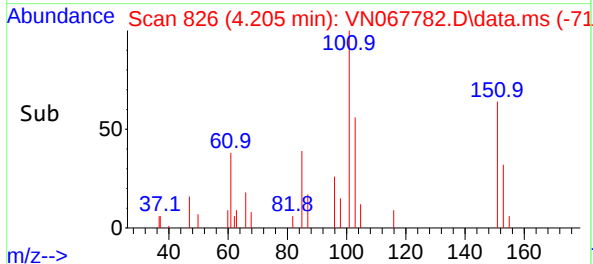
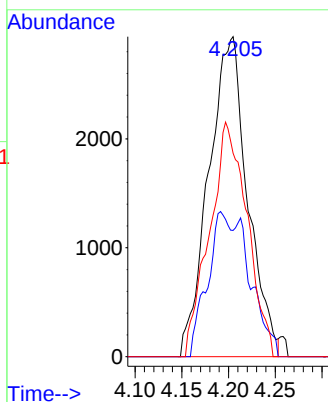
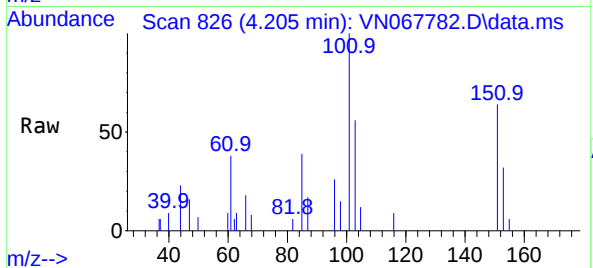
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.720 ug/l
RT: 4.205 min Scan# 826
Delta R.T. 0.006 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion:101 Resp: 8497
Ion Ratio Lower Upper
101 100
85 28.2 39.6 59.4#
151 70.9 54.1 81.1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

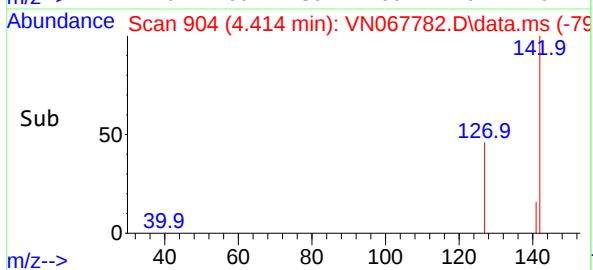
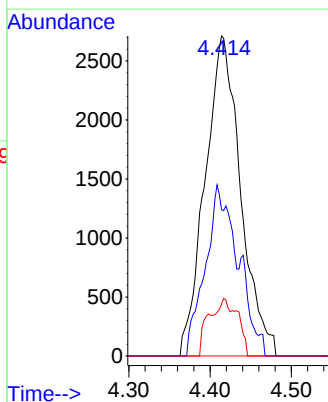
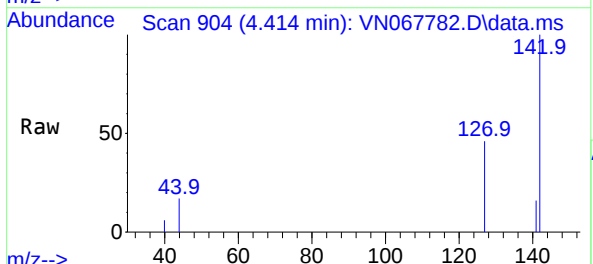
Manual Integrations
APPROVED

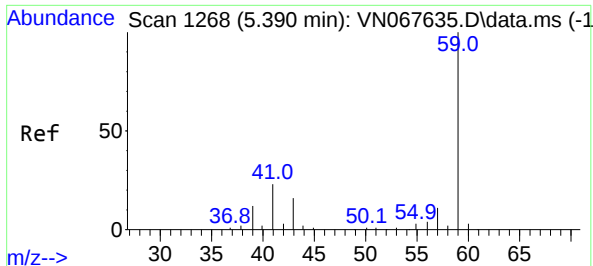
MMDadoda
7/19/2021 5:54:07 PM



#10
Methyl Iodide
Concen: 2.214 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion:142 Resp: 8237
Ion Ratio Lower Upper
142 100
127 39.5 43.1 64.7#
141 9.2 11.4 17.0#





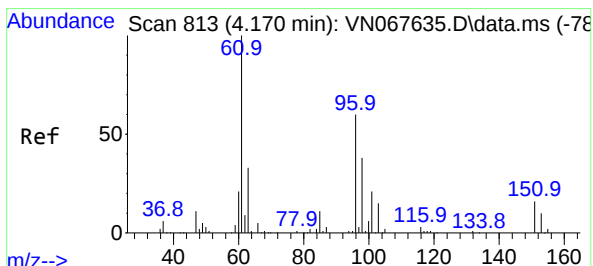
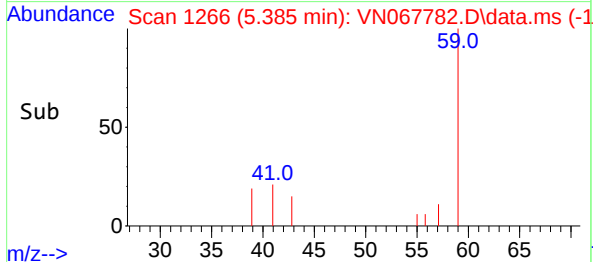
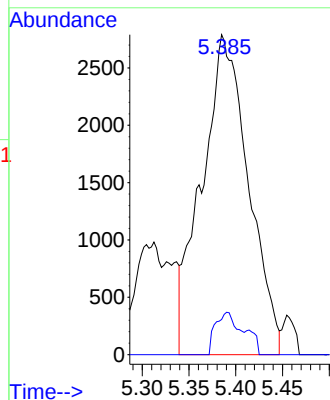
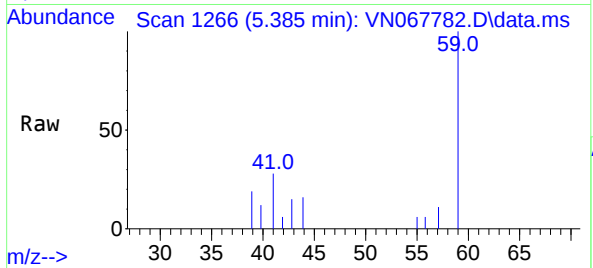
#11
Tert butyl alcohol
Concen: 13.228 ug/l m
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 59 Resp: 9683
Ion Ratio Lower Upper
59 100
57 6.4 8.7 13.1#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

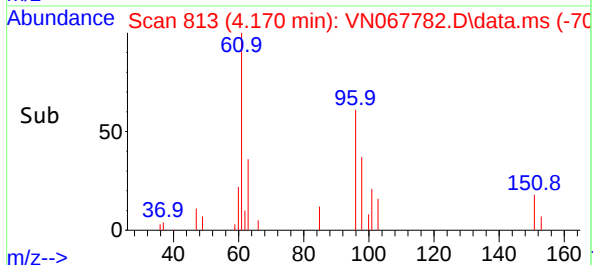
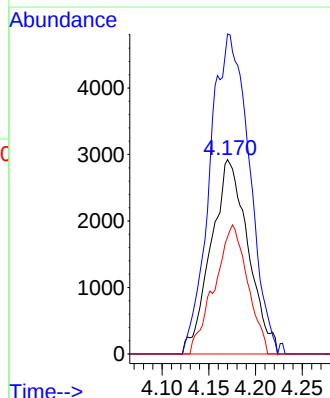
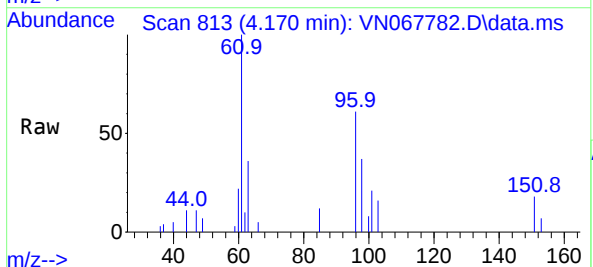
Manual Integrations
APPROVED

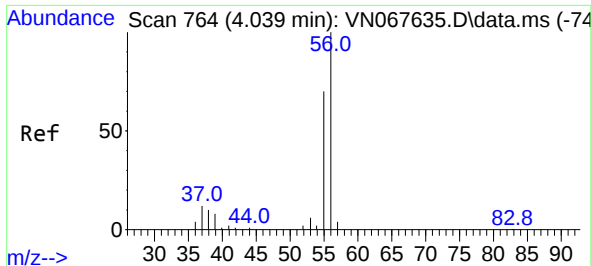
MMDadoda
7/19/2021 5:54:07 PM



#12
1,1-Dichloroethene
Concen: 2.689 ug/l
RT: 4.170 min Scan# 813
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 96 Resp: 8058
Ion Ratio Lower Upper
96 100
61 164.5 152.6 229.0
98 60.3 50.9 76.3





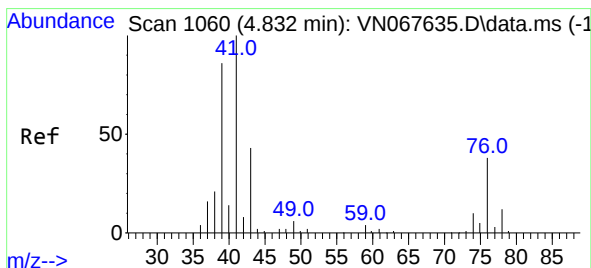
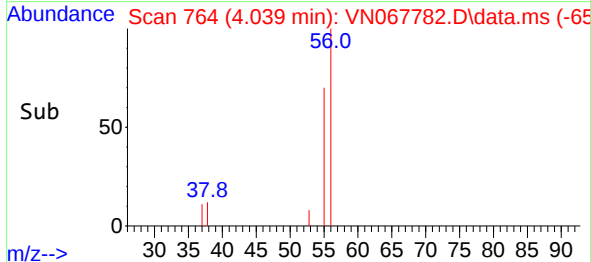
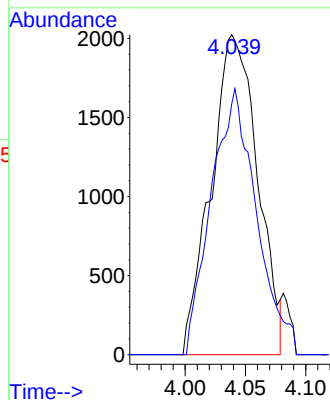
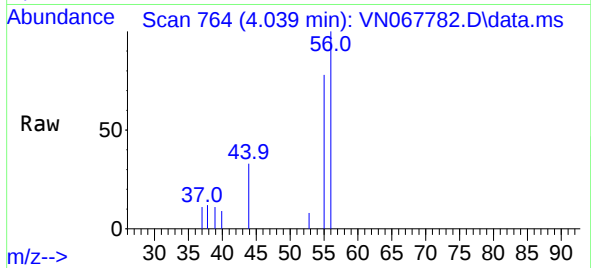
#13
Acrolein
Concen: 13.779 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 56 Resp: 5417
Ion Ratio Lower Upper
56 100
55 81.0 57.4 86.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

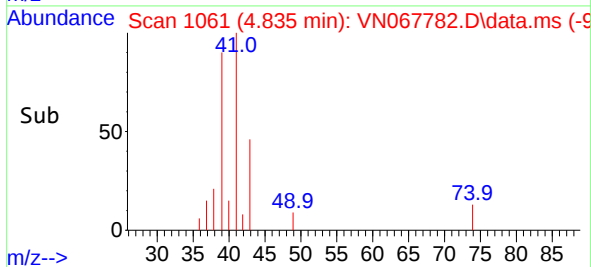
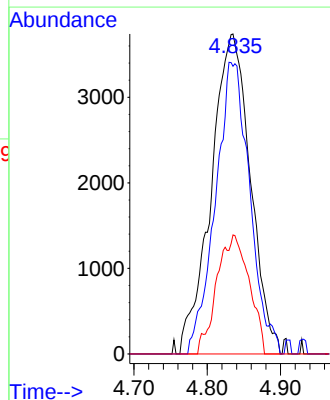
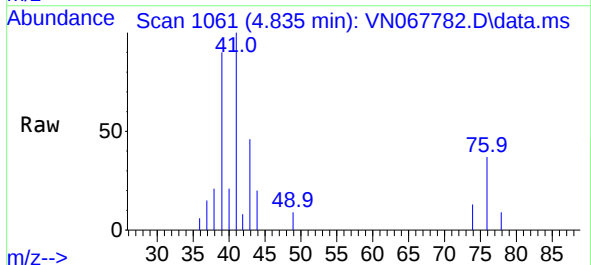
Manual Integrations
APPROVED

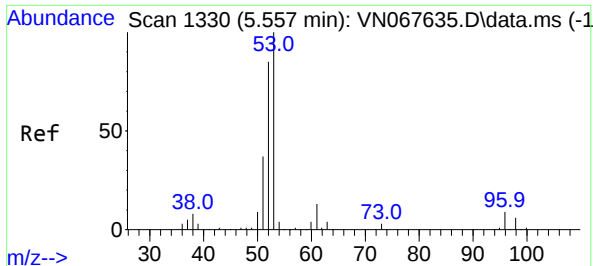
MMDadoda
7/19/2021 5:54:07 PM



#14
Allyl chloride
Concen: 2.521 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 41 Resp: 13891
Ion Ratio Lower Upper
41 100
39 80.0 60.9 91.3
76 11.5 24.3 36.5#





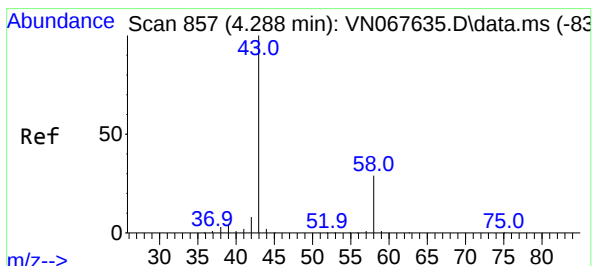
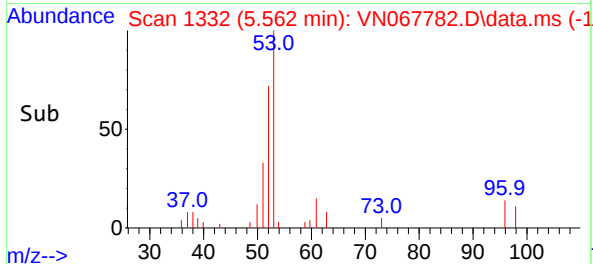
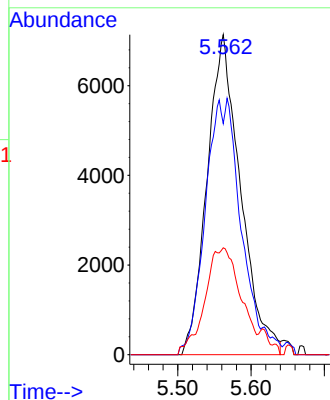
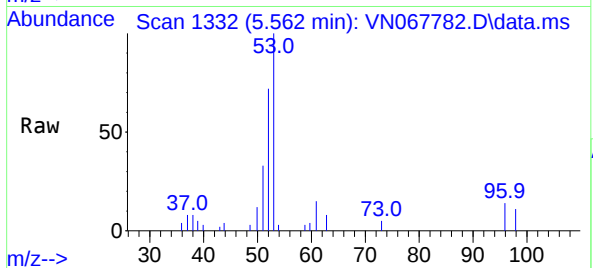
#15
Acrylonitrile
Concen: 12.441 ug/l
RT: 5.562 min Scan# 1332
Delta R.T. 0.005 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion:	53	Resp:	22588
Ion	Ratio	Lower	Upper
53	100		
52	43.7	66.2	99.2#
51	35.5	30.2	45.4

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

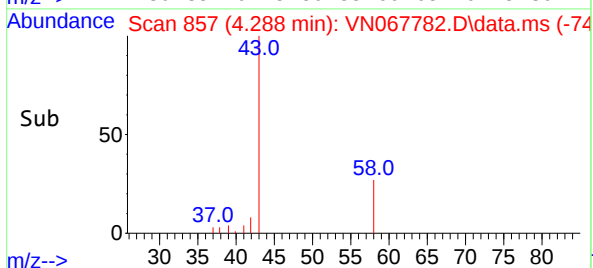
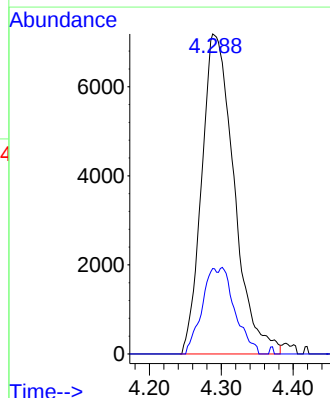
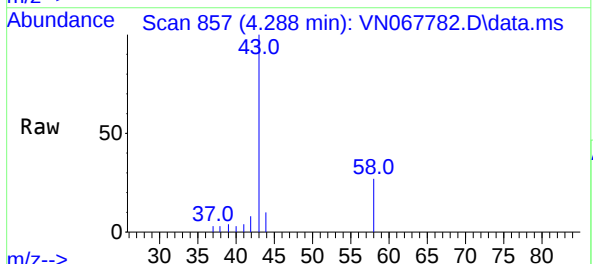
Manual Integrations
APPROVED

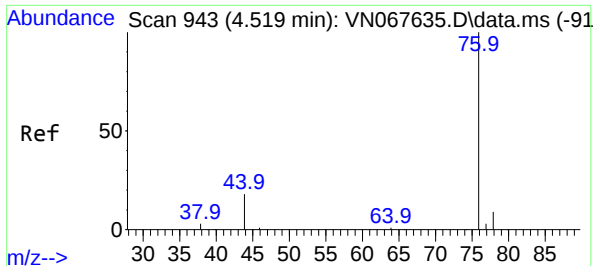
MMDadoda
7/19/2021 5:54:07 PM



#16
Acetone
Concen: 14.003 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

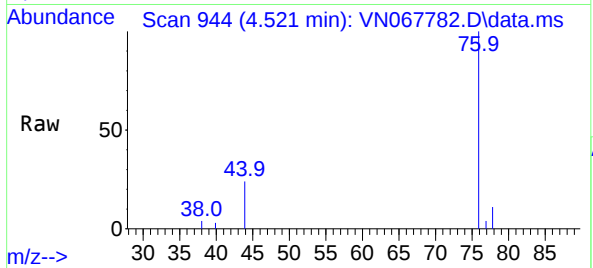
Tgt Ion:	43	Resp:	22445
Ion	Ratio	Lower	Upper
43	100		
58	26.7	21.2	31.8





#17
Carbon Disulfide
Concen: 2.379 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

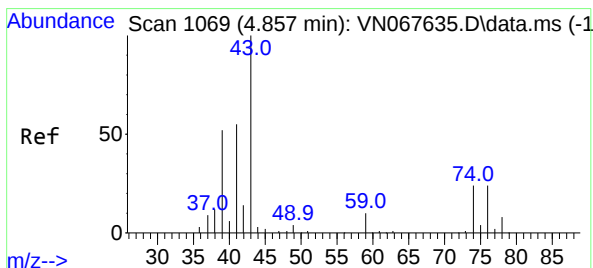
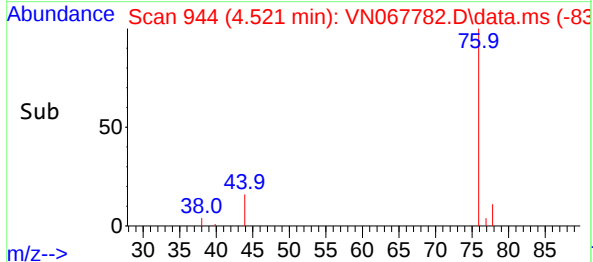
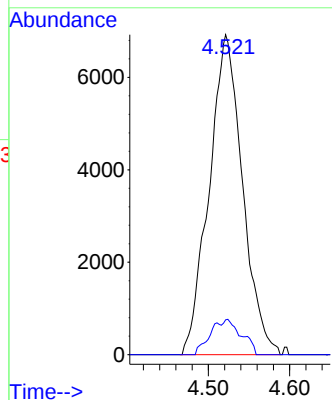
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion: 76 Resp: 19748
Ion Ratio Lower Upper
76 100
78 10.9 7.7 11.5

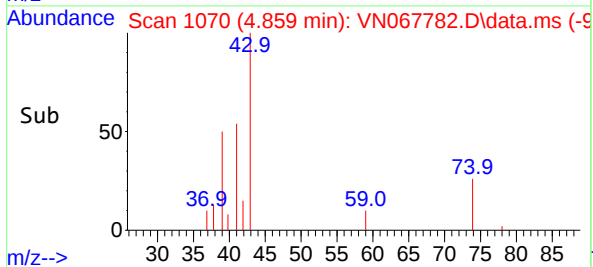
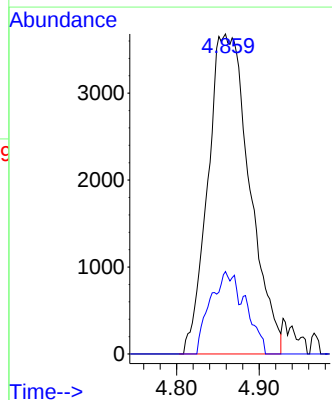
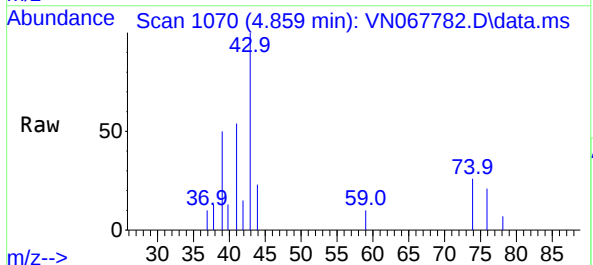
Manual Integrations
APPROVED

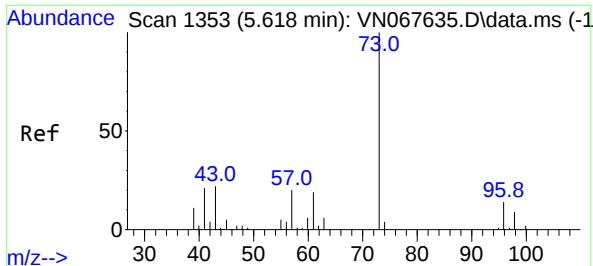
MMDadoda
7/19/2021 5:54:07 PM



#18
Methyl Acetate
Concen: 2.861 ug/l m
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 43 Resp: 12882
Ion Ratio Lower Upper
43 100
74 16.8 17.4 26.0#





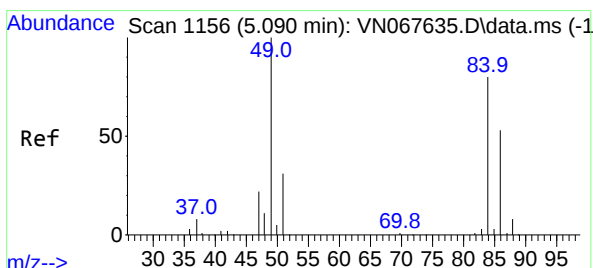
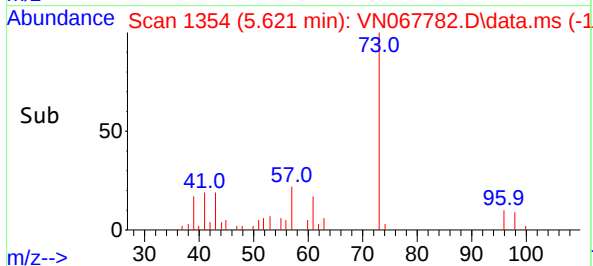
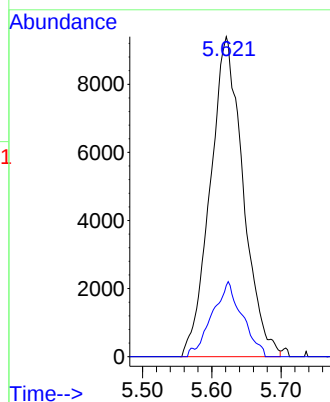
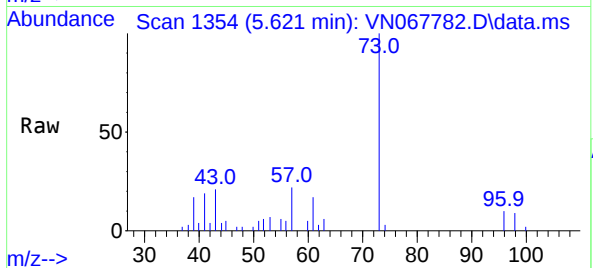
#19
Methyl tert-butyl Ether
Concen: 2.497 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 73 Resp: 31016
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.6

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

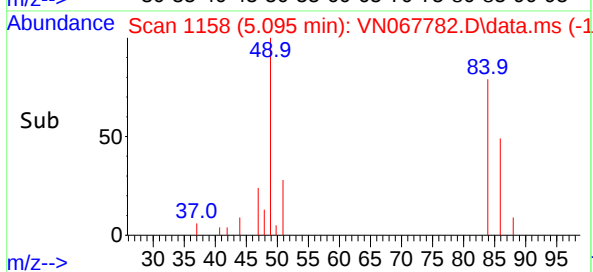
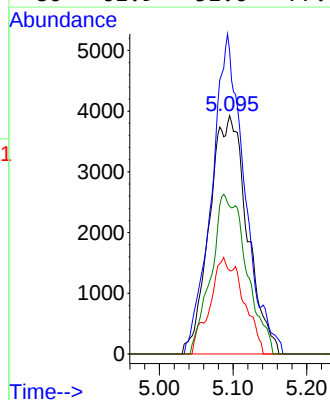
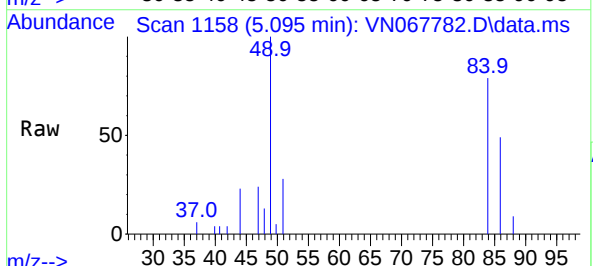
Manual Integrations
APPROVED

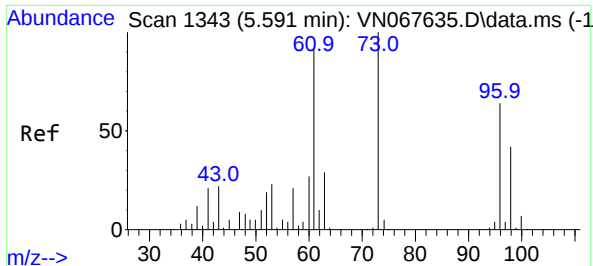
MMDadoda
7/19/2021 5:54:07 PM



#20
Methylene Chloride
Concen: 3.289 ug/l m
RT: 5.095 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 84 Resp: 13943
Ion Ratio Lower Upper
84 100
49 127.1 110.9 166.3
51 35.0 32.6 49.0
86 61.9 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 2.465 ug/l
RT: 5.591 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

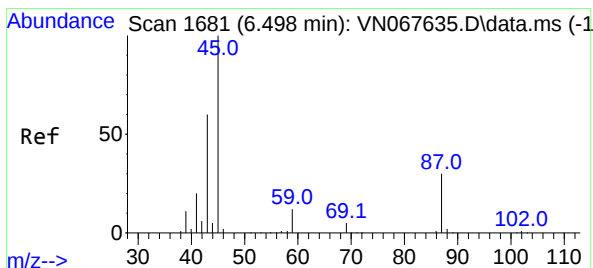
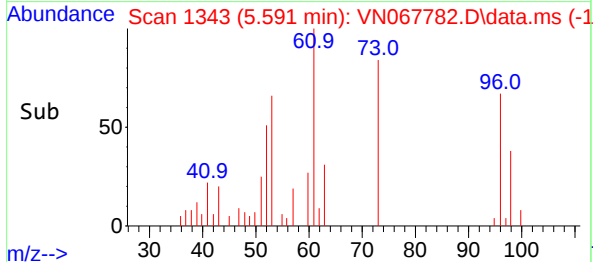
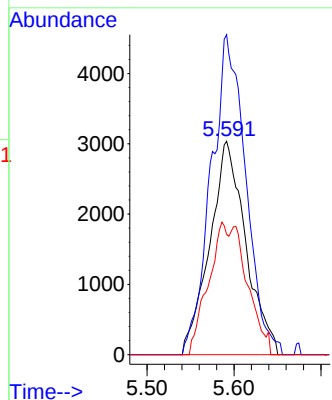
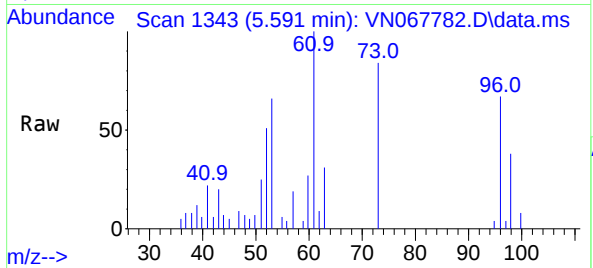
Tgt Ion: 96 Resp: 8734

Ion	Ratio	Lower	Upper
96	100		
61	149.9	123.5	185.3
98	56.4	48.6	72.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

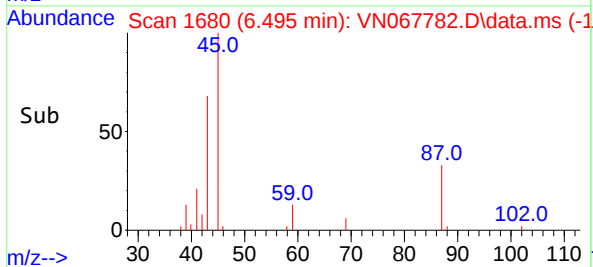
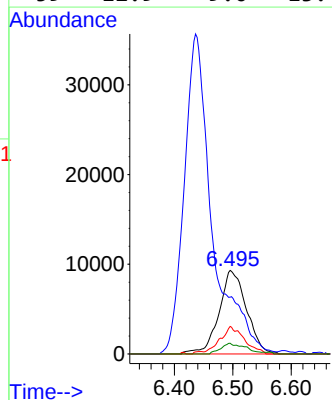
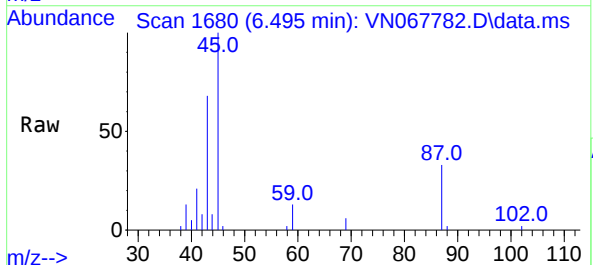
MMDadoda
7/19/2021 5:54:07 PM

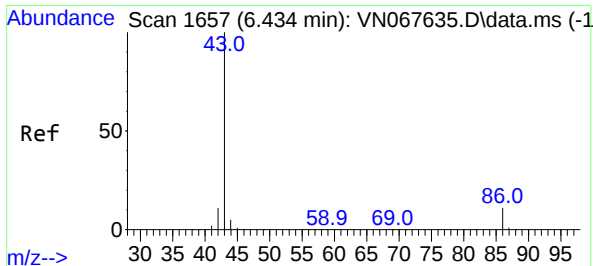


#22
Diisopropyl ether
Concen: 2.434 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 45 Resp: 30429

Ion	Ratio	Lower	Upper
45	100		
43	64.6	49.4	74.2
87	33.0	20.9	31.3#
59	12.9	9.0	13.4





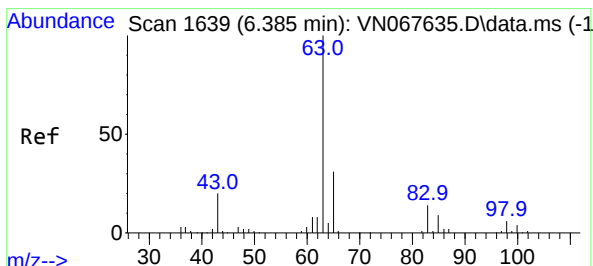
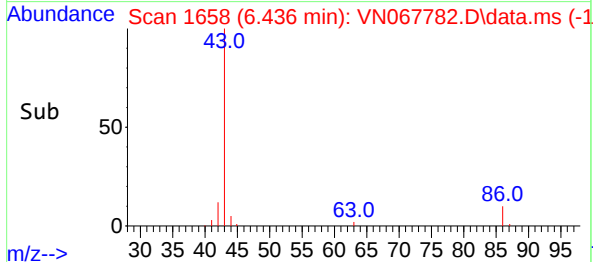
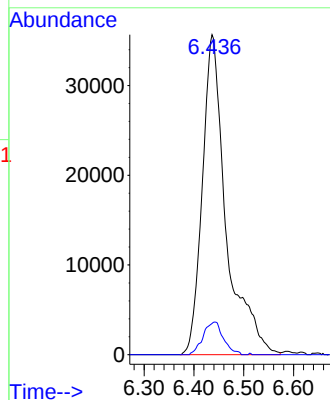
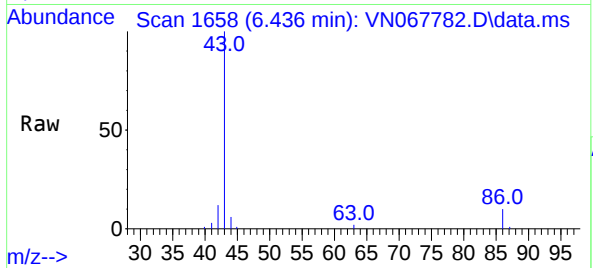
#23
 Vinyl Acetate
 Concen: 11.106 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN067782.D
 Acq: 16 Jul 2021 19:00

Tgt Ion: 43 Resp: 118703
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.3 10.9

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

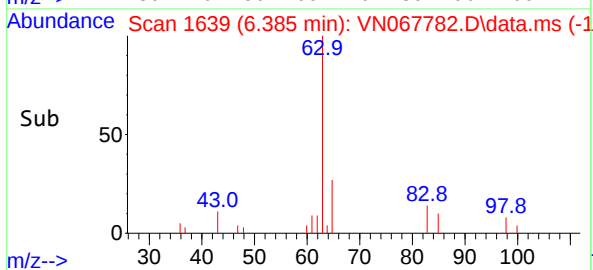
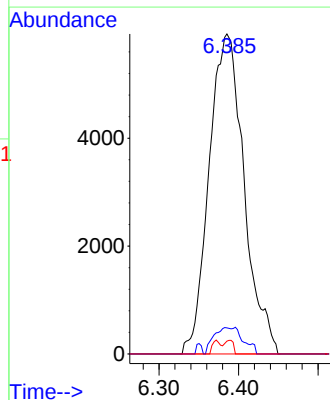
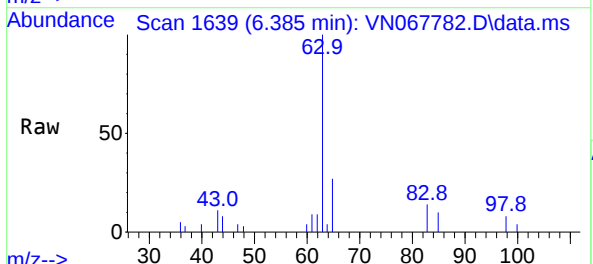
Manual Integrations
 APPROVED

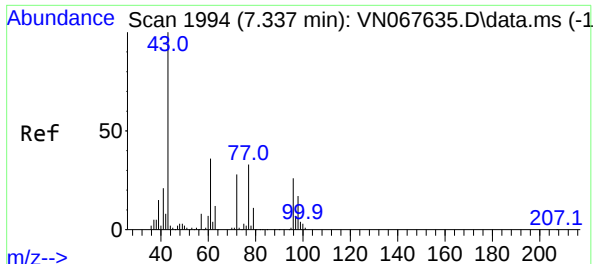
MMDadoda
 7/19/2021 5:54:07 PM



#24
 1,1-Dichloroethane
 Concen: 2.604 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN067782.D
 Acq: 16 Jul 2021 19:00

Tgt Ion: 63 Resp: 18148
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.0 9.0
 100 4.0 1.9 5.7





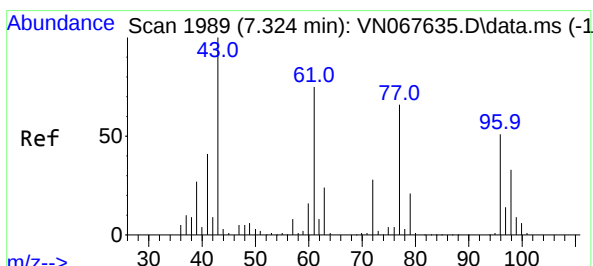
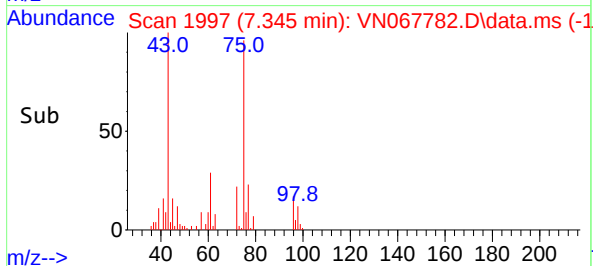
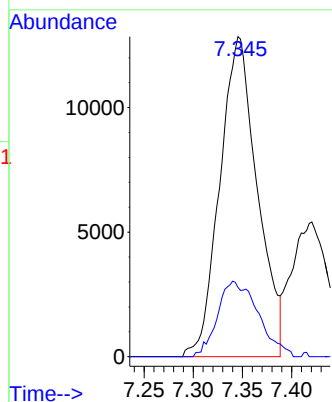
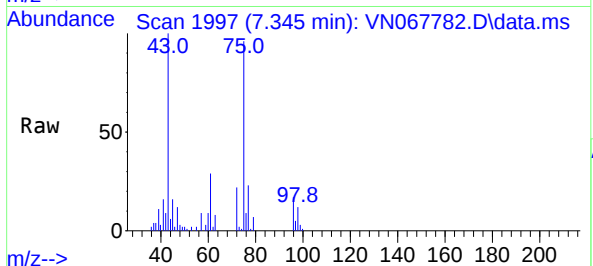
#25
2-Butanone
Concen: 12.820 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 43 Resp: 34122
Ion Ratio Lower Upper
43 100
72 21.6 19.7 29.5

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

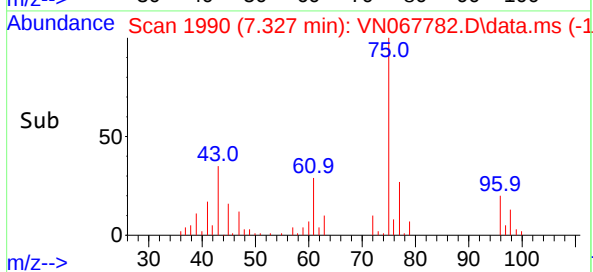
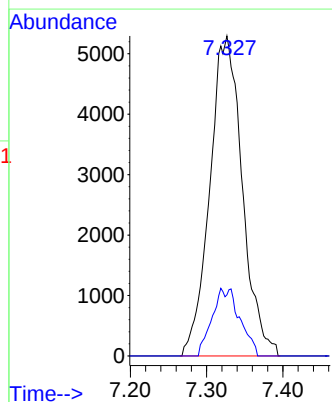
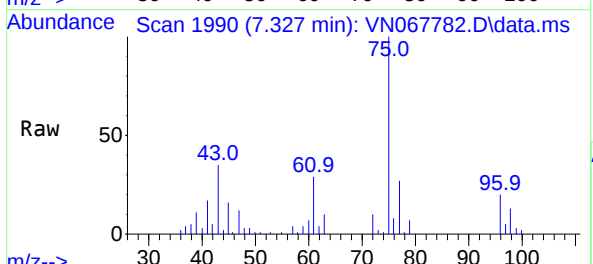
Manual Integrations
APPROVED

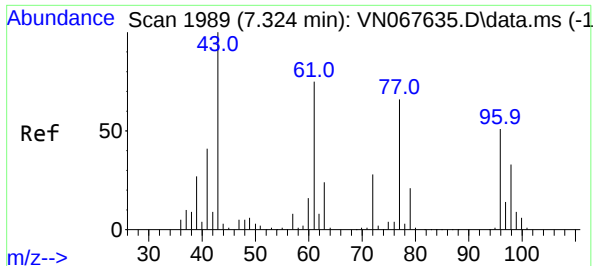
MMDadoda
7/19/2021 5:54:07 PM



#26
2,2-Dichloropropane
Concen: 2.572 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 77 Resp: 15666
Ion Ratio Lower Upper
77 100
97 8.8 9.8 29.3#





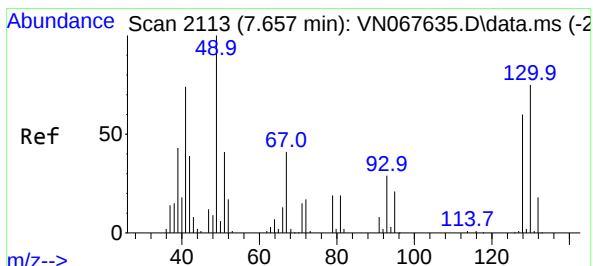
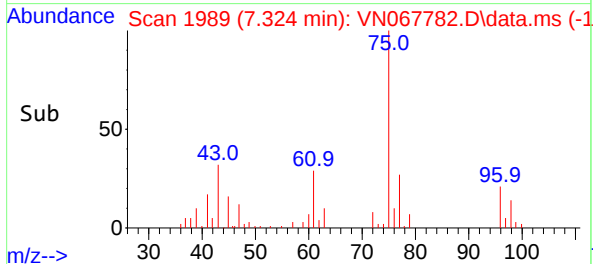
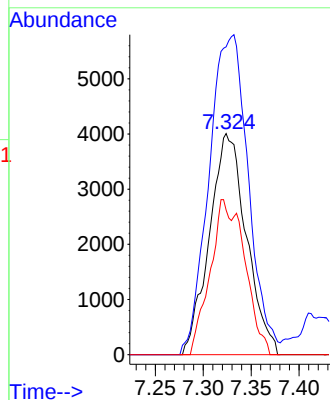
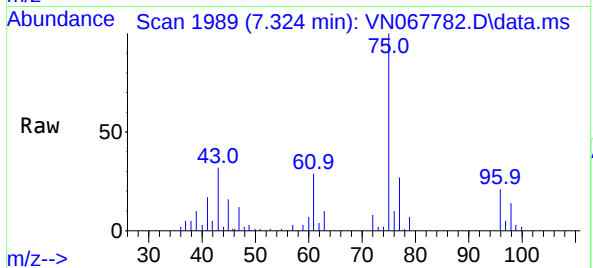
#27
cis-1,2-Dichloroethene
Concen: 2.425 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 96 Resp: 10752
Ion Ratio Lower Upper
96 100
61 154.1 0.0 338.8
98 39.3 0.0 129.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

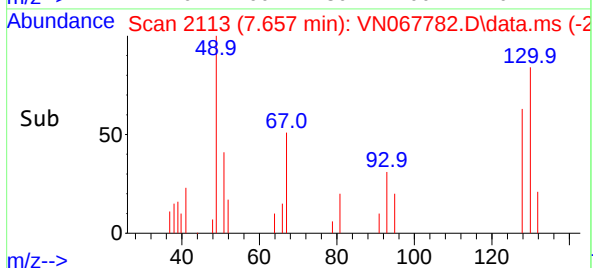
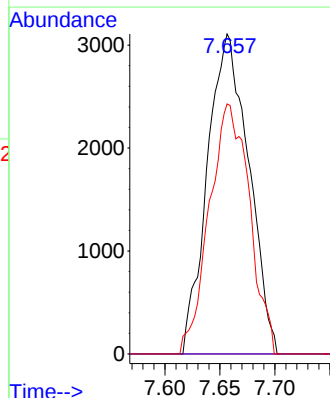
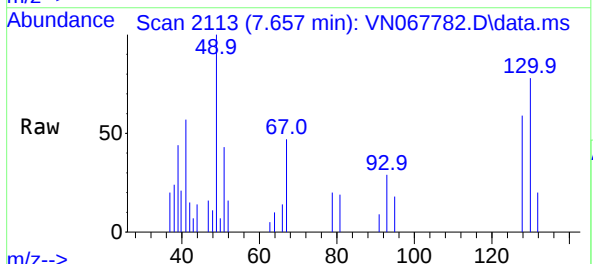
Manual Integrations
APPROVED

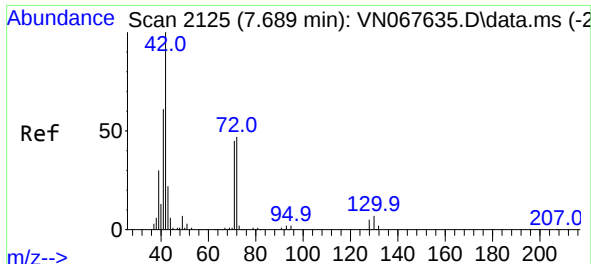
MMDadoda
7/19/2021 5:54:07 PM



#28
Bromochloromethane
Concen: 2.387 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

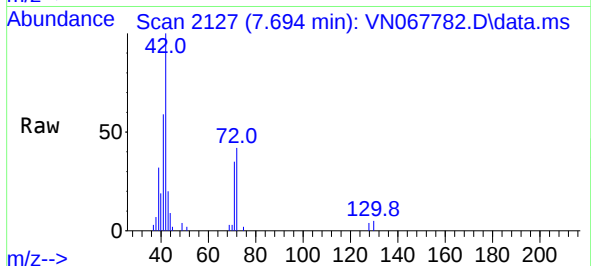
Tgt Ion: 49 Resp: 8119
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 76.1 49.7 74.5#





#29
Tetrahydrofuran
Concen: 11.843 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.005 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

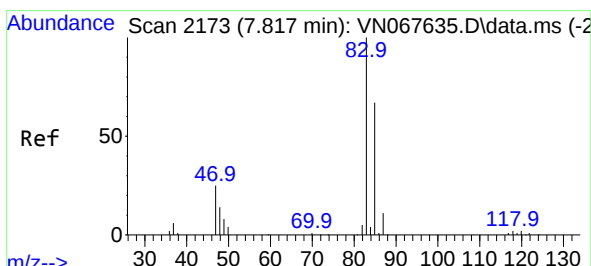
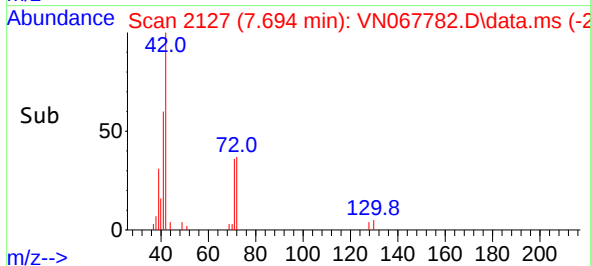
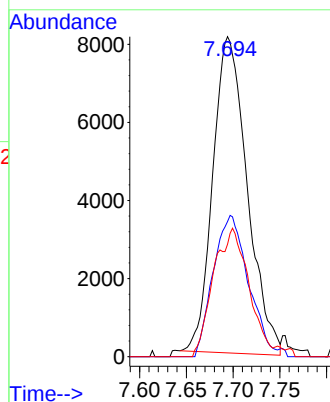
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion: 42 Resp: 20730
Ion Ratio Lower Upper
42 100
72 45.6 32.8 49.2
71 41.8 31.2 46.8

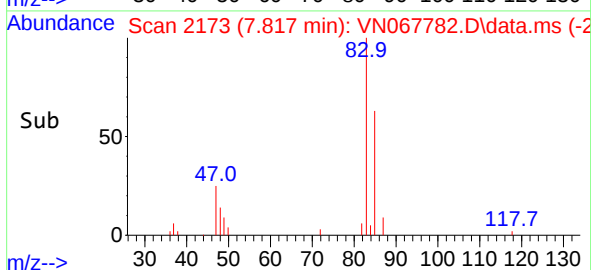
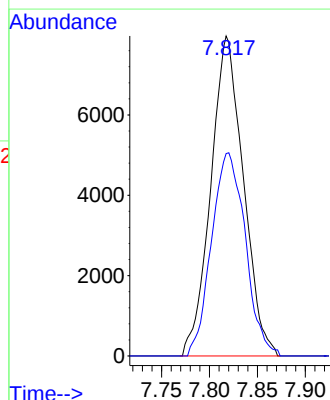
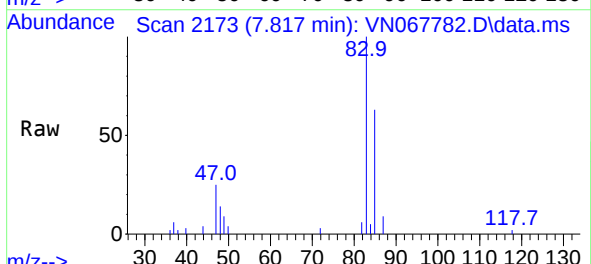
Manual Integrations
APPROVED

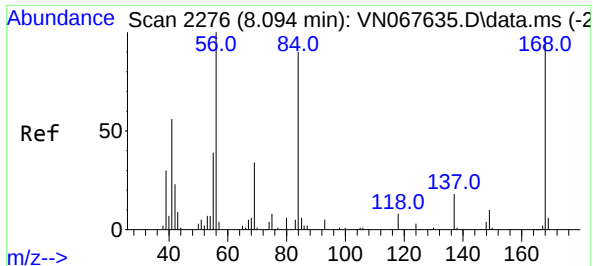
MMDadoda
7/19/2021 5:54:07 PM



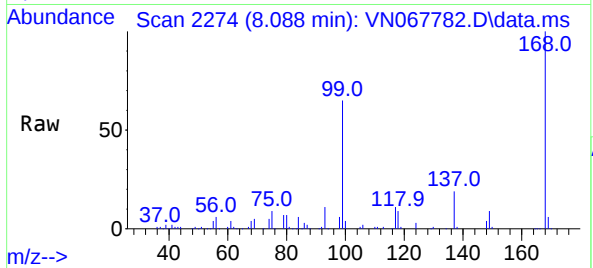
#30
Chloroform
Concen: 2.404 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 83 Resp: 18819
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3

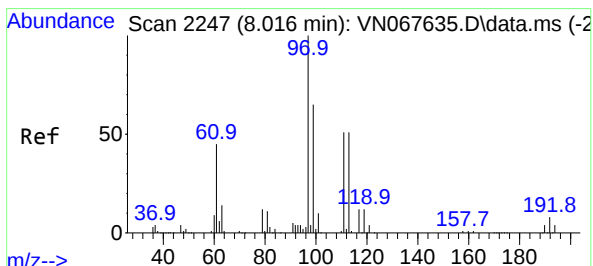
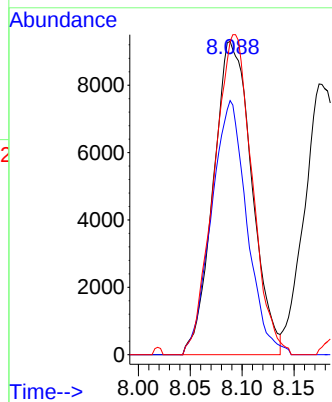
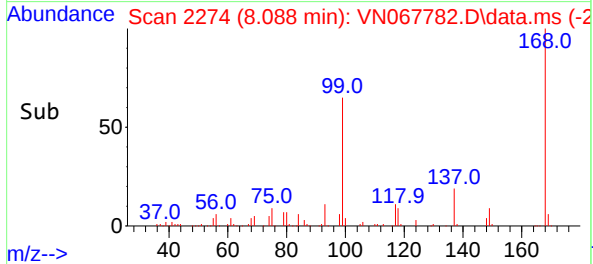




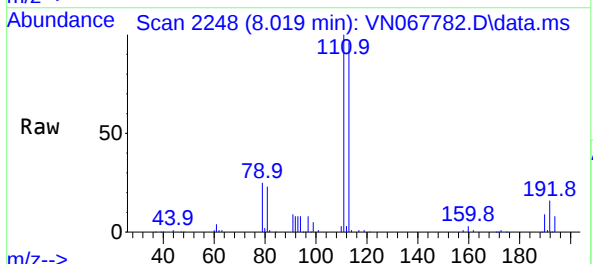
#31
Cyclohexane
Concen: 3.347 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



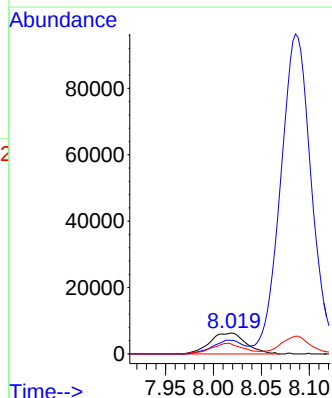
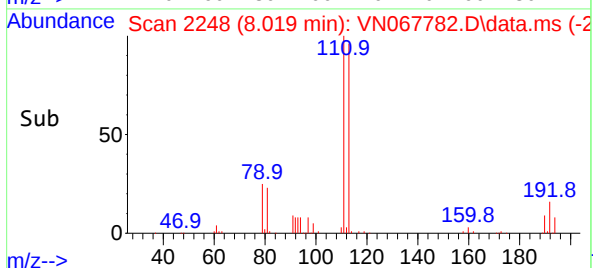
Tgt Ion: 56 Resp: 23909
Ion Ratio Lower Upper
56 100
69 81.1 27.3 40.9#
84 100.0 64.9 97.3#



#32
1,1,1-Trichloroethane
Concen: 2.447 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



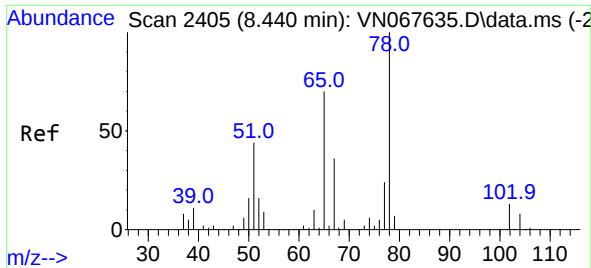
Tgt Ion: 97 Resp: 16610
Ion Ratio Lower Upper
97 100
99 53.5 50.2 75.2
61 44.8 38.2 57.2



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:54:07 PM



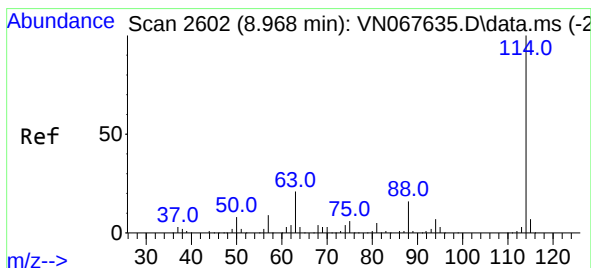
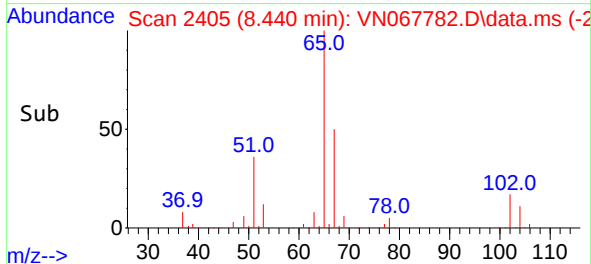
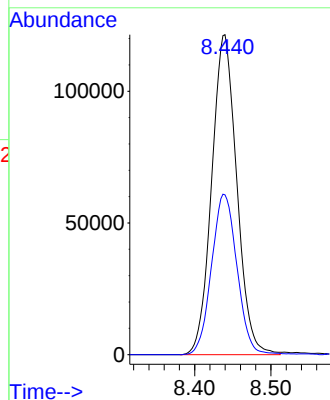
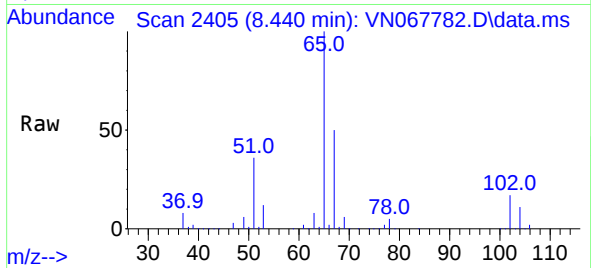
#33
1,2-Dichloroethane-d4
Concen: 54.495 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 65 Resp: 277598
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.6

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

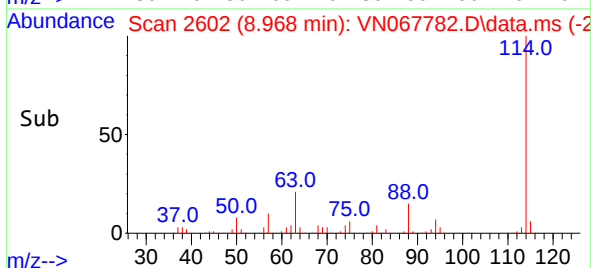
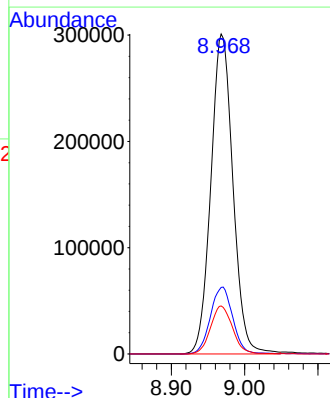
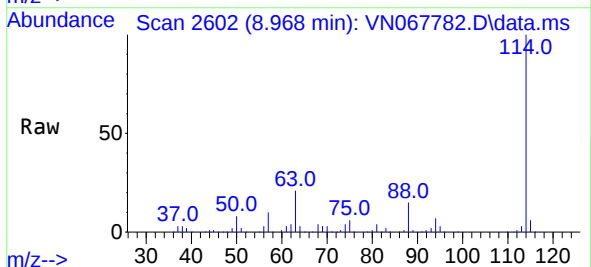
Manual Integrations
APPROVED

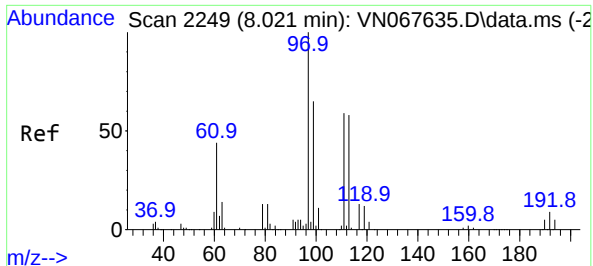
MMDadoda
7/19/2021 5:54:07 PM



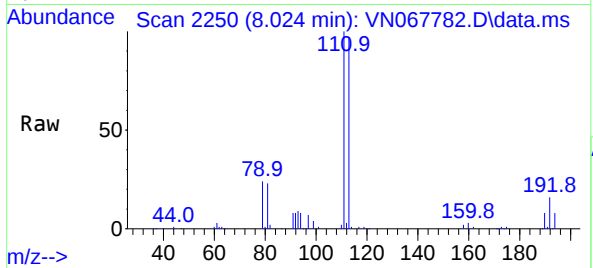
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 114 Resp: 629262
Ion Ratio Lower Upper
114 100
63 20.8 0.0 49.0
88 15.0 0.0 36.6

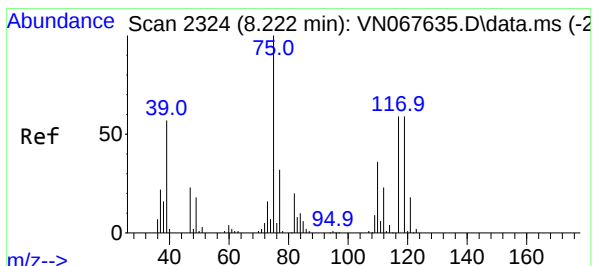
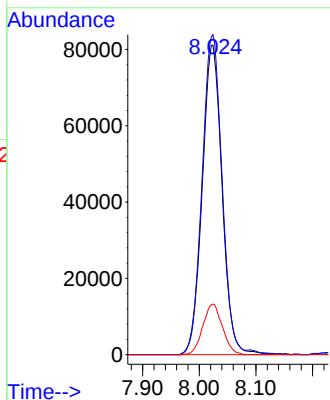
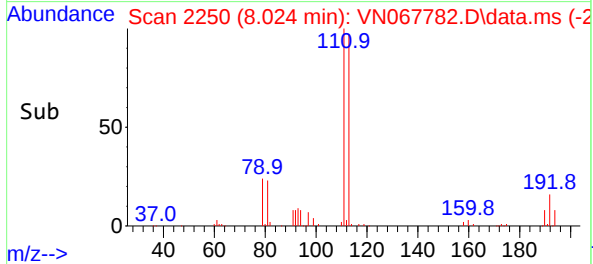




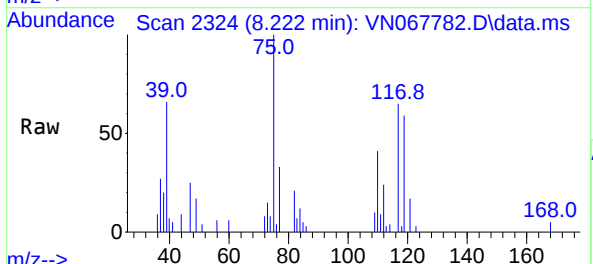
#35
Dibromofluoromethane
Concen: 51.959 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



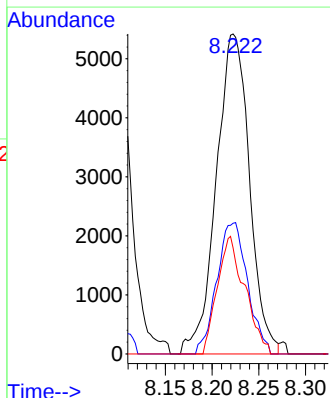
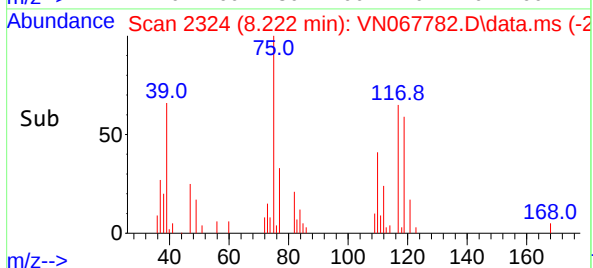
Tgt Ion: 113 Resp: 197539
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.8
192 16.1 13.4 20.0



#36
1,1-Dichloropropene
Concen: 2.293 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



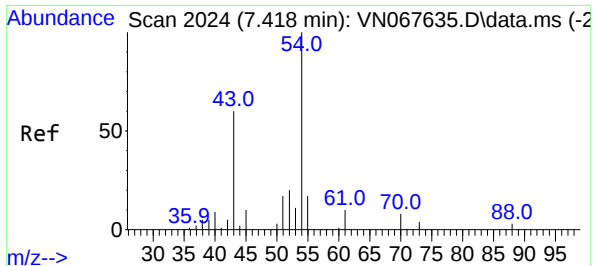
Tgt Ion: 75 Resp: 13406
Ion Ratio Lower Upper
75 100
110 37.9 15.7 47.0
77 30.4 24.6 37.0



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:54:07 PM



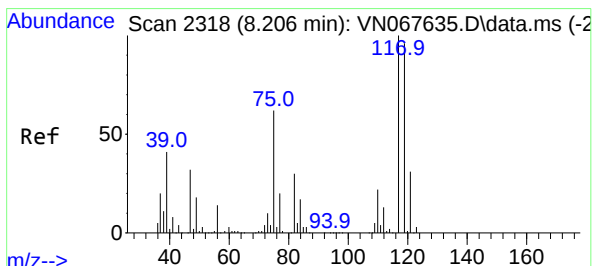
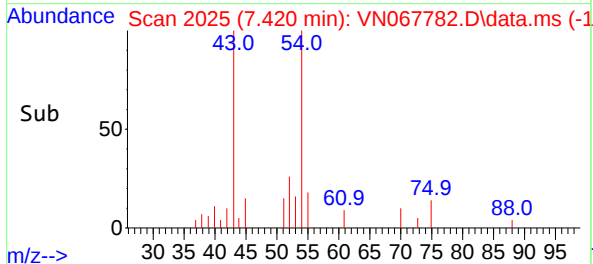
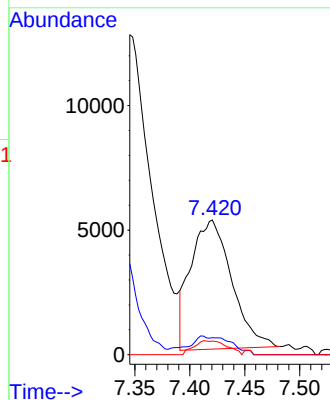
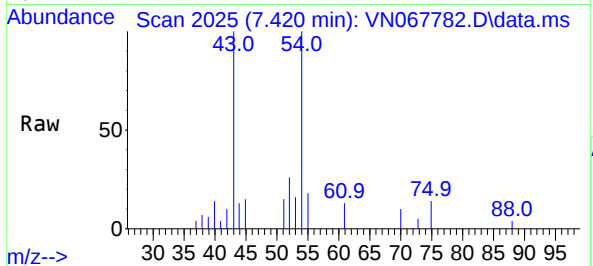
#37
Ethyl Acetate
Concen: 2.363 ug/l
RT: 7.420 min Scan# 2025
Delta R.T. 0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion:	43	Resp:	13381
Ion	Ratio	Lower	Upper
43	100		
61	4.1	10.6	16.0#
70	8.7	8.1	12.1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

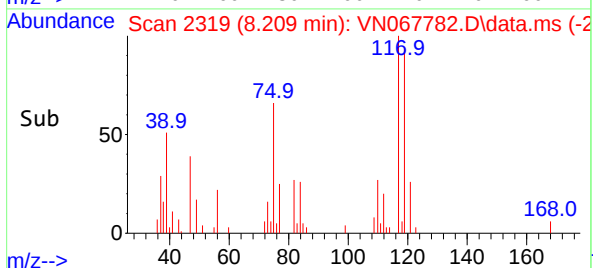
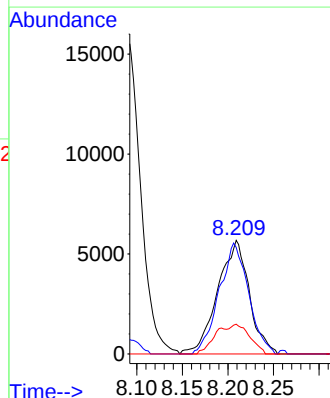
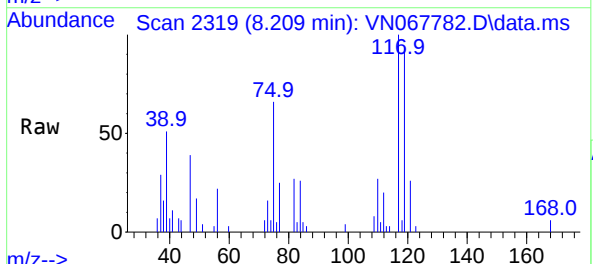
Manual Integrations
APPROVED

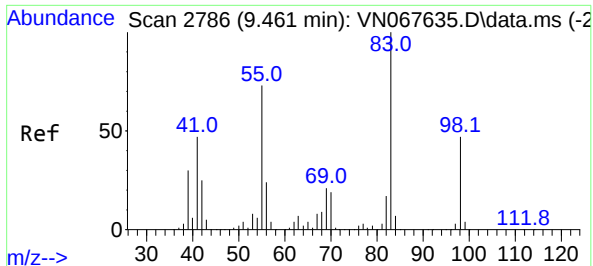
MMDadoda
7/19/2021 5:54:07 PM



#38
Carbon Tetrachloride
Concen: 2.367 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion:	117	Resp:	13649
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.4	113.2
121	26.1	23.5	35.3





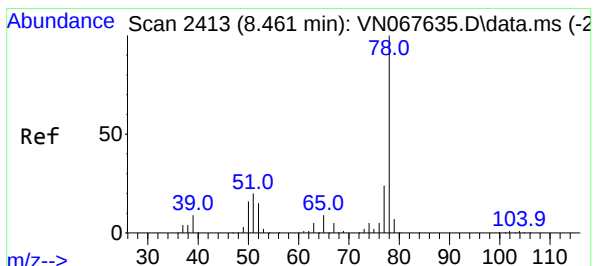
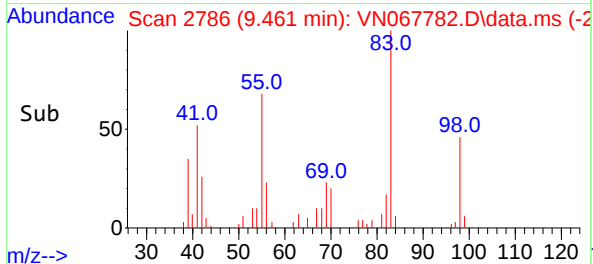
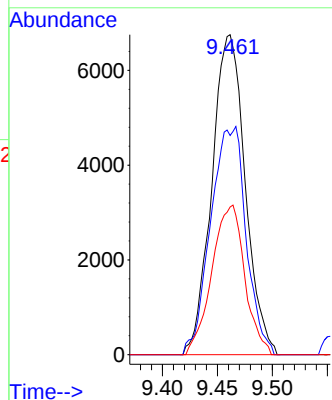
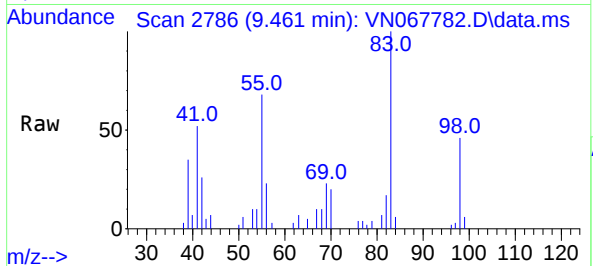
#39
Methylcyclohexane
Concen: 2.229 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 83 Resp: 14265
Ion Ratio Lower Upper
83 100
55 68.5 66.6 99.8
98 46.2 35.3 52.9

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

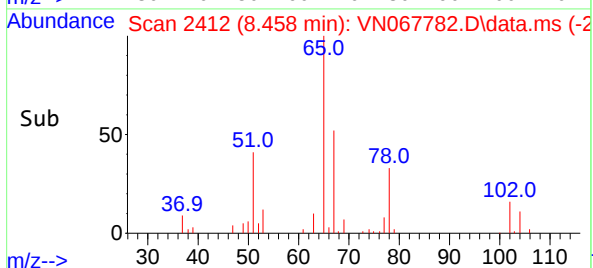
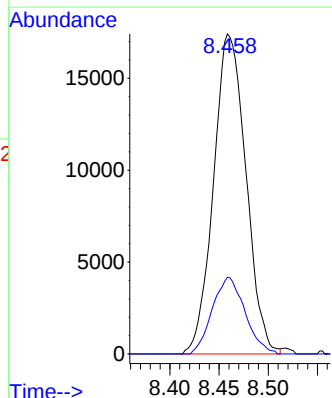
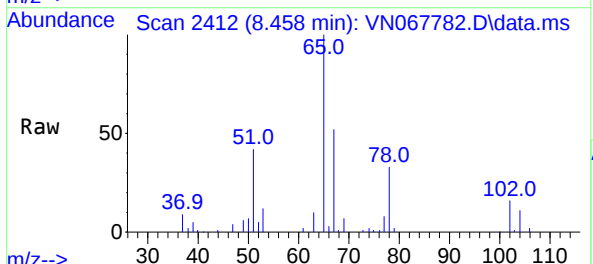
Manual Integrations
APPROVED

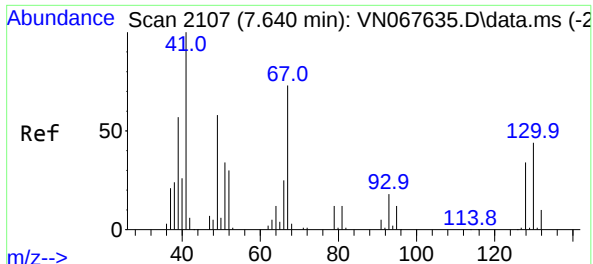
MMDadoda
7/19/2021 5:54:07 PM



#40
Benzene
Concen: 2.283 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 78 Resp: 39943
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3





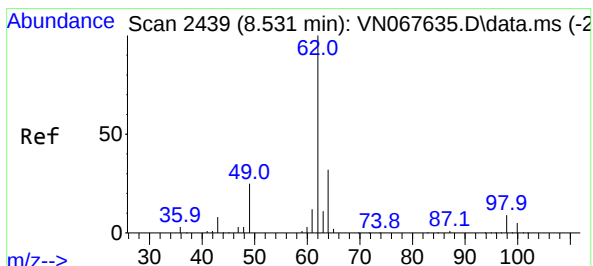
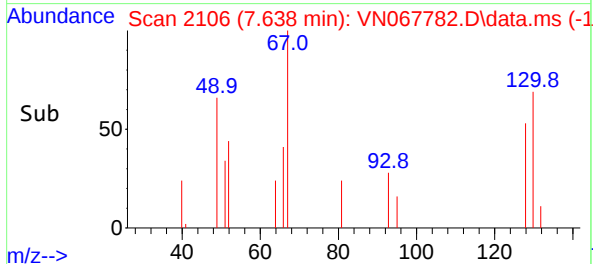
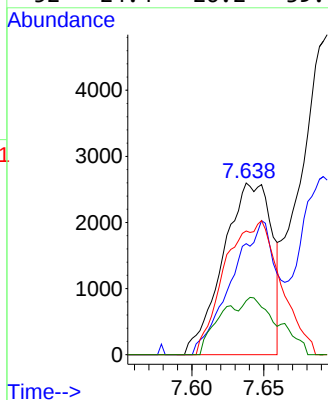
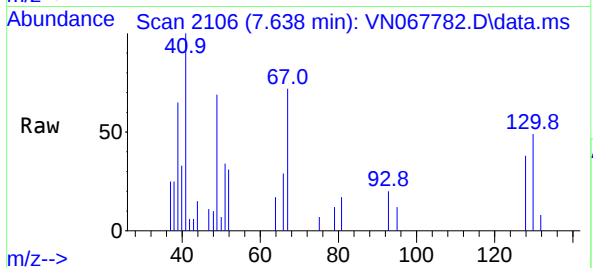
#41
Methacrylonitrile
Concen: 2.091 ug/l m
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 41	Resp: 6087
Ion Ratio	Lower Upper
41 100	
39 72.3	47.6 71.4#
67 89.8	57.7 86.5#
52 24.4	26.2 39.4#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

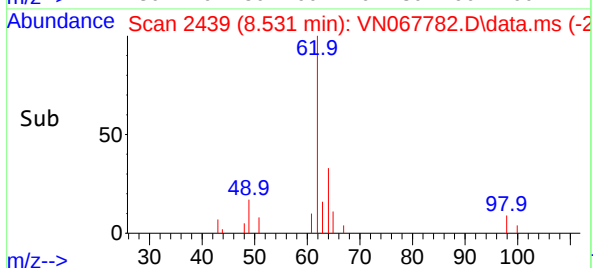
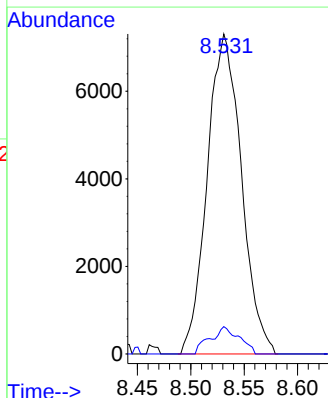
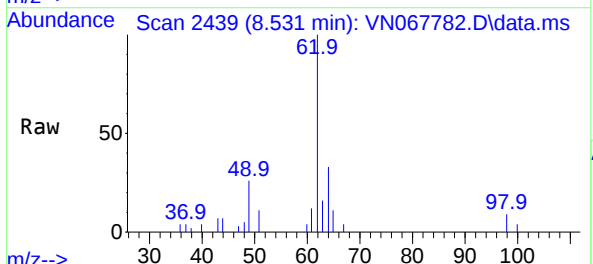
Manual Integrations
APPROVED

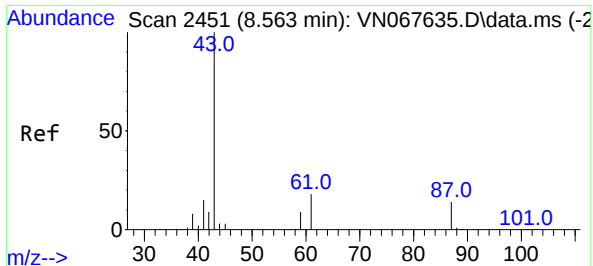
MMDadoda
7/19/2021 5:54:07 PM



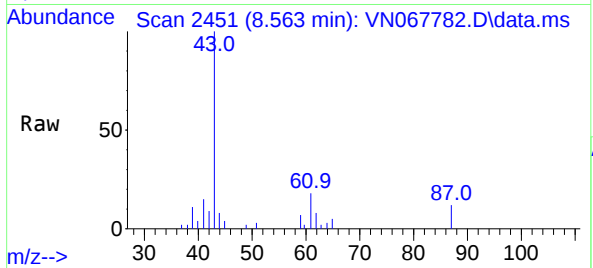
#42
1,2-Dichloroethane
Concen: 2.505 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 62	Resp: 16279
Ion Ratio	Lower Upper
62 100	
98 7.3	0.0 14.2

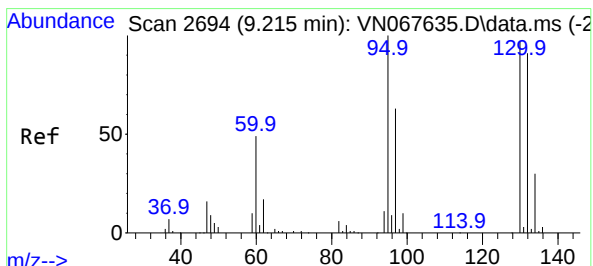
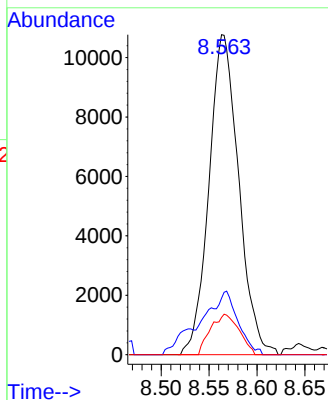
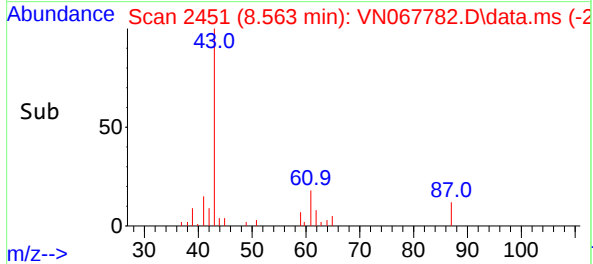




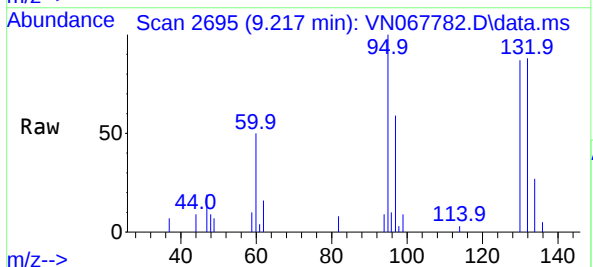
#43
Isopropyl Acetate
Concen: 2.331 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



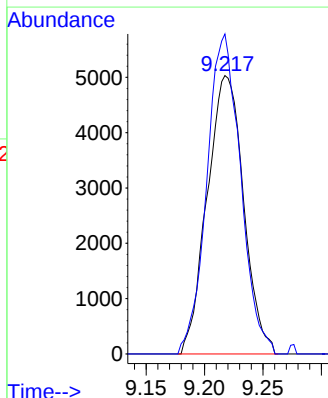
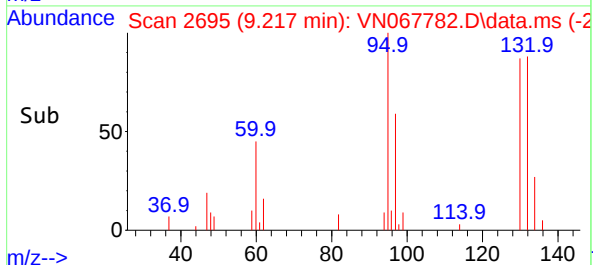
Tgt Ion:	43	Resp:	23227
Ion	Ratio	Lower	Upper
43	100		
61	20.1	19.0	28.4
87	12.1	9.5	14.3



#44
Trichloroethene
Concen: 2.456 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



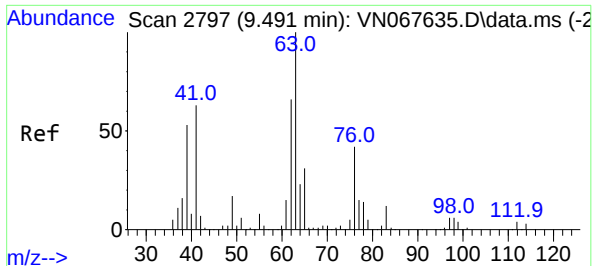
Tgt Ion:	130	Resp:	10904
Ion	Ratio	Lower	Upper
130	100		
95	115.0	0.0	234.4



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:54:07 PM



#45

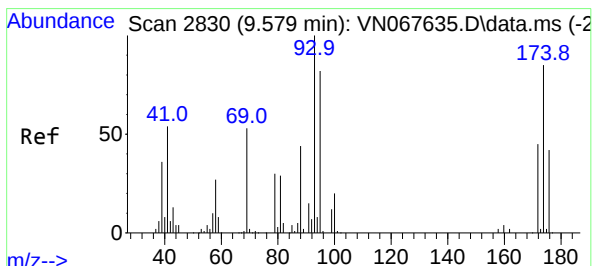
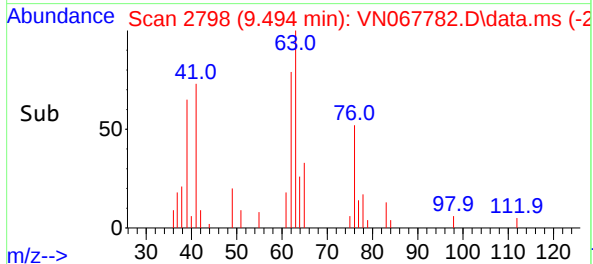
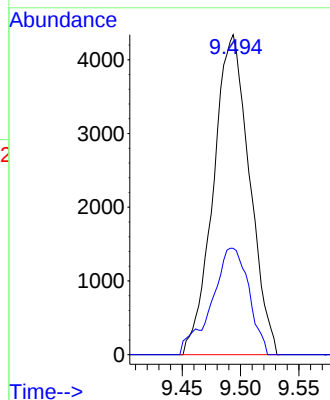
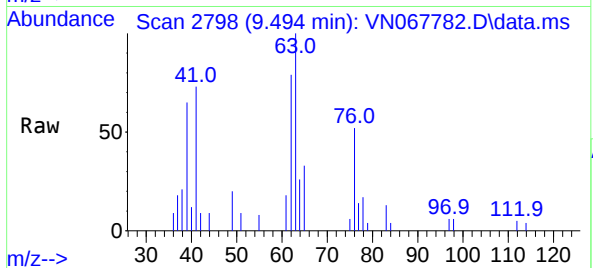
1,2-Dichloropropane
Concen: 2.106 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 63 Resp: 9330
Ion Ratio Lower Upper
63 100
65 33.2 24.3 36.5

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

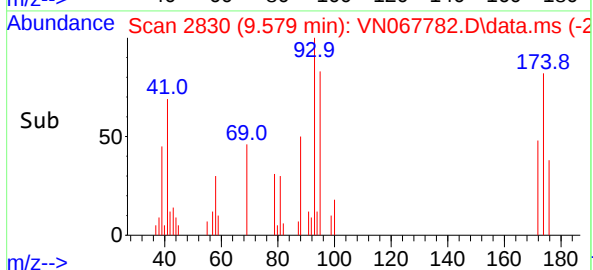
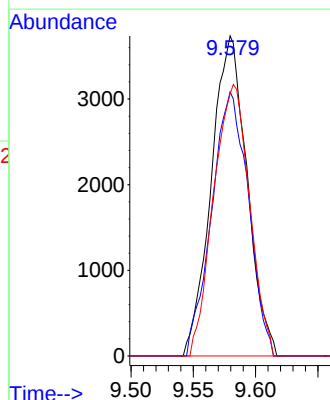
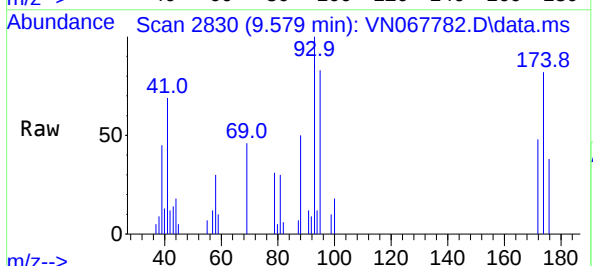
MMDadoda
7/19/2021 5:54:07 PM

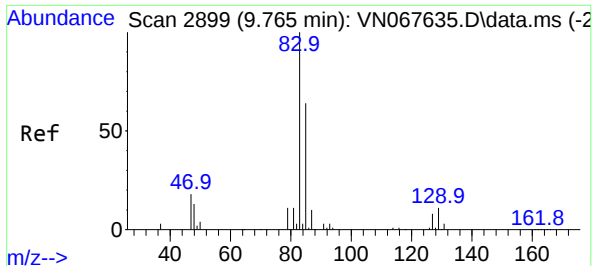


#46

Dibromomethane
Concen: 2.362 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

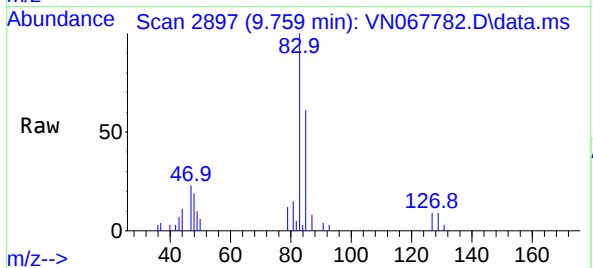
Tgt Ion: 93 Resp: 7425
Ion Ratio Lower Upper
93 100
95 84.9 66.1 99.1
174 85.5 61.0 91.4





#47
Bromodichloromethane
Concen: 2.088 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.006 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

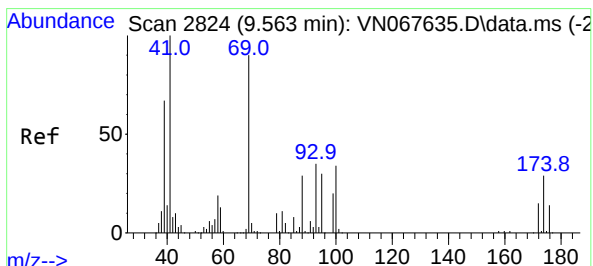
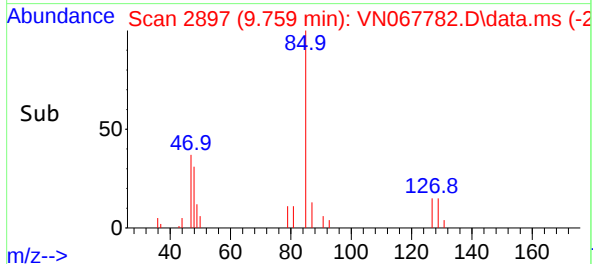
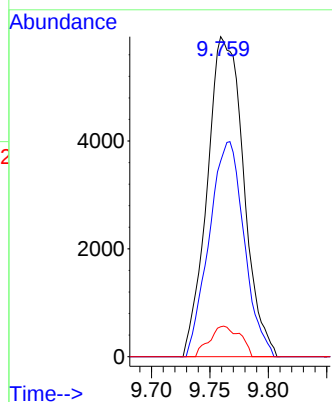
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



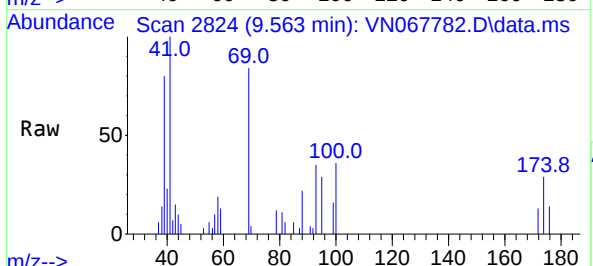
Tgt Ion: 83 Resp: 12833
Ion Ratio Lower Upper
83 100
85 61.1 49.9 74.9
127 9.4 6.1 9.1#

Manual Integrations
APPROVED

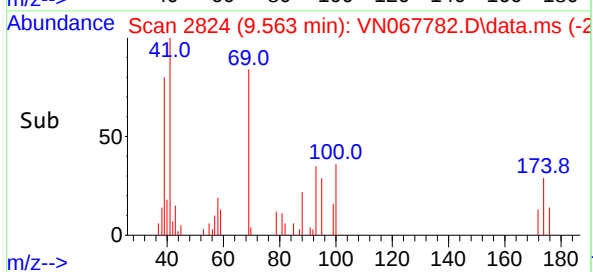
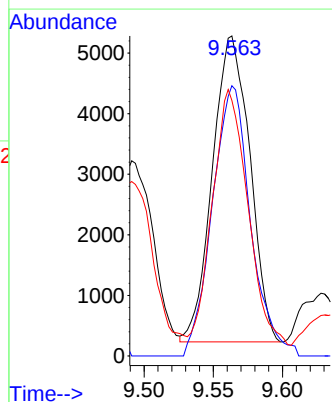
MMDadoda
7/19/2021 5:54:07 PM

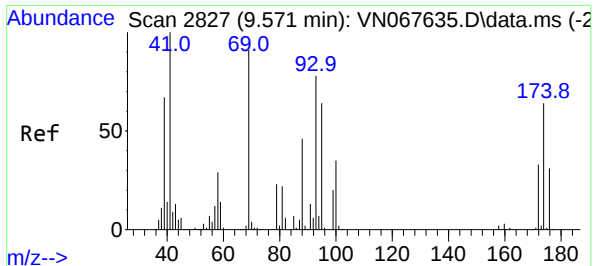


#48
Methyl methacrylate
Concen: 2.154 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



Tgt Ion: 41 Resp: 9492
Ion Ratio Lower Upper
41 100
69 90.3 64.6 96.8
39 79.5 53.3 79.9





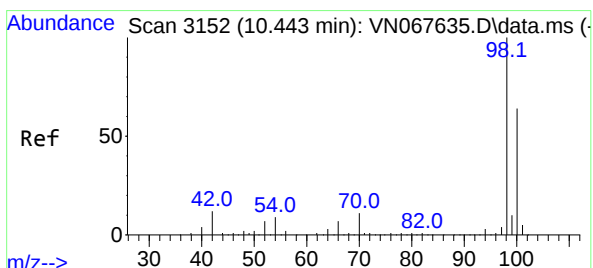
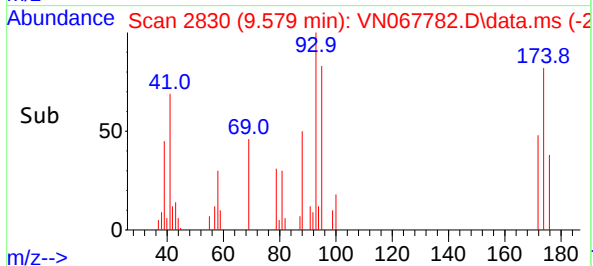
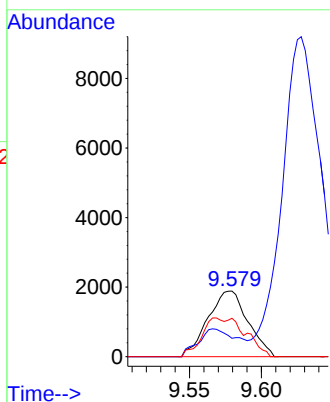
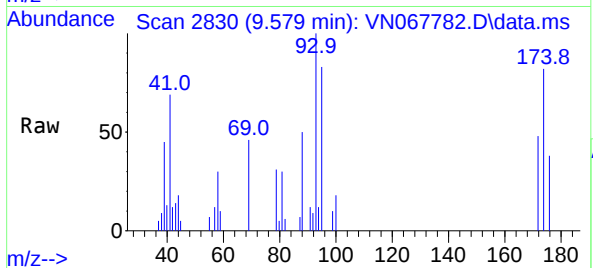
#49
1,4-Dioxane
Concen: 47.729 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.008 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 88 Resp: 3645
Ion Ratio Lower Upper
88 100
43 40.9 28.8 43.2
58 33.4 60.4 90.6#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

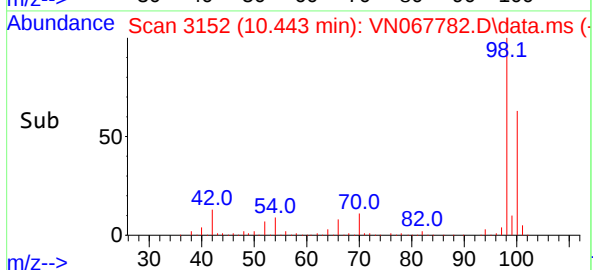
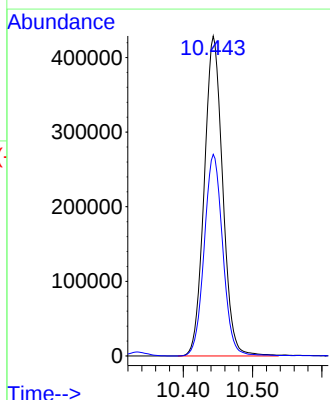
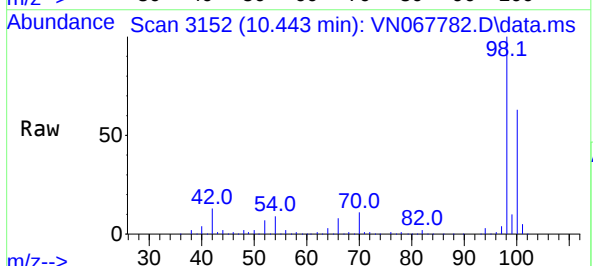
Manual Integrations
APPROVED

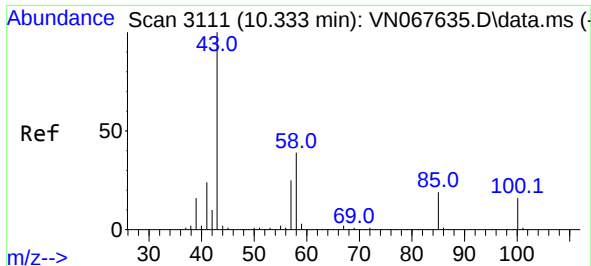
MMDadoda
7/19/2021 5:54:07 PM



#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 98 Resp: 793597
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5





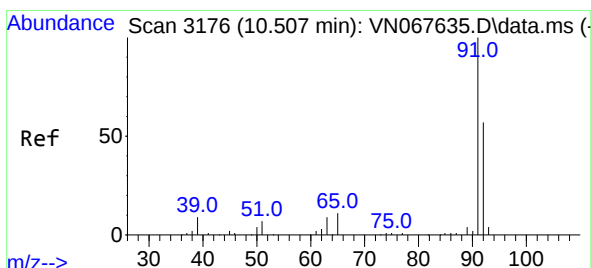
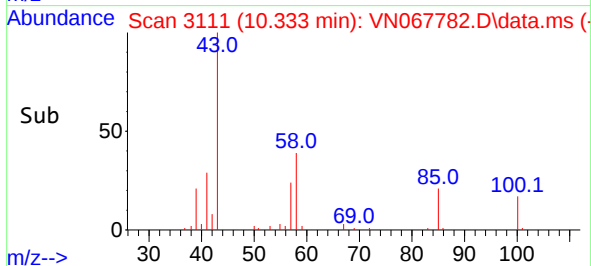
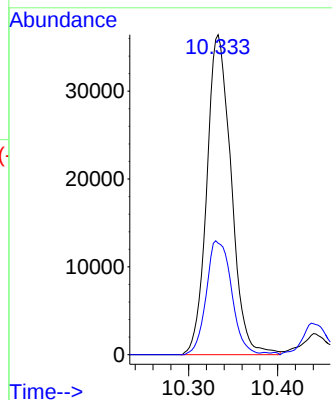
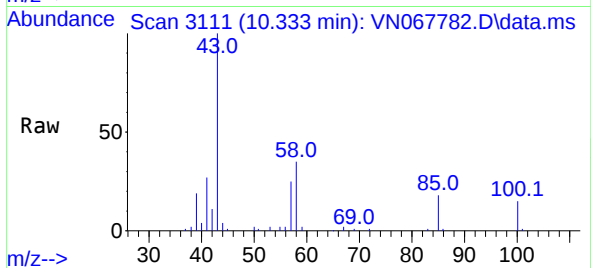
#51
4-Methyl-2-Pentanone
Concen: 11.322 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 43 Resp: 69297
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

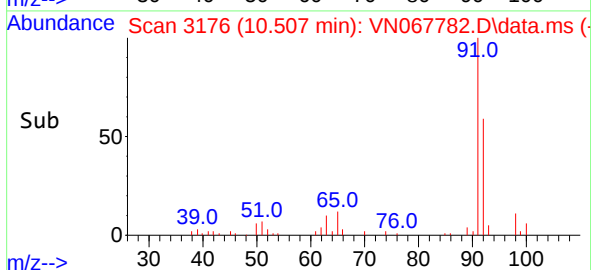
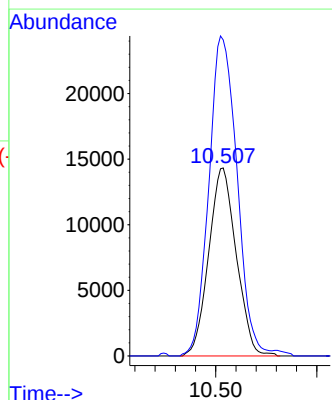
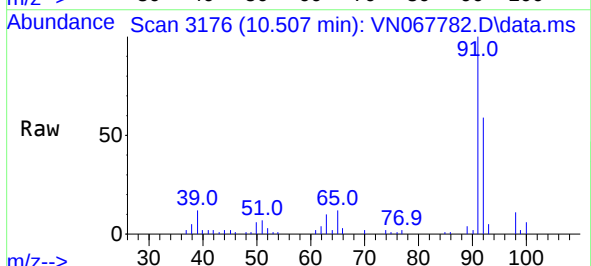
Manual Integrations
APPROVED

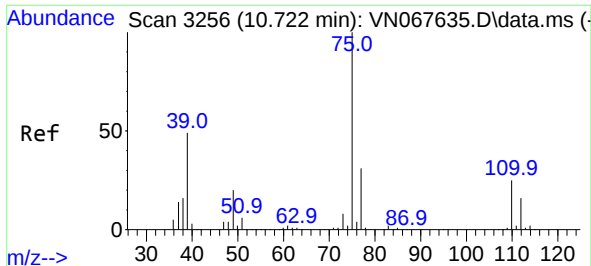
MMDadoda
7/19/2021 5:54:07 PM



#52
Toluene
Concen: 2.369 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 92 Resp: 27156
Ion Ratio Lower Upper
92 100
91 173.5 139.6 209.4





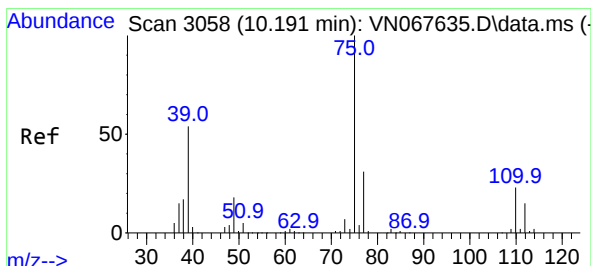
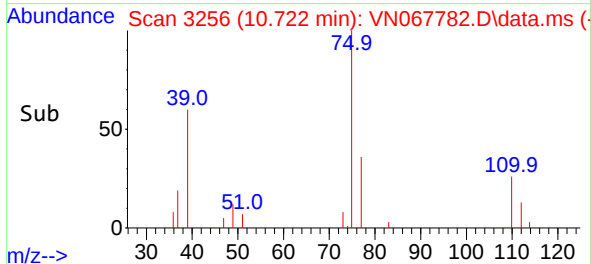
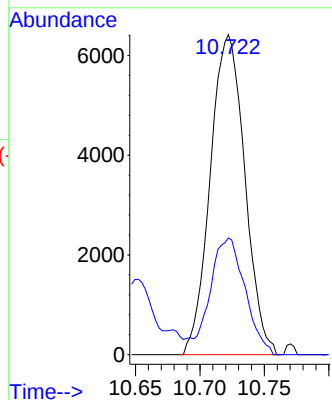
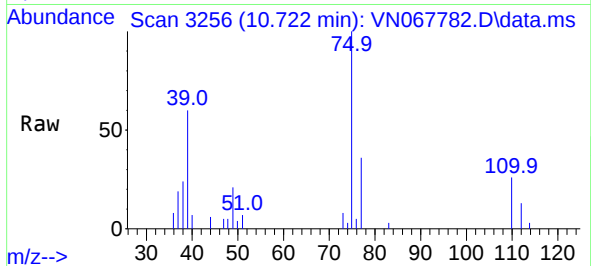
#53
t-1,3-Dichloropropene
Concen: 1.898 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 75 Resp: 11967
Ion Ratio Lower Upper
75 100
77 36.4 25.1 37.7

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

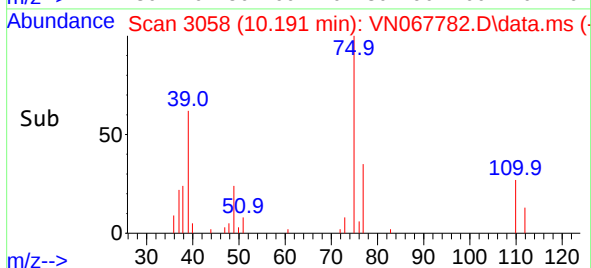
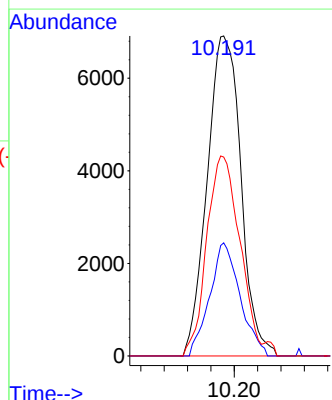
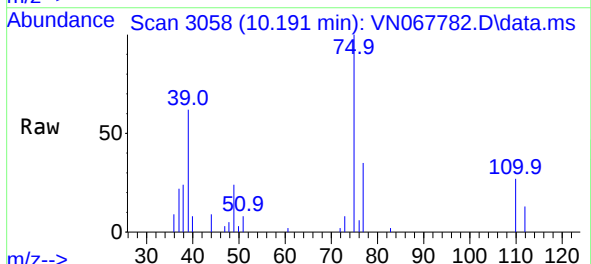
Manual Integrations
APPROVED

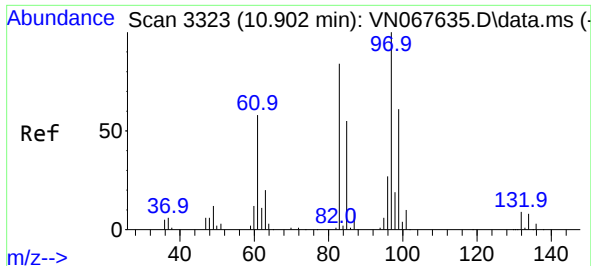
MMDadoda
7/19/2021 5:54:07 PM



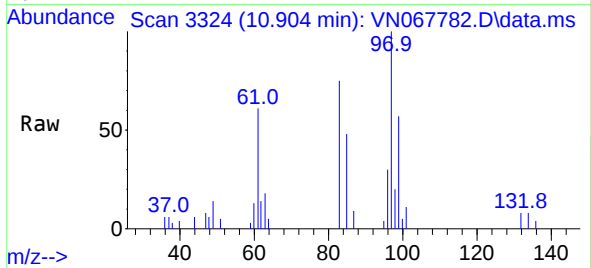
#54
cis-1,3-Dichloropropene
Concen: 2.029 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 75 Resp: 13864
Ion Ratio Lower Upper
75 100
77 35.3 24.6 37.0
39 62.1 50.7 76.1

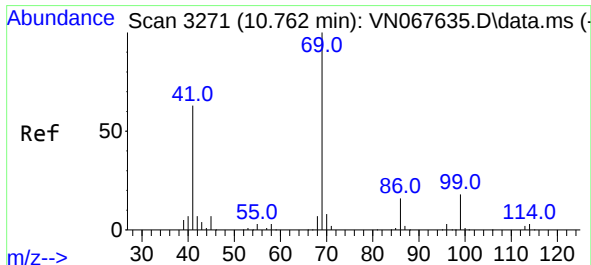
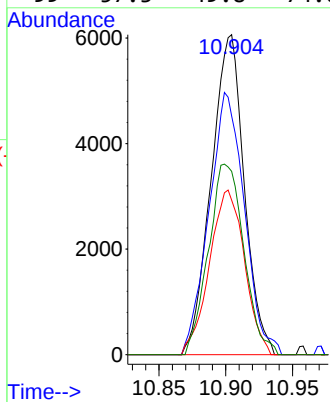
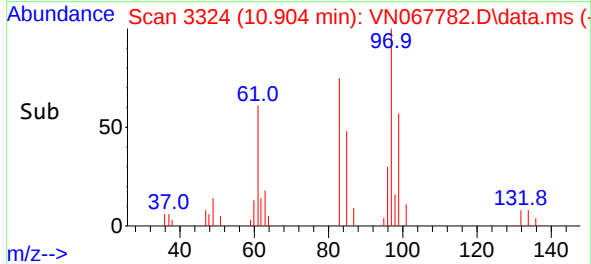




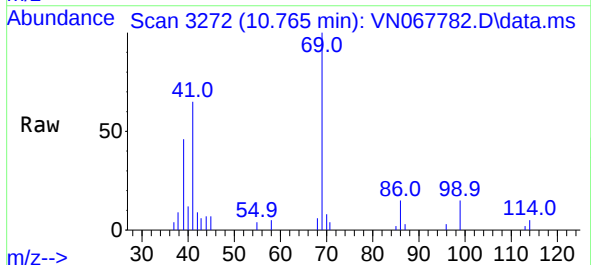
#55
1,1,2-Trichloroethane
Concen: 2.381 ug/l
RT: 10.904 min Scan# 3324
Delta R.T. 0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



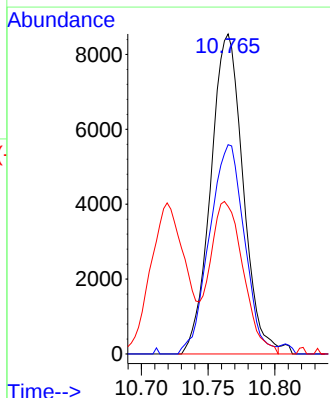
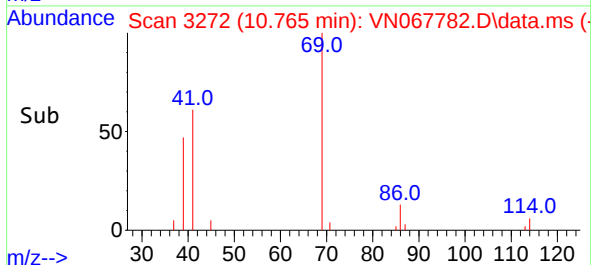
Tgt Ion: 97 Resp: 10458
Ion Ratio Lower Upper
97 100
83 74.6 72.0 108.0
85 48.3 46.8 70.2
99 57.3 49.8 74.6



#56
Ethyl methacrylate
Concen: 2.123 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



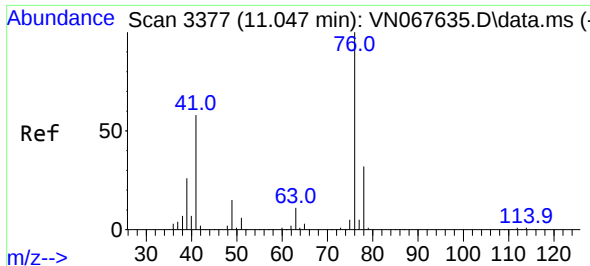
Tgt Ion: 69 Resp: 14369
Ion Ratio Lower Upper
69 100
41 71.0 58.6 88.0
39 48.9 38.3 57.5



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

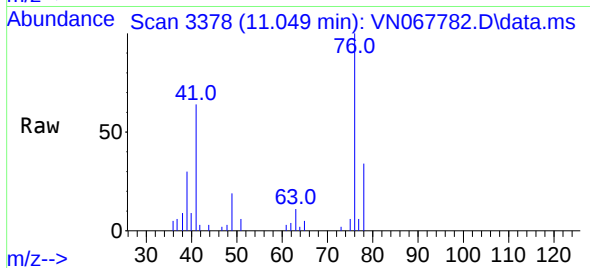
Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:54:07 PM



#57
1,3-Dichloropropane
Concen: 2.361 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. 0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

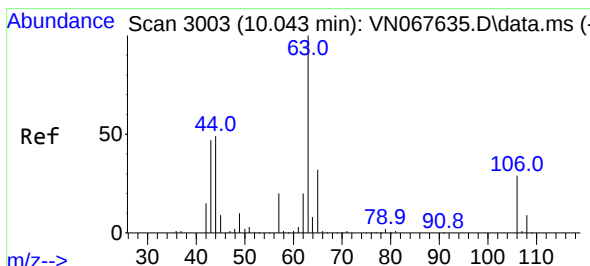
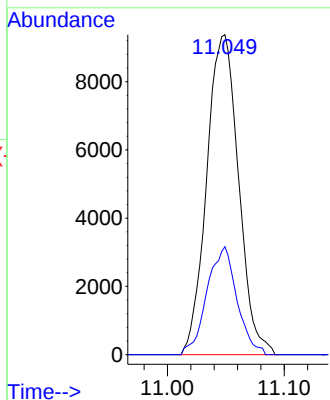
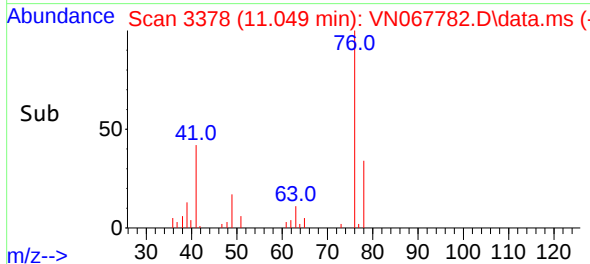
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



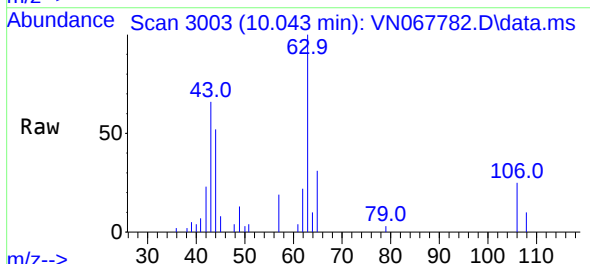
Tgt Ion: 76 Resp: 17780
Ion Ratio Lower Upper
76 100
78 31.8 25.7 38.5

Manual Integrations
APPROVED

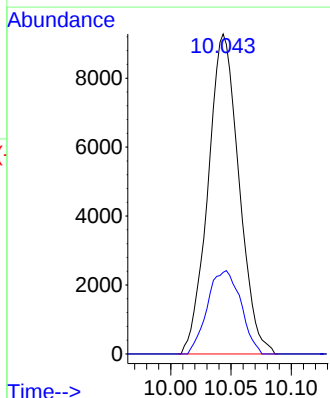
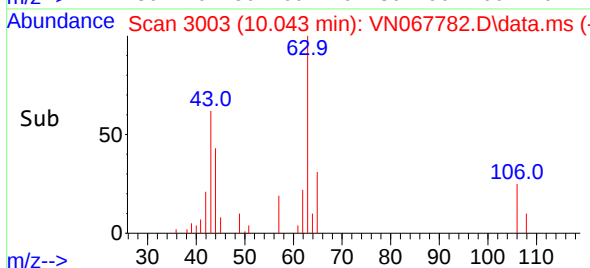
MMDadoda
7/19/2021 5:54:07 PM

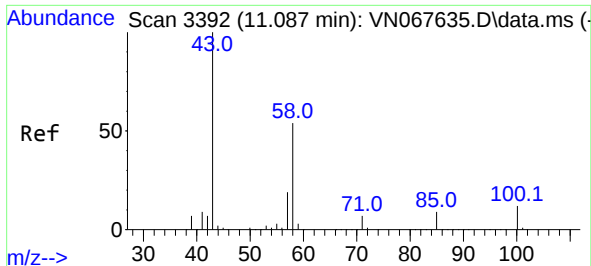


#58
2-Chloroethyl Vinyl ether
Concen: 11.804 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



Tgt Ion: 63 Resp: 16563
Ion Ratio Lower Upper
63 100
106 28.0 19.8 29.8





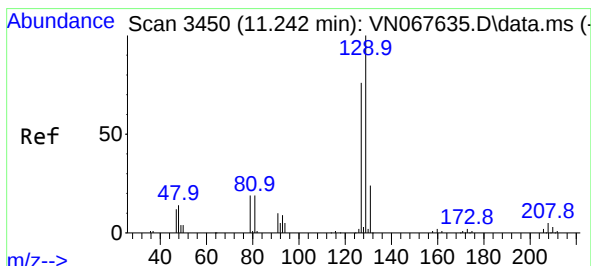
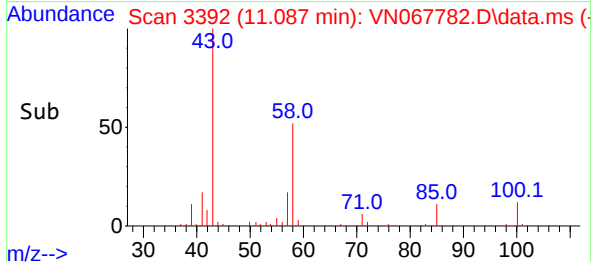
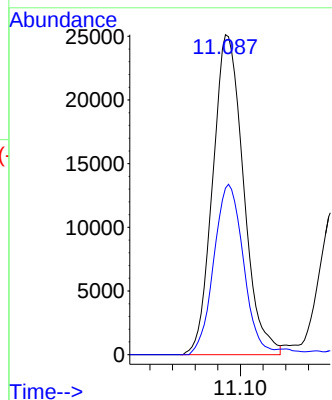
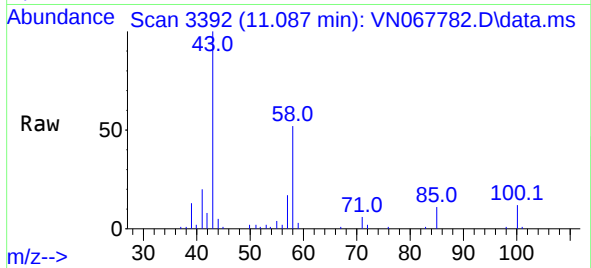
#59
2-Hexanone
Concen: 11.065 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 43 Resp: 47271
Ion Ratio Lower Upper
43 100
58 51.2 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

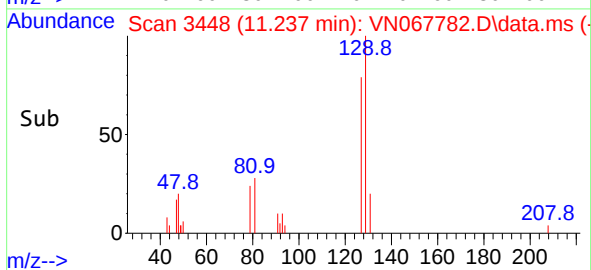
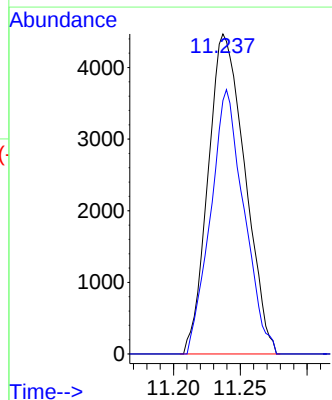
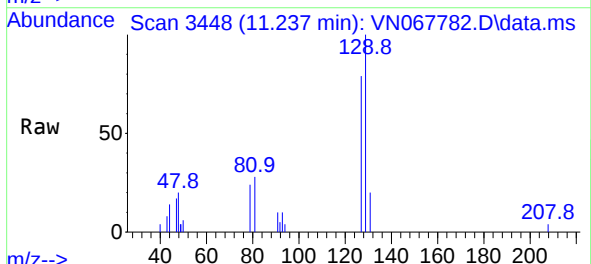
Manual Integrations
APPROVED

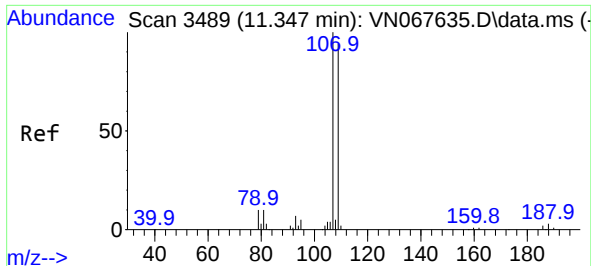
MMDadoda
7/19/2021 5:54:07 PM



#60
Dibromochloromethane
Concen: 1.925 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.005 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

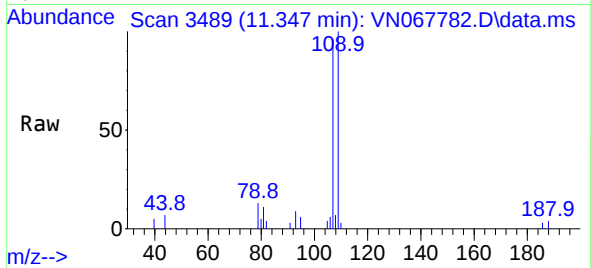
Tgt Ion: 129 Resp: 8584
Ion Ratio Lower Upper
129 100
127 75.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 2.154 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

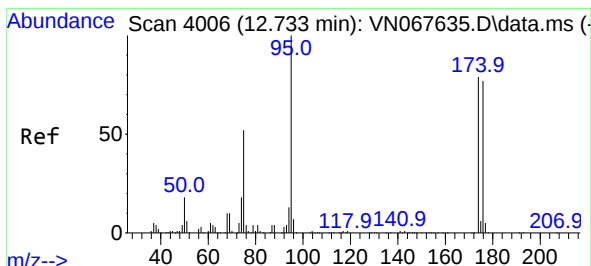
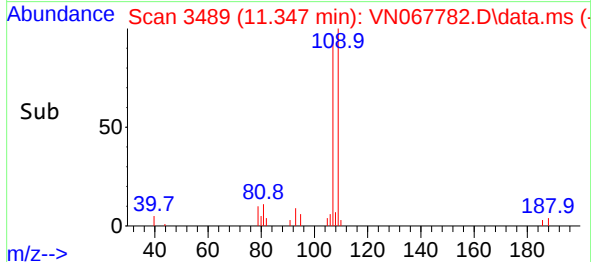
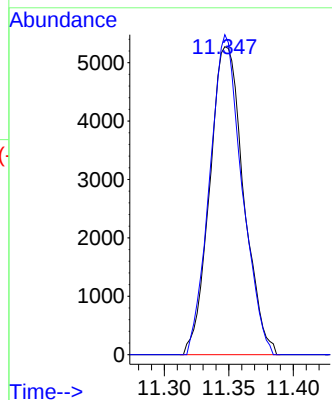
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



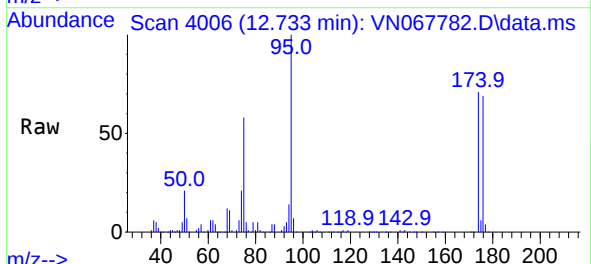
Tgt Ion:107 Resp: 9660
Ion Ratio Lower Upper
107 100
109 98.9 75.0 112.4

Manual Integrations
APPROVED

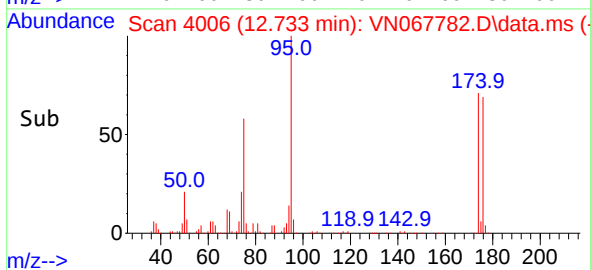
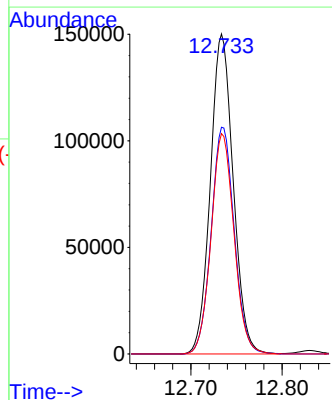
MMDadoda
7/19/2021 5:54:07 PM

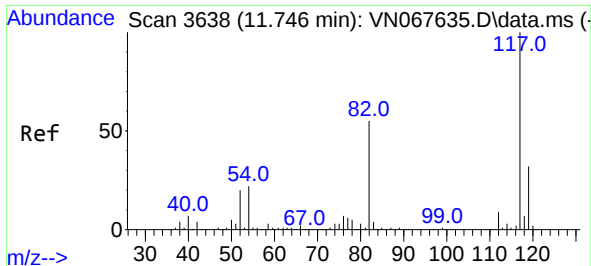


#62
4-Bromofluorobenzene
Concen: 46.415 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



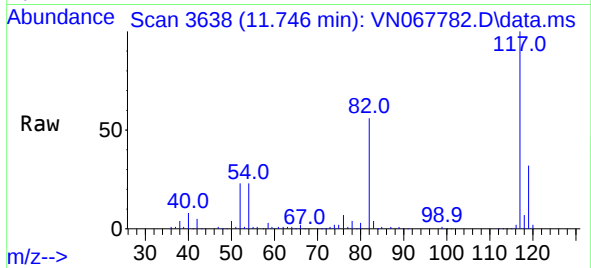
Tgt Ion: 95 Resp: 260926
Ion Ratio Lower Upper
95 100
174 71.5 0.0 122.0
176 69.1 0.0 117.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

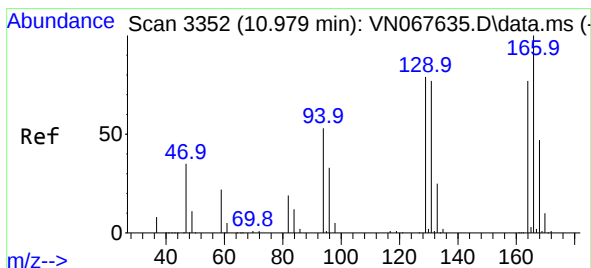
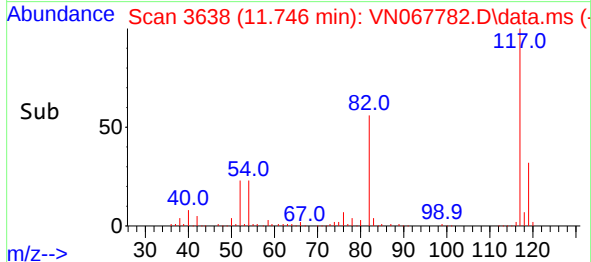
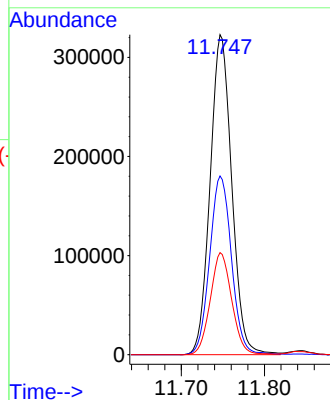
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



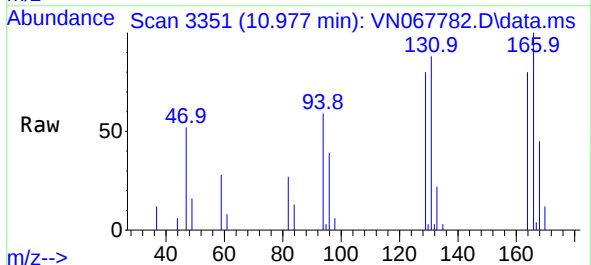
Tgt Ion:117 Resp: 583463
Ion Ratio Lower Upper
117 100
82 55.9 53.1 79.7
119 31.9 25.5 38.3

Manual Integrations
APPROVED

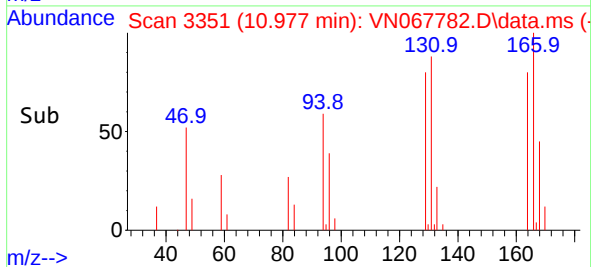
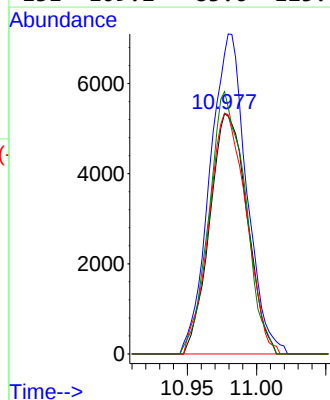
MMDadoda
7/19/2021 5:54:07 PM

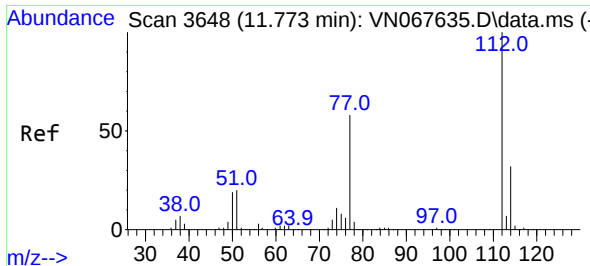


#64
Tetrachloroethene
Concen: 2.425 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



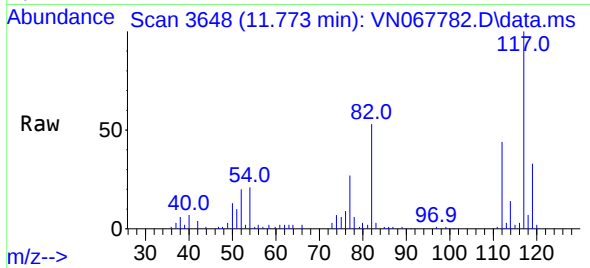
Tgt Ion:164 Resp: 9988
Ion Ratio Lower Upper
164 100
166 124.8 102.1 153.1
129 100.2 86.9 130.3
131 109.2 83.6 125.4





#65
Chlorobenzene
Concen: 2.369 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

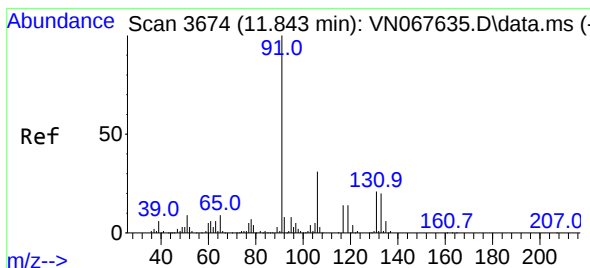
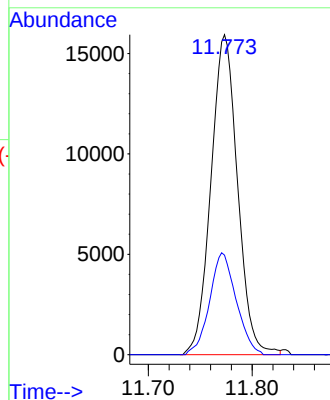
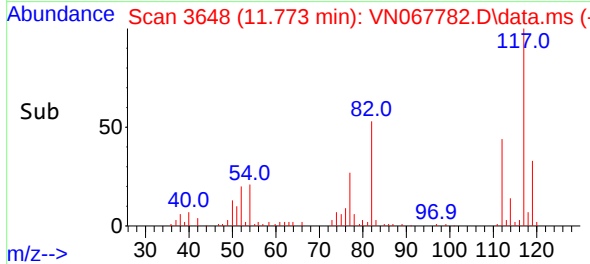
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



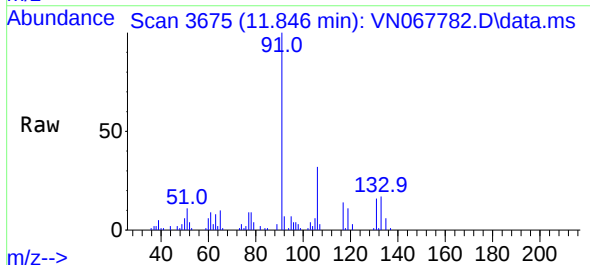
Tgt Ion:112 Resp: 28386
Ion Ratio Lower Upper
112 100
114 31.1 24.6 37.0

Manual Integrations
APPROVED

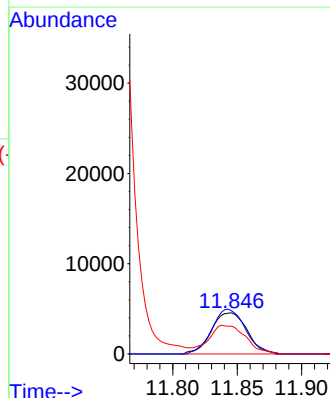
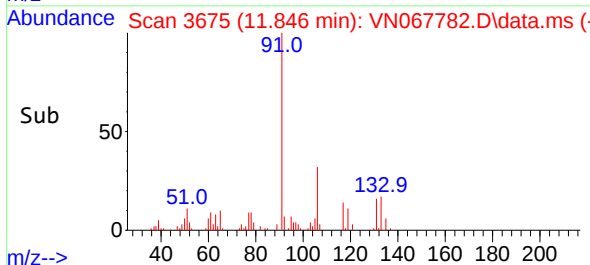
MMDadoda
7/19/2021 5:54:07 PM

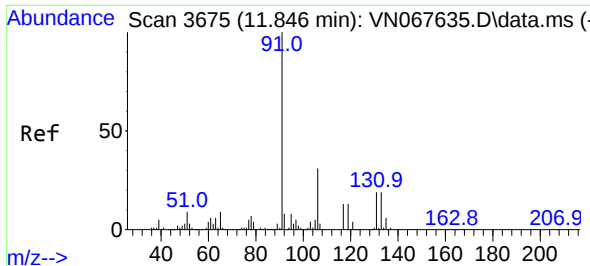


#66
1,1,1,2-Tetrachloroethane
Concen: 2.092 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



Tgt Ion:131 Resp: 8816
Ion Ratio Lower Upper
131 100
133 101.3 47.5 142.5
119 72.4 33.1 99.3





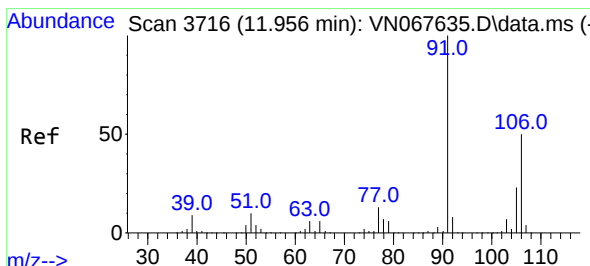
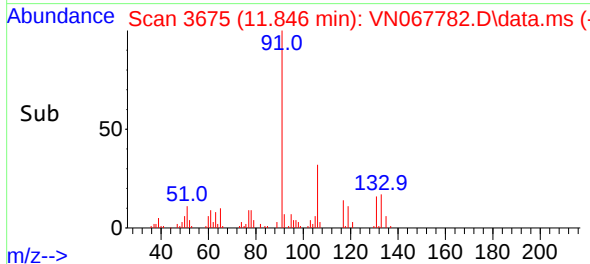
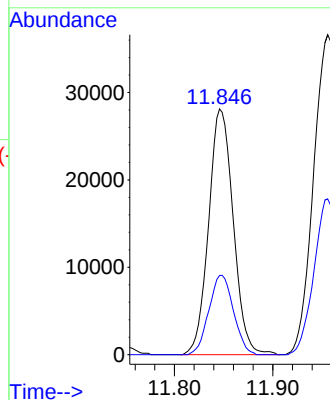
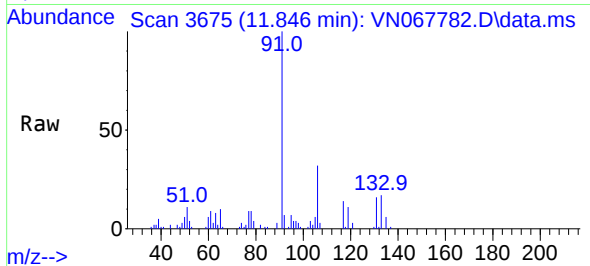
#67
Ethyl Benzene
Concen: 2.243 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 91 Resp: 48925
Ion Ratio Lower Upper
91 100
106 32.3 23.4 35.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

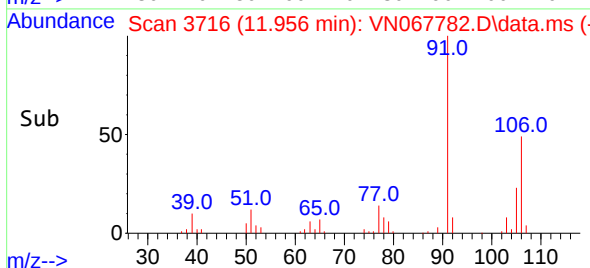
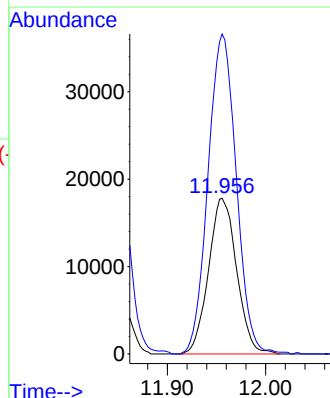
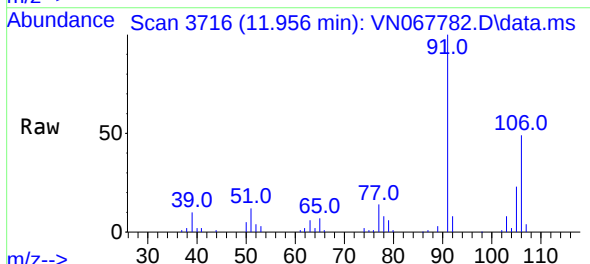
Manual Integrations
APPROVED

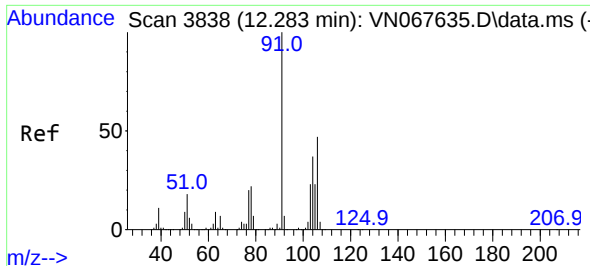
MMDadoda
7/19/2021 5:54:07 PM



#68
m/p-Xylenes
Concen: 4.294 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

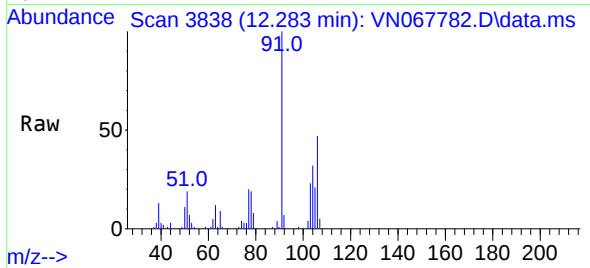
Tgt Ion: 106 Resp: 35429
Ion Ratio Lower Upper
106 100
91 206.4 180.6 270.8





#69
o-Xylene
Concen: 2.153 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

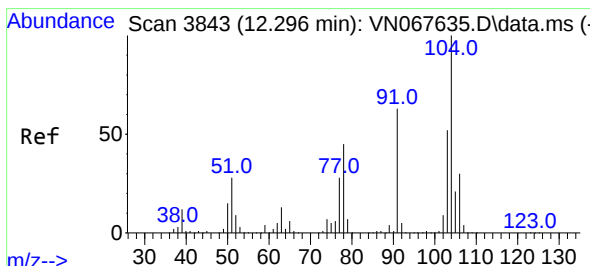
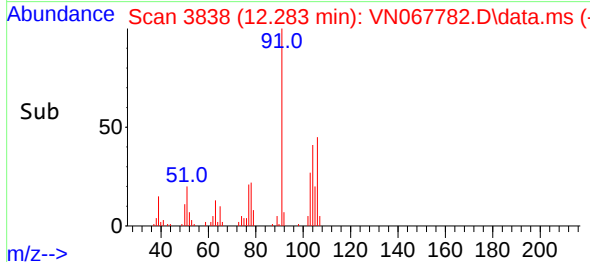
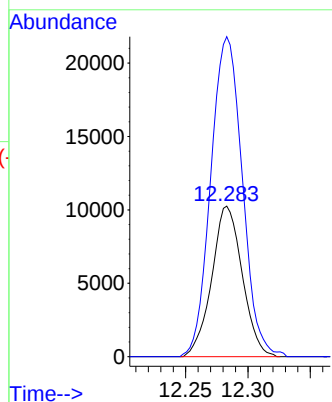
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion:106 Resp: 17469
Ion Ratio Lower Upper
106 100
91 219.6 118.3 354.9

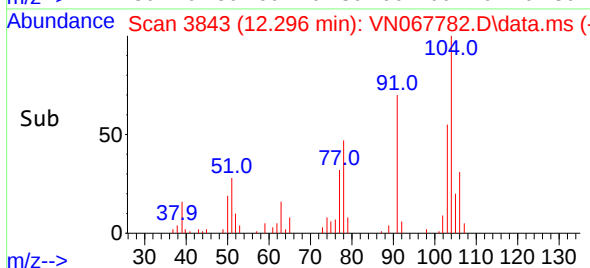
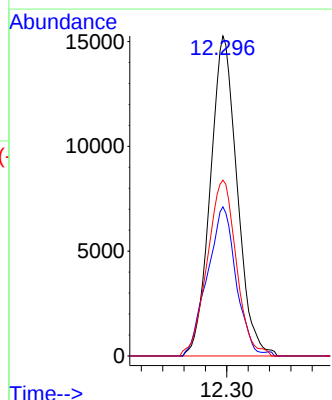
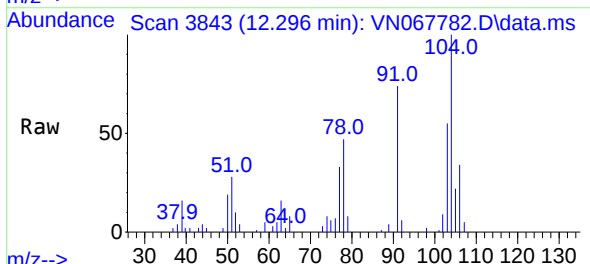
Manual Integrations
APPROVED

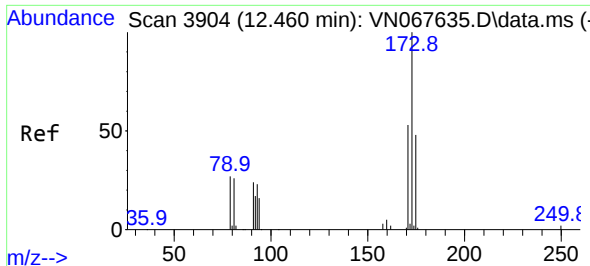
MMDadoda
7/19/2021 5:54:07 PM



#70
Styrene
Concen: 2.050 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion:104 Resp: 26607
Ion Ratio Lower Upper
104 100
78 49.8 48.2 72.2
103 59.5 44.5 66.7





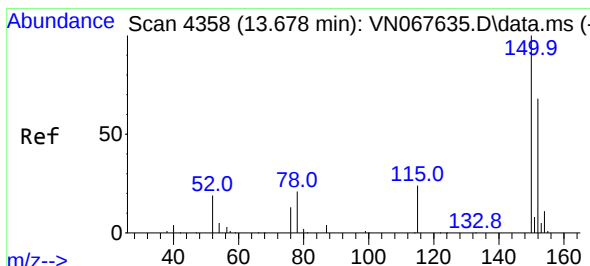
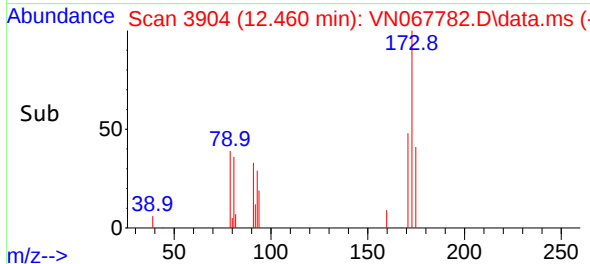
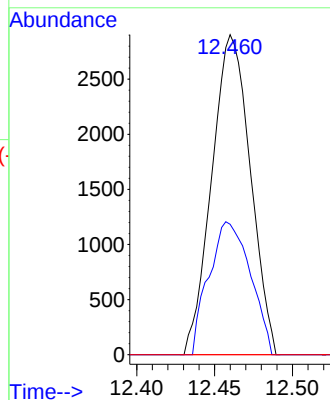
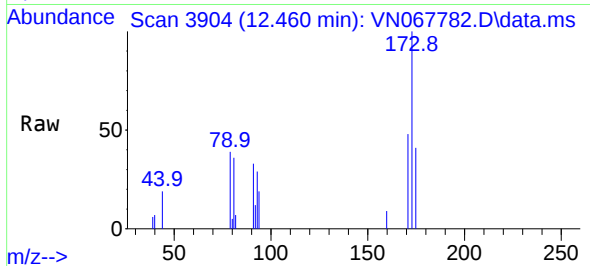
#71
Bromoform
Concen: 1.756 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion:173 Resp: 5000
Ion Ratio Lower Upper
173 100
175 44.7 23.9 71.8
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

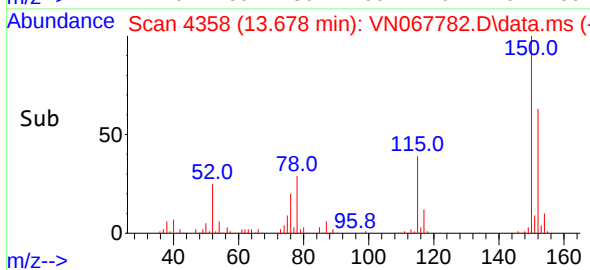
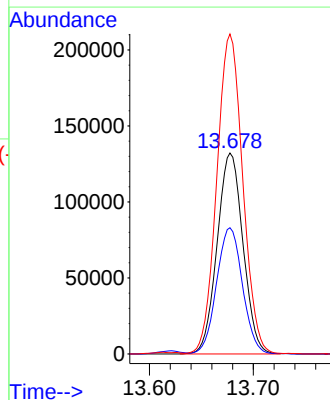
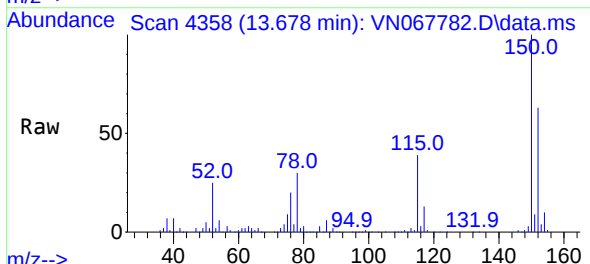
Manual Integrations
APPROVED

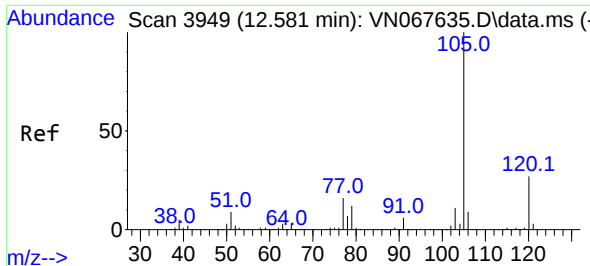
MMDadoda
7/19/2021 5:54:07 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

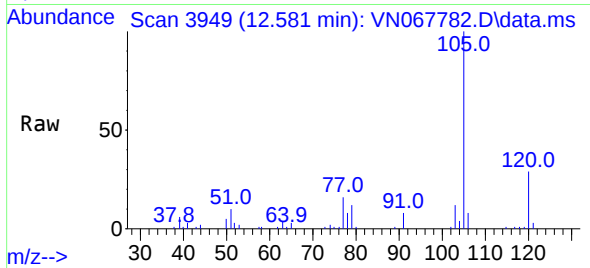
Tgt Ion:152 Resp: 228721
Ion Ratio Lower Upper
152 100
115 63.0 36.1 108.5
150 159.1 0.0 351.8





#73
Isopropylbenzene
Concen: 2.436 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

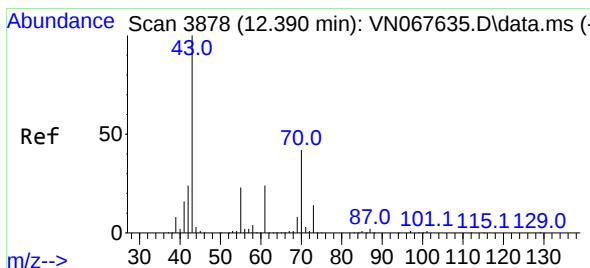
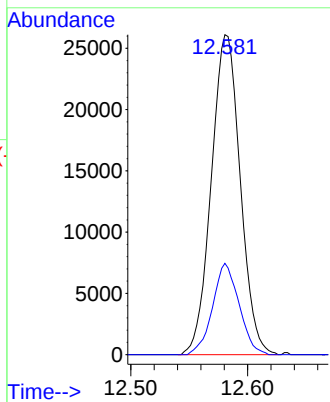
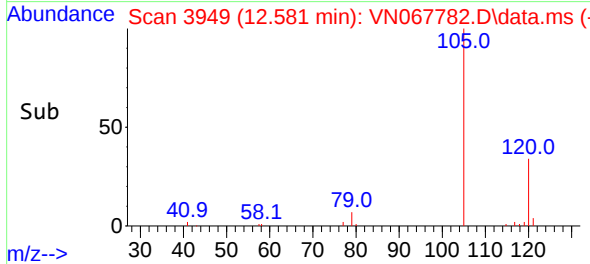
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



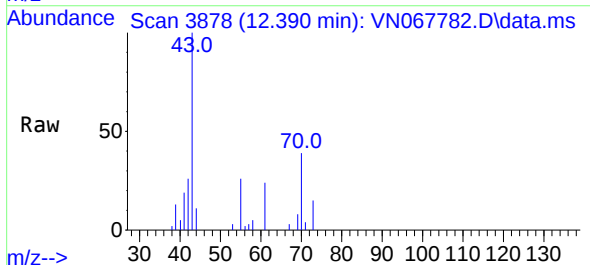
Tgt Ion: 105 Resp: 44951
Ion Ratio Lower Upper
105 100
120 26.1 12.5 37.5

Manual Integrations
APPROVED

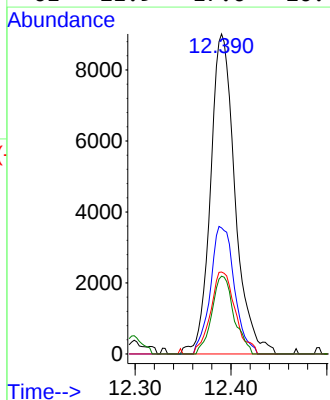
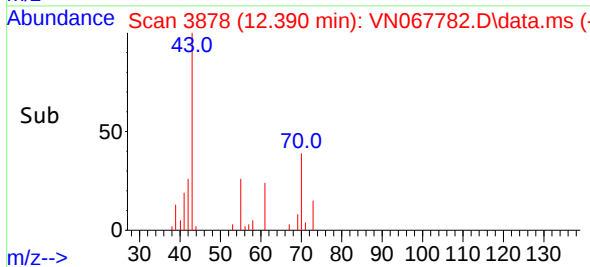
MMDadoda
7/19/2021 5:54:07 PM

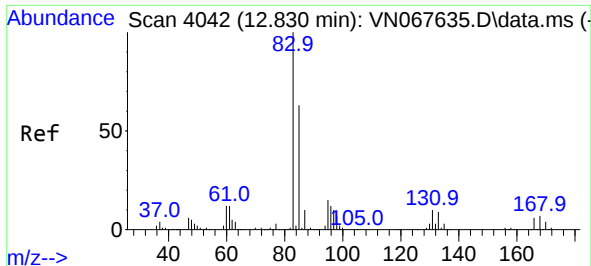


#74
N-ethyl acetate
Concen: 2.394 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



Tgt Ion: 43 Resp: 16025
Ion Ratio Lower Upper
43 100
70 38.9 29.4 44.2
55 25.7 17.0 25.4#
61 21.9 17.6 26.4





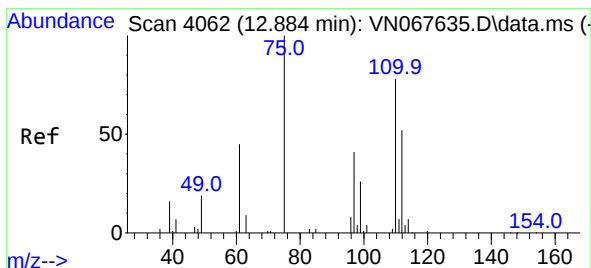
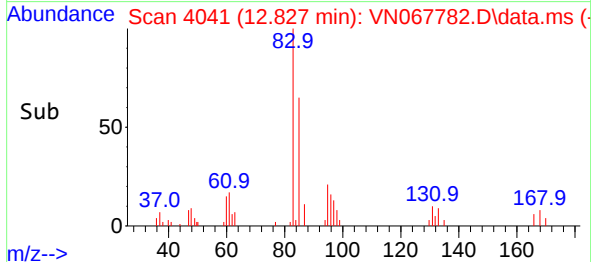
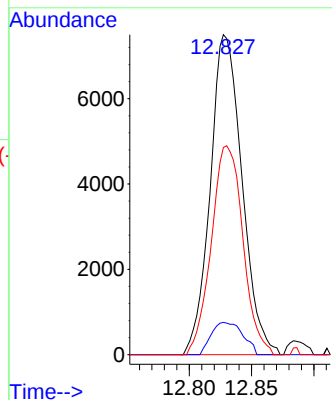
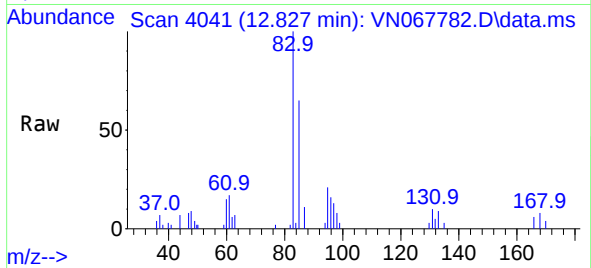
#75
1,1,2,2-Tetrachloroethane
Concen: 2.488 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 83 Resp: 13323
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.9 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

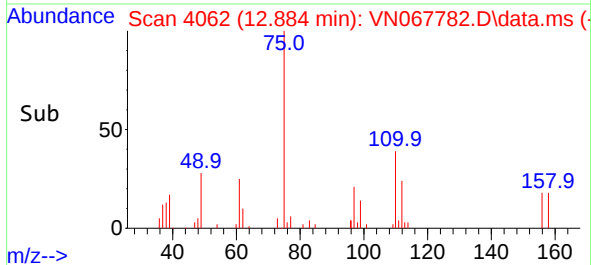
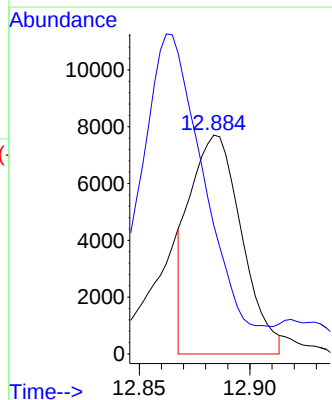
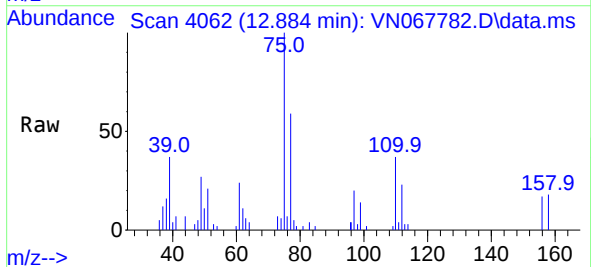
Manual Integrations
APPROVED

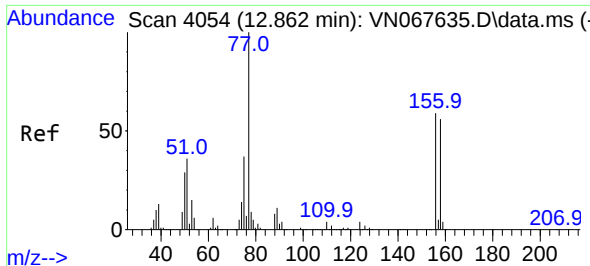
MMDadoda
7/19/2021 5:54:07 PM



#76
1,2,3-Trichloropropane
Concen: 2.671 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 75 Resp: 12478
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.429 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

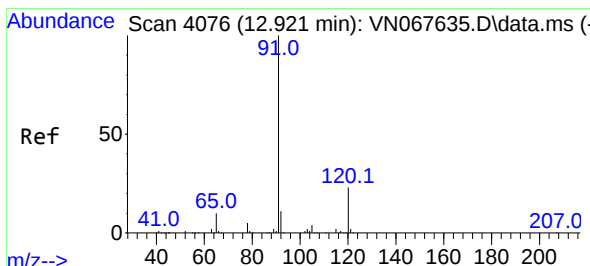
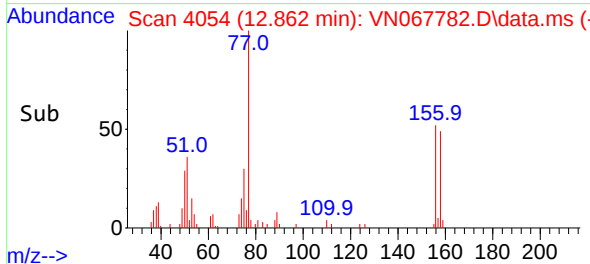
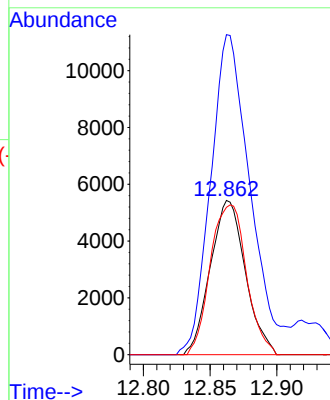
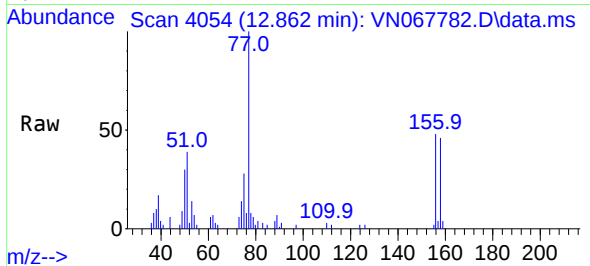
Tgt Ion: 156 Resp: 9919

Ion	Ratio	Lower	Upper
156	100		
77	234.6	136.2	408.6
158	100.3	48.4	145.3

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

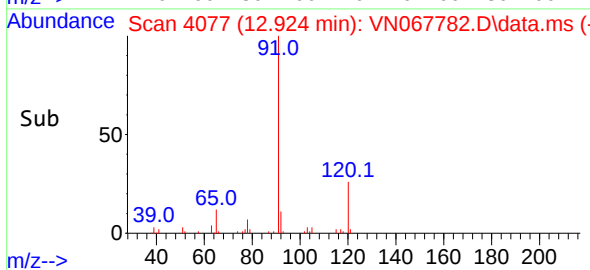
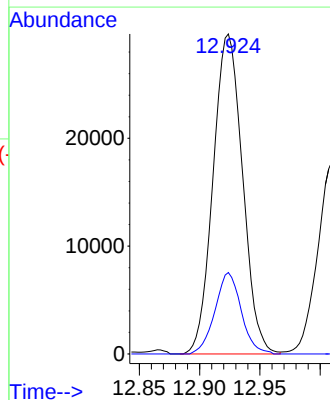
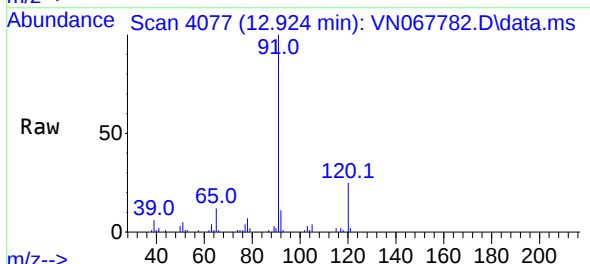
MMDadoda
7/19/2021 5:54:07 PM

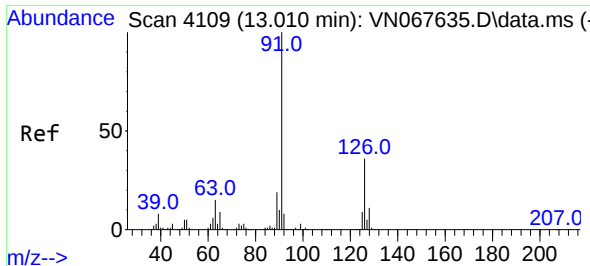


#78
n-propylbenzene
Concen: 2.416 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion: 91 Resp: 50436

Ion	Ratio	Lower	Upper
91	100		
120	22.7	10.4	31.4





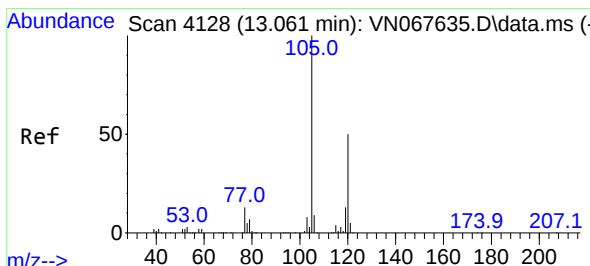
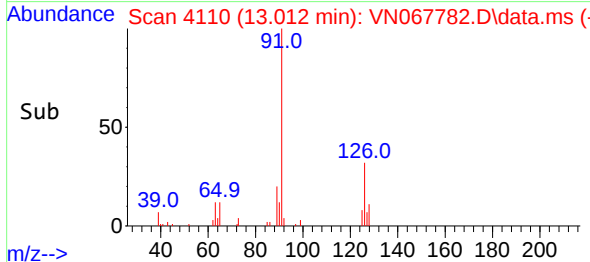
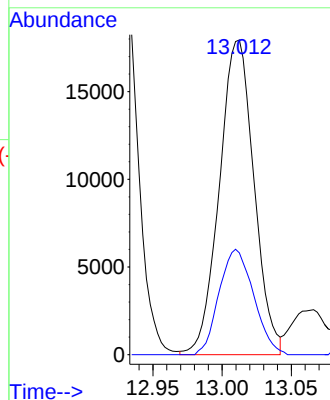
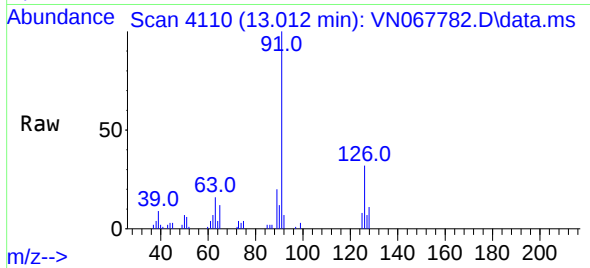
#79
2-Chlorotoluene
Concen: 2.479 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Tgt Ion: 91 Resp: 31254
Ion Ratio Lower Upper
91 100
126 33.4 14.5 43.5

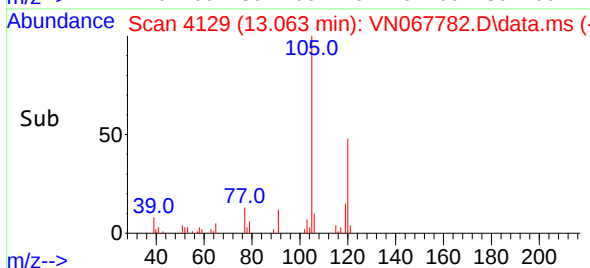
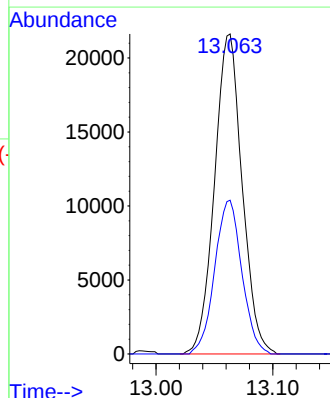
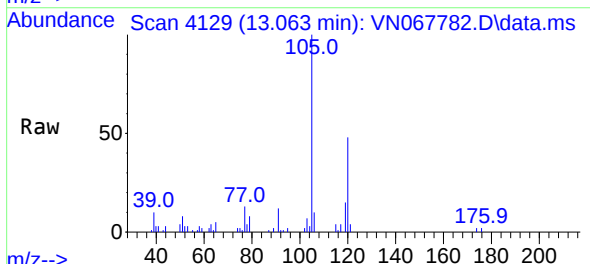
Manual Integrations
APPROVED

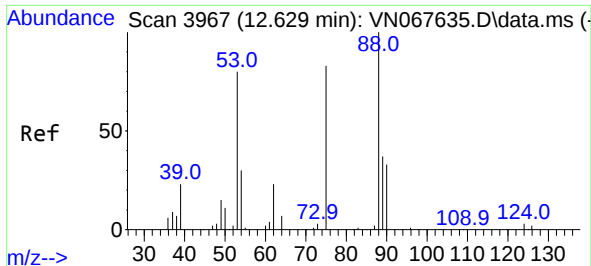
MMDadoda
7/19/2021 5:54:07 PM



#80
1,3,5-Trimethylbenzene
Concen: 2.373 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

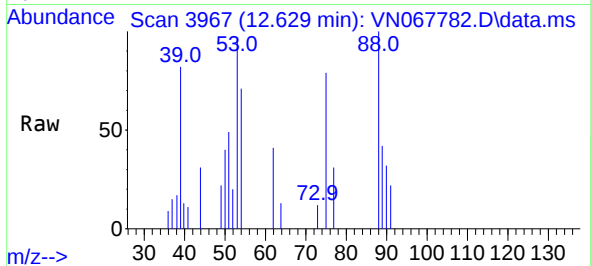
Tgt Ion: 105 Resp: 35490
Ion Ratio Lower Upper
105 100
120 47.2 22.2 66.6





#81
trans-1,4-Dichloro-2-butene
Concen: 1.708 ug/l m
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

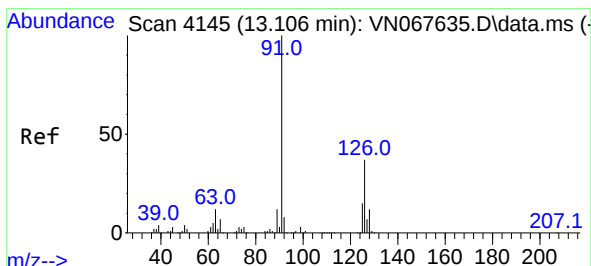
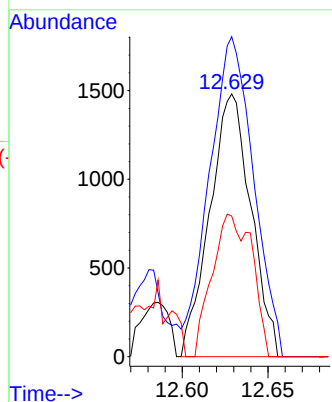
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



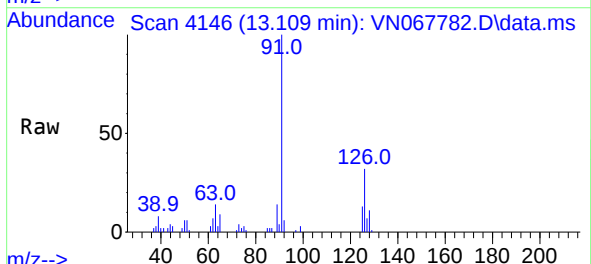
Tgt Ion: 75 Resp: 2474
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

Manual Integrations
APPROVED

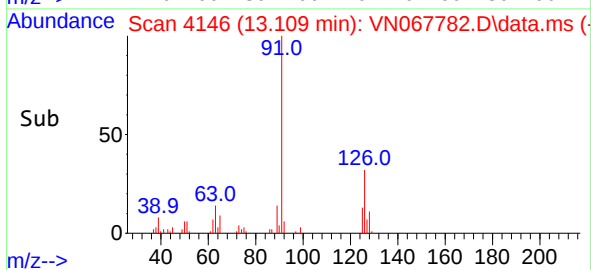
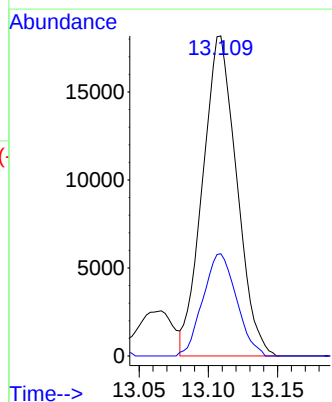
MMDadoda
7/19/2021 5:54:07 PM

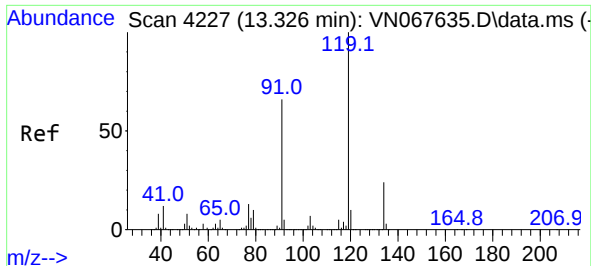


#82
4-Chlorotoluene
Concen: 2.493 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



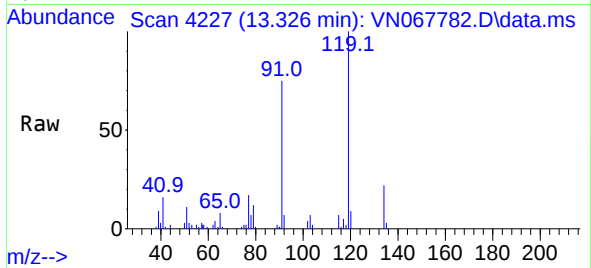
Tgt Ion: 91 Resp: 31105
Ion Ratio Lower Upper
91 100
126 31.4 14.8 44.4





#83
tert-Butylbenzene
Concen: 2.371 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

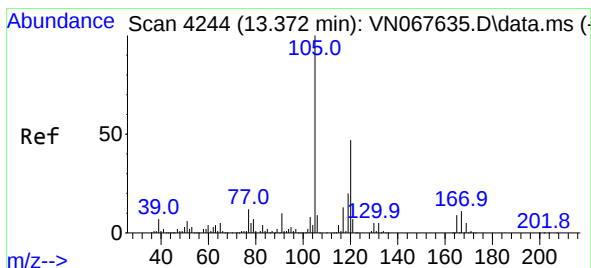
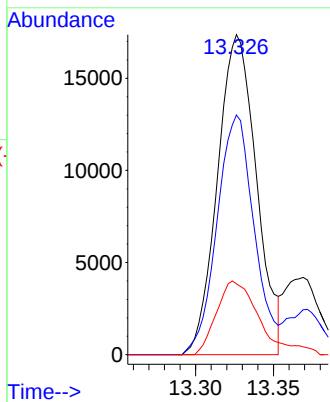
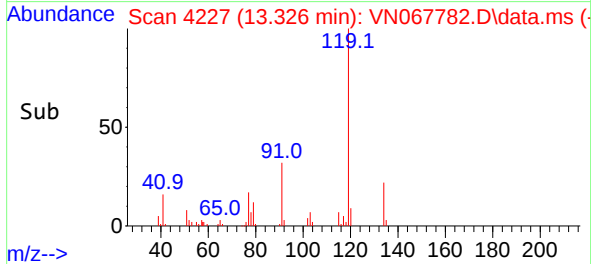
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



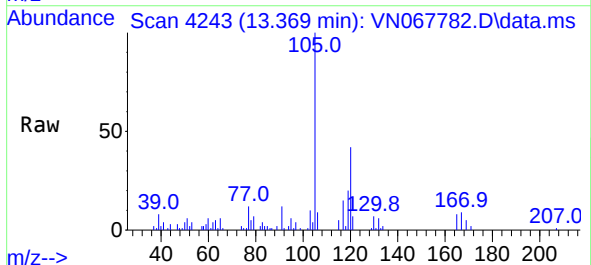
Tgt Ion:119 Resp: 30237
Ion Ratio Lower Upper
119 100
91 71.3 39.5 118.5
134 25.4 12.0 36.0

Manual Integrations
APPROVED

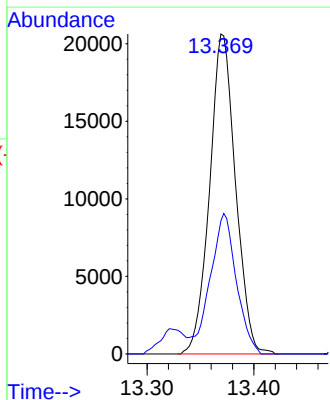
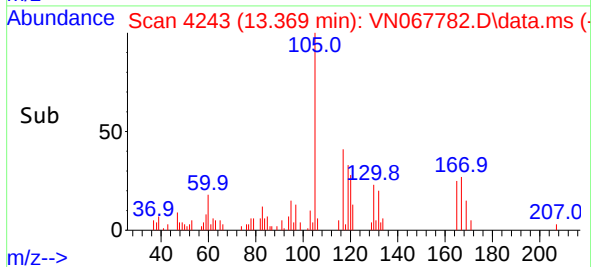
MMDadoda
7/19/2021 5:54:07 PM

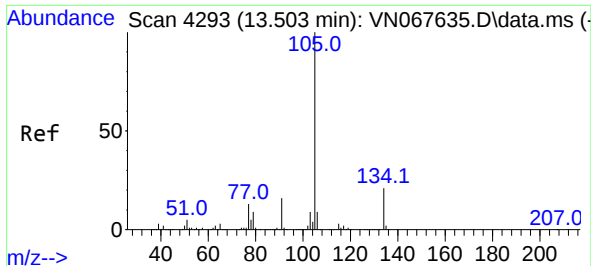


#84
1,2,4-Trimethylbenzene
Concen: 2.374 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



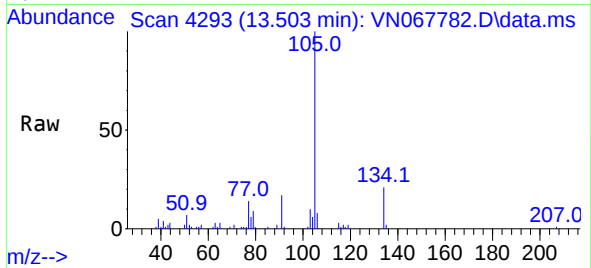
Tgt Ion:105 Resp: 34776
Ion Ratio Lower Upper
105 100
120 43.9 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 2.369 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067782.D
 Acq: 16 Jul 2021 19:00

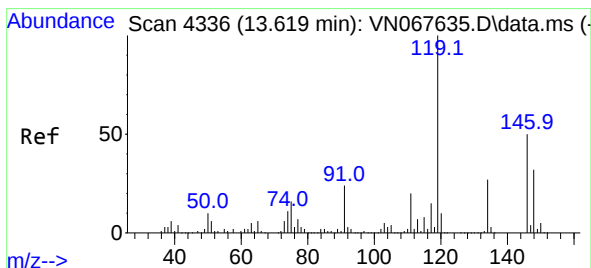
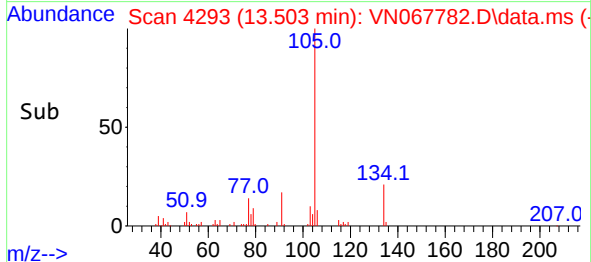
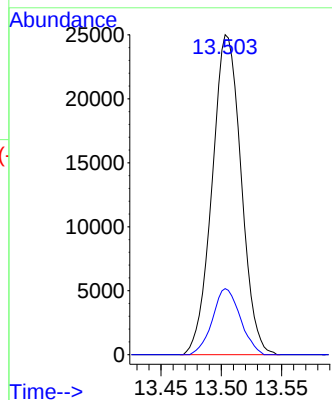
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021



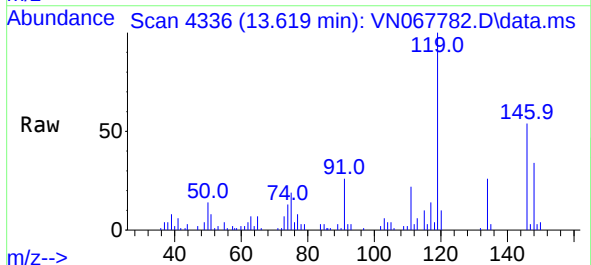
Tgt Ion:105 Resp: 41812
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.0 27.1

Manual Integrations
 APPROVED

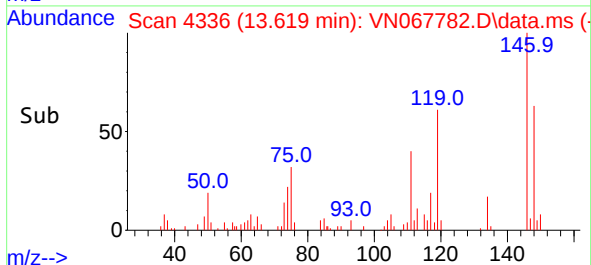
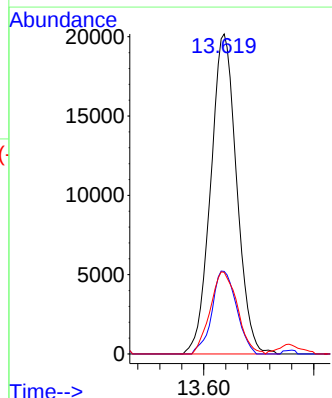
MMDadoda
 7/19/2021 5:54:07 PM

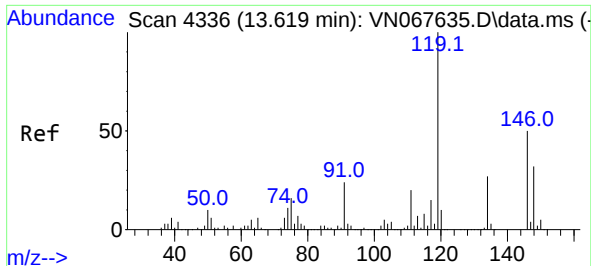


#86
 p-Isopropyltoluene
 Concen: 2.316 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067782.D
 Acq: 16 Jul 2021 19:00



Tgt Ion:119 Resp: 32979
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.4 37.4
 91 26.8 14.8 44.3





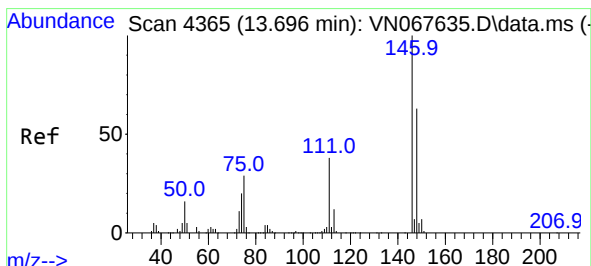
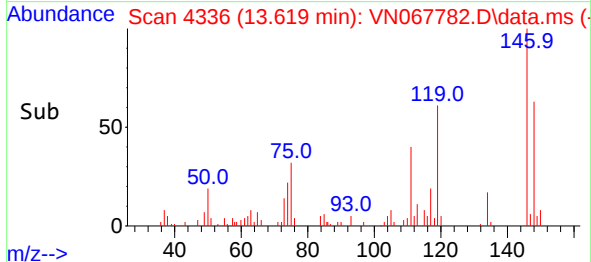
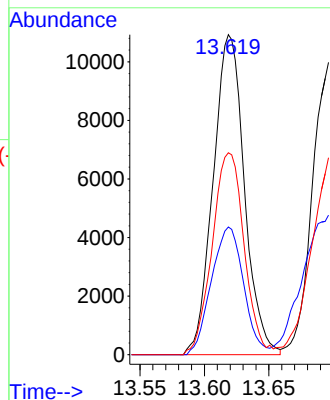
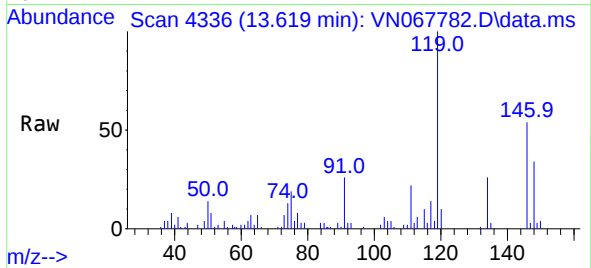
#87
1,3-Dichlorobenzene
Concen: 2.429 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

Tgt Ion:146 Resp: 18403
Ion Ratio Lower Upper
146 100
111 41.2 24.3 72.8
148 64.5 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

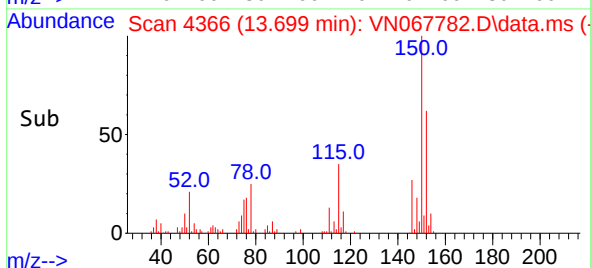
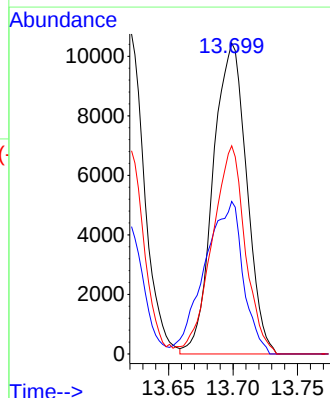
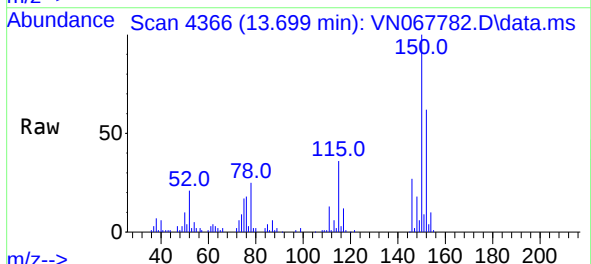
Manual Integrations
APPROVED

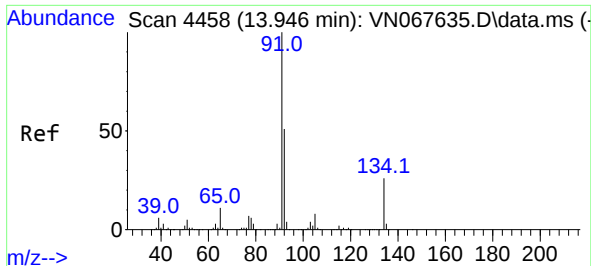
MMDadoda
7/19/2021 5:54:07 PM



#88
1,4-Dichlorobenzene
Concen: 2.427 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

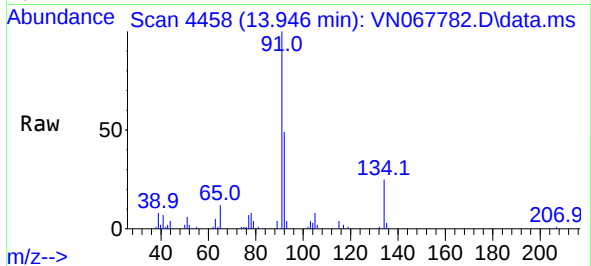
Tgt Ion:146 Resp: 18826
Ion Ratio Lower Upper
146 100
111 56.8 23.4 70.2
148 66.4 31.8 95.3





#89
n-Butylbenzene
Concen: 2.309 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

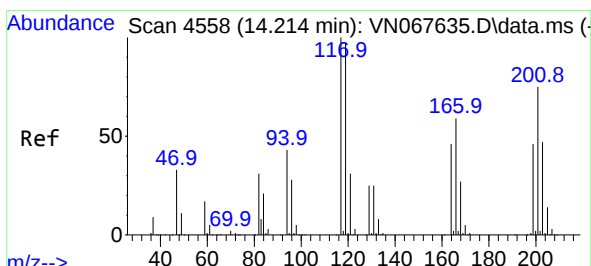
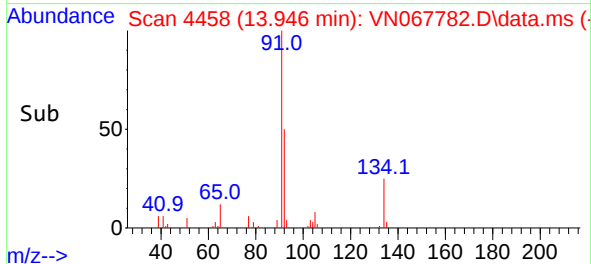
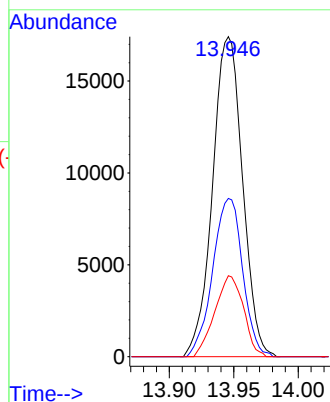
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion: 91 Resp: 28201
Ion Ratio Lower Upper
91 100
92 49.4 25.7 77.1
134 24.2 11.2 33.6

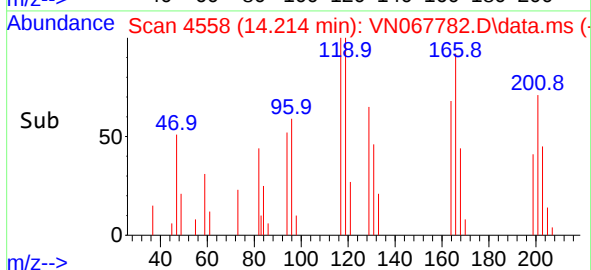
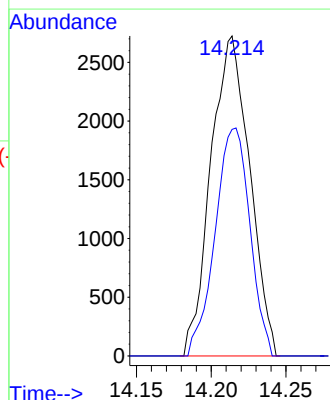
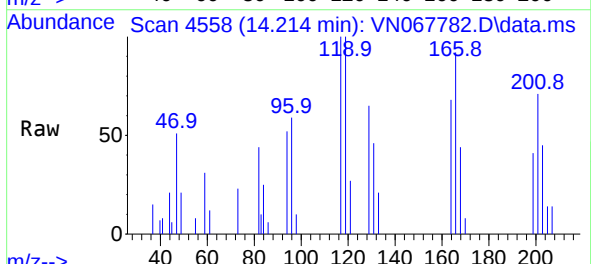
Manual Integrations
APPROVED

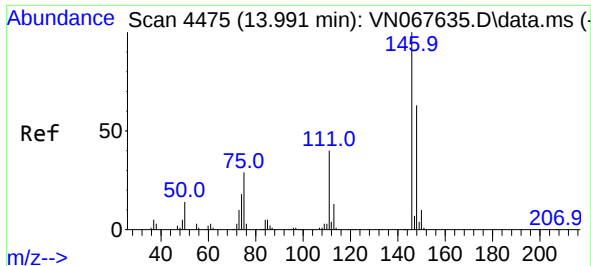
MMDadoda
7/19/2021 5:54:07 PM



#90
Hexachloroethane
Concen: 2.085 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

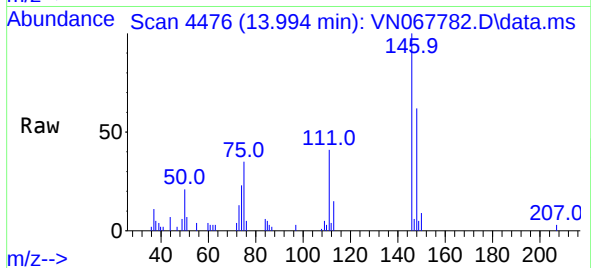
Tgt Ion: 117 Resp: 4932
Ion Ratio Lower Upper
117 100
201 63.7 33.5 100.5





#91
1,2-Dichlorobenzene
Concen: 2.544 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

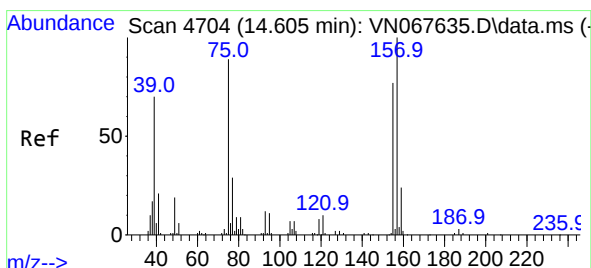
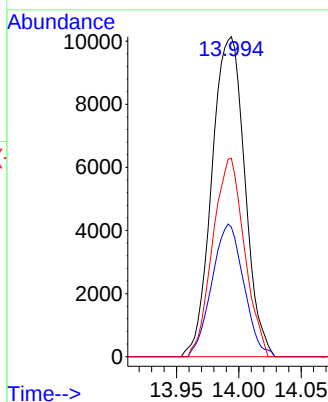
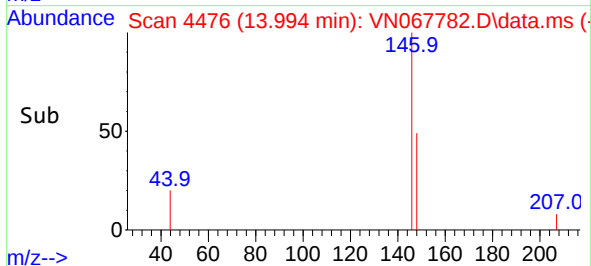
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



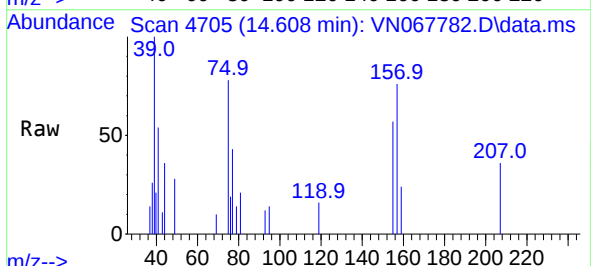
Tgt Ion:146 Resp: 18607
Ion Ratio Lower Upper
146 100
111 40.2 24.9 74.6
148 59.7 31.6 95.0

Manual Integrations
APPROVED

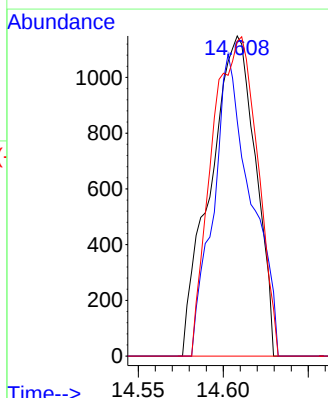
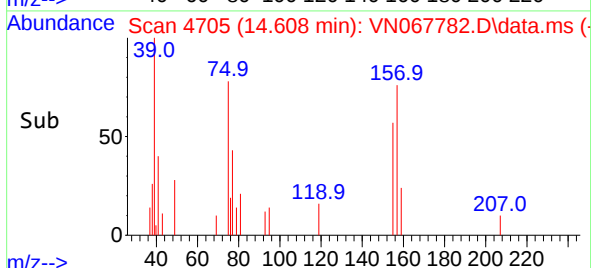
MMDadoda
7/19/2021 5:54:07 PM

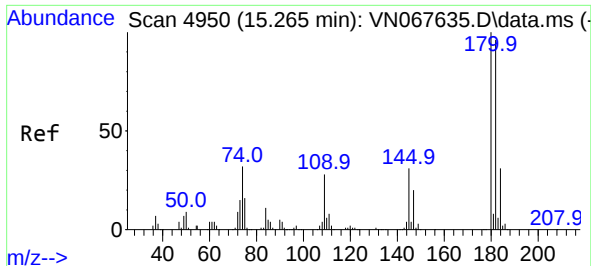


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.285 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



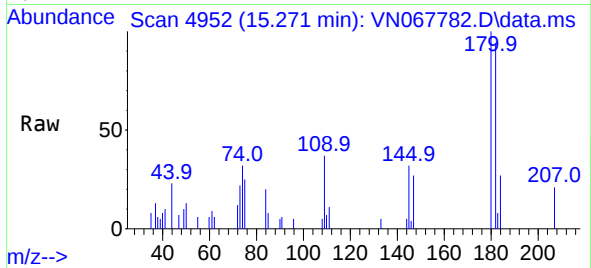
Tgt Ion: 75 Resp: 2126
Ion Ratio Lower Upper
75 100
155 78.4 29.8 89.5
157 100.3 37.6 112.8





#93
1,2,4-Trichlorobenzene
Concen: 2.175 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

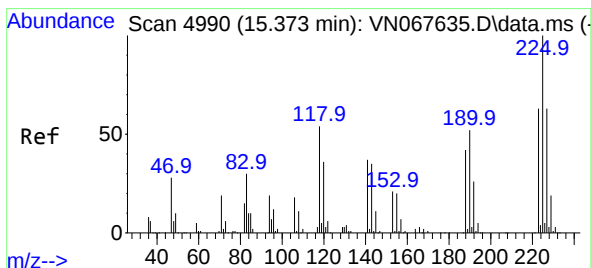
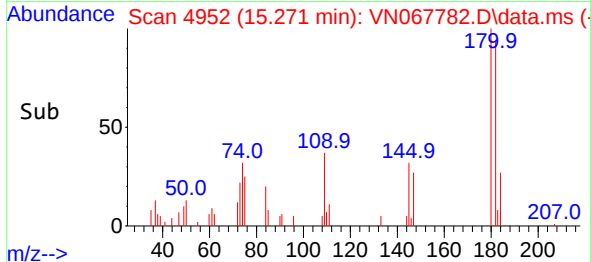
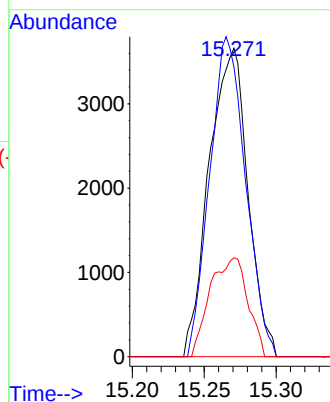
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion:180 Resp: 6849
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 31.3 17.2 51.6

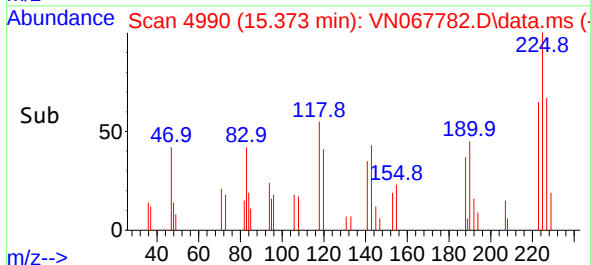
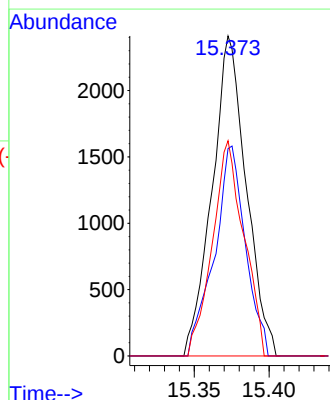
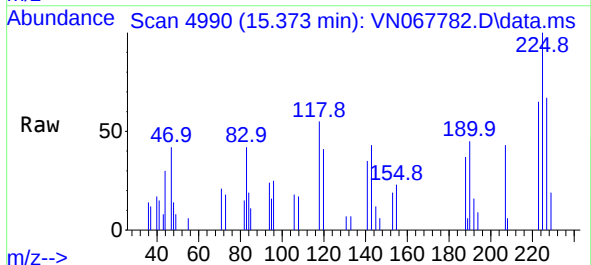
Manual Integrations
APPROVED

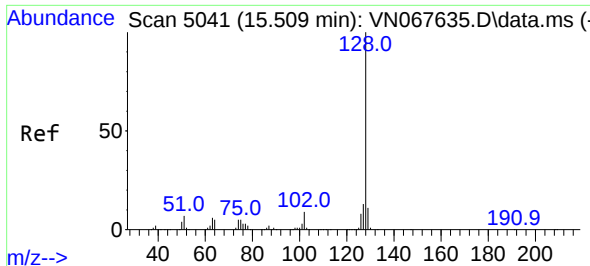
MMDadoda
7/19/2021 5:54:07 PM



#94
Hexachlorobutadiene
Concen: 2.489 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

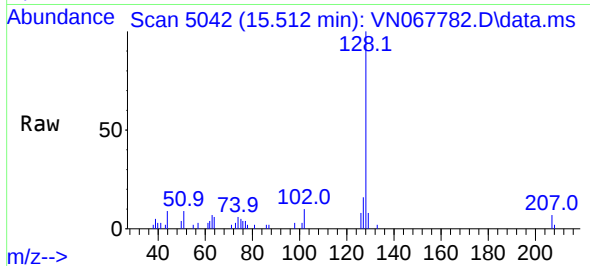
Tgt Ion:225 Resp: 3826
Ion Ratio Lower Upper
225 100
223 60.0 31.4 94.0
227 62.0 31.2 93.6





#95
Naphthalene
Concen: 2.138 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00

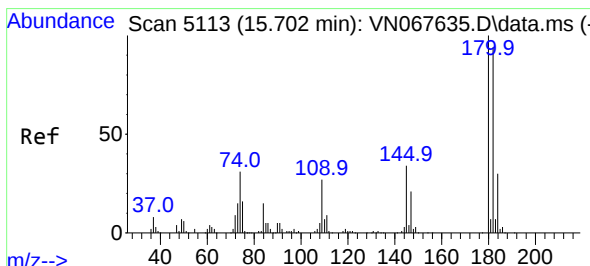
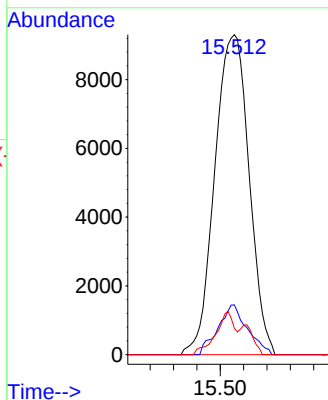
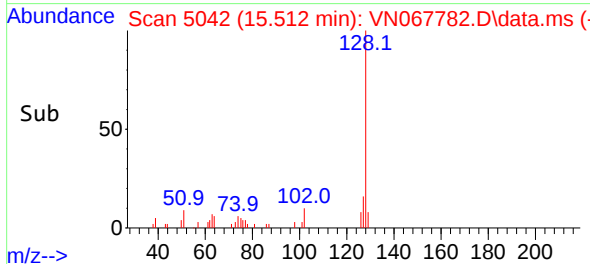
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



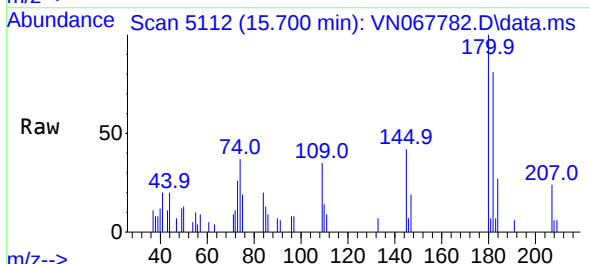
Tgt Ion:128 Resp: 18969
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 7.4 8.6 12.8#

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:54:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.230 ug/l m
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN067782.D
Acq: 16 Jul 2021 19:00



Tgt Ion:180 Resp: 6782
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 34.6 18.2 54.6

