

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067777.D
 Acq On : 16 Jul 2021 16:58
 Operator : JC/MD
 Sample : VN0716WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:53:57 PM

Quant Time: Jul 17 04:59:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	390887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	733089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	743354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	383012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	290996	49.259	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.520%		
35) Dibromofluoromethane	8.021	113	216977	48.988	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.980%		
50) Toluene-d8	10.443	98	884970	47.735	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.460%		
62) 4-Bromofluorobenzene	12.733	95	349570	53.377	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	78799	23.717	ug/l	99
3) Chloromethane	2.301	50	98897	18.794	ug/l	95
4) Vinyl Chloride	2.443	62	144531	18.198	ug/l	98
5) Bromomethane	2.848	94	104875	16.091	ug/l	98
6) Chloroethane	3.017	64	103803	17.124	ug/l	99
7) Trichlorofluoromethane	3.368	101	250143	18.617	ug/l	98
8) Diethyl Ether	3.813	74	71818	22.716	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.202	101	75262	20.775	ug/l	95
10) Methyl Iodide	4.414	142	81829	18.962	ug/l	91
11) Tert butyl alcohol	5.387	59	72186	85.034	ug/l	100
12) 1,1-Dichloroethene	4.175	96	68778	19.788	ug/l	84
13) Acrolein	4.038	56	45291	107.067	ug/l	100
14) Allyl chloride	4.832	41	117345	18.367	ug/l	96
15) Acrylonitrile	5.559	53	202301	96.080	ug/l	99
16) Acetone	4.293	43	170752	91.859	ug/l	95
17) Carbon Disulfide	4.521	76	172013	17.867	ug/l	98
18) Methyl Acetate	4.856	43	98358	18.839	ug/l	96
19) Methyl tert-butyl Ether	5.623	73	275000	19.093	ug/l	100
20) Methylene Chloride	5.095	84	91310	20.633	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	79474	19.340	ug/l	86
22) Diisopropyl ether	6.498	45	273269	18.849	ug/l	98
23) Vinyl Acetate	6.436	43	1125187	90.778	ug/l	95
24) 1,1-Dichloroethane	6.385	63	151783	18.780	ug/l	98
25) 2-Butanone	7.343	43	279820	90.654	ug/l	94
26) 2,2-Dichloropropane	7.327	77	130921	18.536	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	97476	18.955	ug/l	86
28) Bromochloromethane	7.659	49	69030	17.503	ug/l	# 81
29) Tetrahydrofuran	7.691	42	181721	89.524	ug/l	91
30) Chloroform	7.817	83	169733	18.696	ug/l	98
31) Cyclohexane	8.094	56	138643	16.738	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	147565	18.745	ug/l	99
36) 1,1-Dichloropropene	8.222	75	120534	17.700	ug/l	95
37) Ethyl Acetate	7.418	43	116490	17.655	ug/l	98
38) Carbon Tetrachloride	8.206	117	122859	18.291	ug/l	96
39) Methylcyclohexane	9.461	83	132487	17.772	ug/l	92
40) Benzene	8.464	78	366475	17.979	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067777.D
 Acq On : 16 Jul 2021 16:58
 Operator : JC/MD
 Sample : VN0716WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:53:57 PM

Quant Time: Jul 17 04:59:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	58138	17.144	ug/l	92
42) 1,2-Dichloroethane	8.533	62	133306	17.610	ug/l	96
43) Isopropyl Acetate	8.563	43	206718	17.811	ug/l	97
44) Trichloroethene	9.217	130	93219	18.020	ug/l	88
45) 1,2-Dichloropropane	9.491	63	92406	17.905	ug/l	100
46) Dibromomethane	9.579	93	67345	18.391	ug/l	94
47) Bromodichloromethane	9.764	83	128653	17.971	ug/l	99
48) Methyl methacrylate	9.563	41	91463	17.817	ug/l	95
49) 1,4-Dioxane	9.571	88	31870	334.160	ug/l	93
51) 4-Methyl-2-Pentanone	10.333	43	653937	91.713	ug/l	96
52) Toluene	10.507	92	244329	18.299	ug/l	95
53) t-1,3-Dichloropropene	10.722	75	138713	17.438	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	145990	18.337	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	96589	18.876	ug/l	96
56) Ethyl methacrylate	10.765	69	155106	19.675	ug/l	92
57) 1,3-Dichloropropane	11.046	76	163491	18.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	189020	100.808	ug/l	92
59) 2-Hexanone	11.089	43	465465	93.522	ug/l	95
60) Dibromochloromethane	11.240	129	94956	16.764	ug/l	99
61) 1,2-Dibromoethane	11.349	107	100673	19.271	ug/l	100
64) Tetrachloroethene	10.979	164	93169	17.756	ug/l	94
65) Chlorobenzene	11.773	112	271498	17.783	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	99756	18.576	ug/l	97
67) Ethyl Benzene	11.848	91	506844	18.236	ug/l	96
68) m/p-Xylenes	11.956	106	380163	36.164	ug/l	89
69) o-Xylene	12.283	106	199420	19.295	ug/l	85
70) Styrene	12.296	104	321239	19.430	ug/l	93
71) Bromoform	12.460	173	64613	15.878	ug/l #	98
73) Isopropylbenzene	12.581	105	516247	16.705	ug/l	92
74) N-amyl acetate	12.390	43	300040	26.763	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	149511	16.670	ug/l #	97
76) 1,2,3-Trichloropropane	12.881	75	128966m	16.488	ug/l	
77) Bromobenzene	12.862	156	121046	17.698	ug/l	72
78) n-propylbenzene	12.921	91	593362	16.976	ug/l	95
79) 2-Chlorotoluene	13.010	91	354642	16.795	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	429675	17.160	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	34722	14.312	ug/l	97
82) 4-Chlorotoluene	13.106	91	349680	16.735	ug/l	91
83) tert-Butylbenzene	13.326	119	385525	18.054	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	435068	17.732	ug/l	92
85) sec-Butylbenzene	13.503	105	550670	18.633	ug/l	96
86) p-Isopropyltoluene	13.618	119	462607	19.398	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	232135	18.295	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	228047	17.554	ug/l	95
89) n-Butylbenzene	13.943	91	380451	18.599	ug/l	97
90) Hexachloroethane	14.214	117	70601	17.824	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	231456	18.897	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	28223	18.118	ug/l	61
93) 1,2,4-Trichlorobenzene	15.265	180	117901	20.165	ug/l	99
94) Hexachlorobutadiene	15.372	225	55079	21.401	ug/l	99
95) Naphthalene	15.507	128	339674	20.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	112071	19.992	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
Data File : VN067777.D
Acq On : 16 Jul 2021 16:58
Operator : JC/MD
Sample : VN0716WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

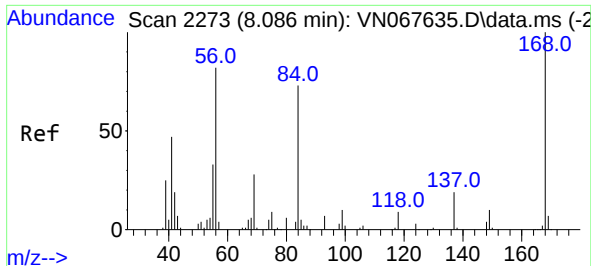
Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM

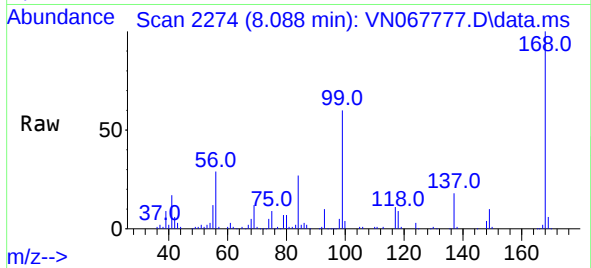
Quant Time: Jul 17 04:59:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

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

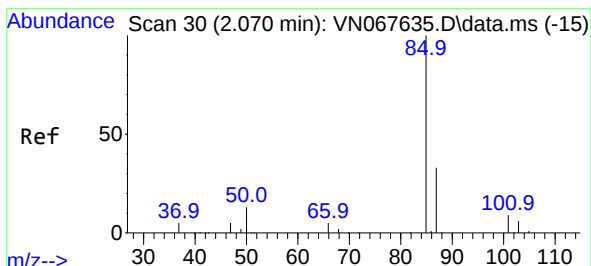
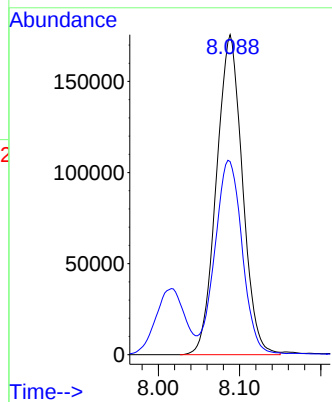
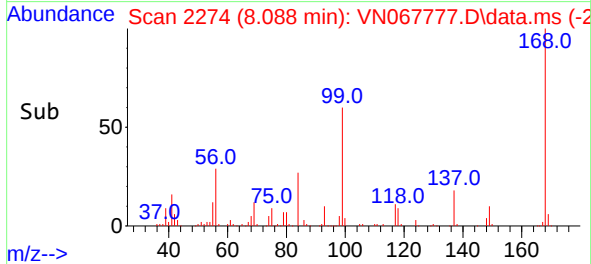
(#) = qualifier out of range (m) = manual integration (+) = signals summed



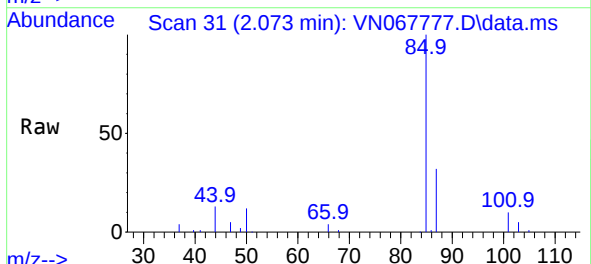
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



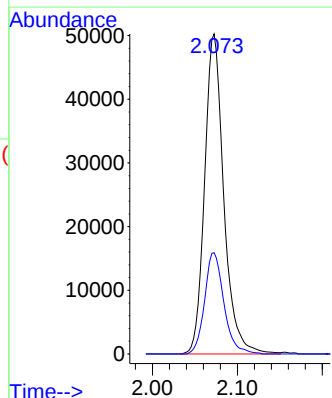
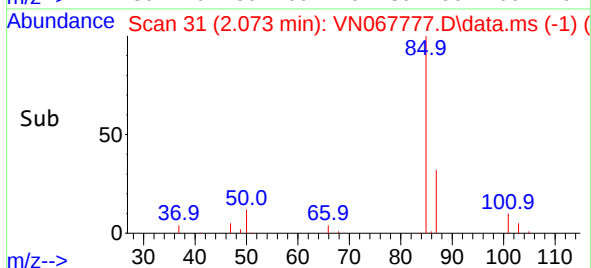
Tgt Ion: 168 Resp: 390887
Ion Ratio Lower Upper
168 100
99 59.8 62.9 94.3#



#2
Dichlorodifluoromethane
Concen: 23.717 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



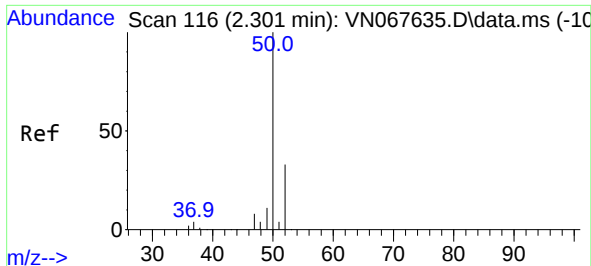
Tgt Ion: 85 Resp: 78799
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2



Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



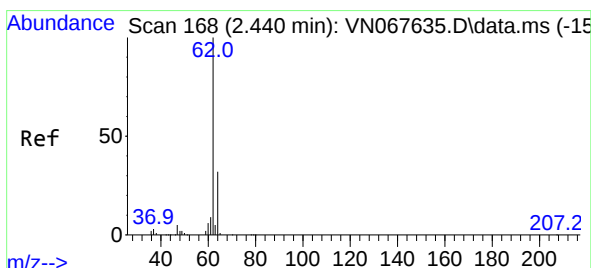
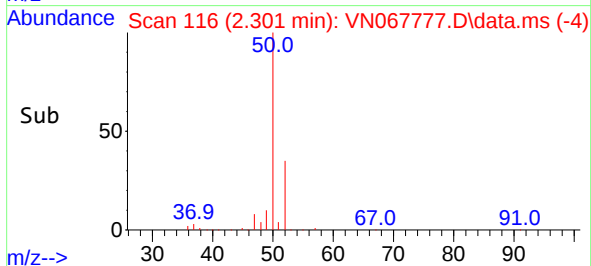
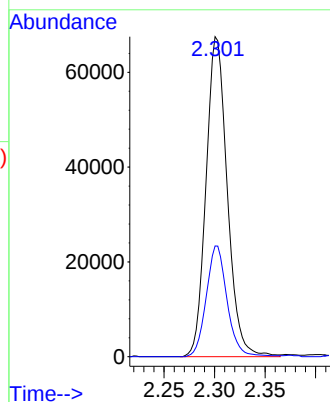
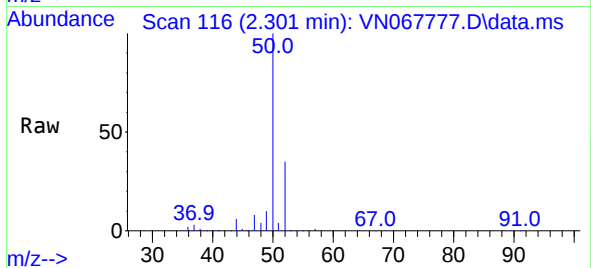
#3
Chloromethane
Concen: 18.794 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 50 Resp: 98897
Ion Ratio Lower Upper
50 100
52 34.6 25.6 38.4

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

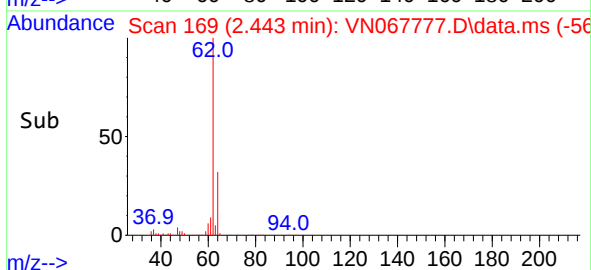
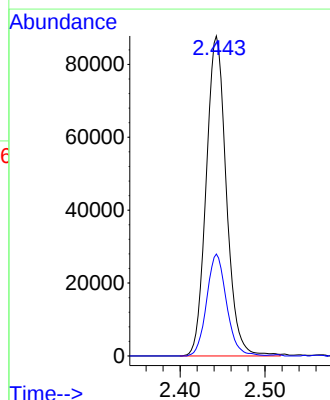
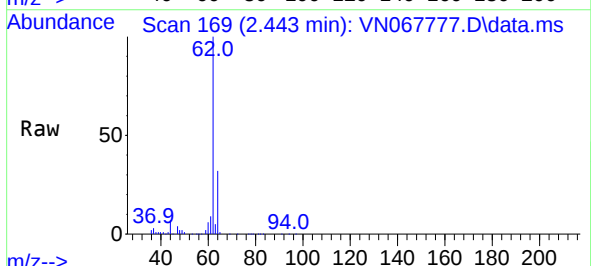
Manual Integrations
APPROVED

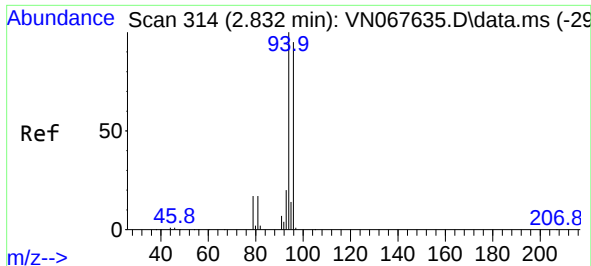
MMDadoda
7/19/2021 5:53:57 PM



#4
Vinyl Chloride
Concen: 18.198 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

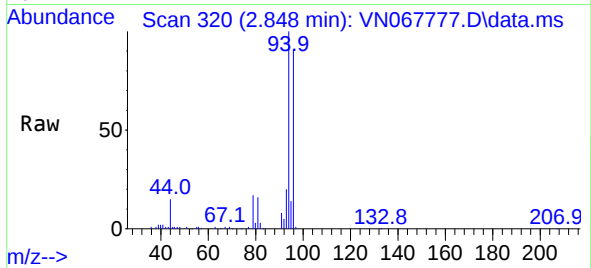
Tgt Ion: 62 Resp: 144531
Ion Ratio Lower Upper
62 100
64 31.9 24.4 36.6





#5
Bromomethane
Concen: 16.091 ug/l
RT: 2.848 min Scan# 320
Delta R.T. 0.016 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

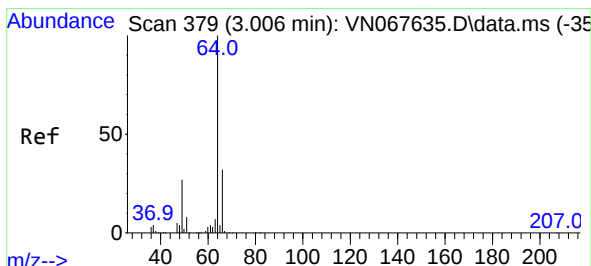
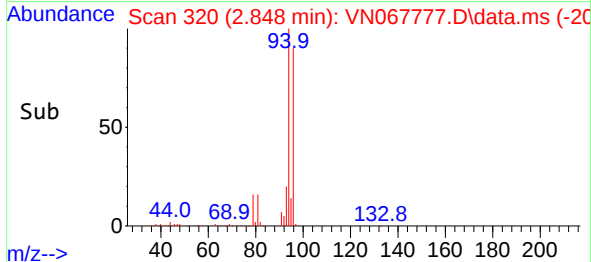
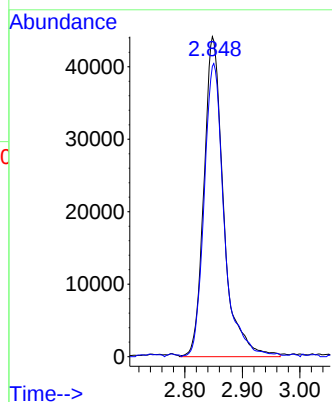
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01



Tgt Ion: 94 Resp: 104875
Ion Ratio Lower Upper
94 100
96 90.3 73.7 110.5

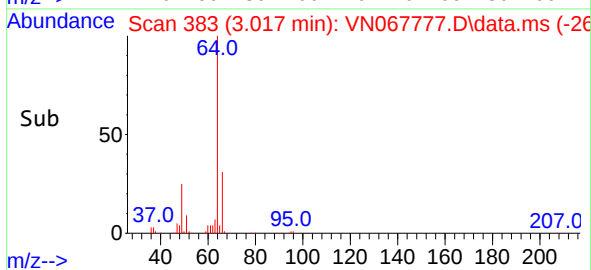
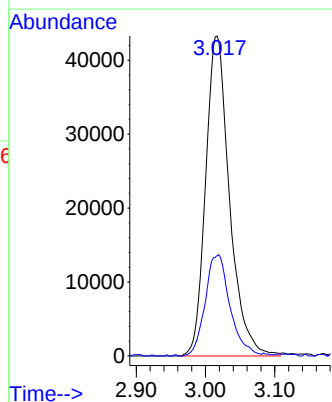
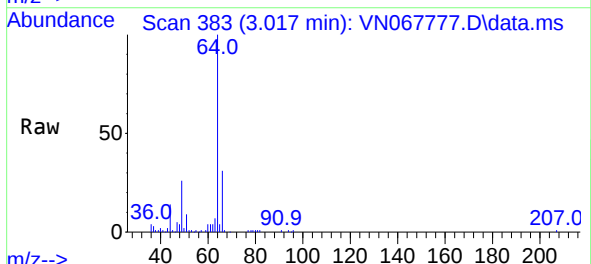
Manual Integrations
APPROVED

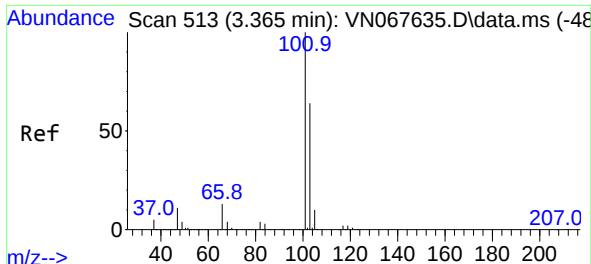
MMDadoda
7/19/2021 5:53:57 PM



#6
Chloroethane
Concen: 17.124 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.011 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 64 Resp: 103803
Ion Ratio Lower Upper
64 100
66 31.3 24.7 37.1





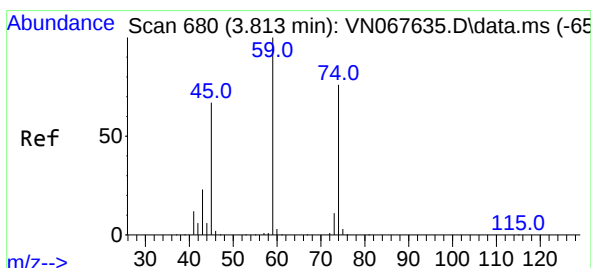
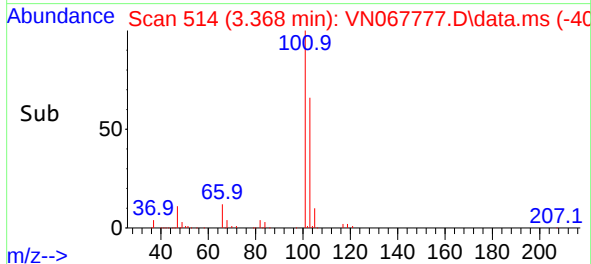
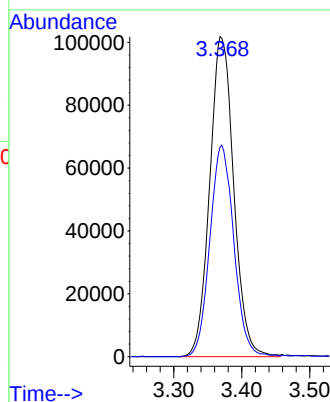
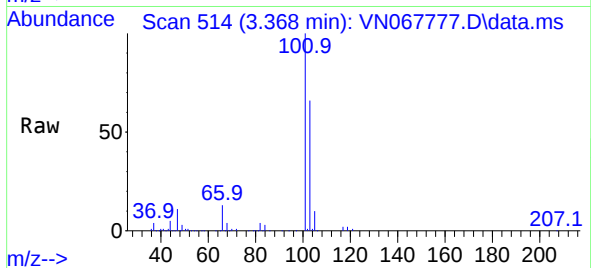
#7
Trichlorofluoromethane
Concen: 18.617 ug/l
RT: 3.368 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:101 Resp: 250143
Ion Ratio Lower Upper
101 100
103 65.6 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

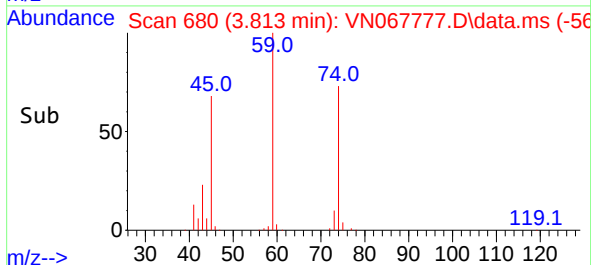
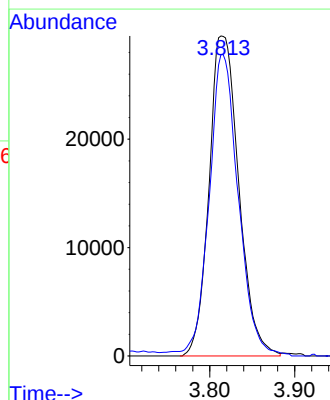
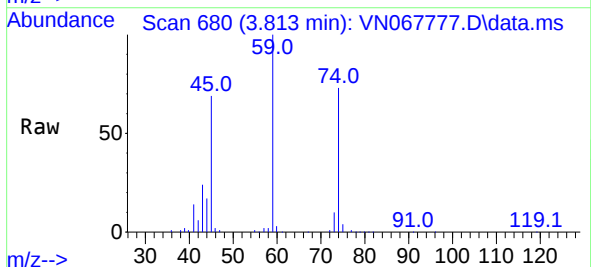
Manual Integrations
APPROVED

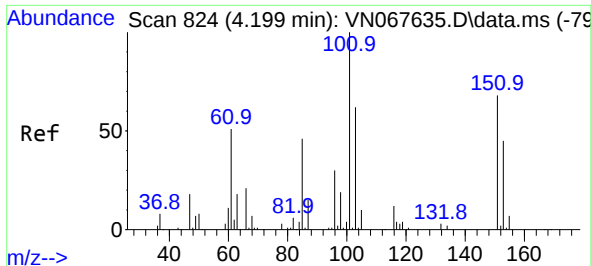
MMDadoda
7/19/2021 5:53:57 PM



#8
Diethyl Ether
Concen: 22.716 ug/l
RT: 3.813 min Scan# 680
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 74 Resp: 71818
Ion Ratio Lower Upper
74 100
45 92.3 50.2 150.7





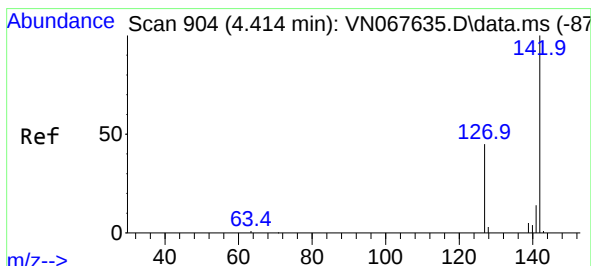
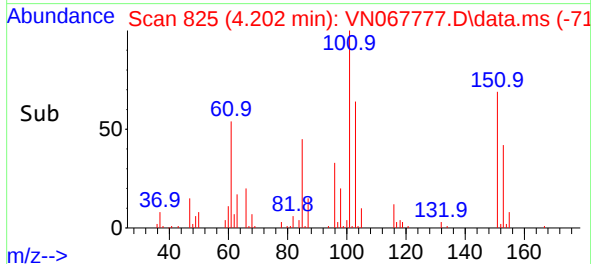
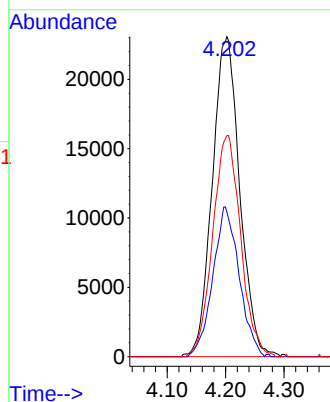
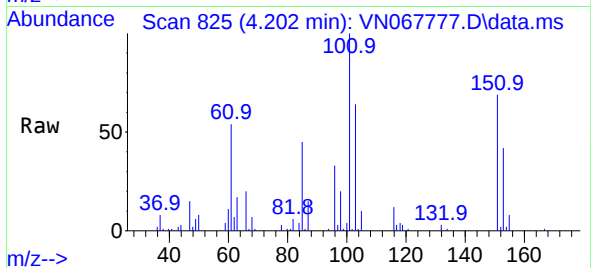
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.775 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:	101	Resp:	75262
Ion	Ratio	Lower	Upper
101	100		
85	44.8	39.6	59.4
151	70.4	54.1	81.1

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

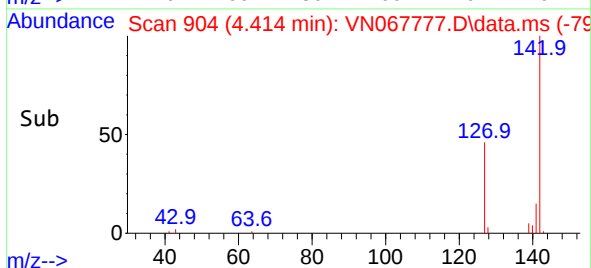
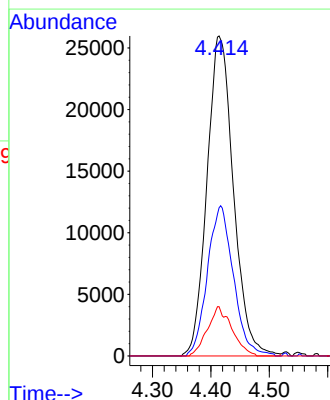
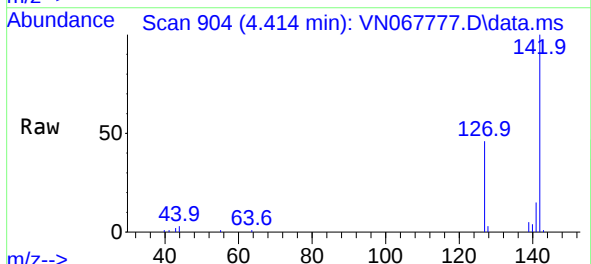
Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



#10
Methyl Iodide
Concen: 18.962 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:	142	Resp:	81829
Ion	Ratio	Lower	Upper
142	100		
127	46.1	43.1	64.7
141	14.3	11.4	17.0





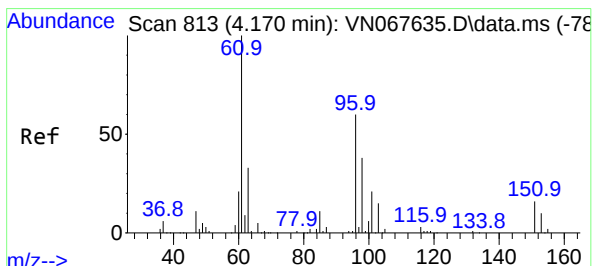
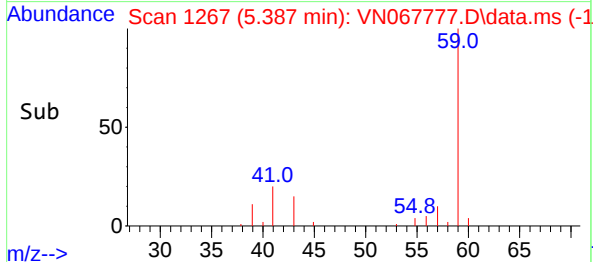
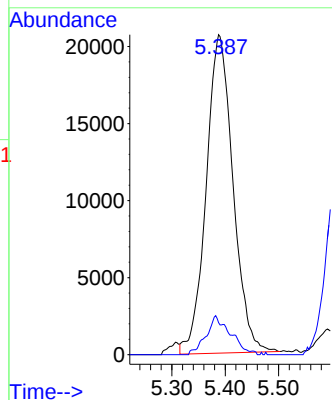
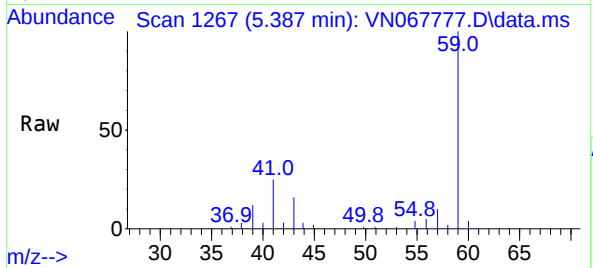
#11
Tert butyl alcohol
Concen: 85.034 ug/l
RT: 5.387 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 59 Resp: 72186
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

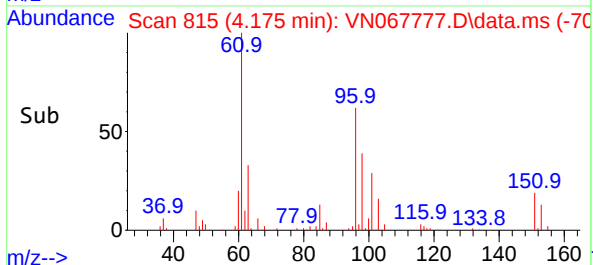
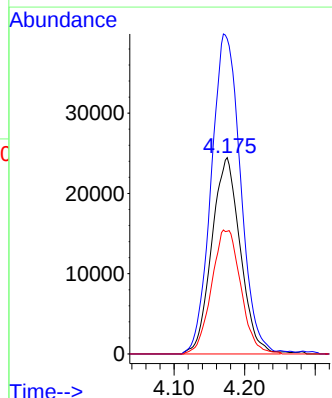
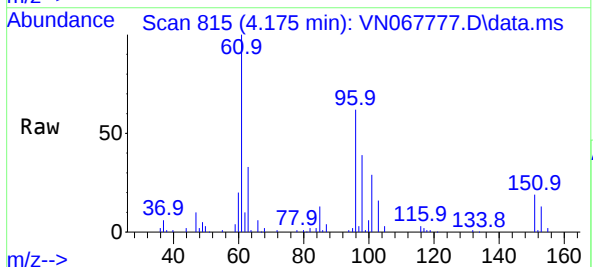
Manual Integrations
APPROVED

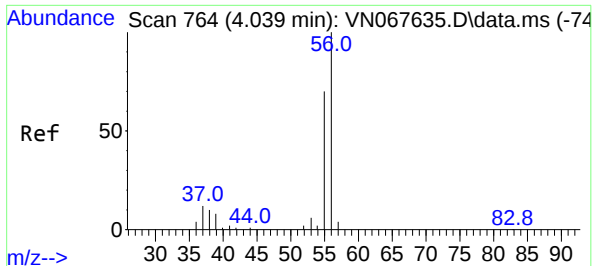
MMDadoda
7/19/2021 5:53:57 PM



#12
1,1-Dichloroethene
Concen: 19.788 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.005 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

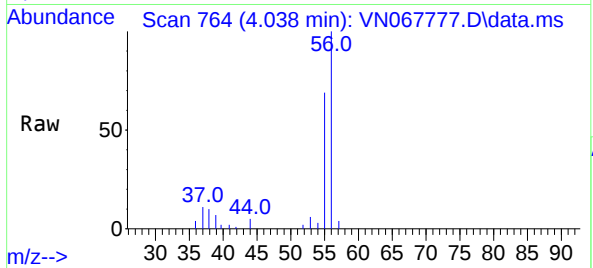
Tgt Ion: 96 Resp: 68778
Ion Ratio Lower Upper
96 100
61 160.5 152.6 229.0
98 62.5 50.9 76.3



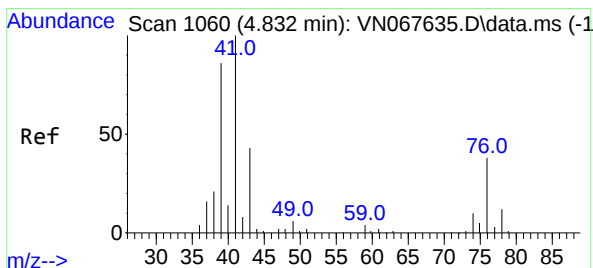
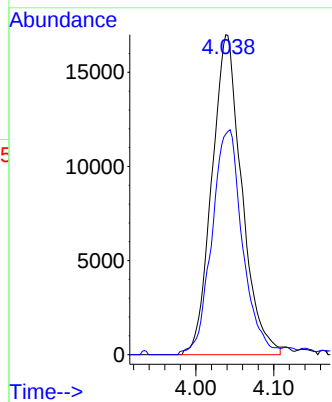
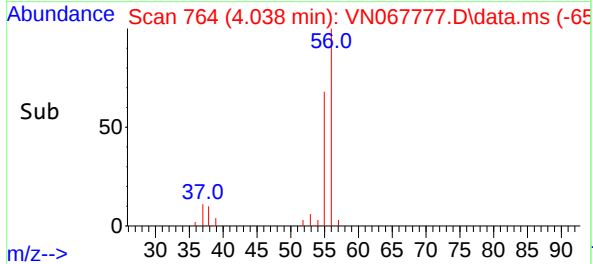


#13
Acrolein
Concen: 107.067 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.001 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

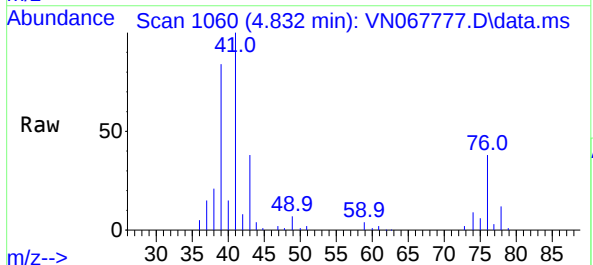
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01



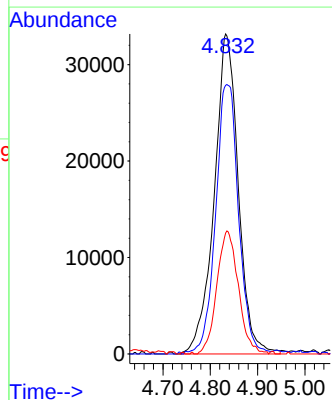
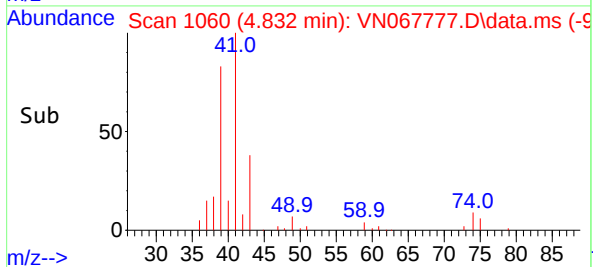
Tgt Ion: 56 Resp: 45291
Ion Ratio Lower Upper
56 100
55 72.0 57.4 86.0



#14
Allyl chloride
Concen: 18.367 ug/l
RT: 4.832 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



Tgt Ion: 41 Resp: 117345
Ion Ratio Lower Upper
41 100
39 78.1 60.9 91.3
76 34.4 24.3 36.5





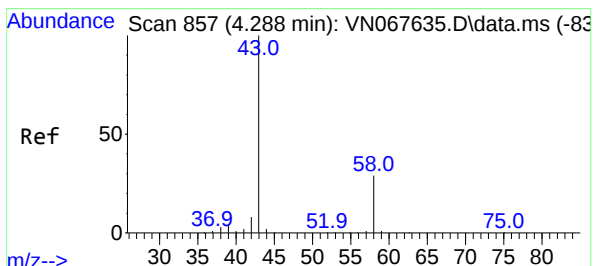
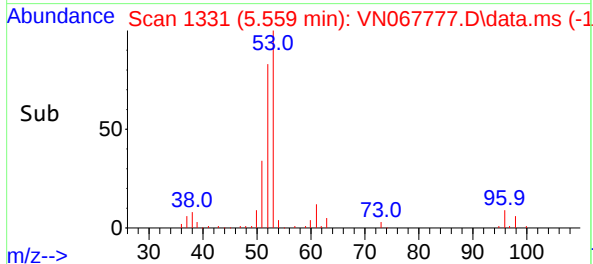
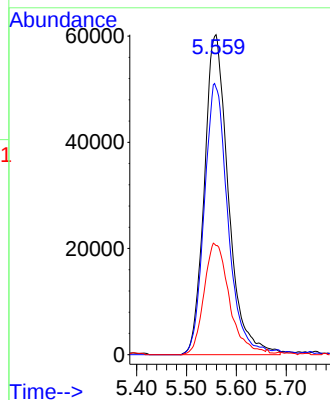
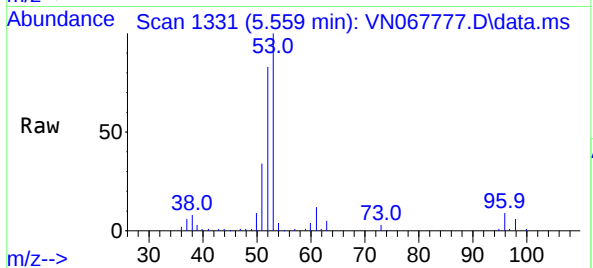
#15
Acrylonitrile
Concen: 96.080 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 53 Resp: 202301
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.8 30.2 45.4

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

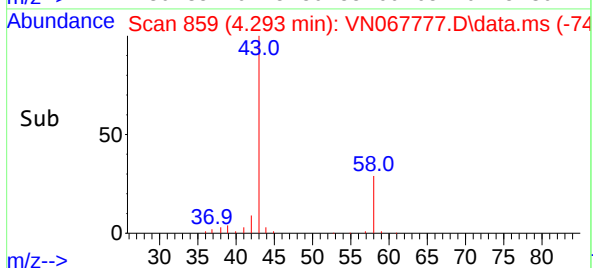
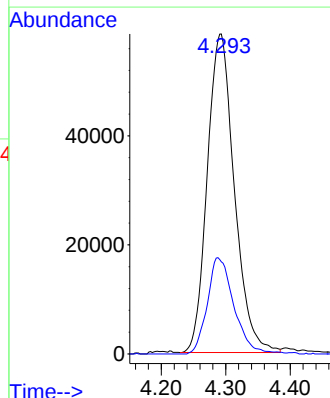
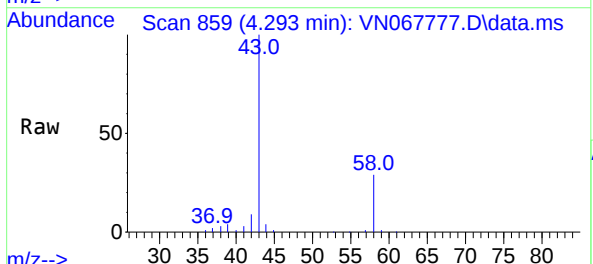
Manual Integrations
APPROVED

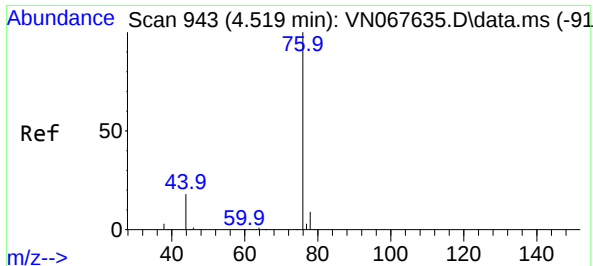
MMDadoda
7/19/2021 5:53:57 PM



#16
Acetone
Concen: 91.859 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 43 Resp: 170752
Ion Ratio Lower Upper
43 100
58 28.9 21.2 31.8





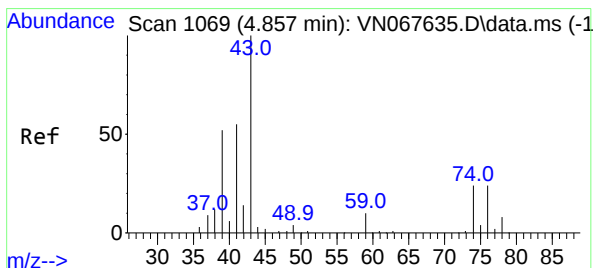
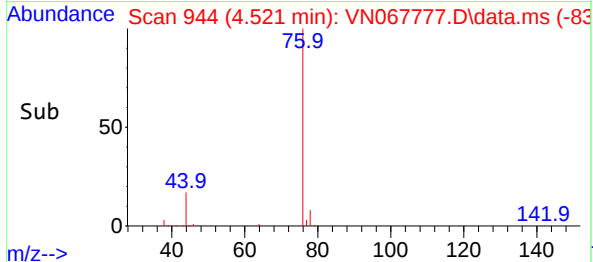
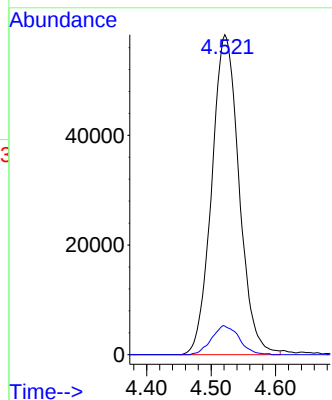
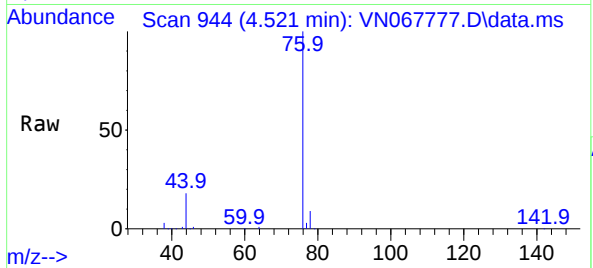
#17
Carbon Disulfide
Concen: 17.867 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 76 Resp: 172013
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

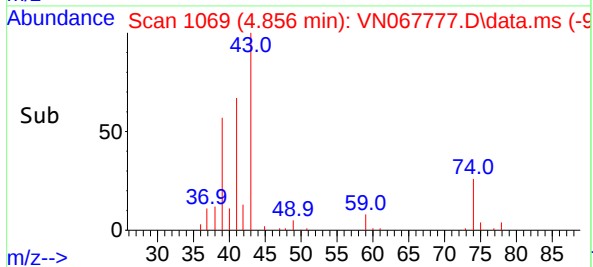
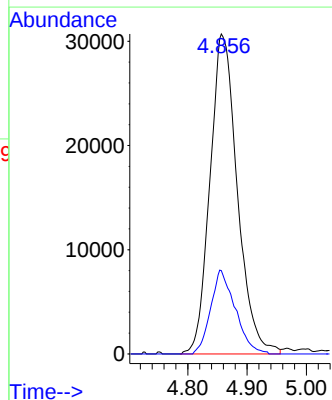
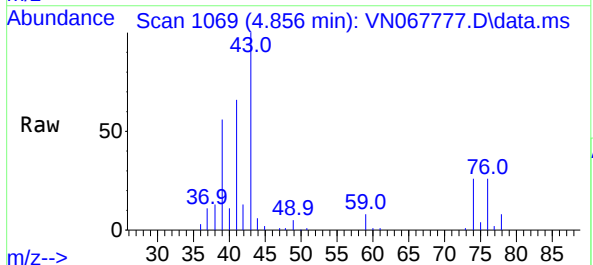
Manual Integrations
APPROVED

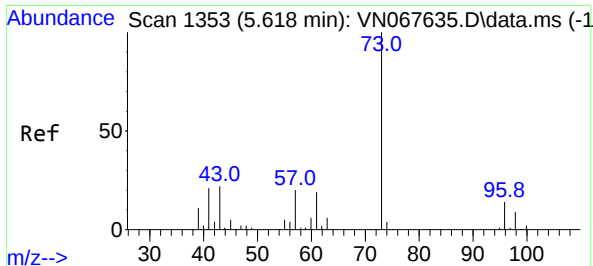
MMDadoda
7/19/2021 5:53:57 PM



#18
Methyl Acetate
Concen: 18.839 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 43 Resp: 98358
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0





#19

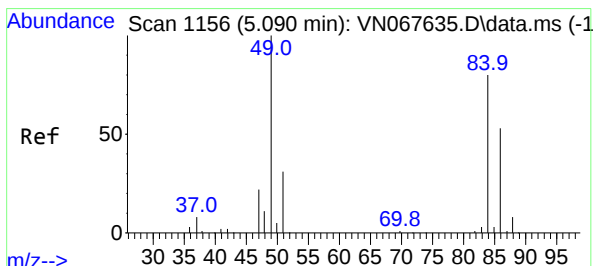
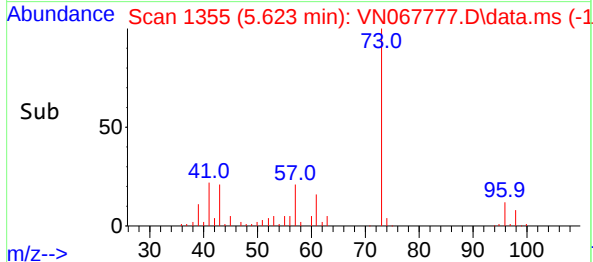
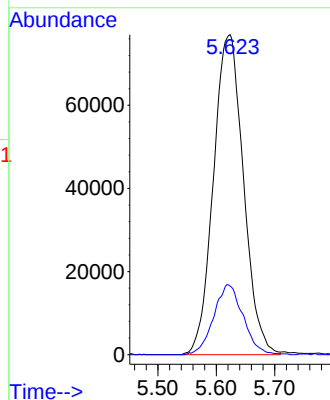
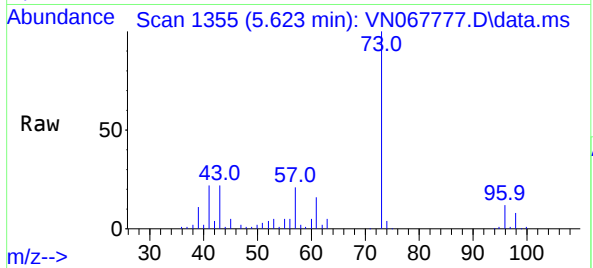
Methyl tert-butyl Ether
Concen: 19.093 ug/l
RT: 5.623 min Scan# 1355
Delta R.T. 0.005 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 73 Resp: 275000
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

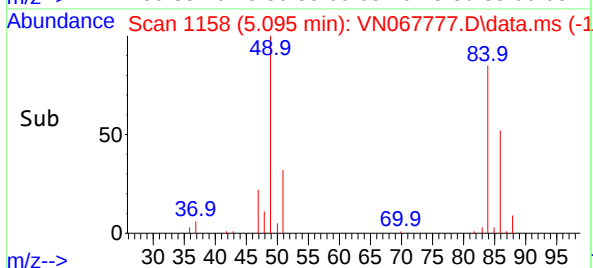
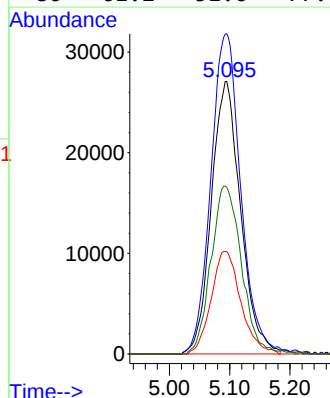
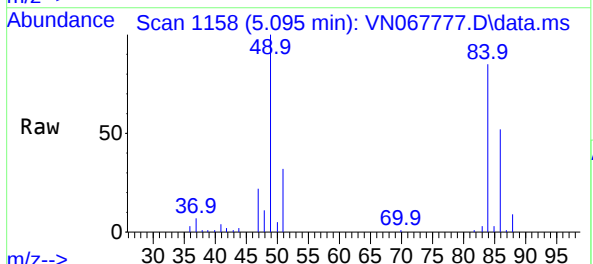
MMDadoda
7/19/2021 5:53:57 PM



#20

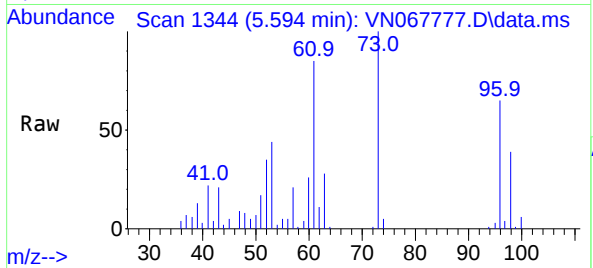
Methylene Chloride
Concen: 20.633 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 84 Resp: 91310
Ion Ratio Lower Upper
84 100
49 117.4 110.9 166.3
51 37.6 32.6 49.0
86 61.2 51.6 77.4

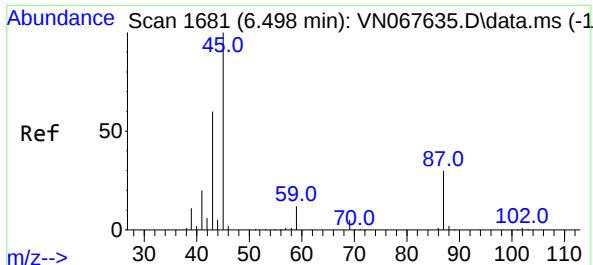
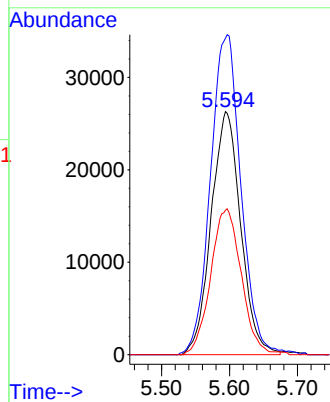
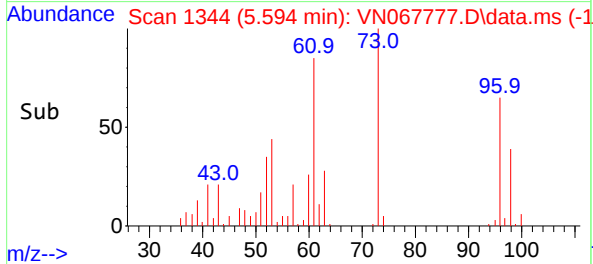




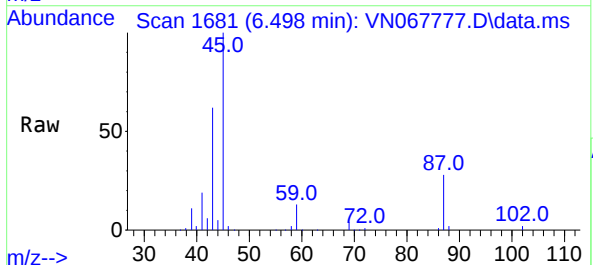
#21
trans-1,2-Dichloroethene
Concen: 19.340 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



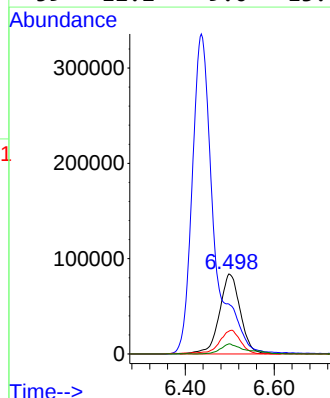
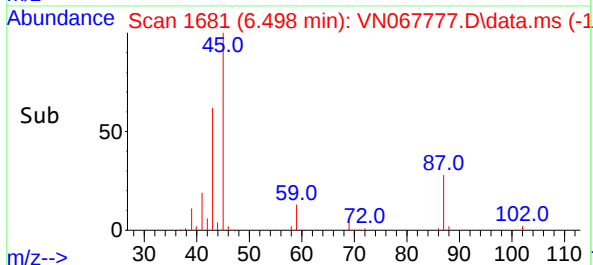
Tgt Ion: 96 Resp: 79474
Ion Ratio Lower Upper
96 100
61 129.6 123.5 185.3
98 59.4 48.6 72.8



#22
Diisopropyl ether
Concen: 18.849 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



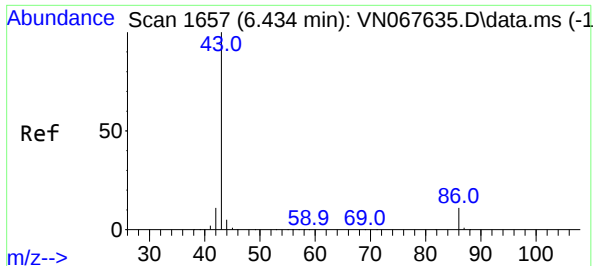
Tgt Ion: 45 Resp: 273269
Ion Ratio Lower Upper
45 100
43 60.9 49.4 74.2
87 28.4 20.9 31.3
59 12.2 9.0 13.4



Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



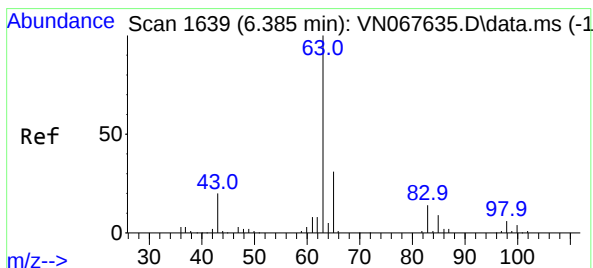
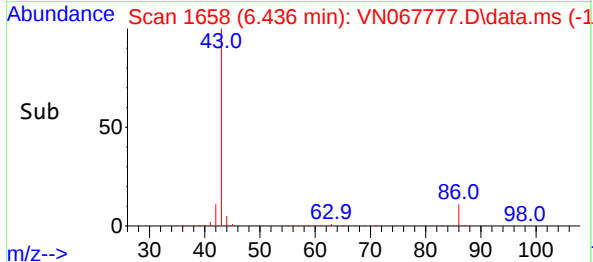
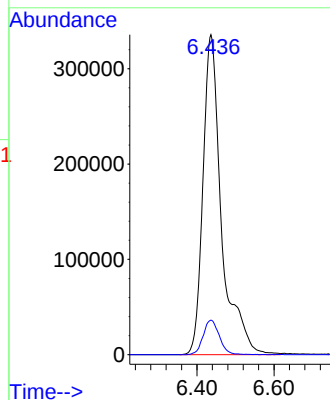
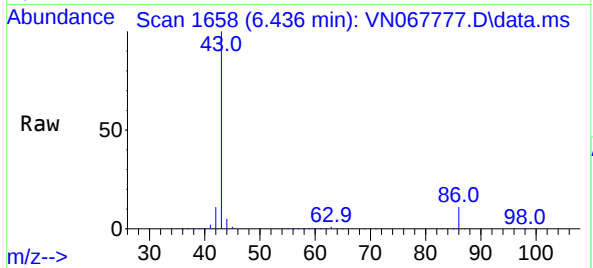
#23
 Vinyl Acetate
 Concen: 90.778 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN067777.D
 Acq: 16 Jul 2021 16:58

Tgt Ion: 43 Resp: 1125187
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.3 10.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

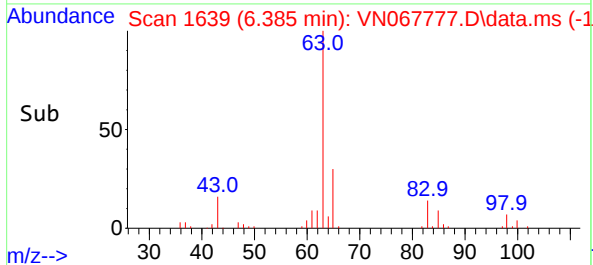
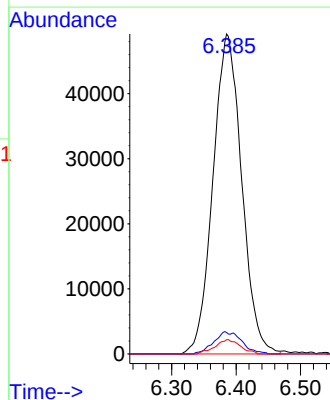
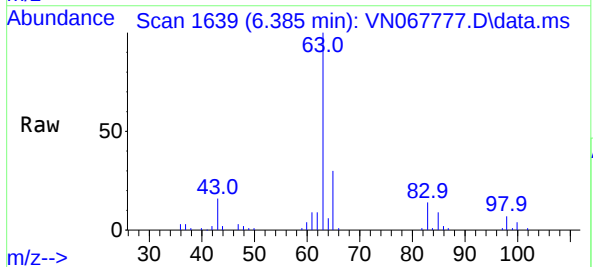
Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:53:57 PM



#24
 1,1-Dichloroethane
 Concen: 18.780 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN067777.D
 Acq: 16 Jul 2021 16:58

Tgt Ion: 63 Resp: 151783
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.0 9.0
 100 4.4 1.9 5.7



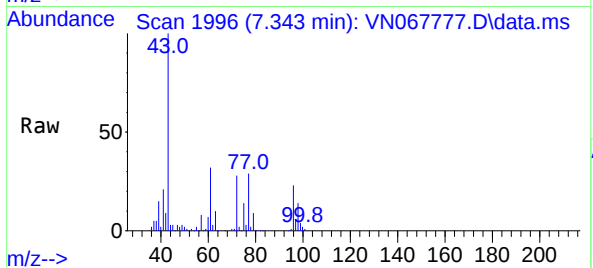


#25
2-Butanone
Concen: 90.654 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

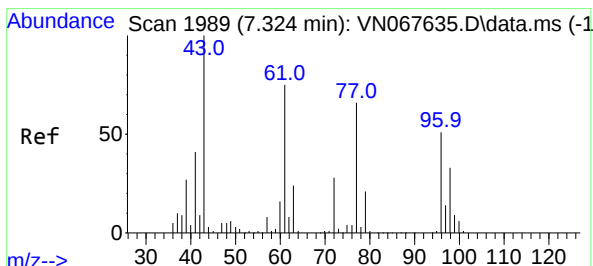
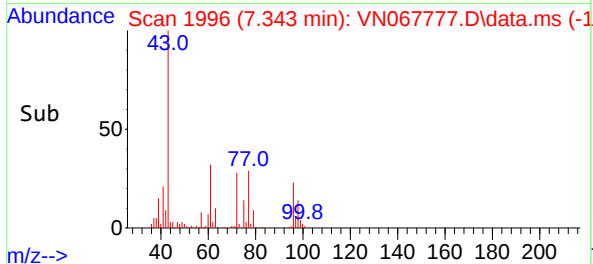
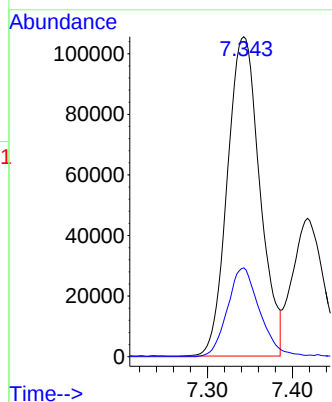
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM

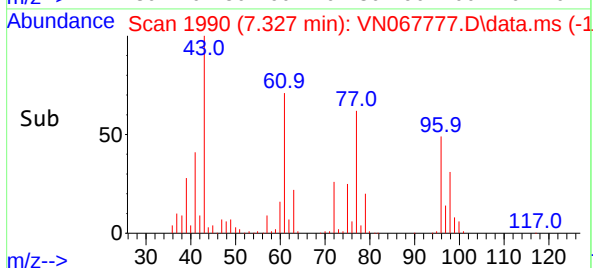
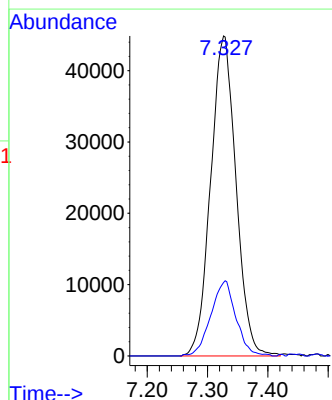
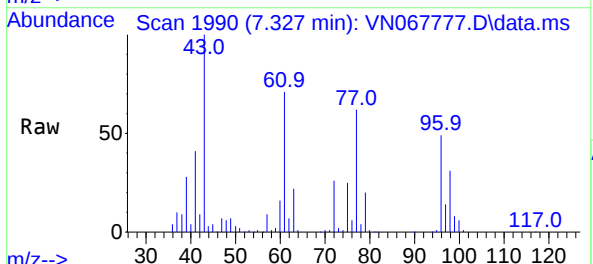


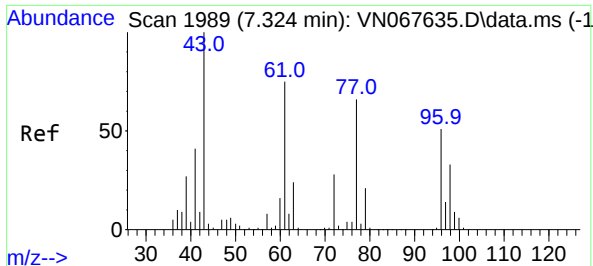
Tgt Ion: 43 Resp: 279820
Ion Ratio Lower Upper
43 100
72 27.8 19.7 29.5



#26
2,2-Dichloropropane
Concen: 18.536 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 77 Resp: 130921
Ion Ratio Lower Upper
77 100
97 23.2 9.8 29.3





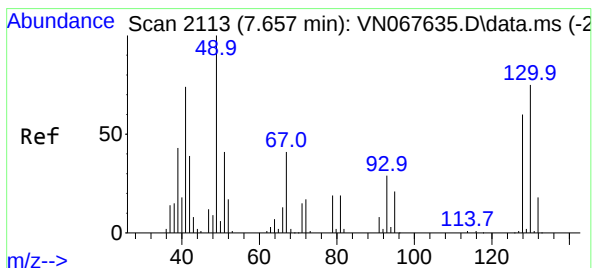
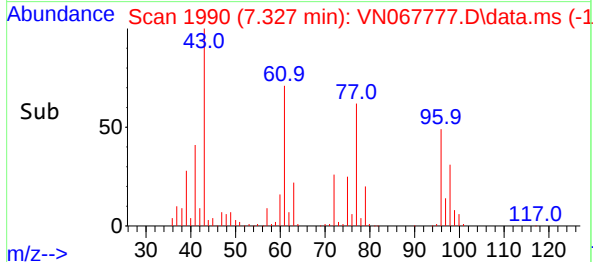
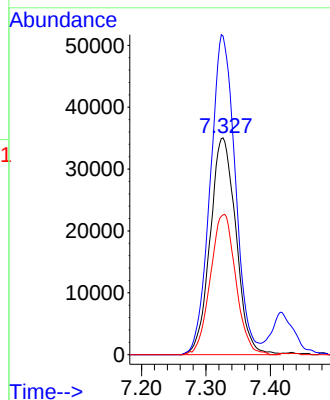
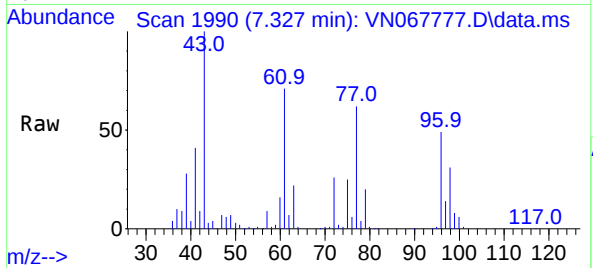
#27
cis-1,2-Dichloroethene
Concen: 18.955 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:	96	Resp:	97476
Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	338.8
98	63.8	0.0	129.8

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

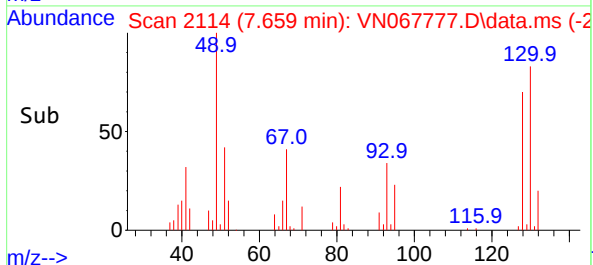
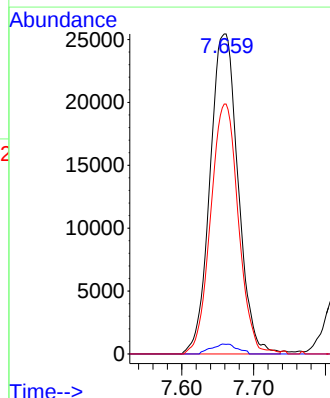
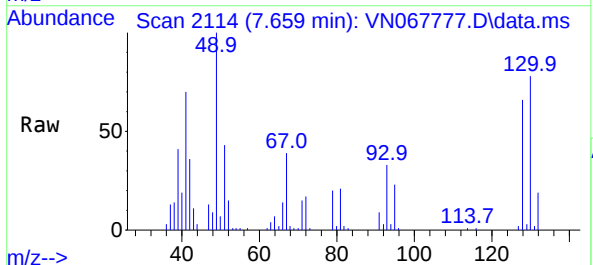
Manual Integrations
APPROVED

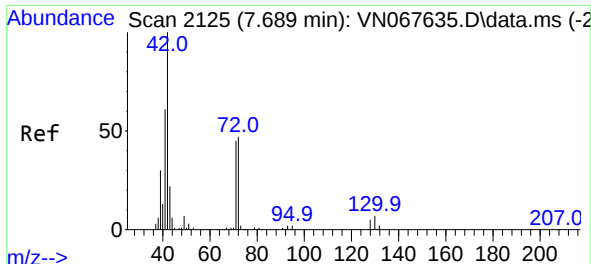
MMDadoda
7/19/2021 5:53:57 PM



#28
Bromochloromethane
Concen: 17.503 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

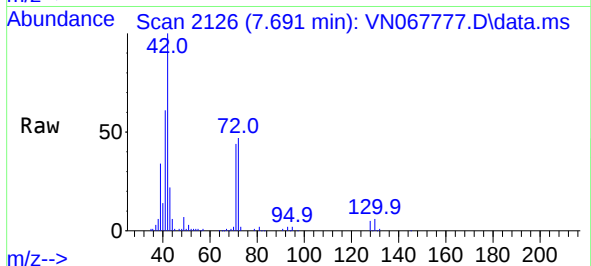
Tgt Ion:	49	Resp:	69030
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	3.8
130	76.9	49.7	74.5#





#29
Tetrahydrofuran
Concen: 89.524 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

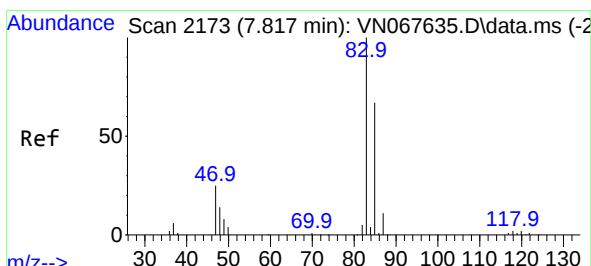
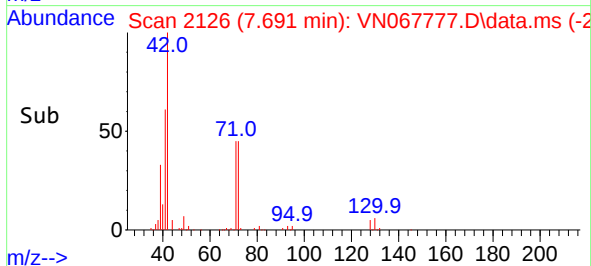
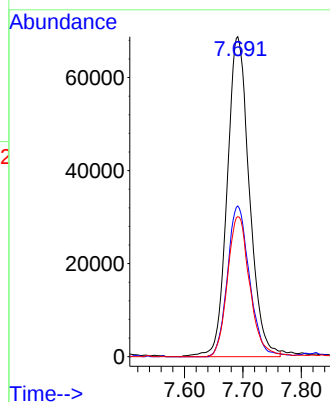
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01



Tgt Ion: 42 Resp: 181721
Ion Ratio Lower Upper
42 100
72 46.8 32.8 49.2
71 44.0 31.2 46.8

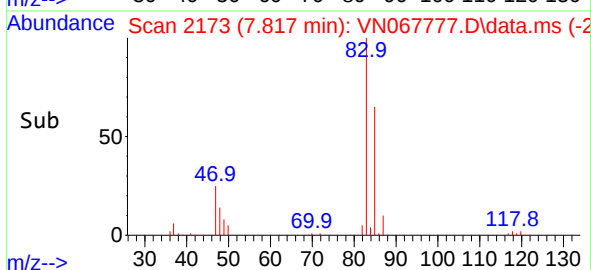
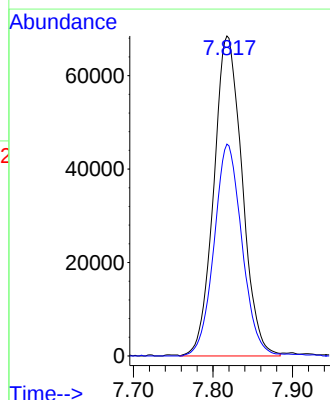
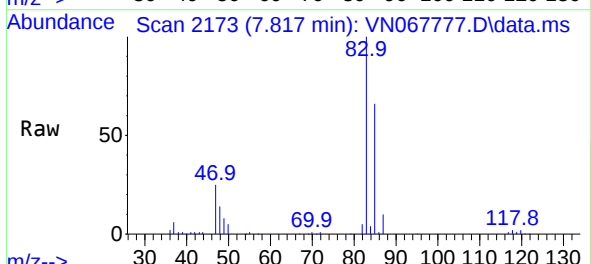
Manual Integrations
APPROVED

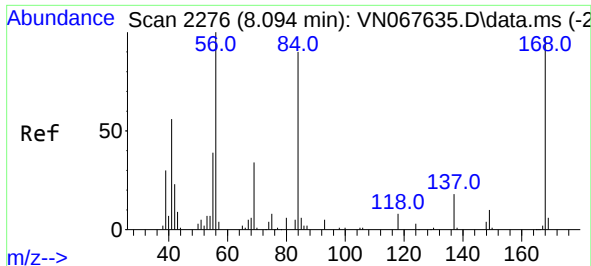
MMDadoda
7/19/2021 5:53:57 PM



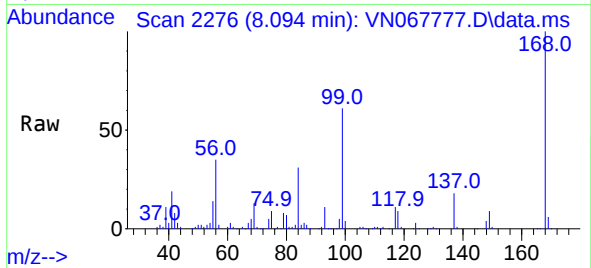
#30
Chloroform
Concen: 18.696 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 83 Resp: 169733
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3

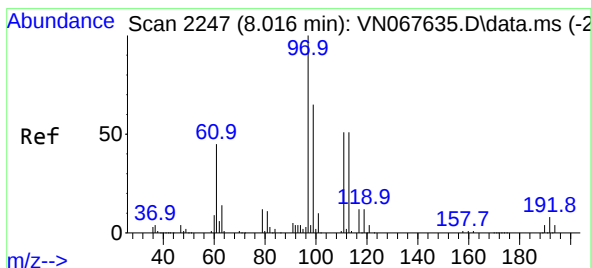
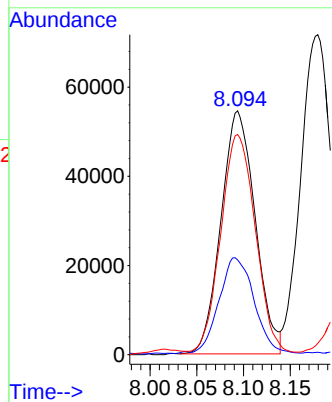
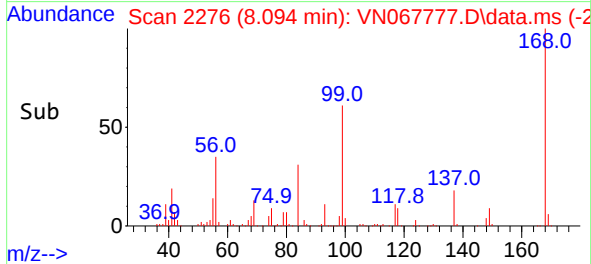




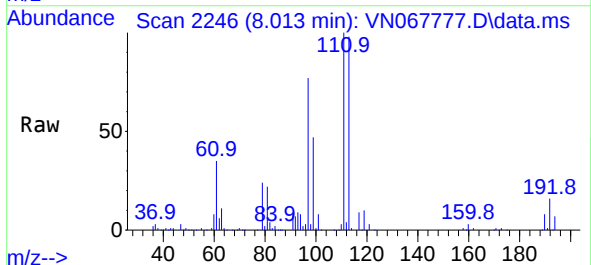
#31
Cyclohexane
Concen: 16.738 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



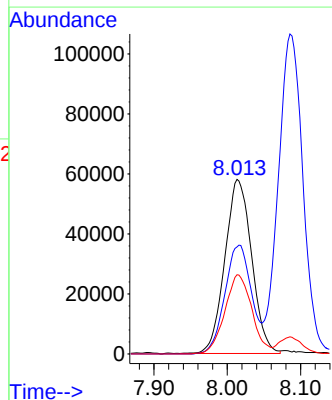
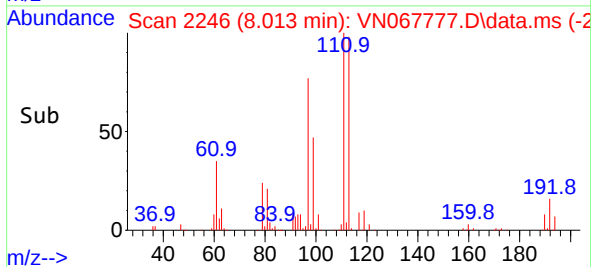
Tgt Ion: 56 Resp: 138643
Ion Ratio Lower Upper
56 100
69 38.2 27.3 40.9
84 89.0 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 18.745 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



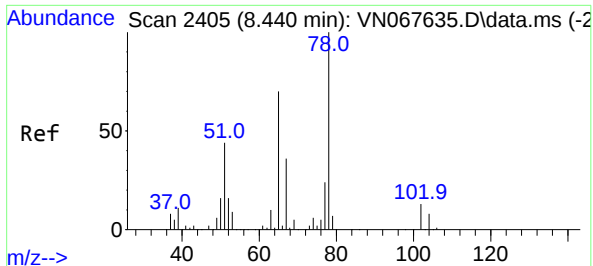
Tgt Ion: 97 Resp: 147565
Ion Ratio Lower Upper
97 100
99 62.5 50.2 75.2
61 46.1 38.2 57.2



Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



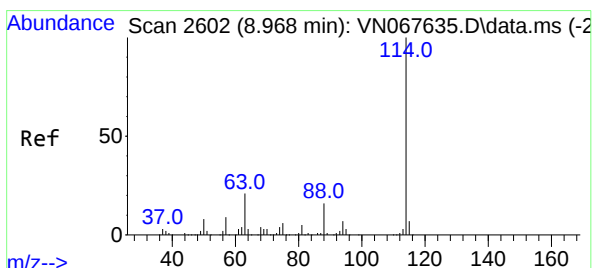
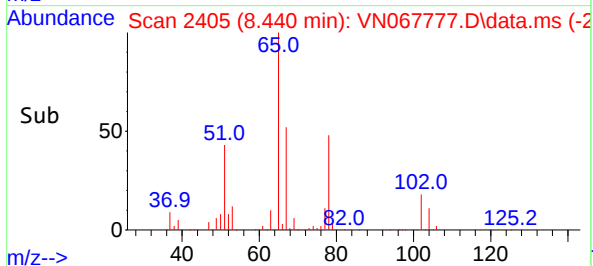
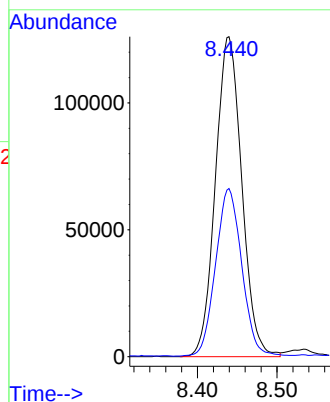
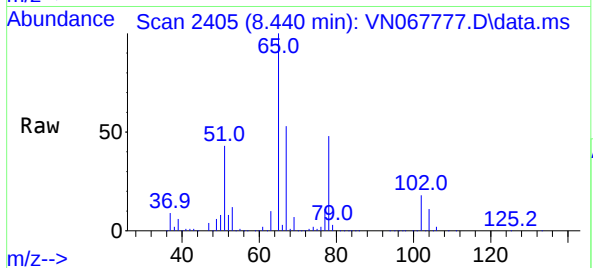
#33
 1,2-Dichloroethane-d4
 Concen: 49.259 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067777.D
 Acq: 16 Jul 2021 16:58

Tgt Ion: 65 Resp: 290996
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 98.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

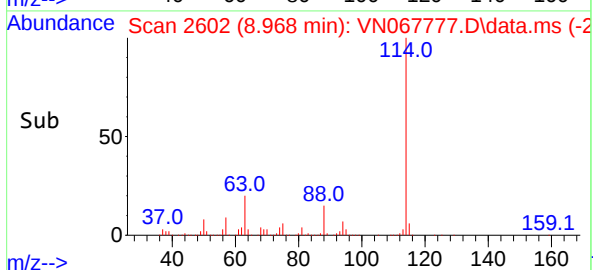
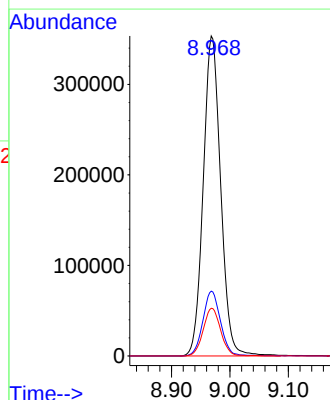
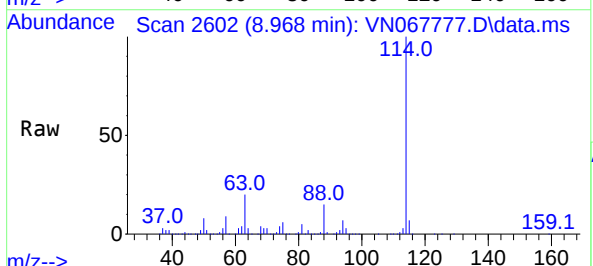
Manual Integrations
 APPROVED

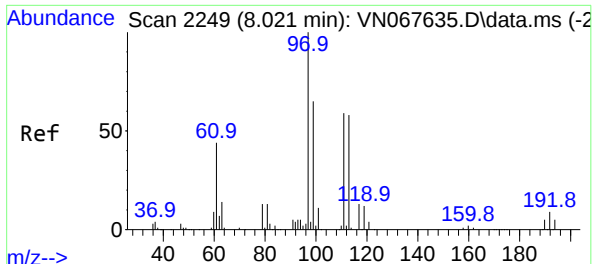
MMDadoda
 7/19/2021 5:53:57 PM



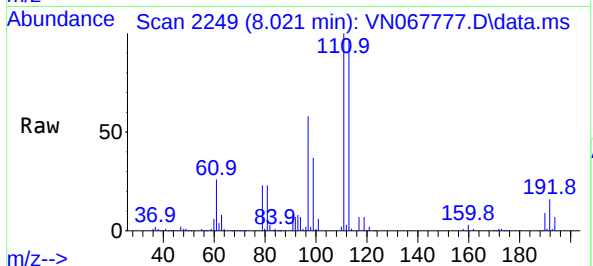
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN067777.D
 Acq: 16 Jul 2021 16:58

Tgt Ion: 114 Resp: 733089
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 49.0
 88 14.9 0.0 36.6

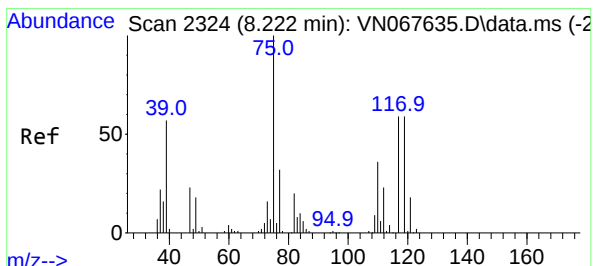
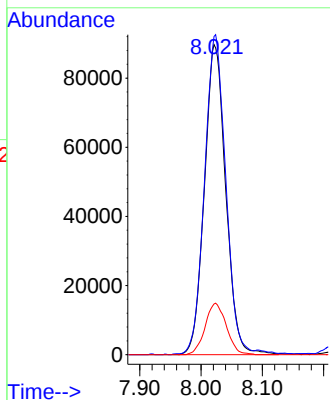
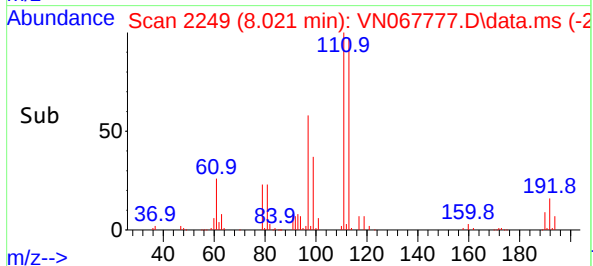




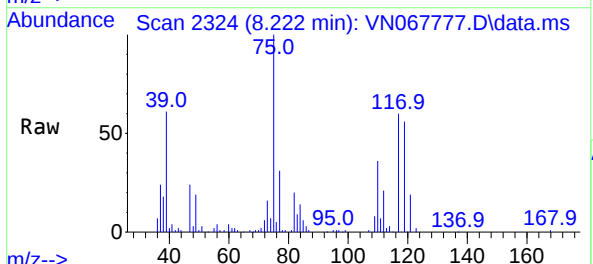
#35
Dibromofluoromethane
Concen: 48.988 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



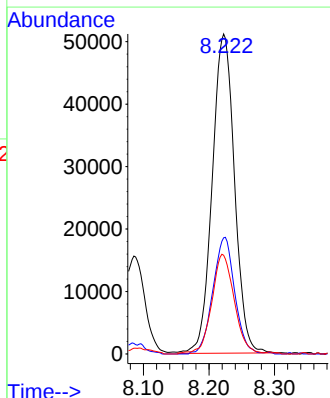
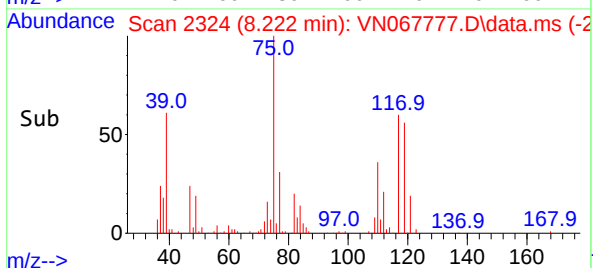
Tgt Ion: 113 Resp: 216977
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.8
192 16.5 13.4 20.0



#36
1,1-Dichloropropene
Concen: 17.700 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



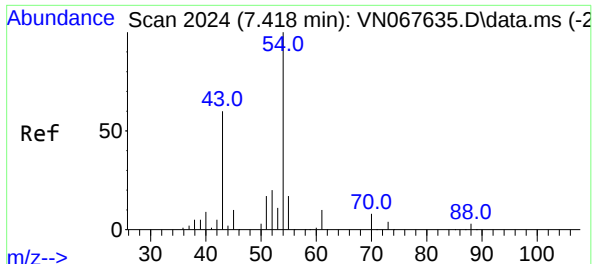
Tgt Ion: 75 Resp: 120534
Ion Ratio Lower Upper
75 100
110 35.8 15.7 47.0
77 31.6 24.6 37.0



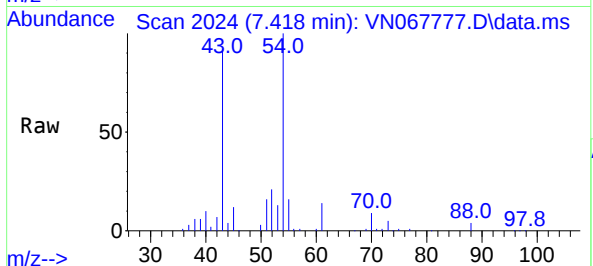
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

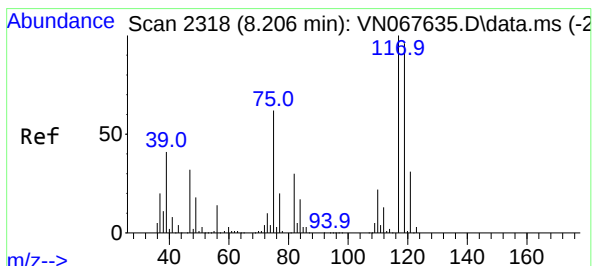
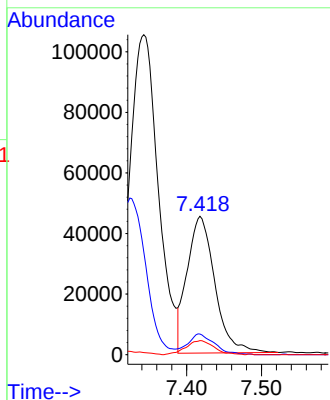
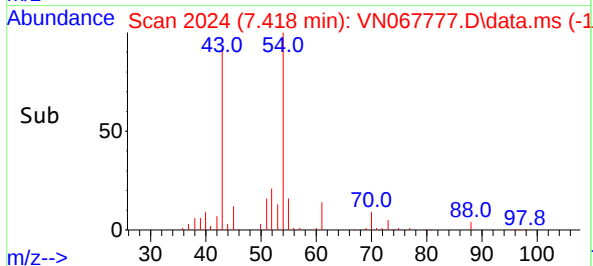
MMDadoda
7/19/2021 5:53:57 PM



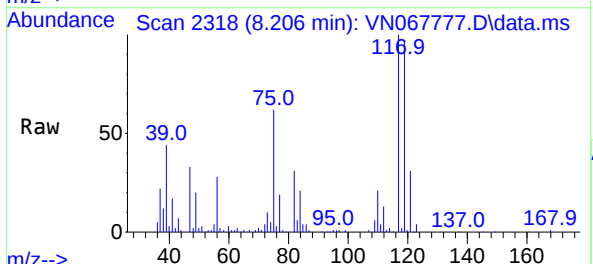
#37
Ethyl Acetate
Concen: 17.655 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



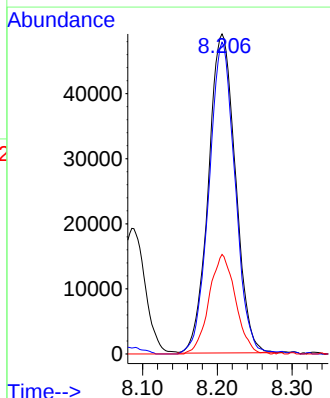
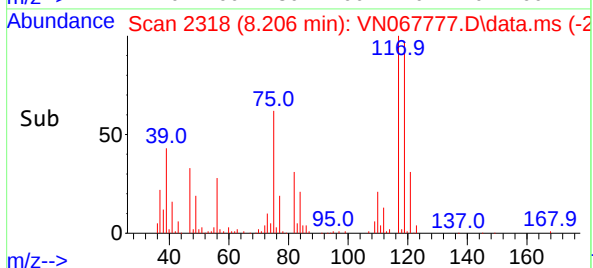
Tgt Ion: 43 Resp: 116490
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 10.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 18.291 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



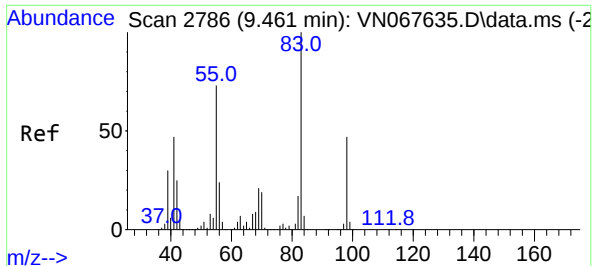
Tgt Ion: 117 Resp: 122859
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.2
121 31.2 23.5 35.3



Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



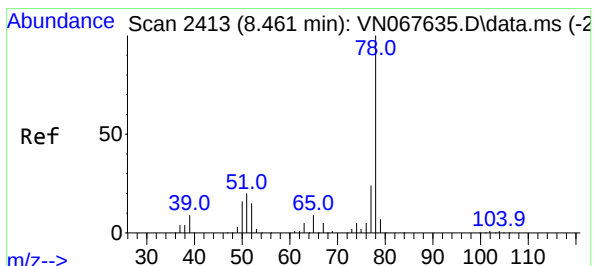
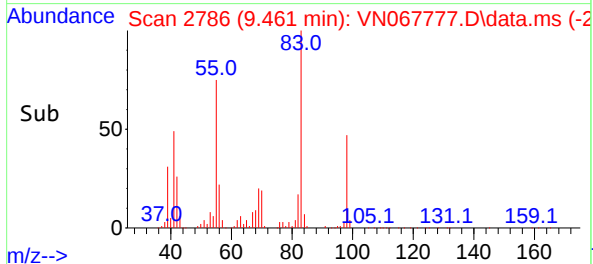
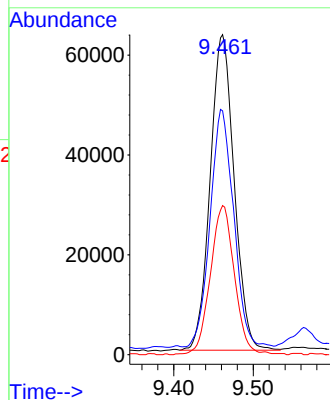
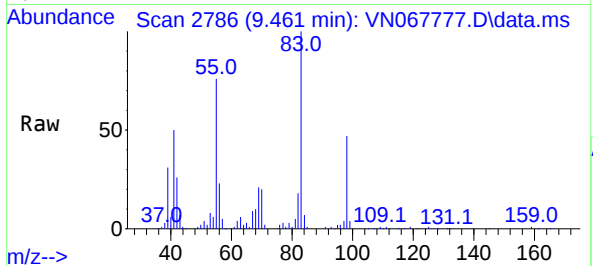
#39
Methylcyclohexane
Concen: 17.772 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 83 Resp: 132487
Ion Ratio Lower Upper
83 100
55 74.7 66.6 99.8
98 47.0 35.3 52.9

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

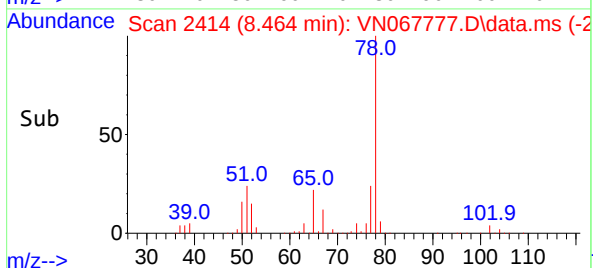
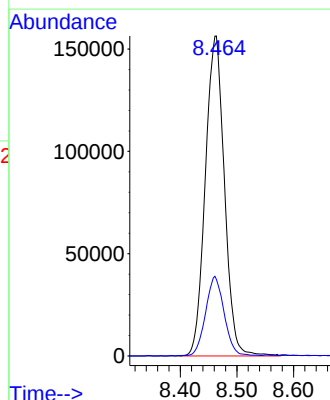
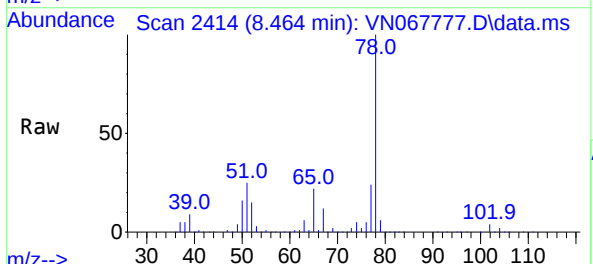
Manual Integrations
APPROVED

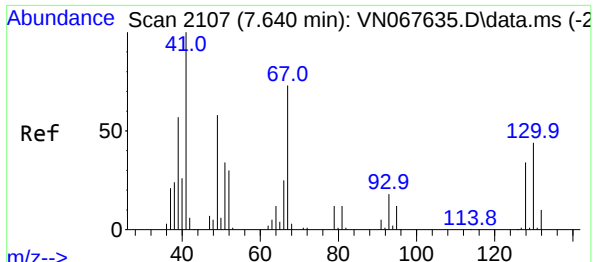
MMDadoda
7/19/2021 5:53:57 PM



#40
Benzene
Concen: 17.979 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 78 Resp: 366475
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





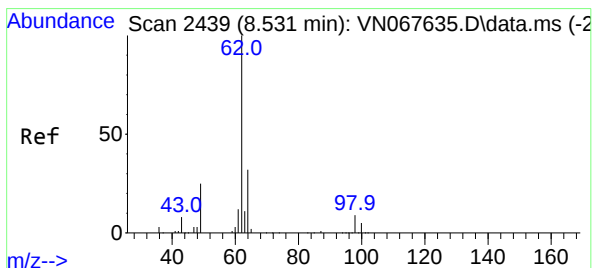
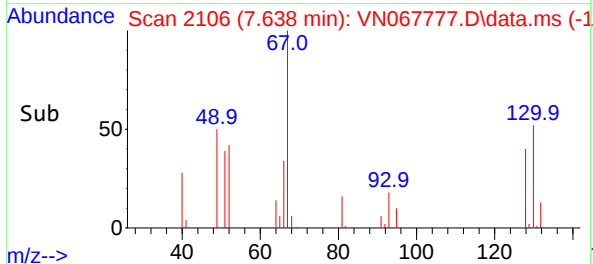
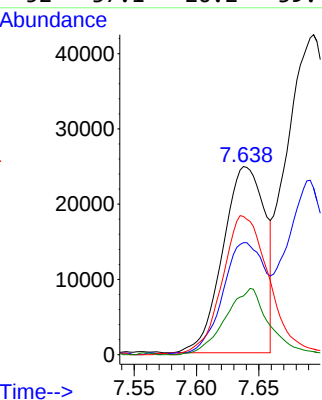
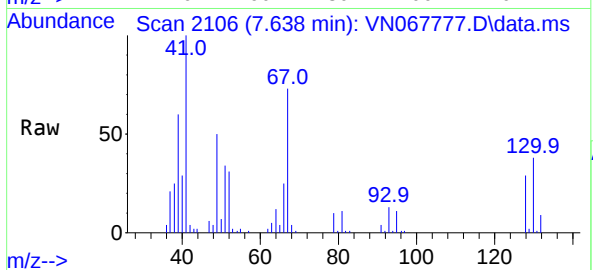
#41
Methacrylonitrile
Concen: 17.144 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:	41	Resp:	58138
Ion	Ratio	Lower	Upper
41	100		
39	60.8	47.6	71.4
67	83.3	57.7	86.5
52	37.1	26.2	39.4

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

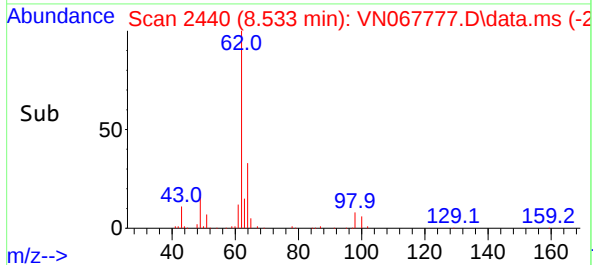
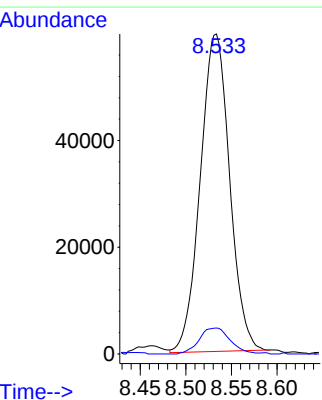
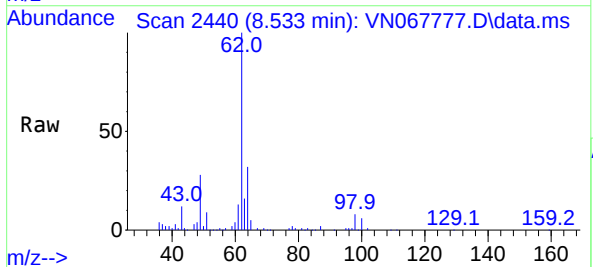
Manual Integrations
APPROVED

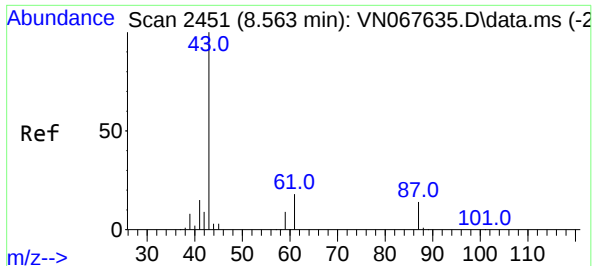
MMDadoda
7/19/2021 5:53:57 PM



#42
1,2-Dichloroethane
Concen: 17.610 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:	62	Resp:	133306
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	14.2





#43
Isopropyl Acetate
Concen: 17.811 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

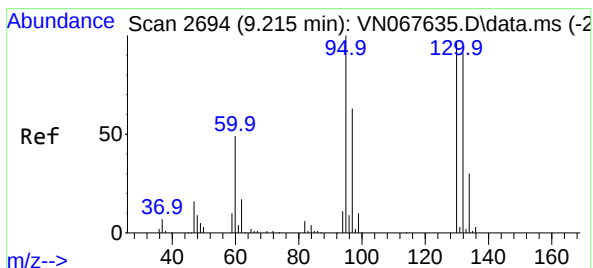
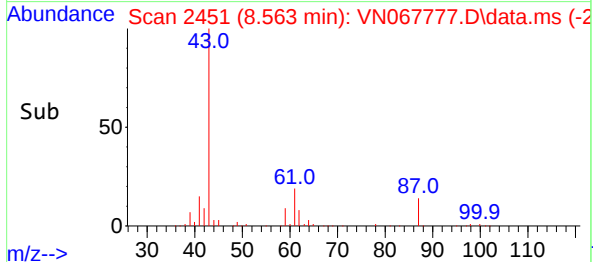
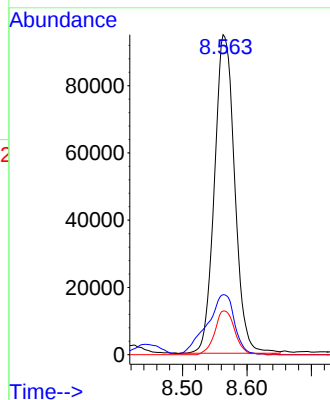
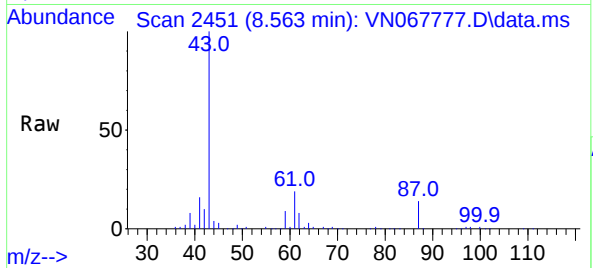
Tgt Ion: 43 Resp: 206718

Ion	Ratio	Lower	Upper
43	100		
61	25.1	19.0	28.4
87	13.7	9.5	14.3

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

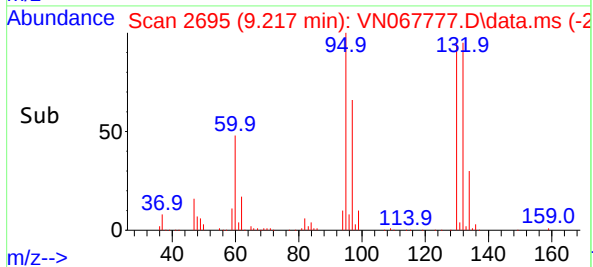
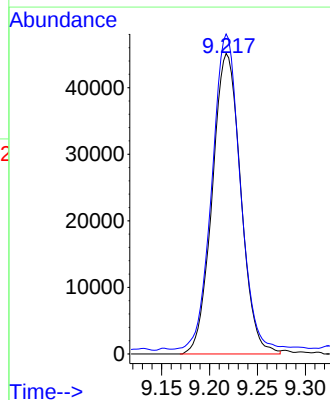
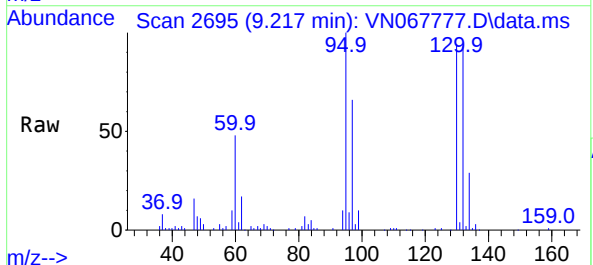
MMDadoda
7/19/2021 5:53:57 PM

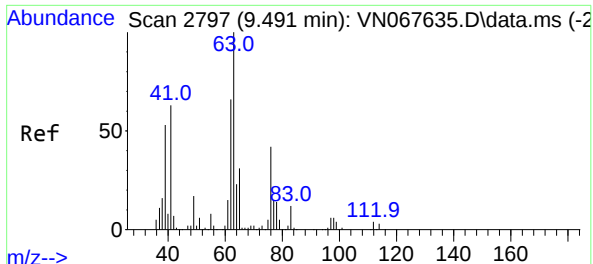


#44
Trichloroethene
Concen: 18.020 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:130 Resp: 93219

Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	234.4





#45

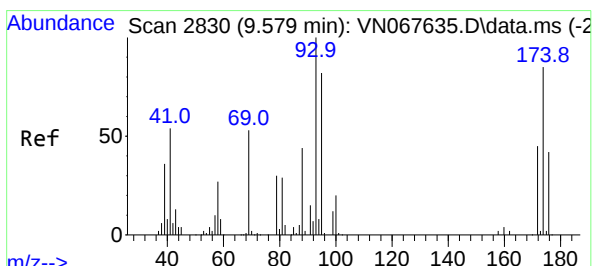
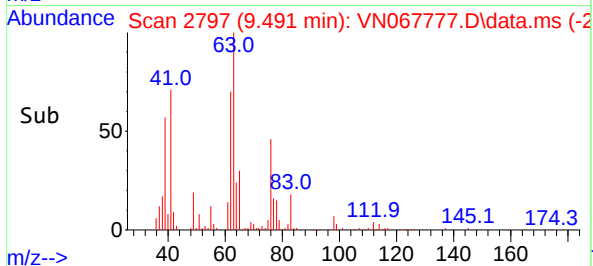
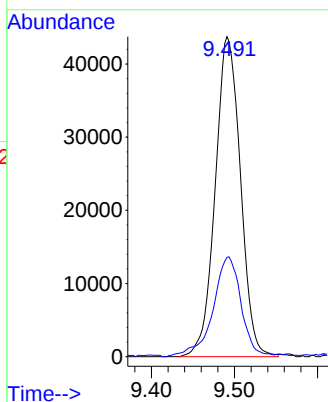
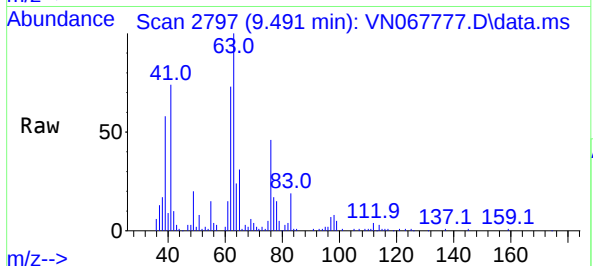
1,2-Dichloropropane
Concen: 17.905 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 63 Resp: 92406
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

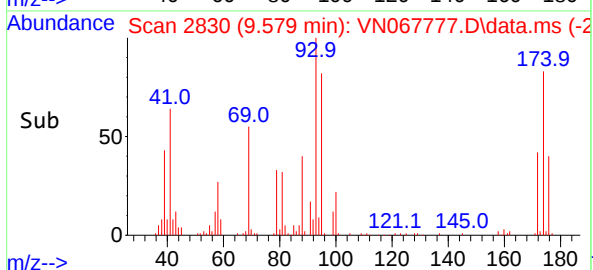
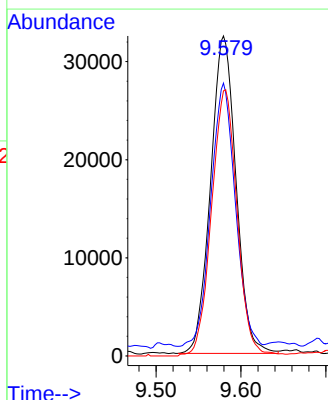
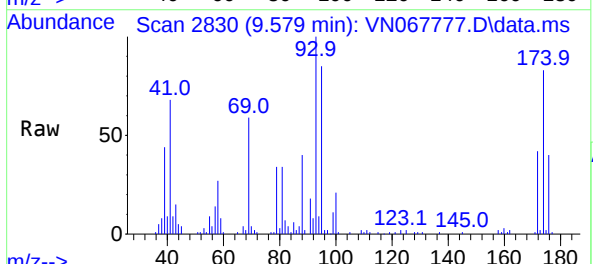
MMDadoda
7/19/2021 5:53:57 PM

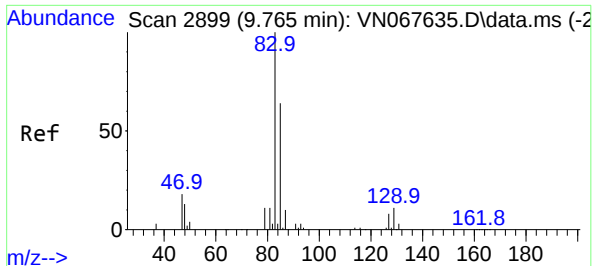


#46

Dibromomethane
Concen: 18.391 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 93 Resp: 67345
Ion Ratio Lower Upper
93 100
95 79.8 66.1 99.1
174 84.3 61.0 91.4





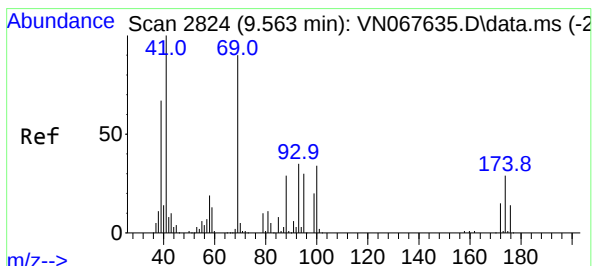
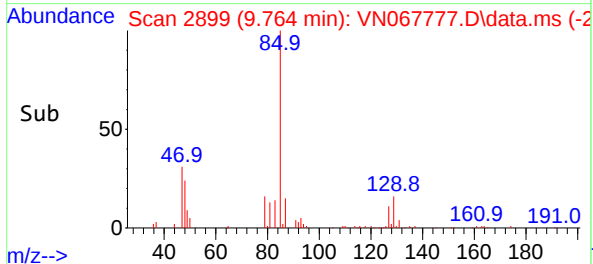
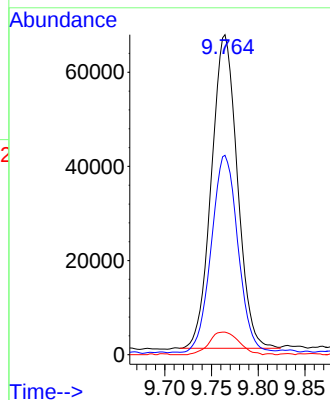
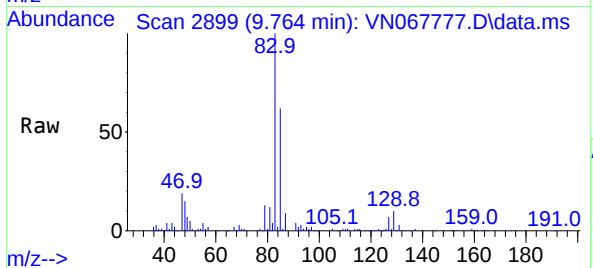
#47
Bromodichloromethane
Concen: 17.971 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.001 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 83 Resp: 128653
Ion Ratio Lower Upper
83 100
85 62.8 49.9 74.9
127 7.2 6.1 9.1

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

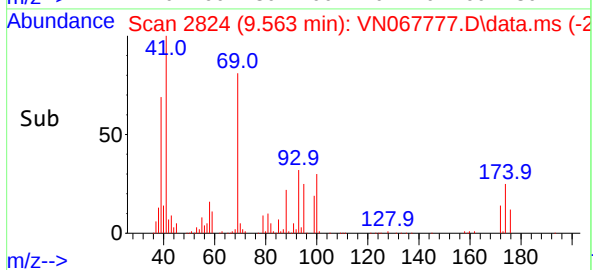
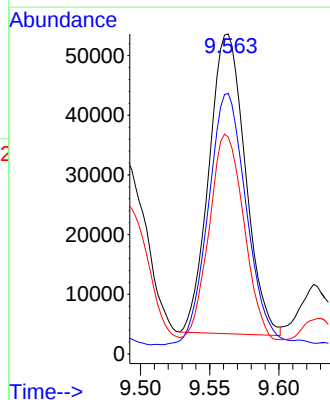
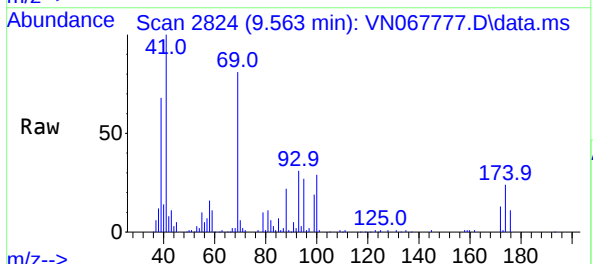
Manual Integrations
APPROVED

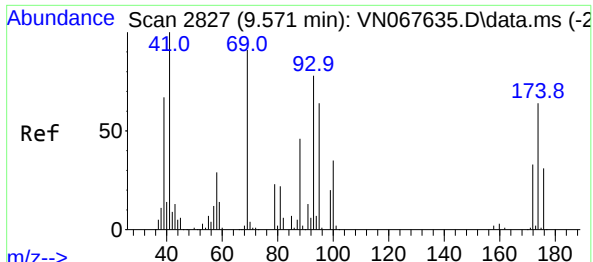
MMDadoda
7/19/2021 5:53:57 PM



#48
Methyl methacrylate
Concen: 17.817 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 41 Resp: 91463
Ion Ratio Lower Upper
41 100
69 88.2 64.6 96.8
39 67.2 53.3 79.9





#49

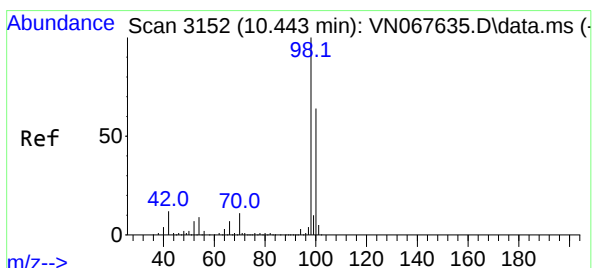
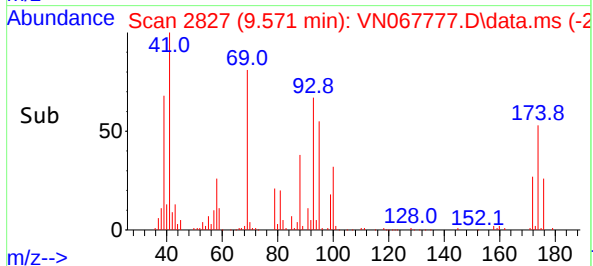
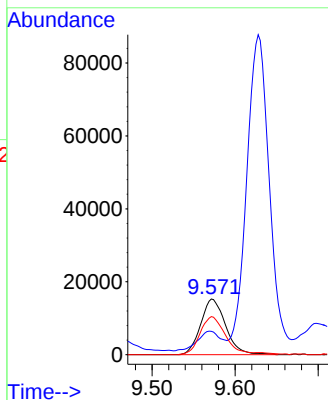
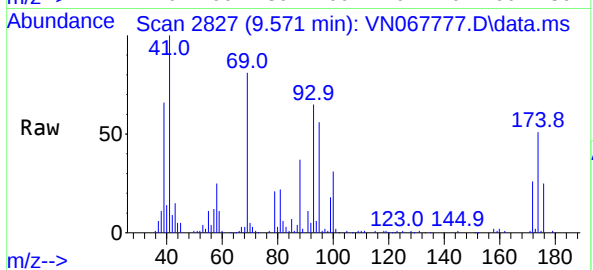
1,4-Dioxane
Concen: 334.160 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 88 Resp: 31870
Ion Ratio Lower Upper
88 100
43 33.3 28.8 43.2
58 68.7 60.4 90.6

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

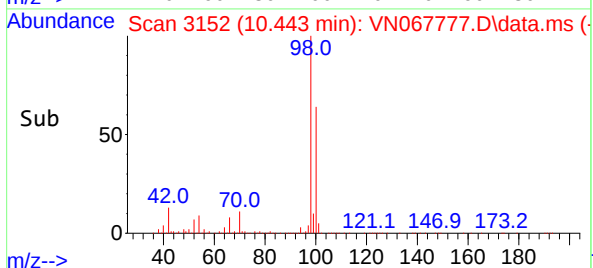
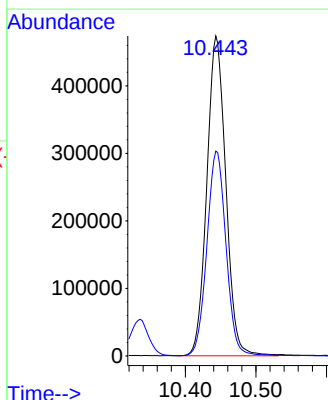
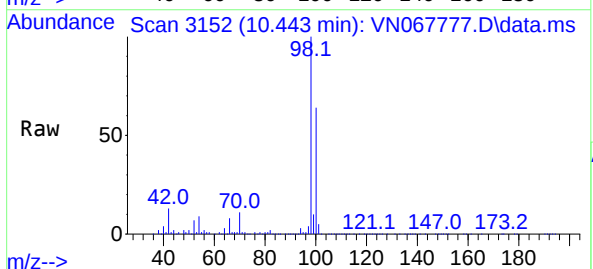
MMDadoda
7/19/2021 5:53:57 PM

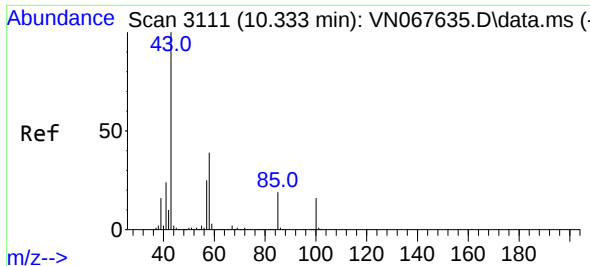


#50

Toluene-d8
Concen: 47.735 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 98 Resp: 884970
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





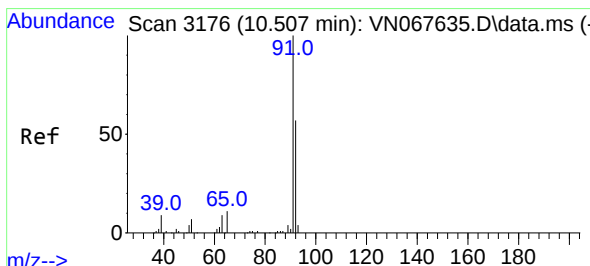
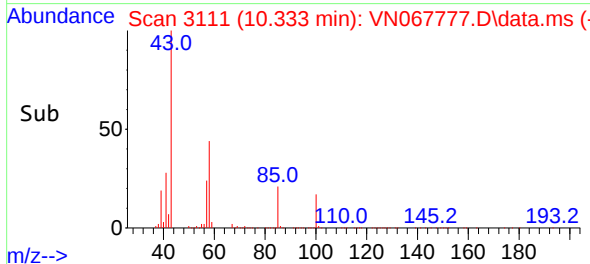
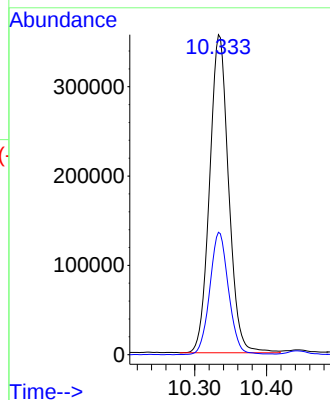
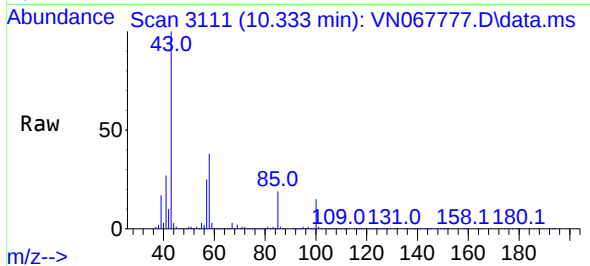
#51
4-Methyl-2-Pentanone
Concen: 91.713 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 43 Resp: 653937
Ion Ratio Lower Upper
43 100
58 38.2 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

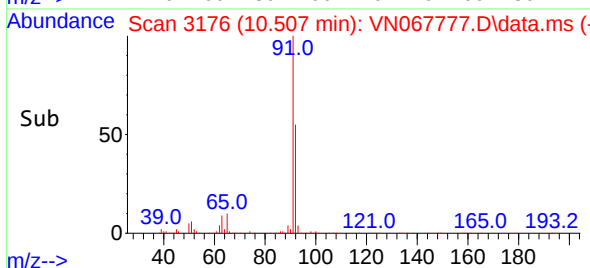
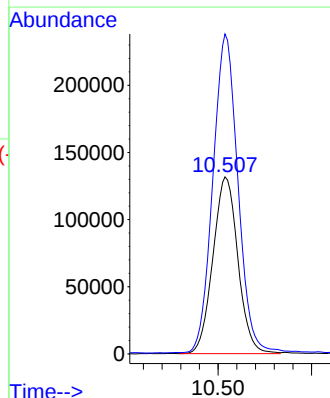
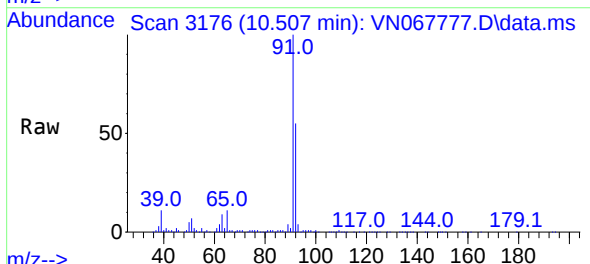
Manual Integrations
APPROVED

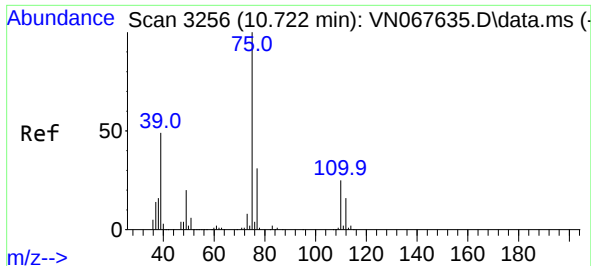
MMDadoda
7/19/2021 5:53:57 PM



#52
Toluene
Concen: 18.299 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

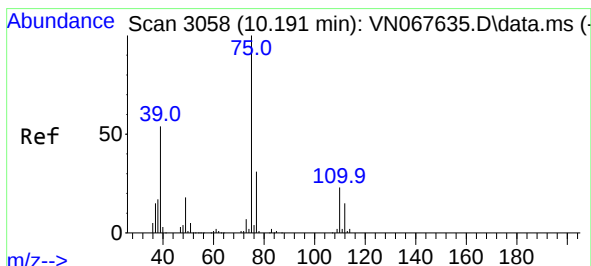
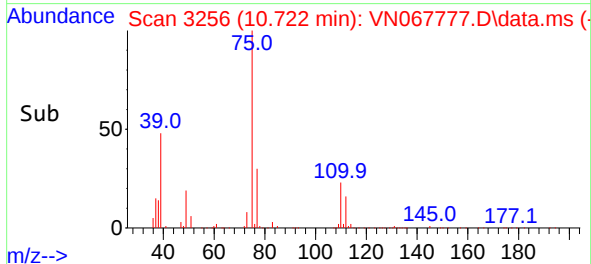
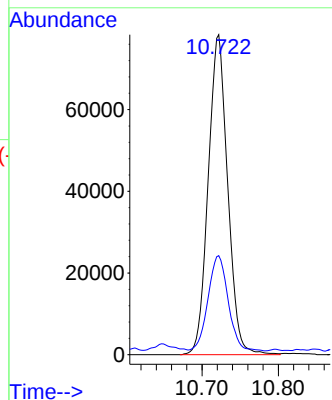
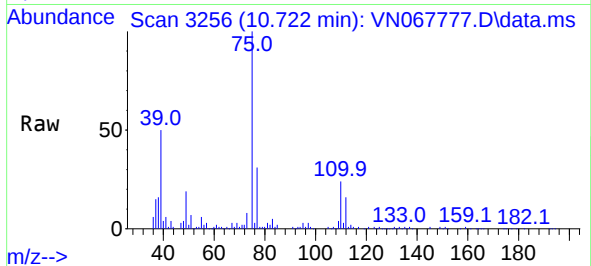
Tgt Ion: 92 Resp: 244329
Ion Ratio Lower Upper
92 100
91 180.8 139.6 209.4





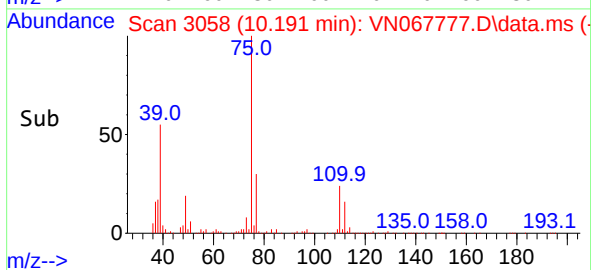
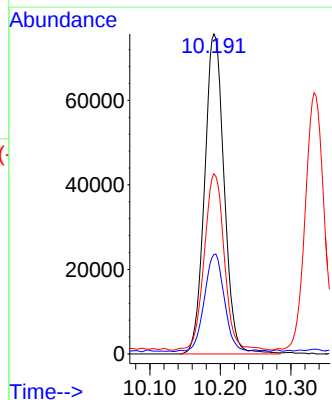
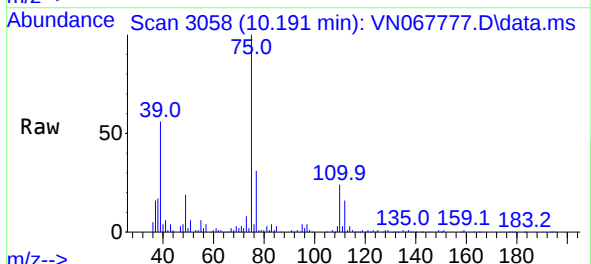
#53
t-1,3-Dichloropropene
Concen: 17.438 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 75 Resp: 138713
Ion Ratio Lower Upper
75 100
77 29.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.337 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

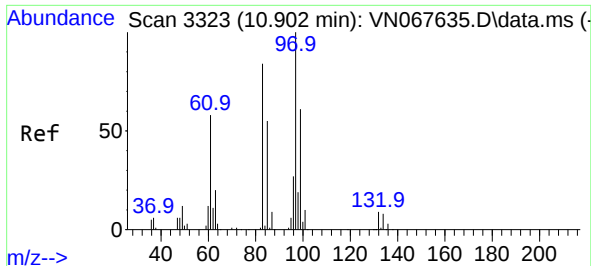
Tgt Ion: 75 Resp: 145990
Ion Ratio Lower Upper
75 100
77 30.1 24.6 37.0
39 54.6 50.7 76.1



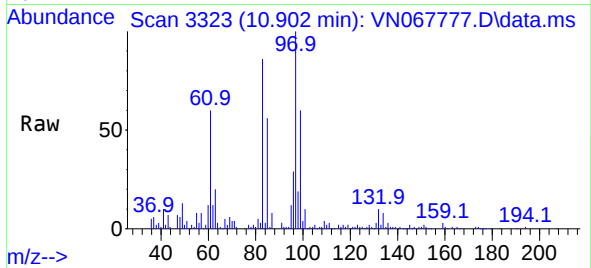
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

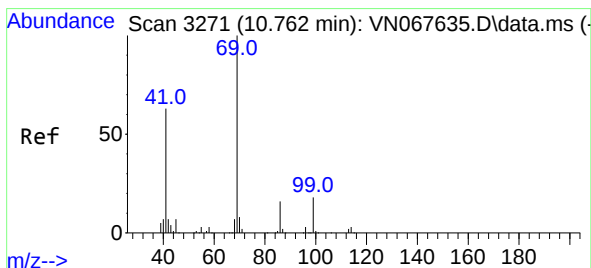
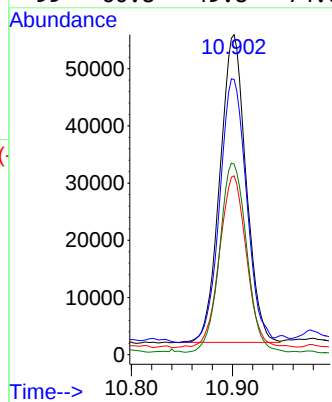
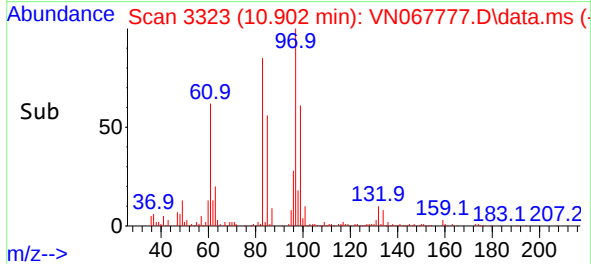
MMDadoda
7/19/2021 5:53:57 PM



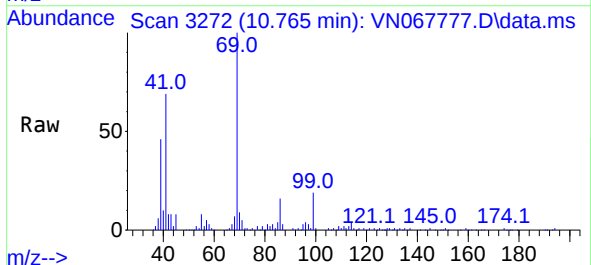
#55
1,1,2-Trichloroethane
Concen: 18.876 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



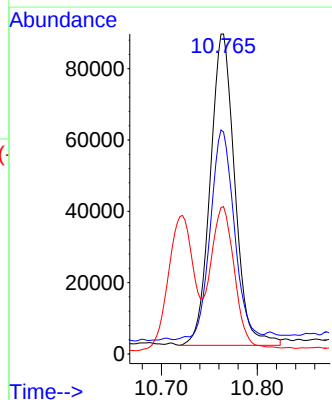
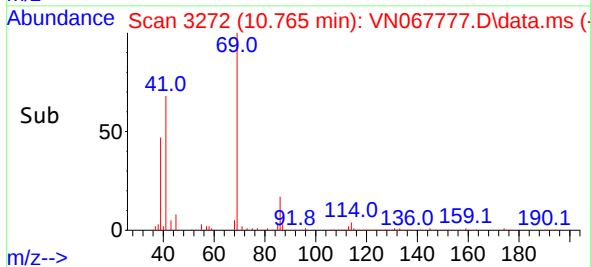
Tgt Ion:	97	Resp:	96589
Ion	Ratio	Lower	Upper
97	100		
83	85.5	72.0	108.0
85	55.6	46.8	70.2
99	60.8	49.8	74.6



#56
Ethyl methacrylate
Concen: 19.675 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



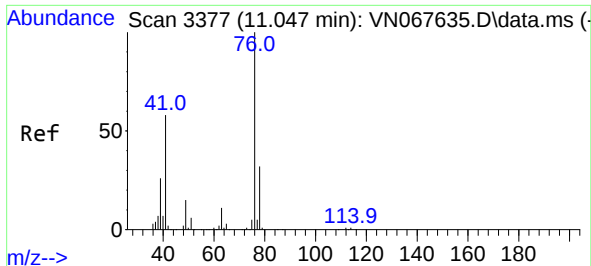
Tgt Ion:	69	Resp:	155106
Ion	Ratio	Lower	Upper
69	100		
41	65.8	58.6	88.0
39	43.6	38.3	57.5



Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



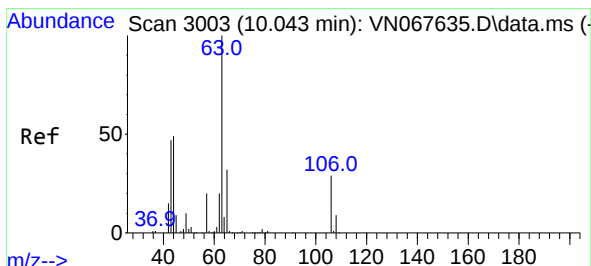
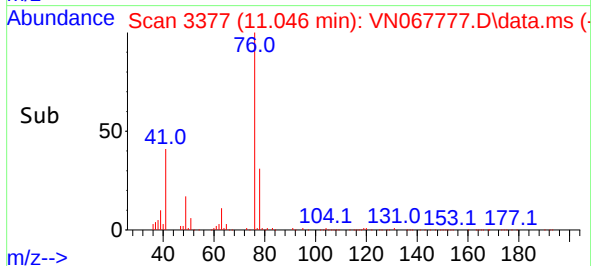
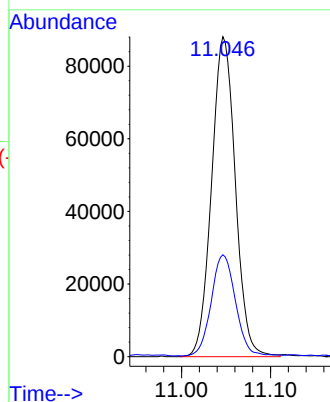
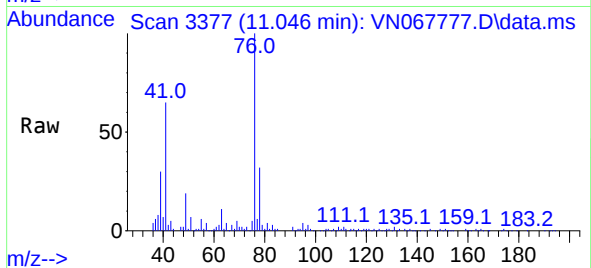
#57
1,3-Dichloropropane
Concen: 18.633 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.001 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 76 Resp: 163491
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

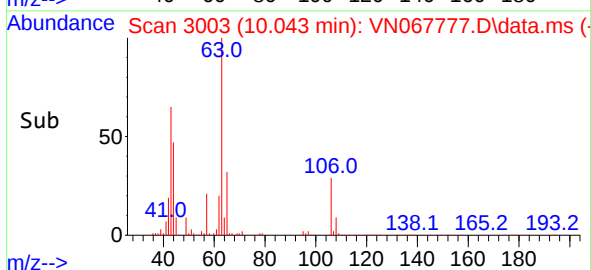
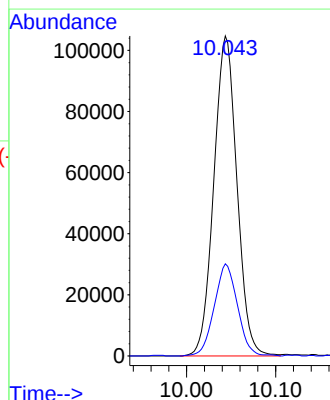
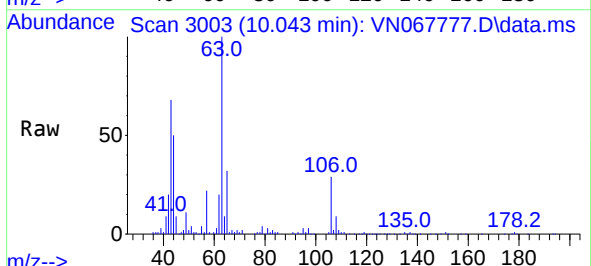
Manual Integrations
APPROVED

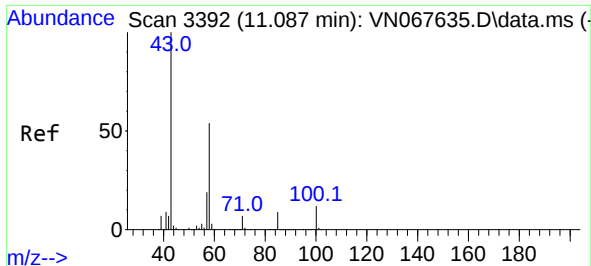
MMDadoda
7/19/2021 5:53:57 PM



#58
2-Chloroethyl Vinyl ether
Concen: 100.808 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

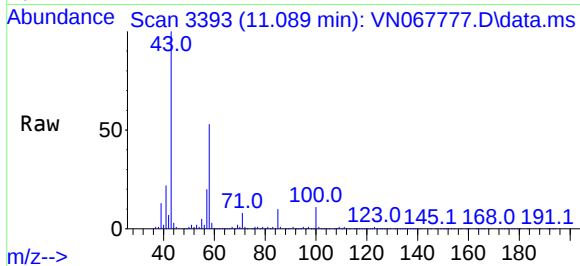
Tgt Ion: 63 Resp: 189020
Ion Ratio Lower Upper
63 100
106 28.9 19.8 29.8





#59
2-Hexanone
Concen: 93.522 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

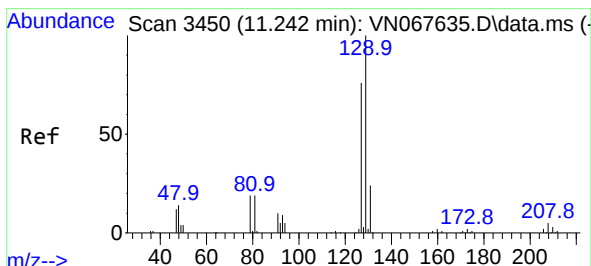
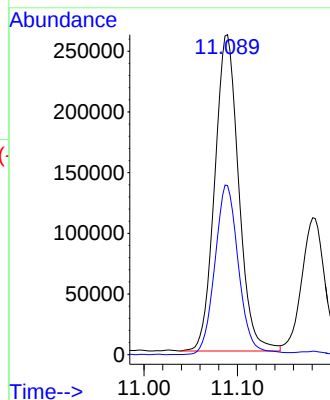
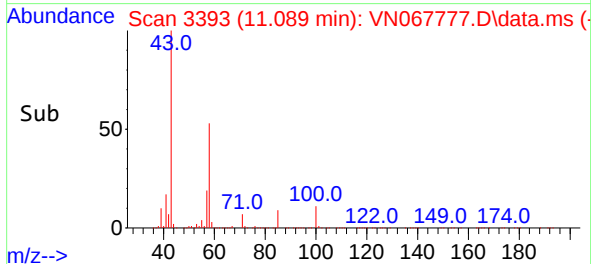
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01



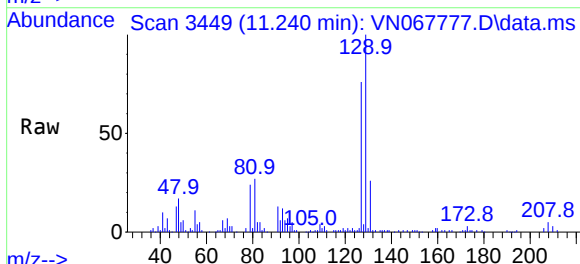
Tgt Ion: 43 Resp: 465465
Ion Ratio Lower Upper
43 100
58 53.0 24.7 74.1

Manual Integrations
APPROVED

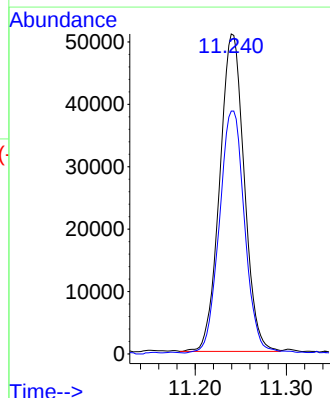
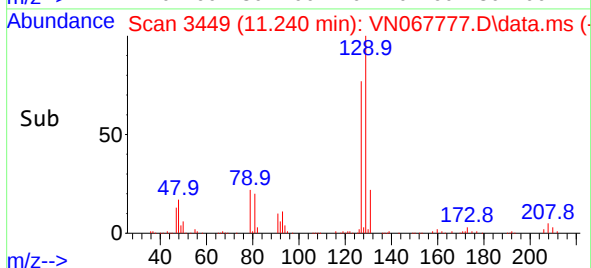
MMDadoda
7/19/2021 5:53:57 PM

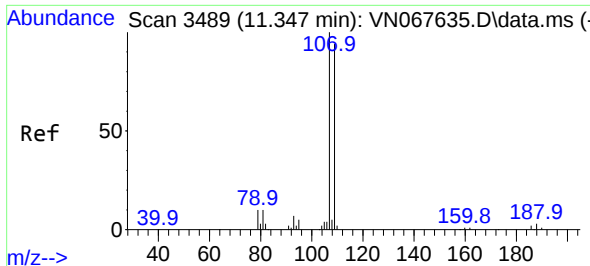


#60
Dibromochloromethane
Concen: 16.764 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



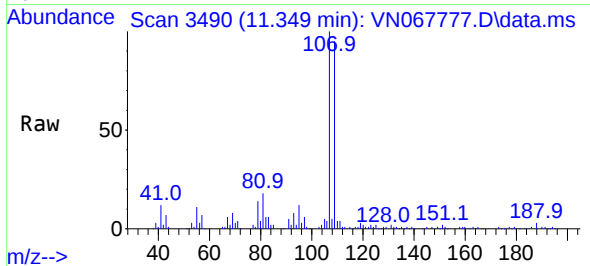
Tgt Ion: 129 Resp: 94956
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.271 ug/l
RT: 11.349 min Scan# 3490
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

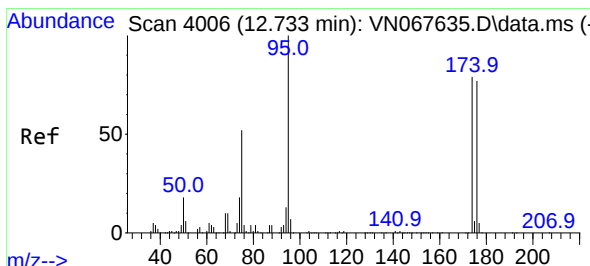
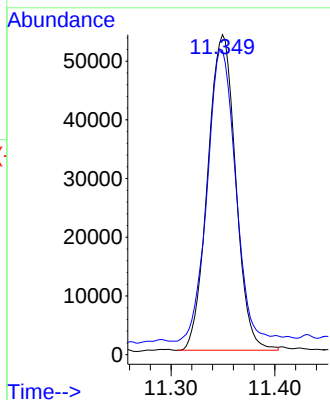
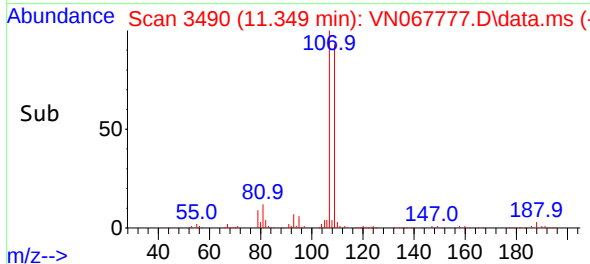
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01



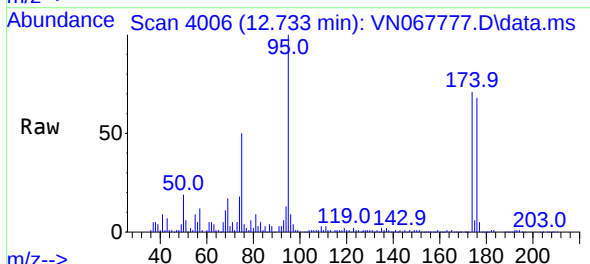
Tgt Ion:107 Resp: 100673
Ion Ratio Lower Upper
107 100
109 93.2 75.0 112.4

Manual Integrations
APPROVED

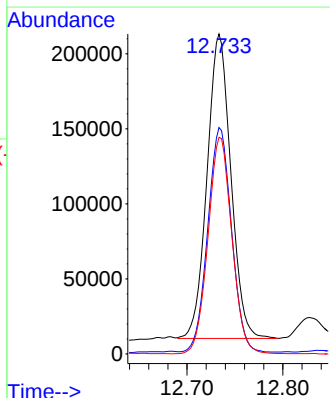
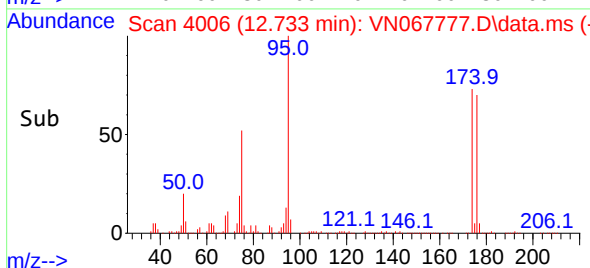
MMDadoda
7/19/2021 5:53:57 PM

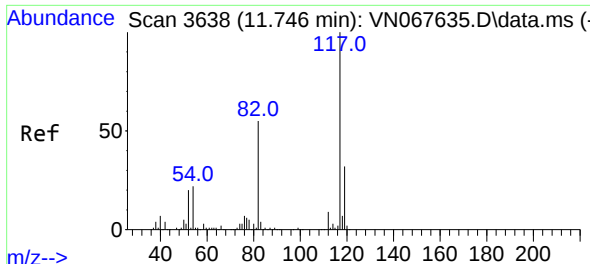


#62
4-Bromofluorobenzene
Concen: 53.377 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

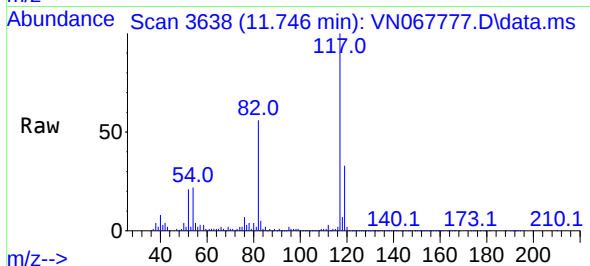


Tgt Ion: 95 Resp: 349570
Ion Ratio Lower Upper
95 100
174 73.5 0.0 122.0
176 71.2 0.0 117.6

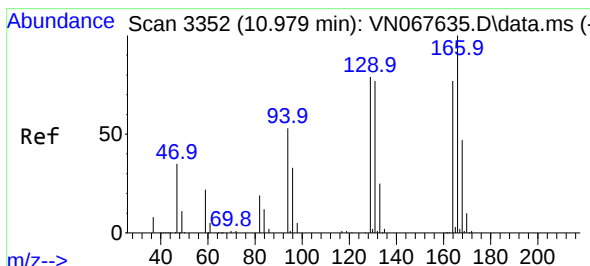
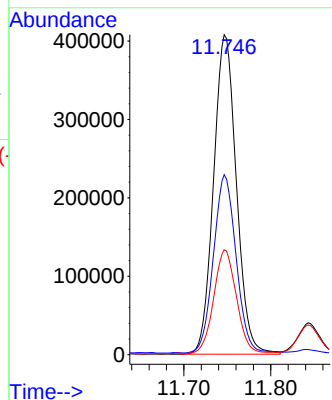
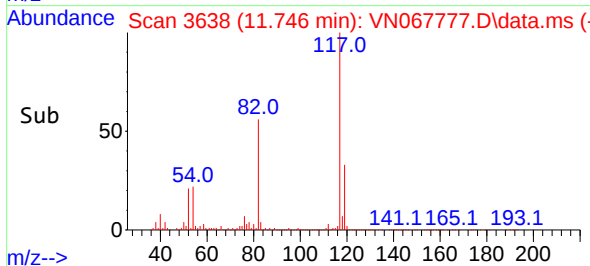




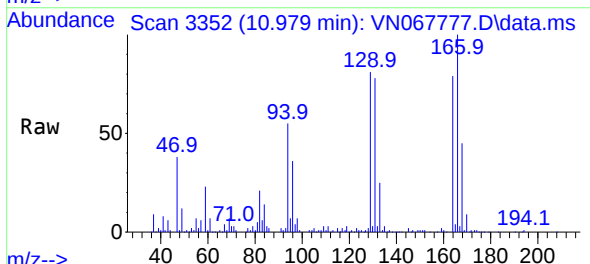
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



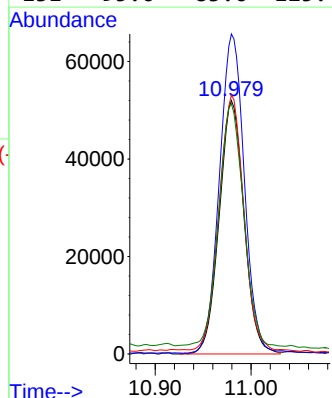
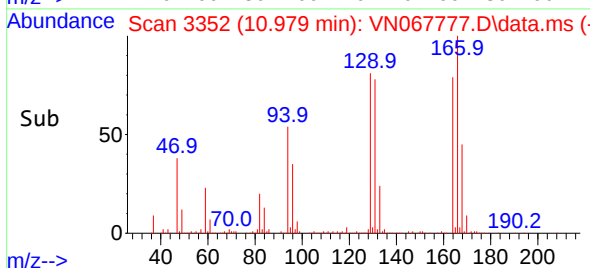
Tgt Ion:117 Resp: 743354
Ion Ratio Lower Upper
117 100
82 55.7 53.1 79.7
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 17.756 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



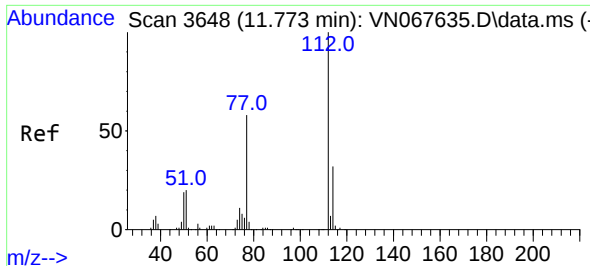
Tgt Ion:164 Resp: 93169
Ion Ratio Lower Upper
164 100
166 125.9 102.1 153.1
129 100.5 86.9 130.3
131 95.6 83.6 125.4



Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



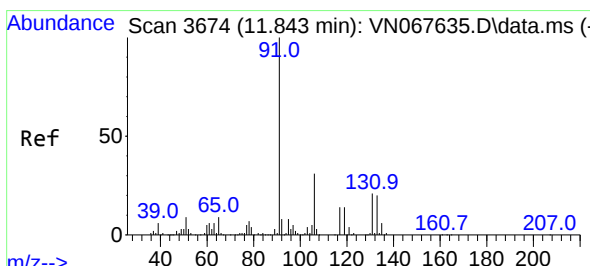
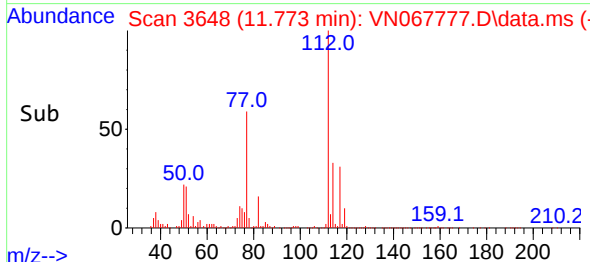
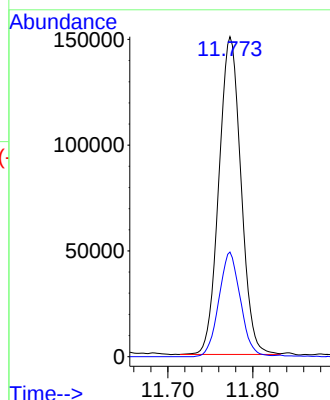
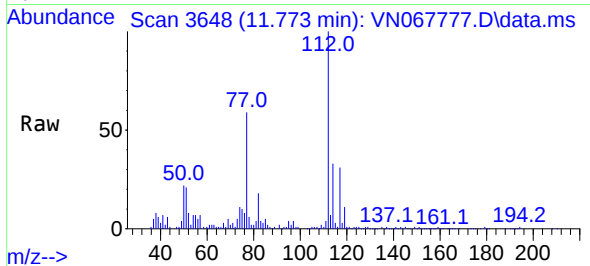
#65
Chlorobenzene
Concen: 17.783 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Tgt Ion:112 Resp: 271498
Ion Ratio Lower Upper
112 100
114 32.9 24.6 37.0

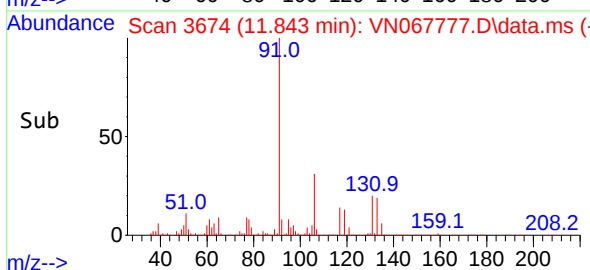
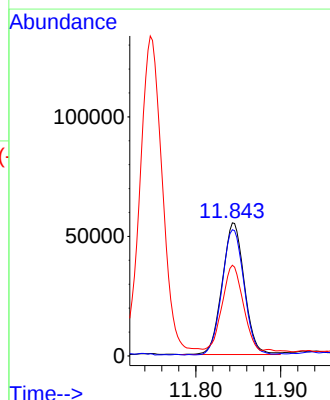
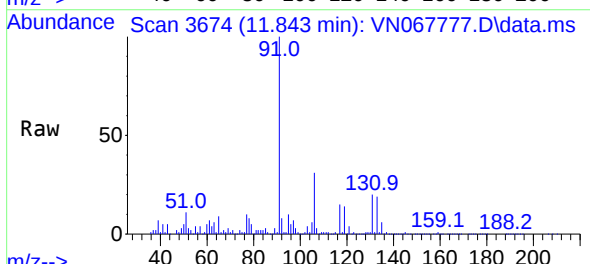
Manual Integrations
APPROVED

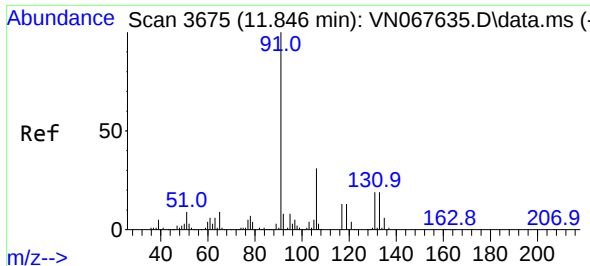
MMDadoda
7/19/2021 5:53:57 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.576 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:131 Resp: 99756
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 61.0 33.1 99.3



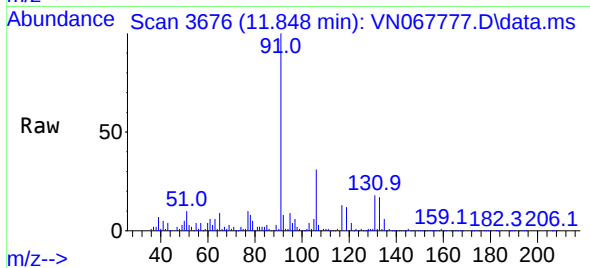


#67
Ethyl Benzene
Concen: 18.236 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

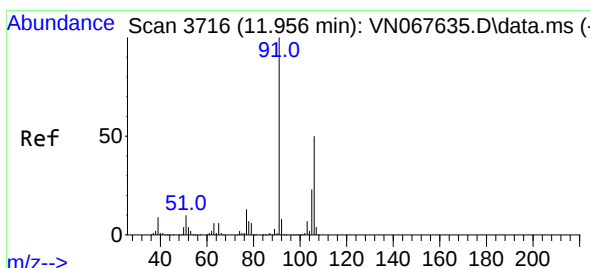
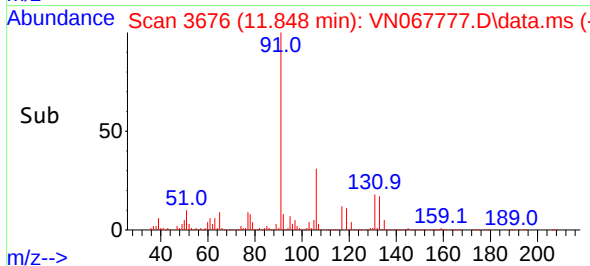
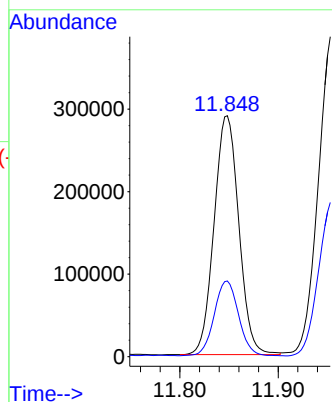
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM

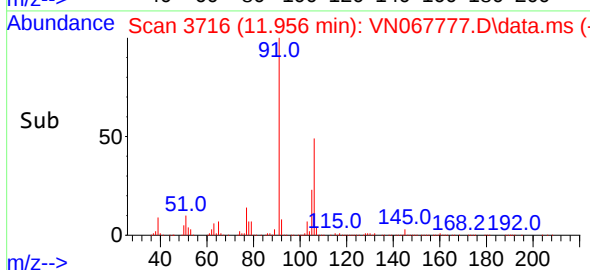
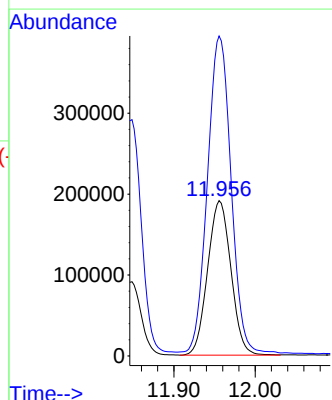
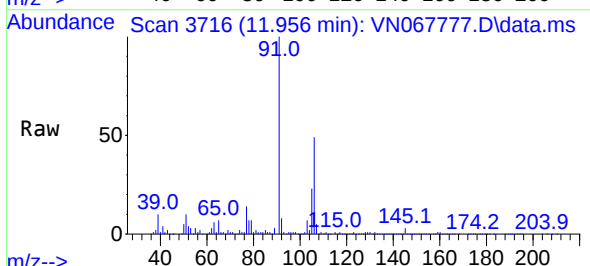


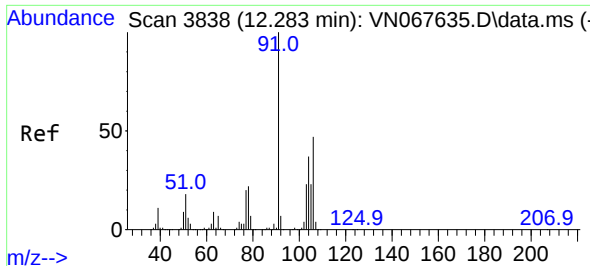
Tgt Ion: 91 Resp: 506844
Ion Ratio Lower Upper
91 100
106 31.3 23.4 35.0



#68
m/p-Xylenes
Concen: 36.164 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 106 Resp: 380163
Ion Ratio Lower Upper
106 100
91 207.2 180.6 270.8





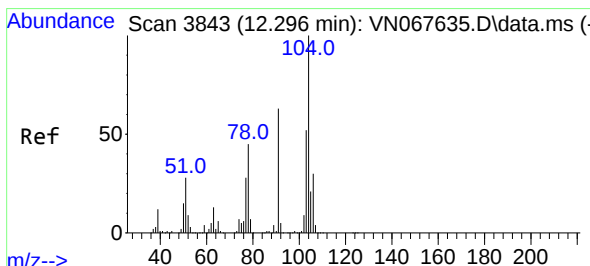
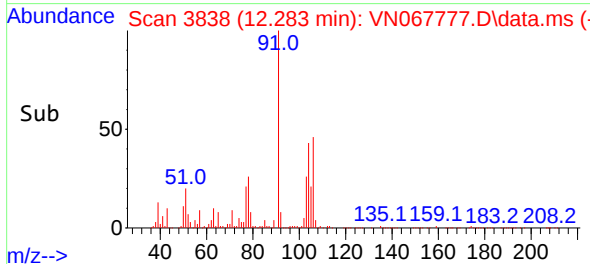
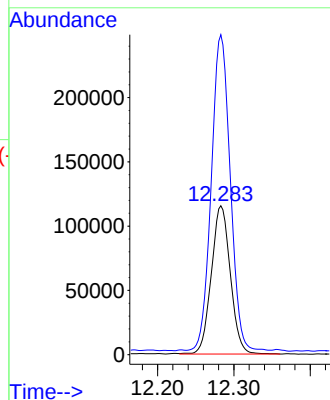
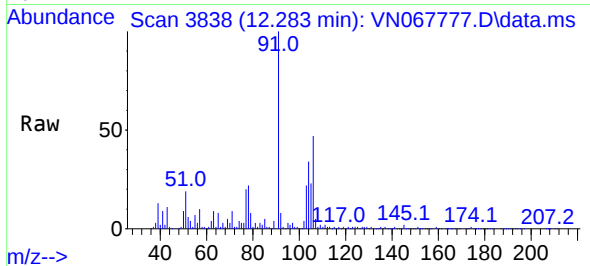
#69
o-Xylene
Concen: 19.295 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:106 Resp: 199420
Ion Ratio Lower Upper
106 100
91 211.6 118.3 354.9

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

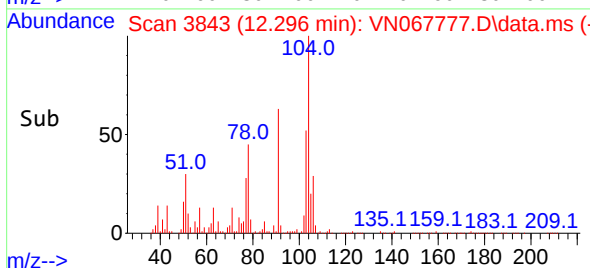
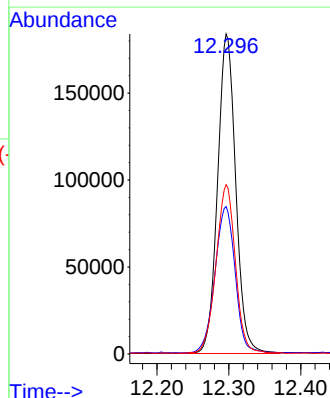
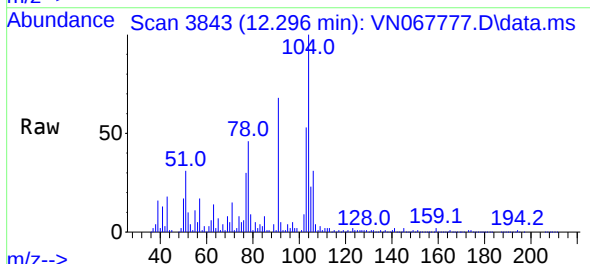
Manual Integrations
APPROVED

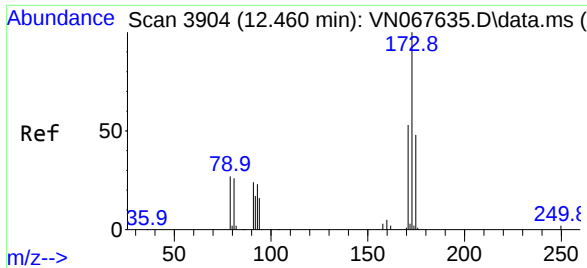
MMDadoda
7/19/2021 5:53:57 PM



#70
Styrene
Concen: 19.430 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

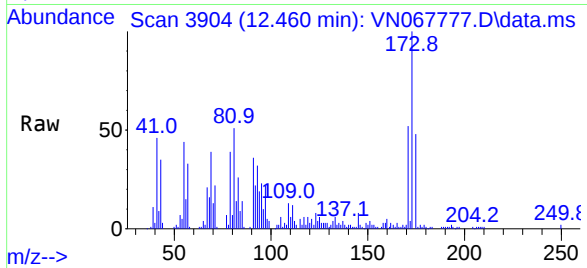
Tgt Ion:104 Resp: 321239
Ion Ratio Lower Upper
104 100
78 50.9 48.2 72.2
103 56.3 44.5 66.7





#71
Bromoform
Concen: 15.878 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

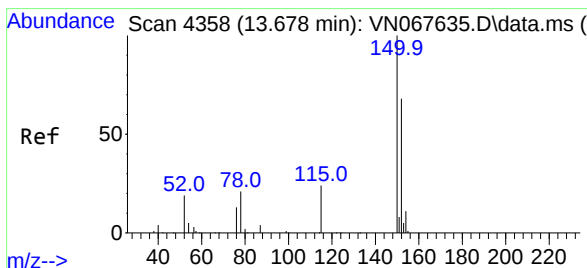
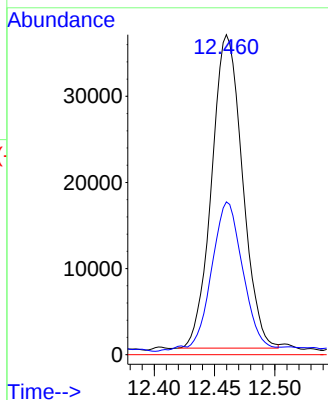
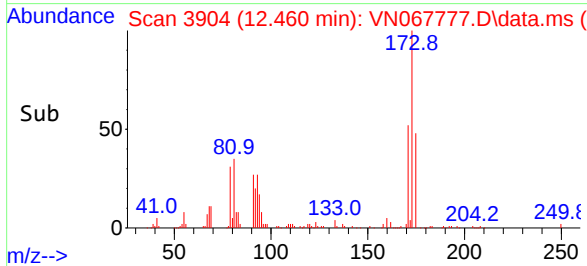
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01



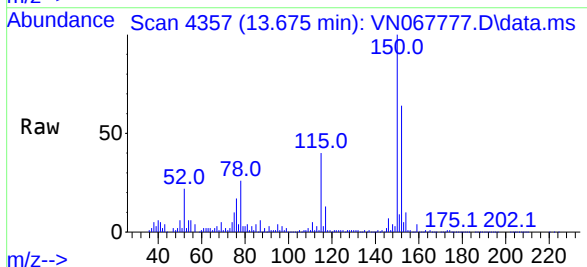
Tgt Ion:173 Resp: 64613
Ion Ratio Lower Upper
173 100
175 46.4 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

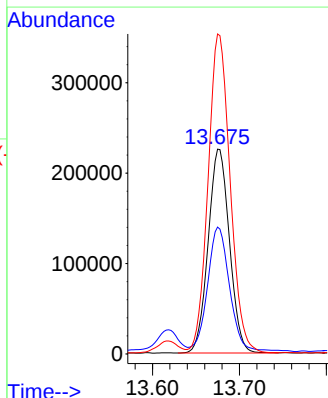
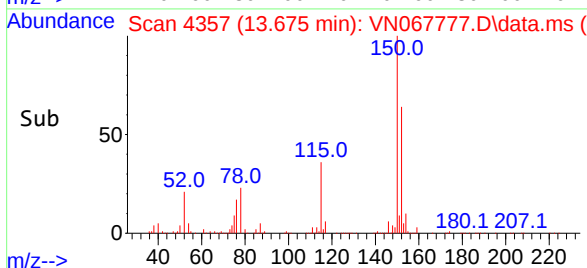
MMDadoda
7/19/2021 5:53:57 PM

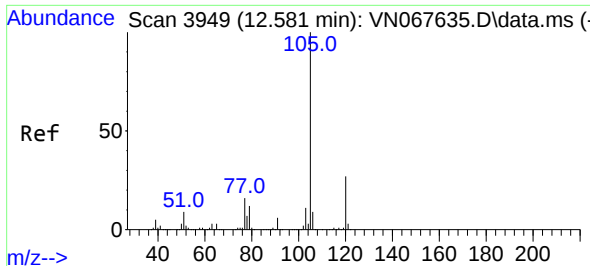


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

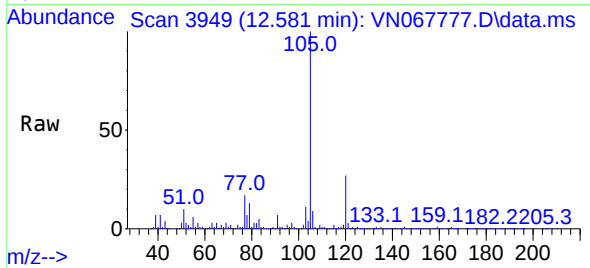


Tgt Ion:152 Resp: 383012
Ion Ratio Lower Upper
152 100
115 63.2 36.1 108.5
150 162.4 0.0 351.8

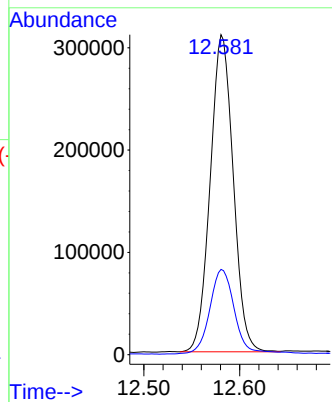
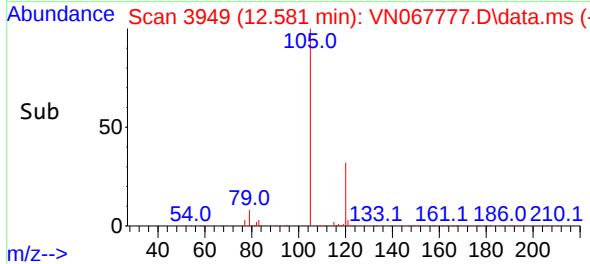




#73
Isopropylbenzene
Concen: 16.705 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



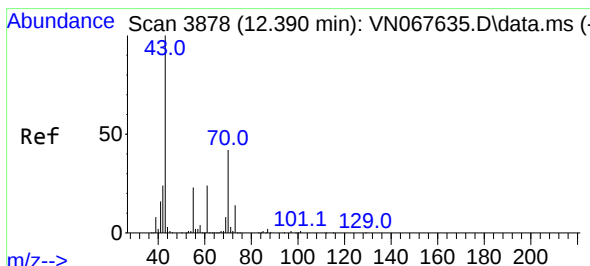
Tgt Ion: 105 Resp: 516247
Ion Ratio Lower Upper
105 100
120 29.3 12.5 37.5



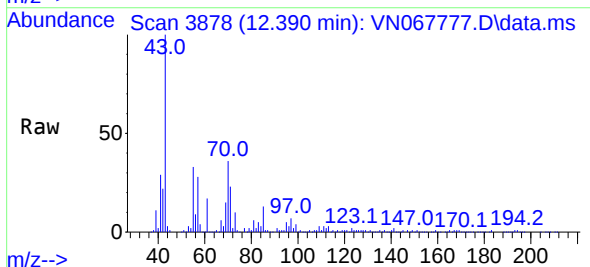
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

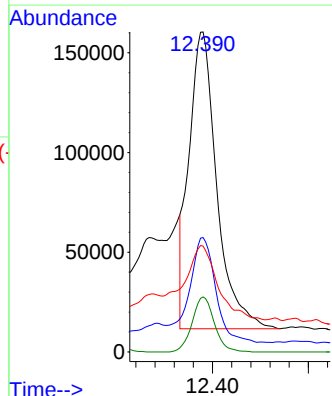
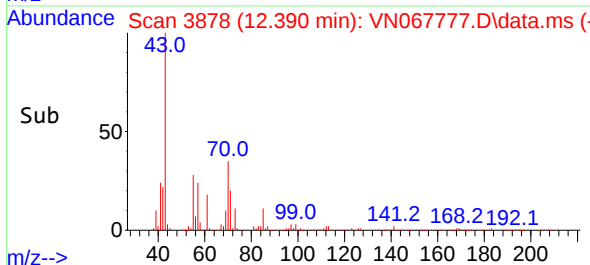
MMDadoda
7/19/2021 5:53:57 PM

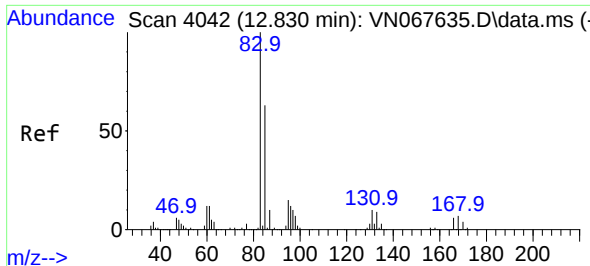


#74
N-ethyl acetate
Concen: 26.763 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



Tgt Ion: 43 Resp: 300040
Ion Ratio Lower Upper
43 100
70 32.3 29.4 44.2
55 26.2 17.0 25.4#
61 14.9 17.6 26.4#





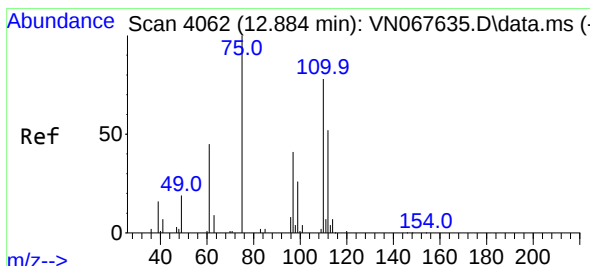
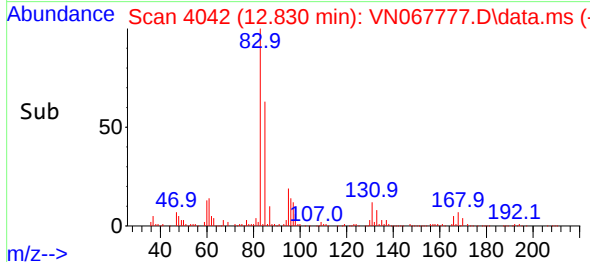
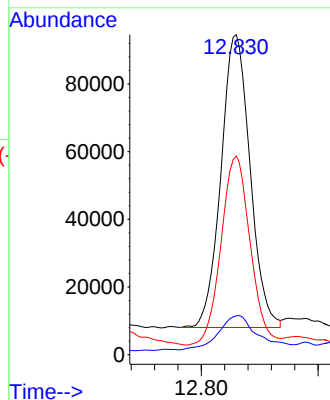
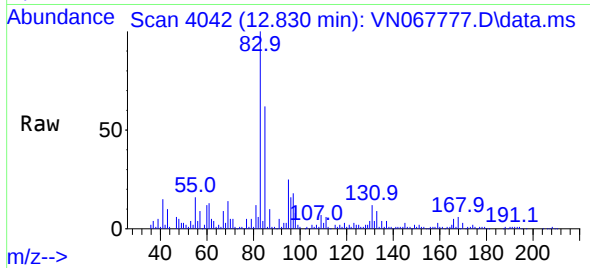
#75
1,1,2,2-Tetrachloroethane
Concen: 16.670 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 83 Resp: 149511
Ion Ratio Lower Upper
83 100
131 15.8 4.8 14.4#
85 64.7 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

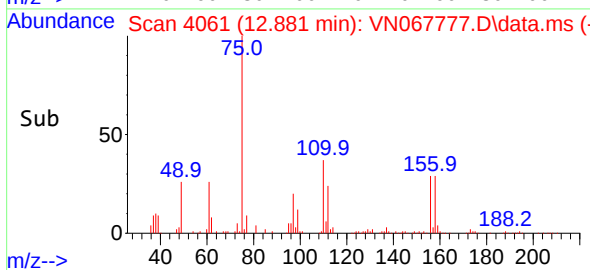
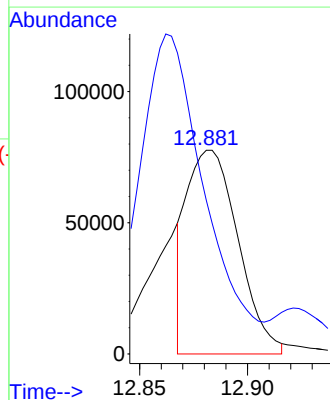
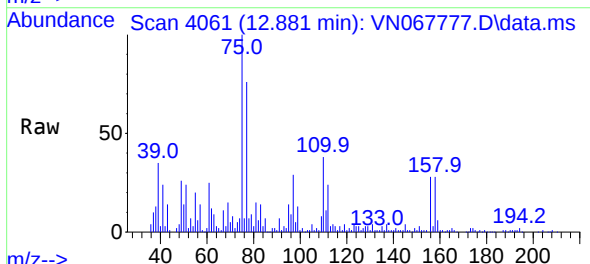
Manual Integrations
APPROVED

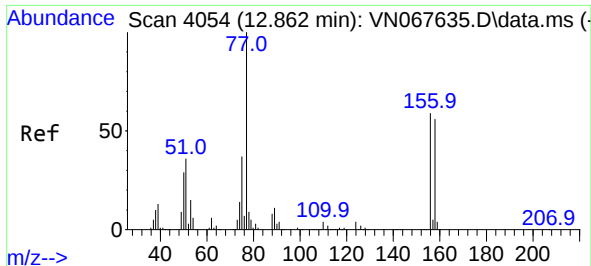
MMDadoda
7/19/2021 5:53:57 PM



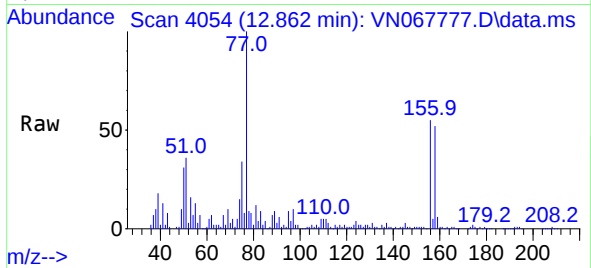
#76
1,2,3-Trichloropropane
Concen: 16.488 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 75 Resp: 128966
Ion Ratio Lower Upper
75 100
77 190.5 0.0 0.0#

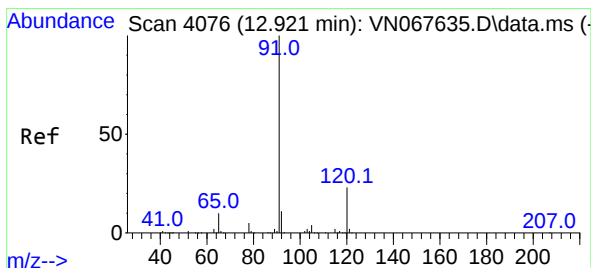
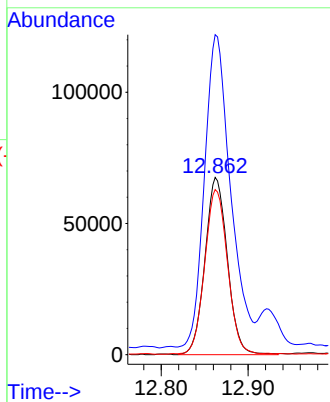
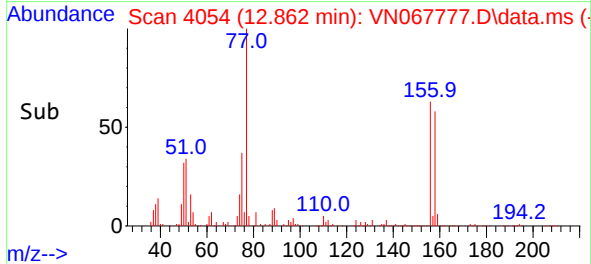




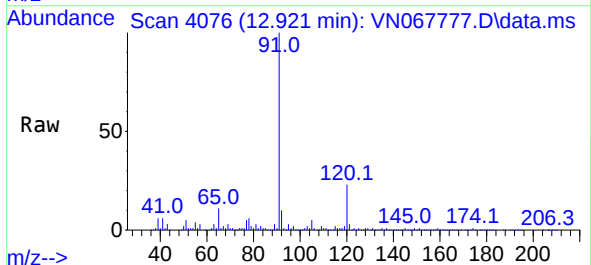
#77
Bromobenzene
Concen: 17.698 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



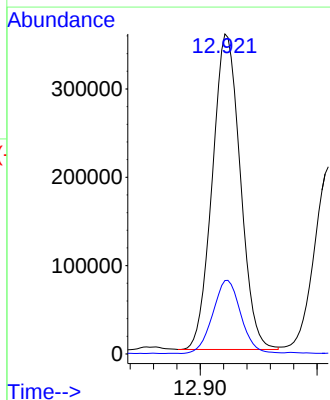
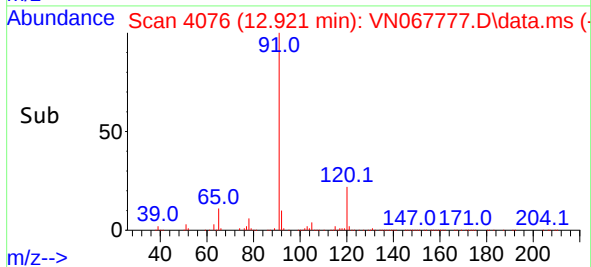
Tgt Ion:156 Resp: 121046
Ion Ratio Lower Upper
156 100
77 203.0 136.2 408.6
158 94.4 48.4 145.3



#78
n-propylbenzene
Concen: 16.976 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



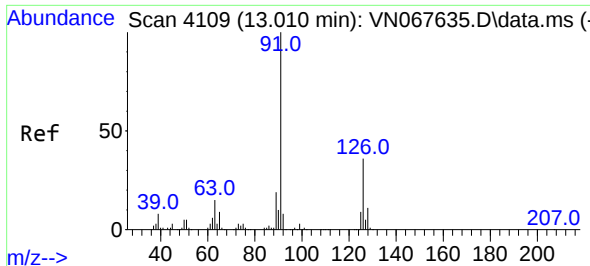
Tgt Ion: 91 Resp: 593362
Ion Ratio Lower Upper
91 100
120 23.2 10.4 31.4



Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM

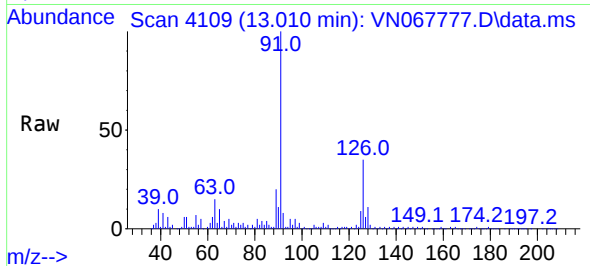


#79
2-Chlorotoluene
Concen: 16.795 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

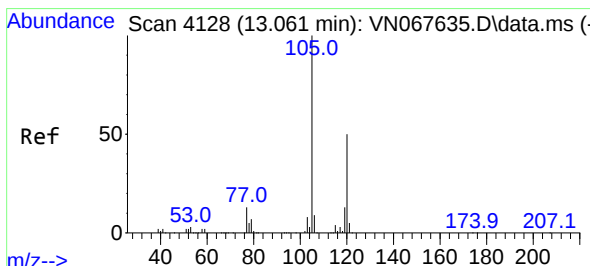
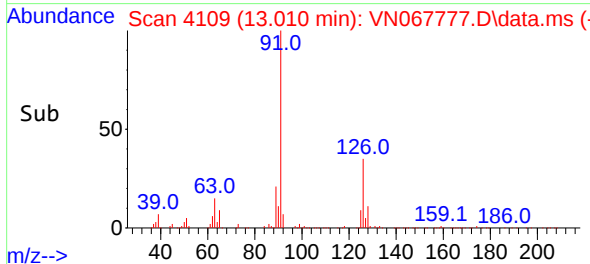
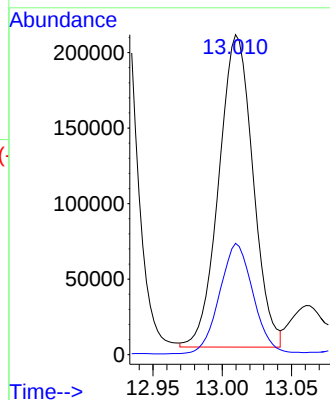
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM

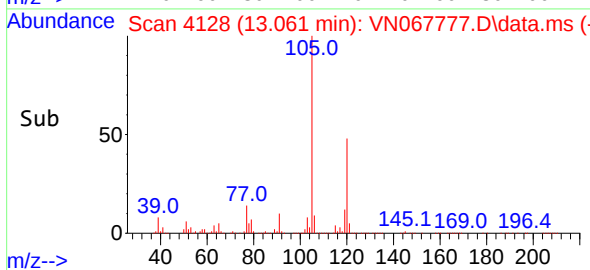
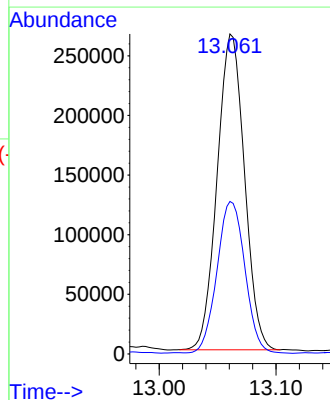
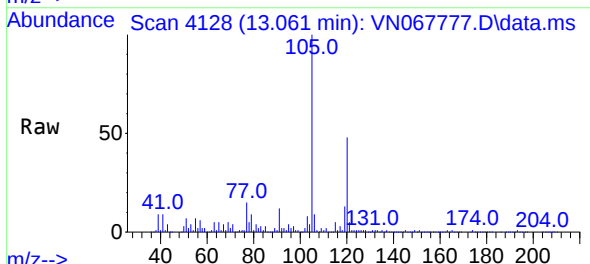


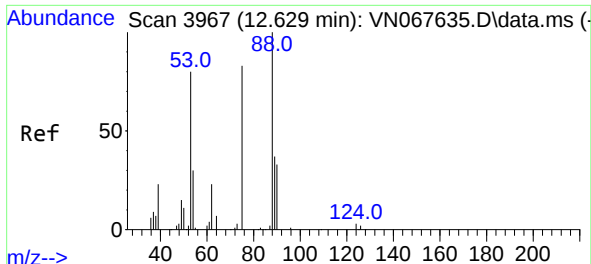
Tgt Ion: 91 Resp: 354642
Ion Ratio Lower Upper
91 100
126 35.0 14.5 43.5



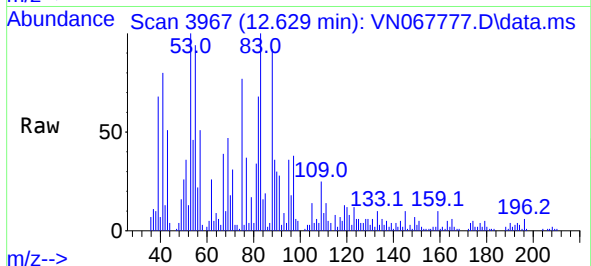
#80
1,3,5-Trimethylbenzene
Concen: 17.160 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion: 105 Resp: 429675
Ion Ratio Lower Upper
105 100
120 49.2 22.2 66.6

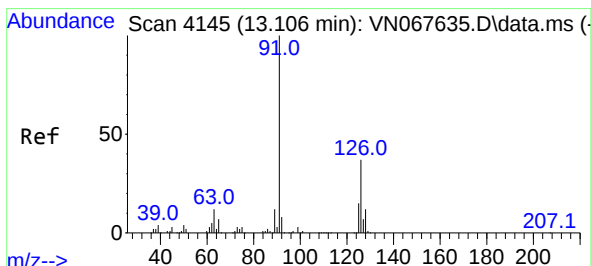
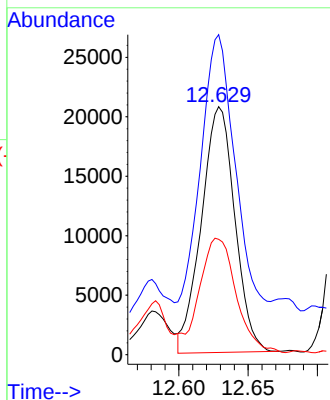
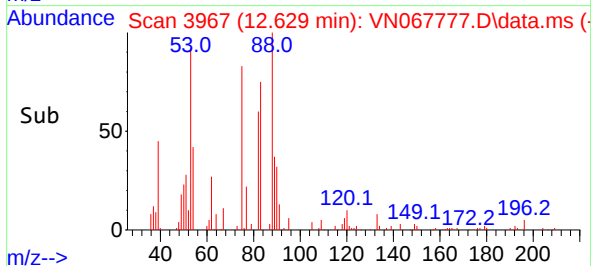




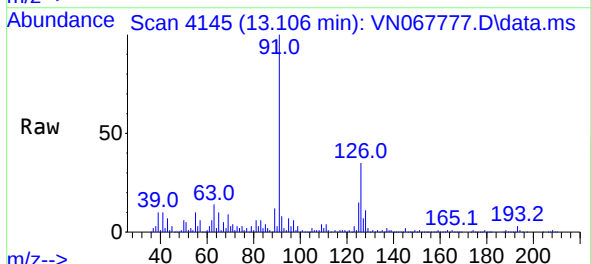
#81
trans-1,4-Dichloro-2-butene
Concen: 14.312 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



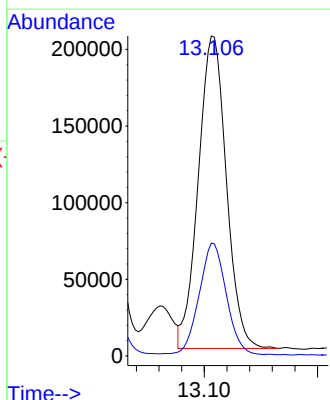
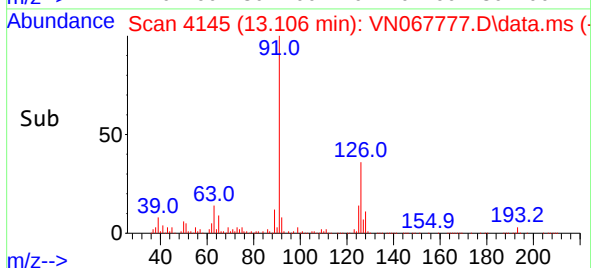
Tgt Ion: 75 Resp: 34722
Ion Ratio Lower Upper
75 100
53 112.2 87.6 131.4
89 49.5 37.8 56.8



#82
4-Chlorotoluene
Concen: 16.735 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



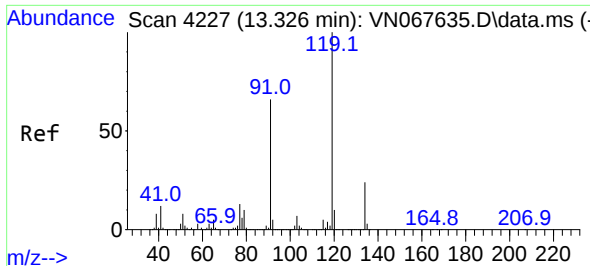
Tgt Ion: 91 Resp: 349680
Ion Ratio Lower Upper
91 100
126 34.5 14.8 44.4



Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

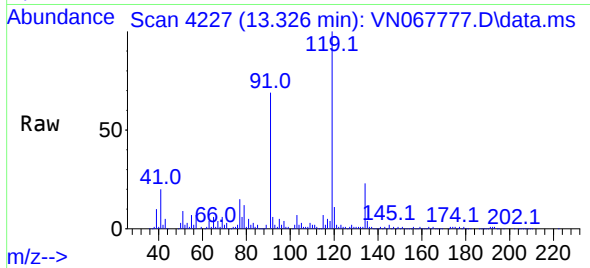
Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



#83
tert-Butylbenzene
Concen: 18.054 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

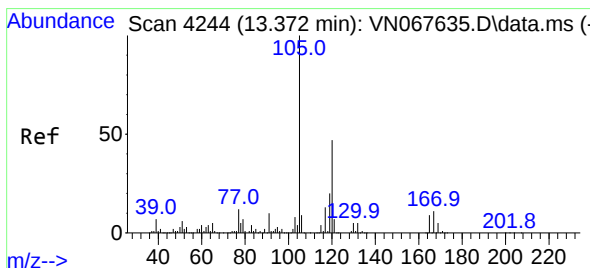
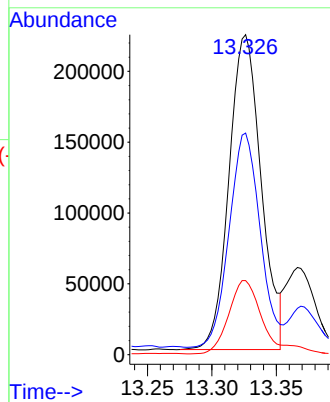
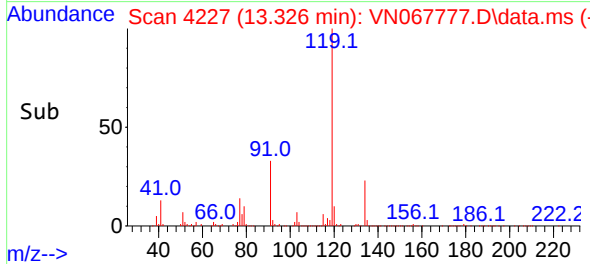
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01



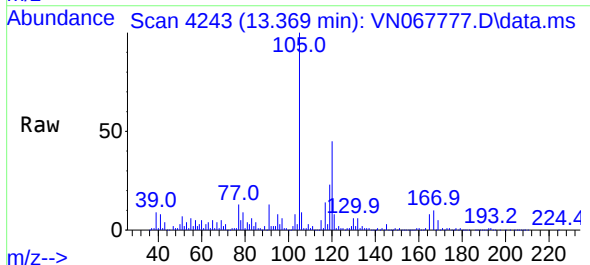
Tgt Ion:119 Resp: 385525
Ion Ratio Lower Upper
119 100
91 66.1 39.5 118.5
134 24.8 12.0 36.0

Manual Integrations
APPROVED

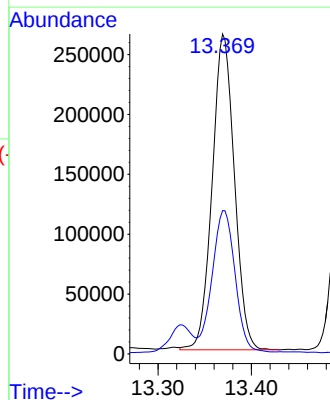
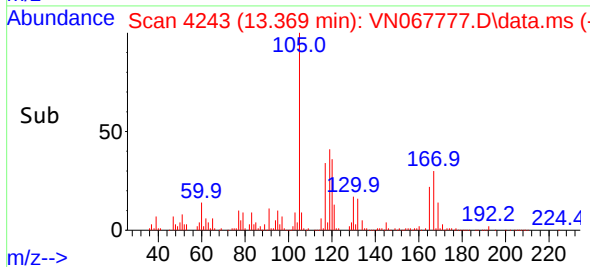
MMDadoda
7/19/2021 5:53:57 PM

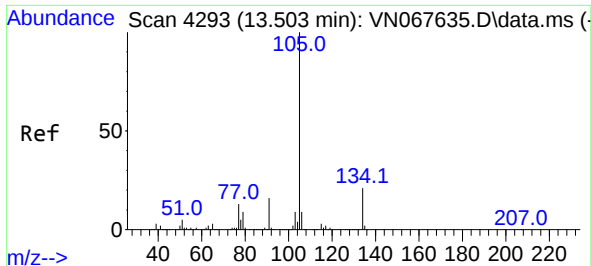


#84
1,2,4-Trimethylbenzene
Concen: 17.732 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



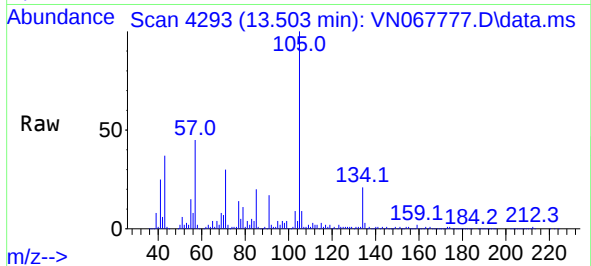
Tgt Ion:105 Resp: 435068
Ion Ratio Lower Upper
105 100
120 46.1 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 18.633 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067777.D
 Acq: 16 Jul 2021 16:58

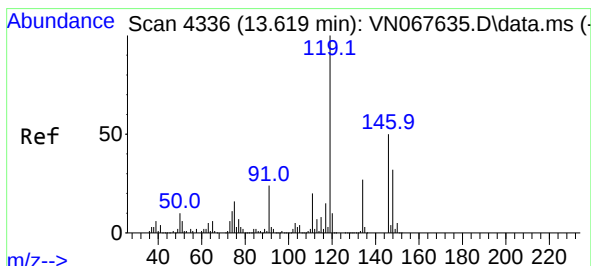
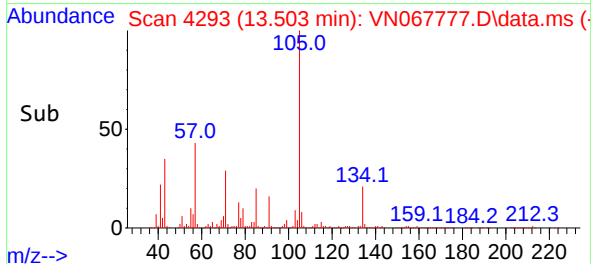
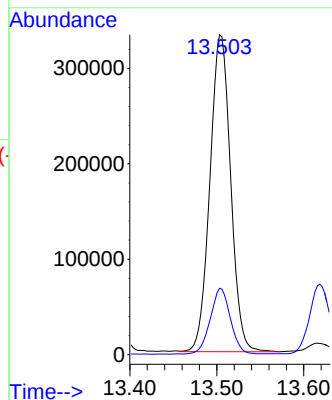
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01



Tgt Ion:105 Resp: 550670
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.0 27.1

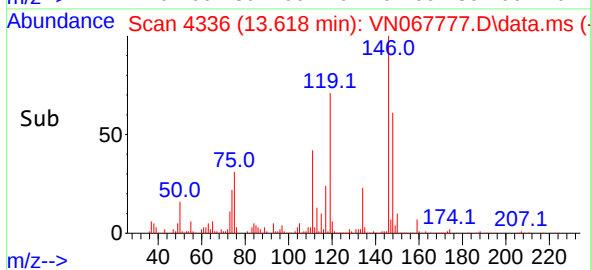
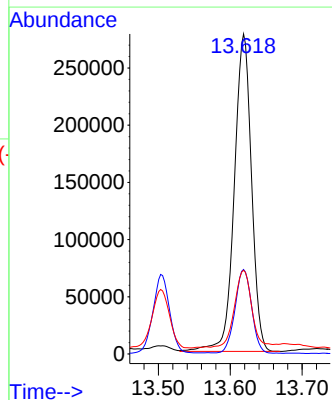
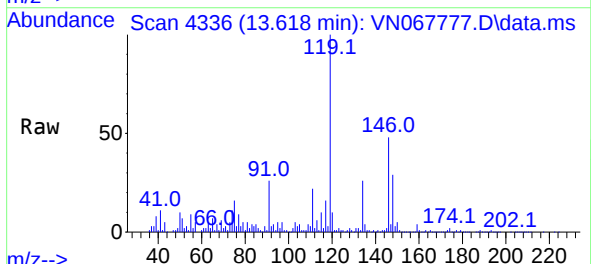
Manual Integrations
 APPROVED

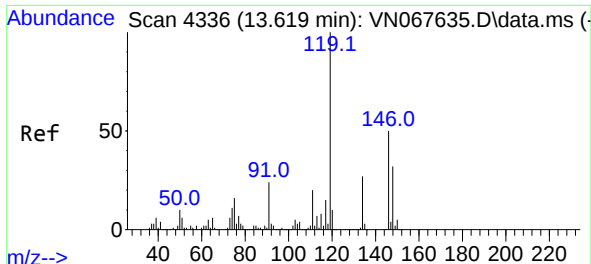
MMDadoda
 7/19/2021 5:53:57 PM



#86
 p-Isopropyltoluene
 Concen: 19.398 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.001 min
 Lab File: VN067777.D
 Acq: 16 Jul 2021 16:58

Tgt Ion:119 Resp: 462607
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.4
 91 24.0 14.8 44.3





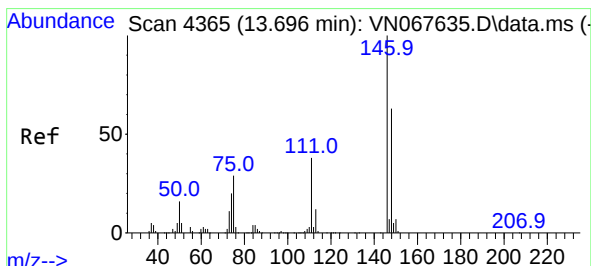
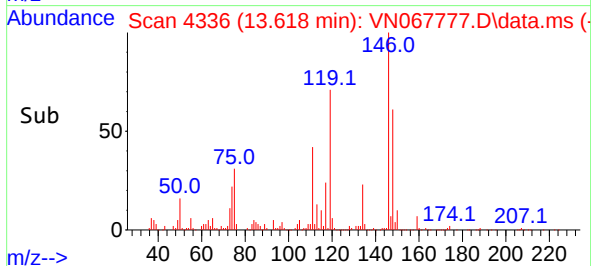
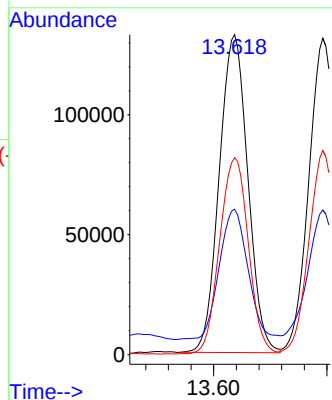
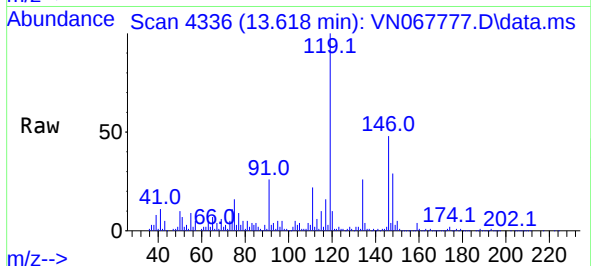
#87
1,3-Dichlorobenzene
Concen: 18.295 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:146 Resp: 232135
Ion Ratio Lower Upper
146 100
111 39.9 24.3 72.8
148 62.0 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

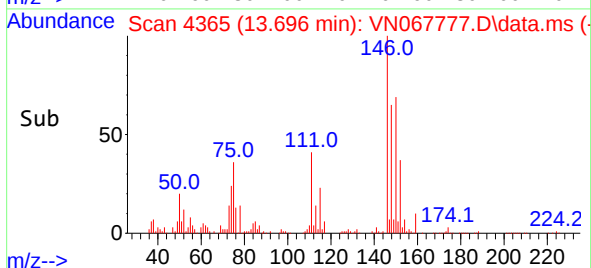
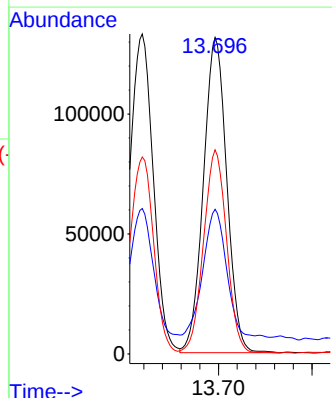
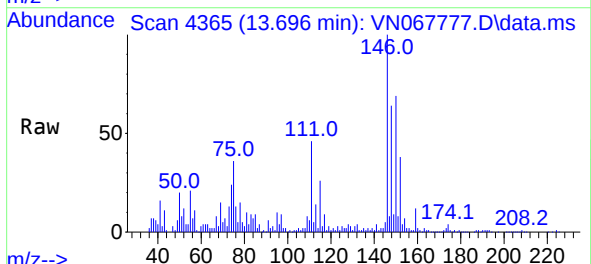
Manual Integrations
APPROVED

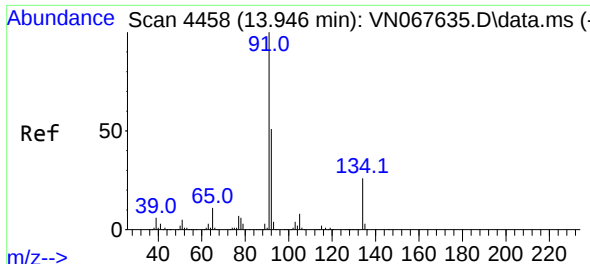
MMDadoda
7/19/2021 5:53:57 PM



#88
1,4-Dichlorobenzene
Concen: 17.554 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

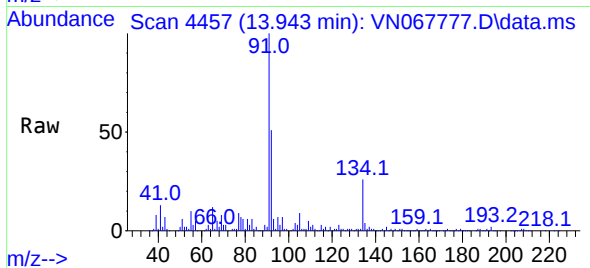
Tgt Ion:146 Resp: 228047
Ion Ratio Lower Upper
146 100
111 39.8 23.4 70.2
148 63.3 31.8 95.3





#89
n-Butylbenzene
Concen: 18.599 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

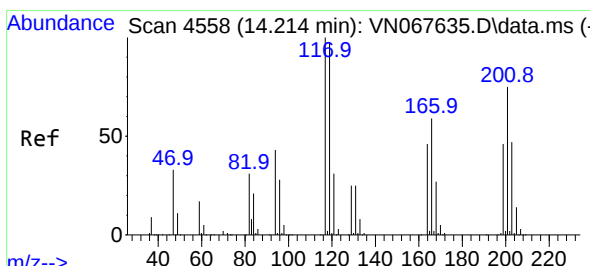
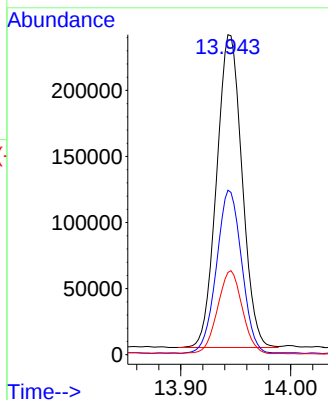
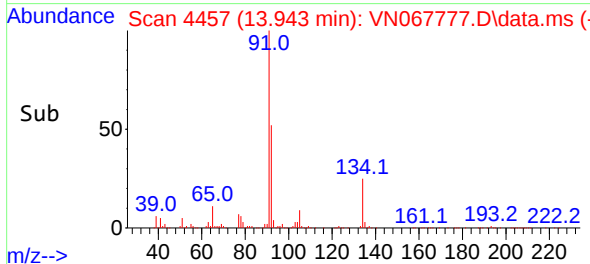
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01



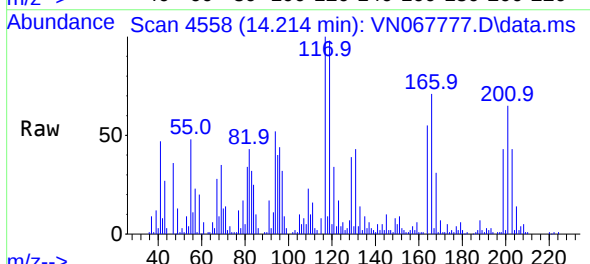
Tgt Ion: 91 Resp: 380451
Ion Ratio Lower Upper
91 100
92 51.8 25.7 77.1
134 25.8 11.2 33.6

Manual Integrations
APPROVED

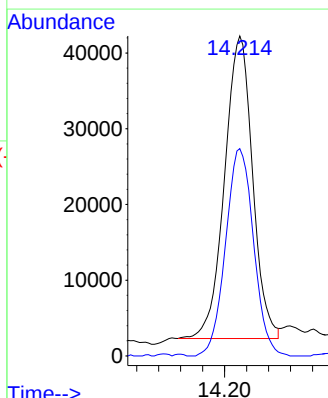
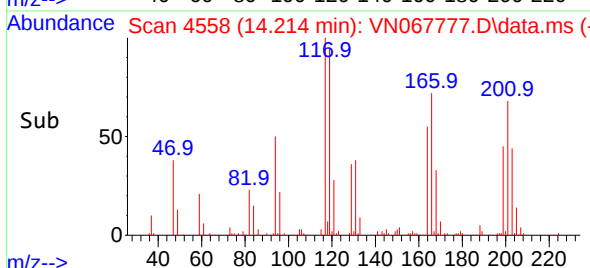
MMDadoda
7/19/2021 5:53:57 PM

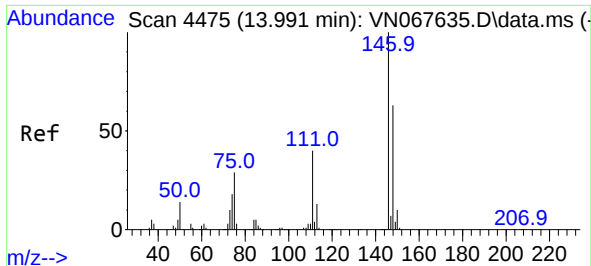


#90
Hexachloroethane
Concen: 17.824 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



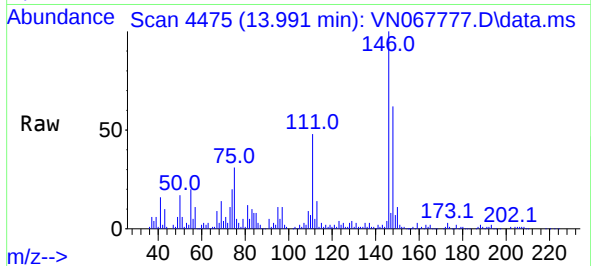
Tgt Ion: 117 Resp: 70601
Ion Ratio Lower Upper
117 100
201 68.6 33.5 100.5





#91
1,2-Dichlorobenzene
Concen: 18.897 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

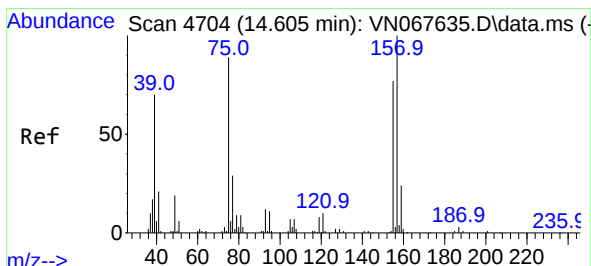
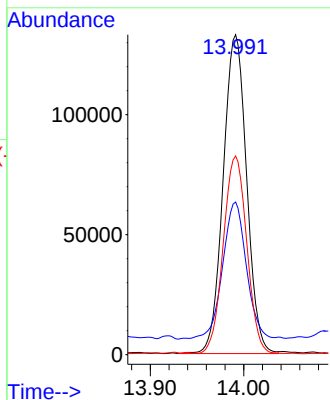
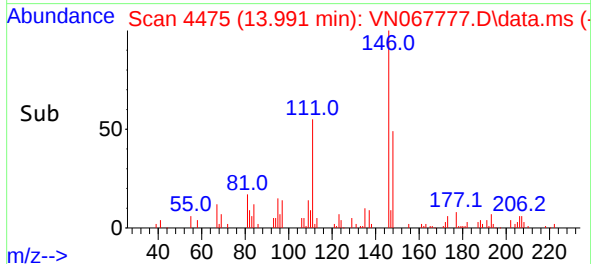
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01



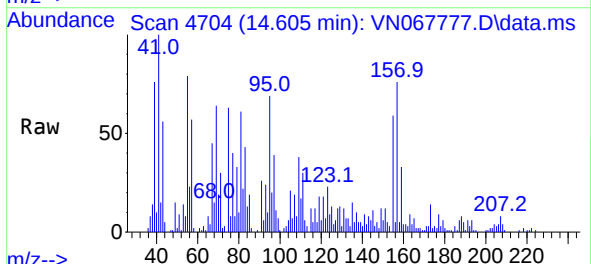
Tgt Ion:146 Resp: 231456
Ion Ratio Lower Upper
146 100
111 42.8 24.9 74.6
148 62.0 31.6 95.0

Manual Integrations
APPROVED

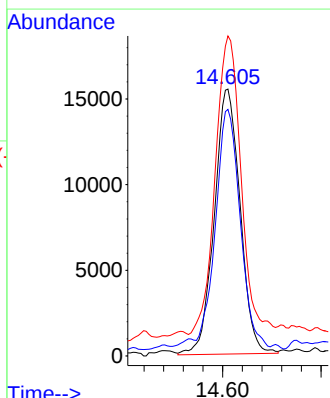
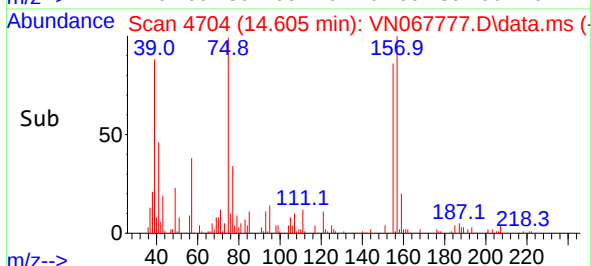
MMDadoda
7/19/2021 5:53:57 PM

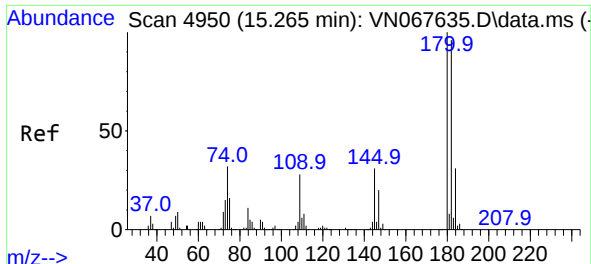


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.118 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

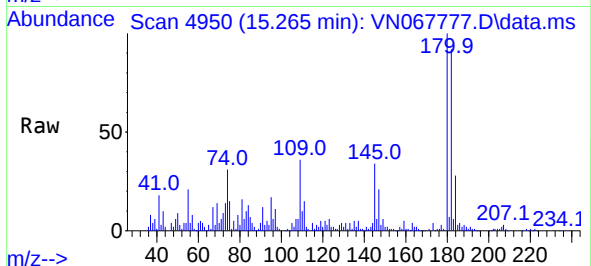


Tgt Ion: 75 Resp: 28223
Ion Ratio Lower Upper
75 100
155 84.7 29.8 89.5
157 112.1 37.6 112.8

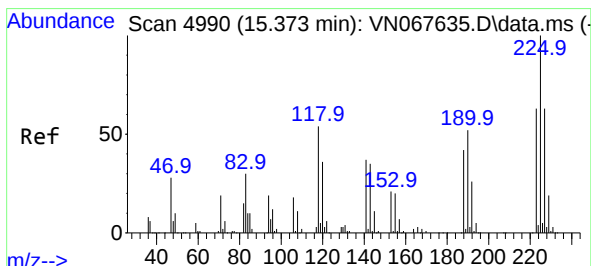
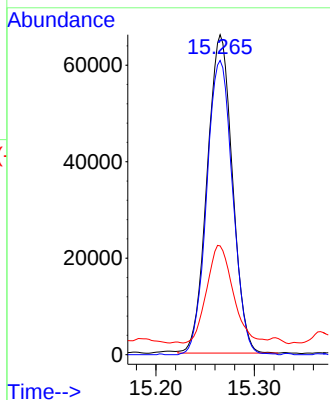
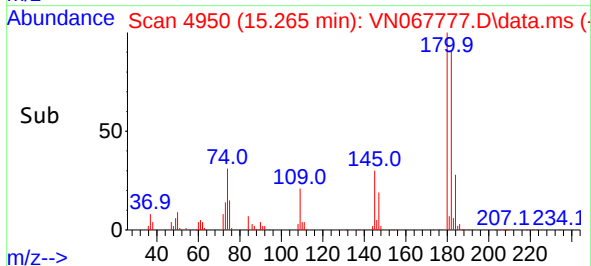




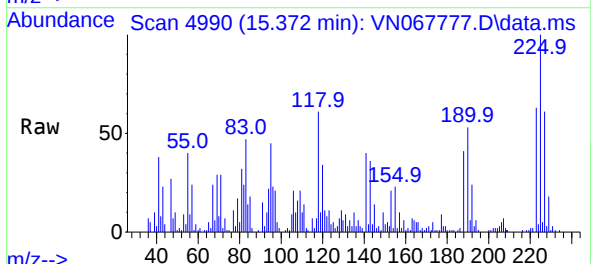
#93
1,2,4-Trichlorobenzene
Concen: 20.165 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



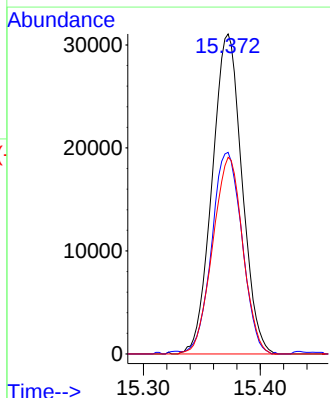
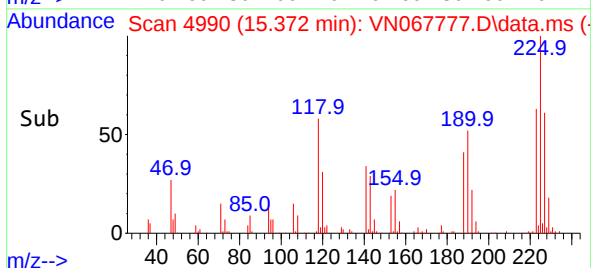
Tgt Ion:180 Resp: 117901
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 31.6 17.2 51.6



#94
Hexachlorobutadiene
Concen: 21.401 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.001 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58



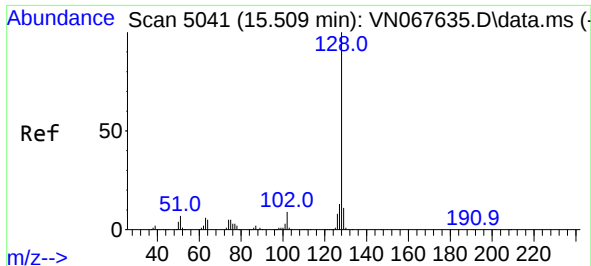
Tgt Ion:225 Resp: 55079
Ion Ratio Lower Upper
225 100
223 64.1 31.4 94.0
227 62.1 31.2 93.6



Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



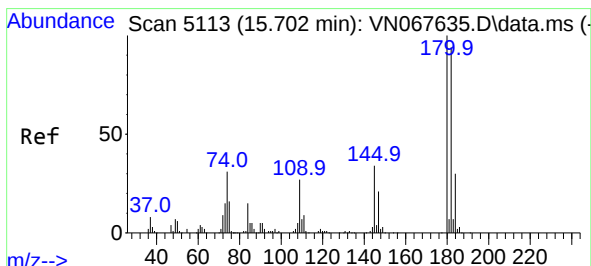
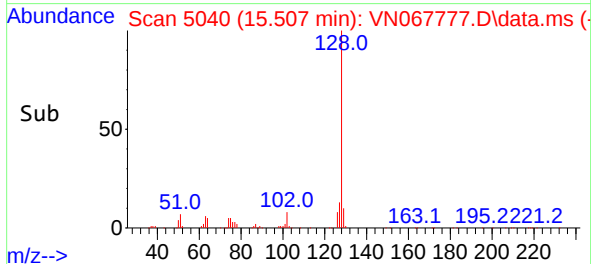
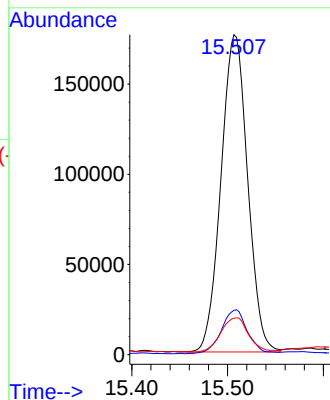
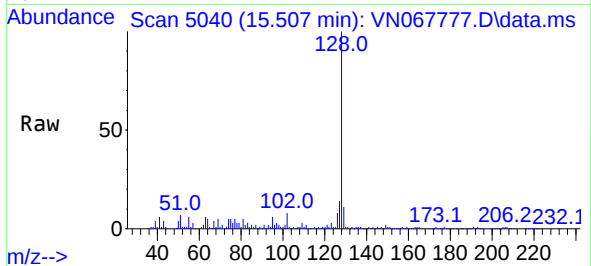
#95
Naphthalene
Concen: 20.034 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:	128	Resp:	339674
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	11.4	8.6	12.8

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Manual Integrations
APPROVED

MMDadoda
7/19/2021 5:53:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.992 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN067777.D
Acq: 16 Jul 2021 16:58

Tgt Ion:	180	Resp:	112071
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.8	143.3
145	33.0	18.2	54.6

