

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061621\
 Data File : VN067368.D
 Acq On : 16 Jun 2021 17:38
 Operator : JC/MD
 Sample : VN0616WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 3:09:42 PM

Quant Time: Jun 17 04:21:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	61279	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	375418	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	339777	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	200485	31.13	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	103.77%	
60) 4-Bromofluorobenzene	12.736	95	187510	28.59	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	95.30%	
63) Toluene-d8	10.443	98	503049	31.04	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	103.47%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	87679	19.18	ug/l	97
3) Chloromethane	2.301	50	92714	18.92	ug/l	98
4) Vinyl Chloride	2.443	62	88747	18.34	ug/l	98
5) Bromomethane	2.853	94	45545	18.75	ug/l	98
6) Chloroethane	3.017	64	54442	19.27	ug/l	93
7) Trichlorofluoromethane	3.368	101	124031	19.19	ug/l	93
8) Diethyl Ether	3.819	74	50400	19.14	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.202	101	75456	19.75	ug/l	76
10) 1,1-Dichloroethene	4.173	96	70563	19.01	ug/l	94
11) Methyl Iodide	4.414	142	70222	15.73	ug/l	97
12) Methyl Acetate	4.856	43	106713	19.38	ug/l	96
13) Acrolein	4.038	56	68393	104.08	ug/l	99
14) Acrylonitrile	5.556	53	230284	99.61	ug/l	98
15) Acetone	4.288	58	58219	100.69	ug/l	96
16) Carbon Disulfide	4.524	76	228046	19.38	ug/l	99
17) Allyl chloride	4.840	41	153857	19.05	ug/l	100
18) Methylene Chloride	5.098	84	91689	20.13	ug/l	97
19) trans-1,2-Dichloroethene	5.599	96	78942	19.51	ug/l	91
20) Diisopropyl ether	6.498	45	314468	20.06	ug/l	97
21) 1,1-Dichloroethane	6.388	63	172925	19.92	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	95232	19.81	ug/l	98
23) tert-Butyl Alcohol	5.387	59	91056	88.86	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	309958	19.65	ug/l	98
25) Chloroform	7.817	83	171433	19.29	ug/l	99
26) Cyclohexane	8.096	56	151779	20.18	ug/l #	100
29) 1,1-Dichloropropene	8.222	75	126460	18.82	ug/l	99
30) 2-Butanone	7.343	43	326136	94.55	ug/l	99
31) 2,2-Dichloropropane	7.324	77	156772	21.79	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	151283	17.72	ug/l	97
33) Carbon Tetrachloride	8.206	117	122753	17.10	ug/l	96
34) Benzene	8.461	78	365503	19.34	ug/l	100
35) Methacrylonitrile	7.643	41	72427	19.48	ug/l	96
36) 1,2-Dichloroethane	8.533	62	149106	18.54	ug/l	99
37) Trichloroethene	9.217	130	81411	18.20	ug/l	99
38) Methylcyclohexane	9.461	83	147435	21.30	ug/l	99
39) 1,2-Dichloropropane	9.494	63	96891	18.99	ug/l	98
40) Dibromomethane	9.579	93	66081	18.86	ug/l	97
41) Bromodichloromethane	9.764	83	138966	18.39	ug/l	100
42) Vinyl Acetate	6.436	43	1377359m	94.88	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061621\
 Data File : VN067368.D
 Acq On : 16 Jun 2021 17:38
 Operator : JC/MD
 Sample : VN0616WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01

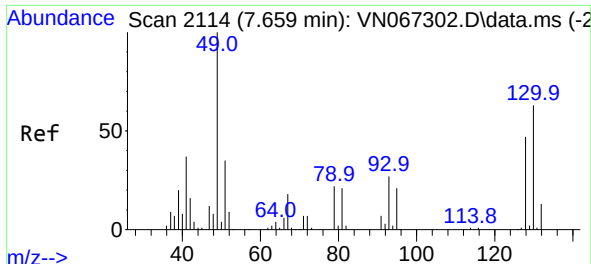
Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 3:09:42 PM

Quant Time: Jun 17 04:21:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	127575	18.18	ug/l #	73
44) Isopropyl Acetate	8.566	43	240493	18.54	ug/l	99
45) 1,4-Dioxane	9.577	88	30711	363.59	ug/l #	87
46) Methyl methacrylate	9.563	41	104084	18.06	ug/l	95
47) n-amyl Acetate	12.390	43	189253	17.20	ug/l	100
48) t-1,3-Dichloropropene	10.722	75	157351	18.86	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	160496	19.15	ug/l	95
50) 1,1,2-Trichloroethane	10.902	97	86759	19.06	ug/l	98
51) Ethyl methacrylate	10.762	69	154975	18.64	ug/l	96
52) 1,3-Dichloropropane	11.046	76	160058	19.30	ug/l	99
53) Dibromochloromethane	11.242	129	86028	16.99	ug/l	98
54) 1,2-Dibromoethane	11.349	107	86791	18.28	ug/l	97
55) 2-Chloroethyl vinyl ether	10.046	63	207353	98.38	ug/l	98
56) Bromoform	12.463	173	53413	15.55	ug/l #	99
58) 4-Methyl-2-Pentanone	10.336	43	693532	92.86	ug/l	99
59) 2-Hexanone	11.089	43	488123	90.37	ug/l	99
61) Tetrachloroethene	10.979	164	72816	18.49	ug/l	97
62) Toluene	10.507	91	387994	19.08	ug/l	99
64) Chlorobenzene	11.773	112	219877	18.41	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.846	131	78138	17.31	ug/l	99
66) Ethyl Benzene	11.848	91	437889	18.54	ug/l	99
67) m/p-Xylenes	11.956	106	306395	36.78	ug/l	99
68) o-Xylene	12.286	106	151399	18.21	ug/l	98
69) Styrene	12.299	104	247433	17.70	ug/l	99
70) Isopropylbenzene	12.583	105	402921	18.81	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.833	83	122397	18.78	ug/l	99
72) 1,2,3-Trichloropropane	12.886	75	124542m	19.18	ug/l	
73) Bromobenzene	12.865	156	78132	17.53	ug/l	95
74) n-propylbenzene	12.924	91	496433	19.28	ug/l	99
75) 2-Chlorotoluene	13.012	91	300421	18.43	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.063	105	333469	18.37	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	41036	18.14	ug/l	98
78) 4-Chlorotoluene	13.109	91	296168	18.27	ug/l	98
79) tert-butylbenzene	13.326	119	266428	18.27	ug/l	99
80) 1,2,4-Trimethylbenzene	13.372	105	330028m	18.42	ug/l	
81) sec-Butylbenzene	13.506	105	394112	19.47	ug/l	100
82) p-Isopropyltoluene	13.618	119	304757	18.67	ug/l	100
83) 1,3-Dichlorobenzene	13.618	146	144596	17.99	ug/l	98
84) 1,4-Dichlorobenzene	13.699	146	138498	17.17	ug/l	98
85) n-Butylbenzene	13.946	91	303373	19.98	ug/l	99
86) Hexachloroethane	14.214	117	58397	17.48	ug/l	91
87) 1,2-Dichlorobenzene	13.991	146	140848	17.96	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	27381	16.59	ug/l	96
89) 1,2,4-Trichlorobenzene	15.268	180	71221	17.86	ug/l	98
90) Hexachlorobutadiene	15.375	225	36881	17.42	ug/l	97
91) Naphthalene	15.509	128	217245	16.22	ug/l	98
92) 1,2,3-Trichlorobenzene	15.705	180	66713	17.20	ug/l	99

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



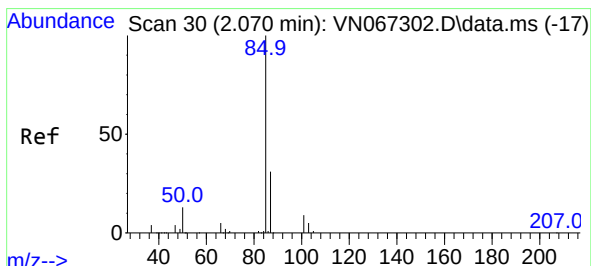
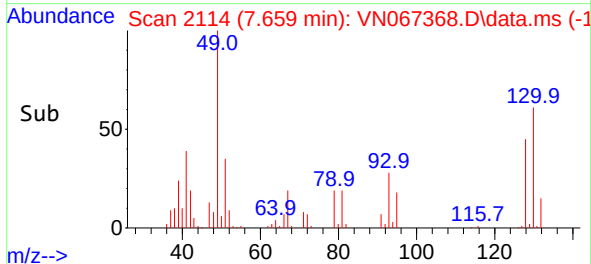
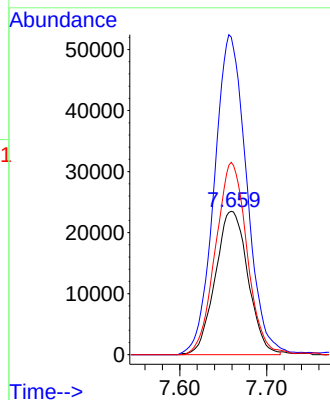
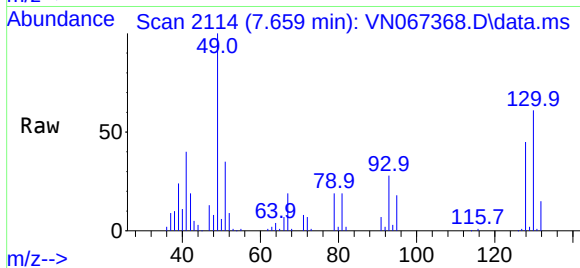
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:128 Resp: 61279
Ion Ratio Lower Upper
128 100
49 220.9 0.0 517.5
130 129.8 0.0 325.8

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

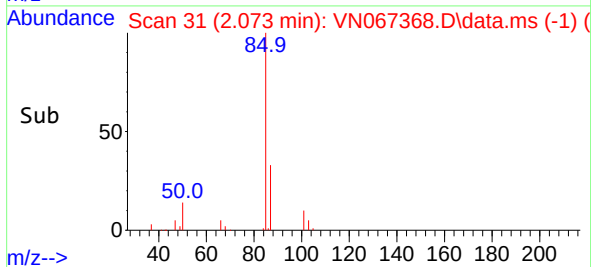
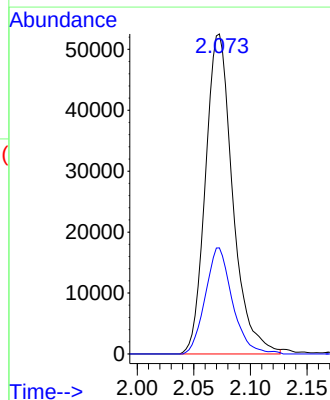
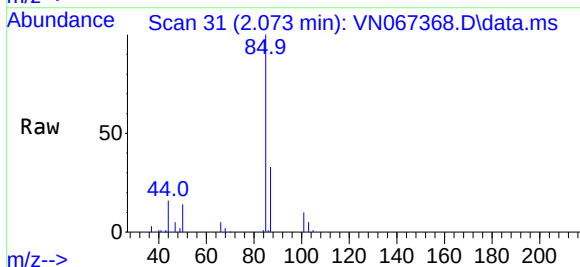
Manual Integrations
APPROVED

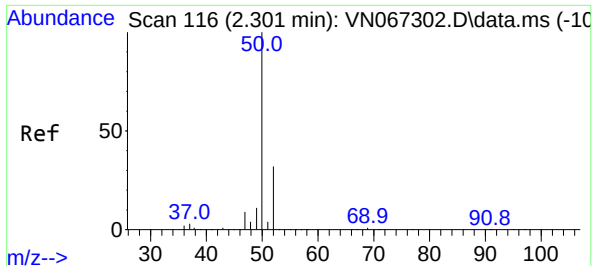
MMDadoda
6/17/2021 3:09:42 PM



#2
Dichlorodifluoromethane
Concen: 19.18 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 85 Resp: 87679
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0





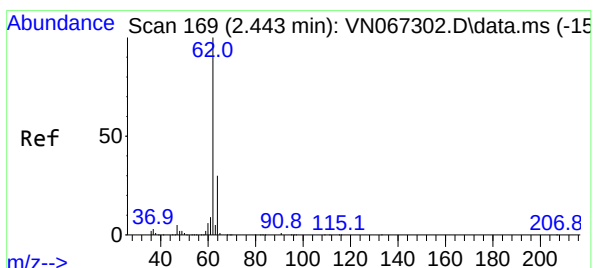
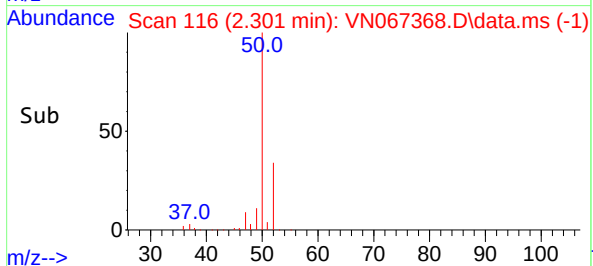
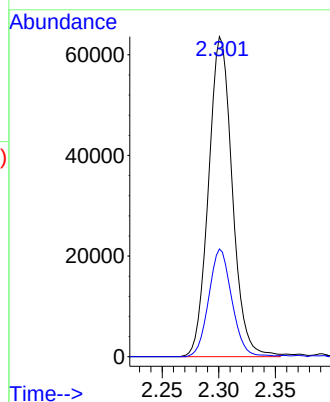
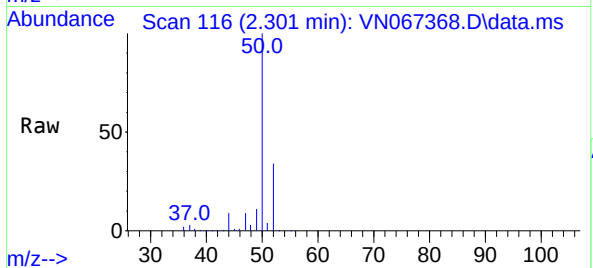
#3
Chloromethane
Concen: 18.92 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 50 Resp: 92714
Ion Ratio Lower Upper
50 100
52 33.7 26.0 39.0

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

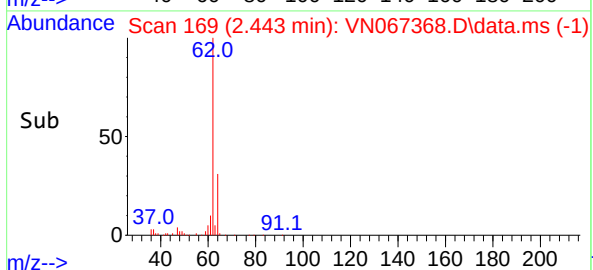
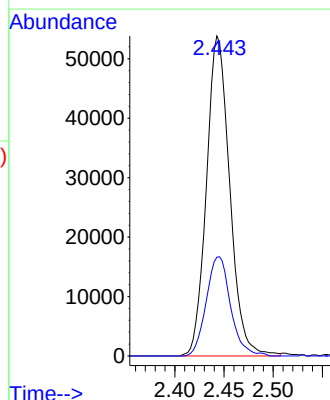
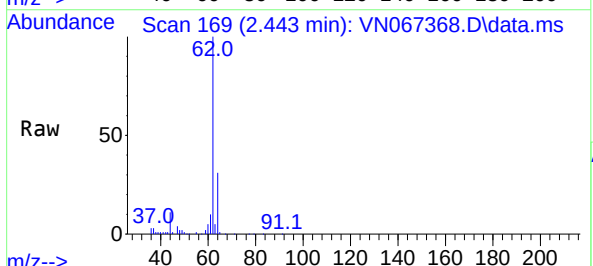
Manual Integrations
APPROVED

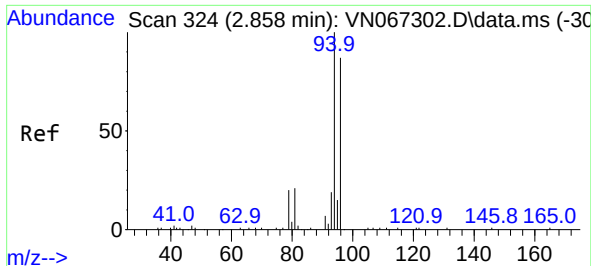
MMDadoda
6/17/2021 3:09:42 PM



#4
Vinyl Chloride
Concen: 18.34 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

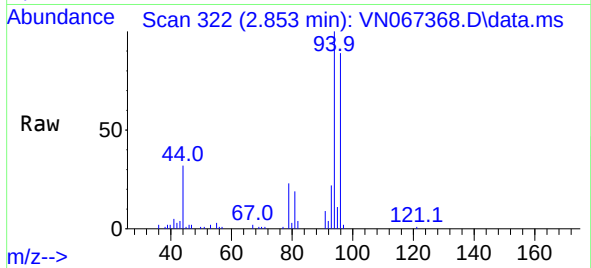
Tgt Ion: 62 Resp: 88747
Ion Ratio Lower Upper
62 100
64 30.9 23.7 35.5





#5
Bromomethane
Concen: 18.75 ug/l
RT: 2.853 min Scan# 322
Delta R.T. -0.005 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

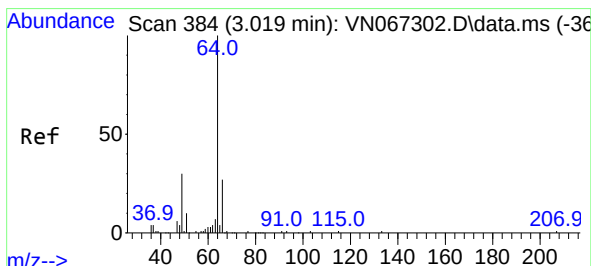
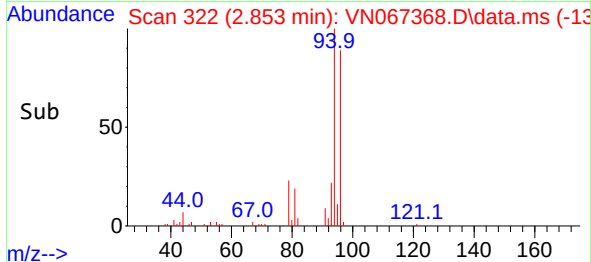
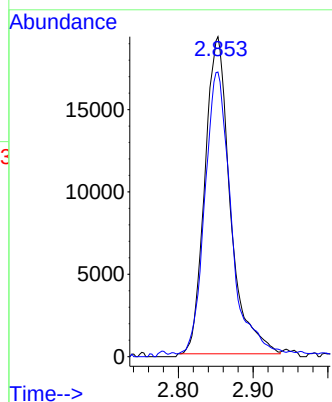
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 94 Resp: 45545
Ion Ratio Lower Upper
94 100
96 88.6 69.4 104.2

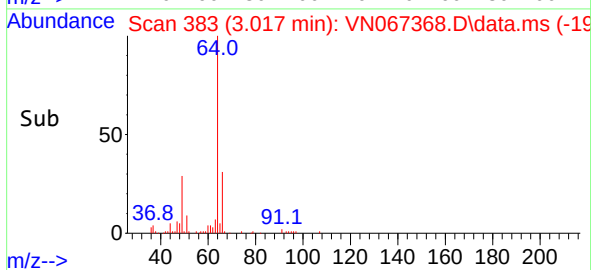
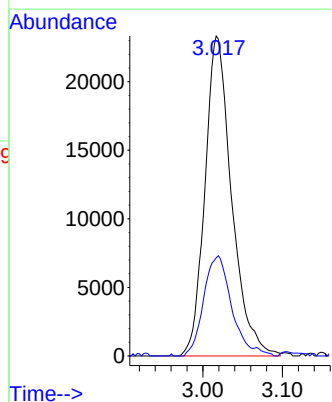
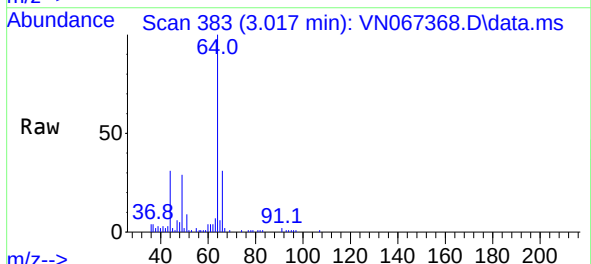
Manual Integrations
APPROVED

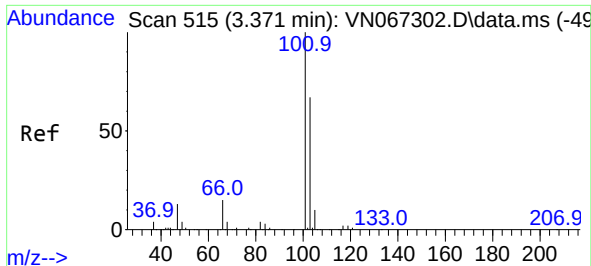
MMDadoda
6/17/2021 3:09:42 PM



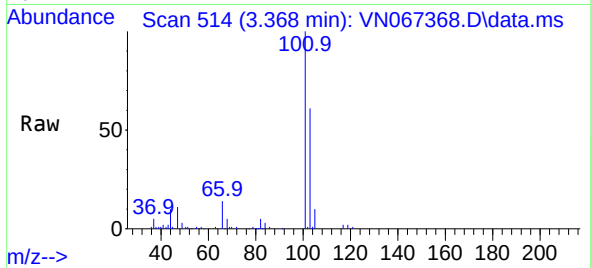
#6
Chloroethane
Concen: 19.27 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 64 Resp: 54442
Ion Ratio Lower Upper
64 100
66 30.7 21.5 32.3

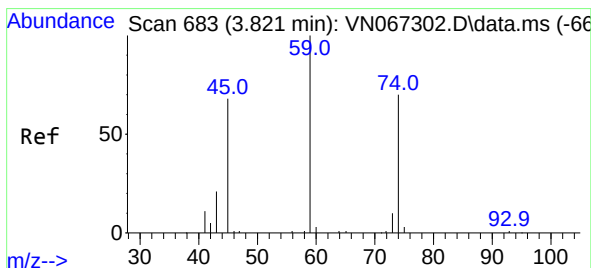
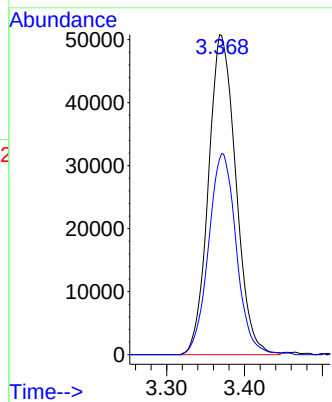
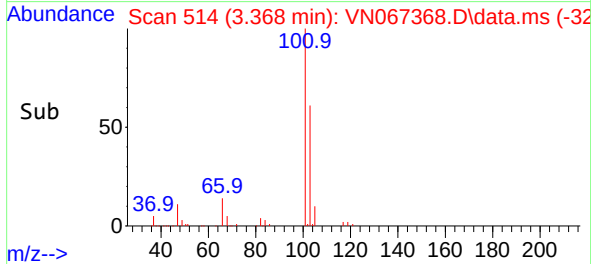




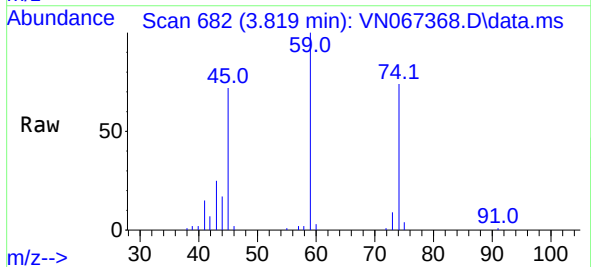
#7
Trichlorofluoromethane
Concen: 19.19 ug/l
RT: 3.368 min Scan# 514
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



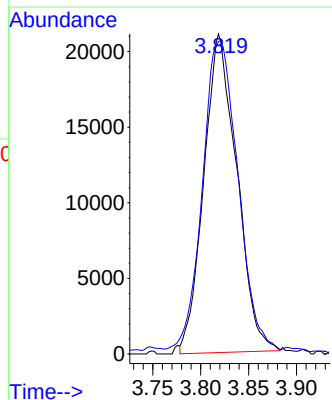
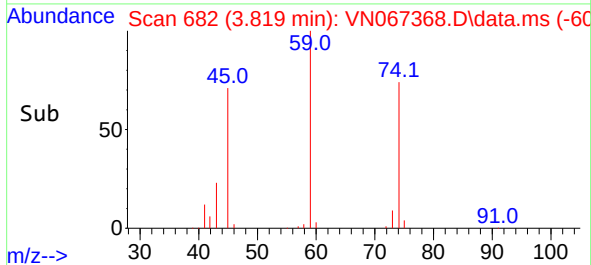
Tgt Ion:101 Resp: 124031
Ion Ratio Lower Upper
101 100
103 61.2 53.7 80.5



#8
Diethyl Ether
Concen: 19.14 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



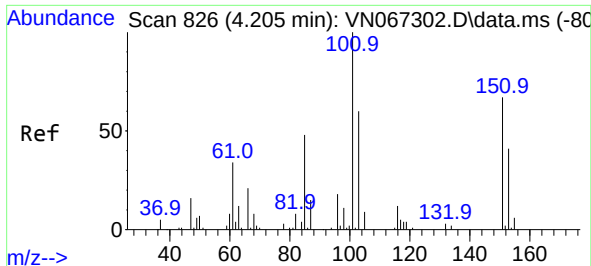
Tgt Ion: 74 Resp: 50400
Ion Ratio Lower Upper
74 100
45 103.9 20.3 182.5



Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

MMDadoda
6/17/2021 3:09:42 PM



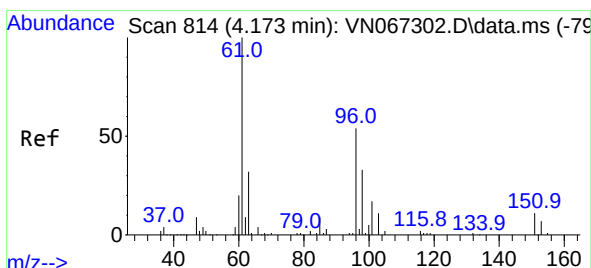
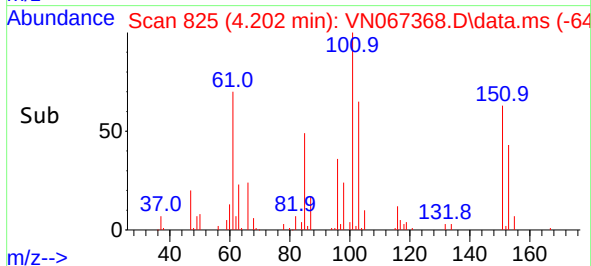
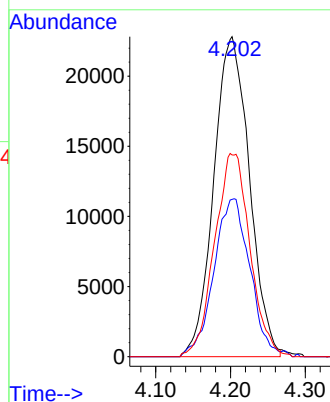
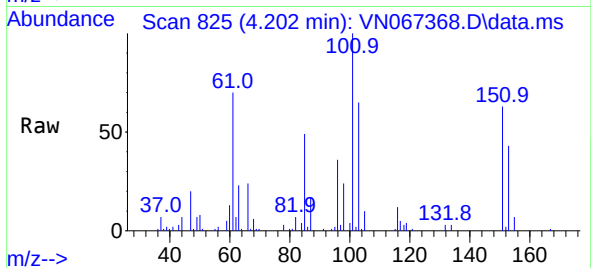
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.75 ug/l
RT: 4.202 min Scan# 825
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 101 Resp: 75456
Ion Ratio Lower Upper
101 100
85 49.8 0.0 97.8
151 35.4 0.0 135.0

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

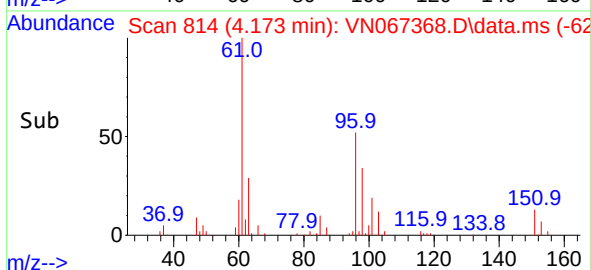
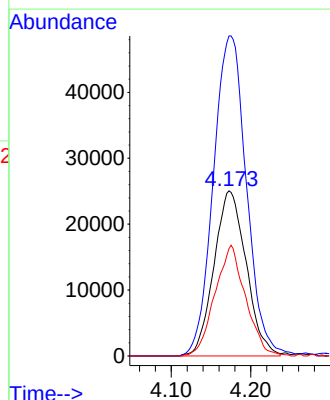
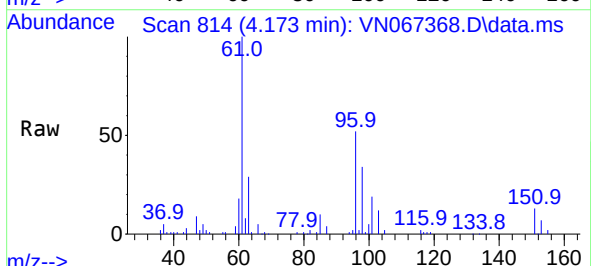
Manual Integrations
APPROVED

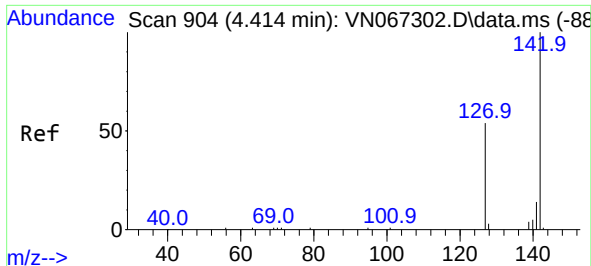
MMDadoda
6/17/2021 3:09:42 PM



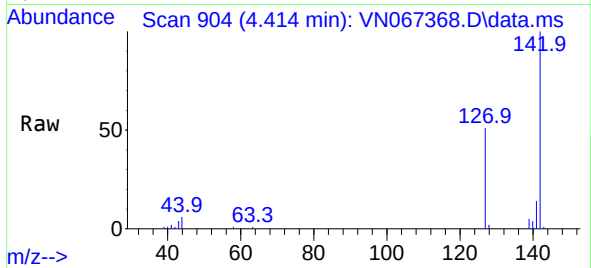
#10
1,1-Dichloroethene
Concen: 19.01 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 96 Resp: 70563
Ion Ratio Lower Upper
96 100
61 193.7 148.3 222.5
98 65.0 48.6 73.0

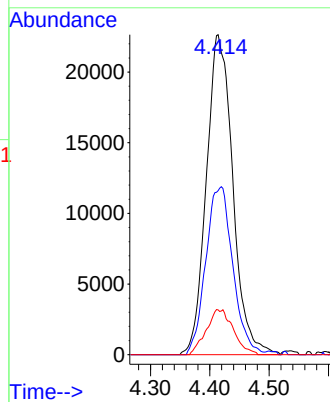
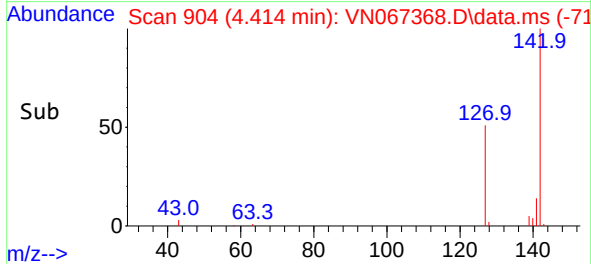




#11
Methyl Iodide
Concen: 15.73 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



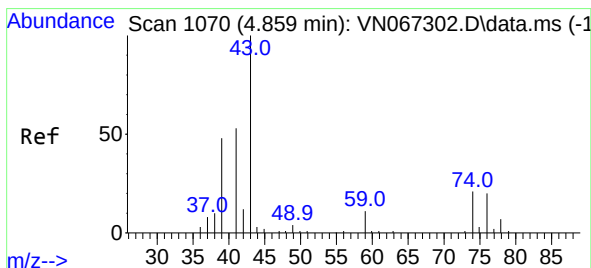
Tgt Ion:142 Resp: 70222
Ion Ratio Lower Upper
142 100
127 51.3 27.2 81.5
141 14.0 6.9 20.7



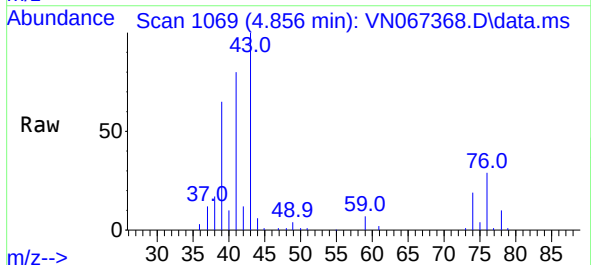
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

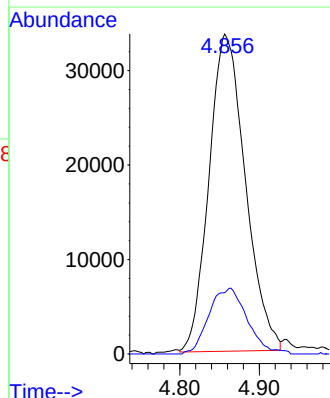
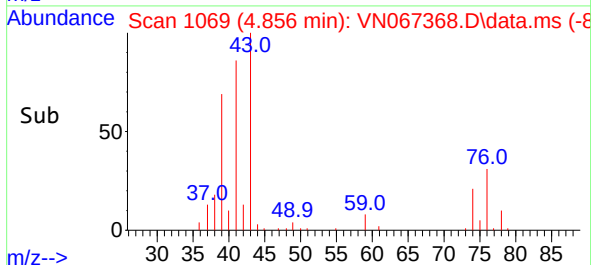
MMDadoda
6/17/2021 3:09:42 PM

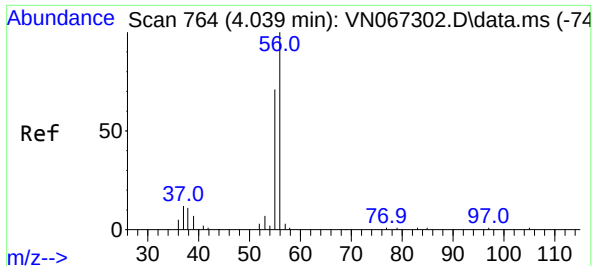


#12
Methyl Acetate
Concen: 19.38 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



Tgt Ion: 43 Resp: 106713
Ion Ratio Lower Upper
43 100
74 19.1 16.6 25.0





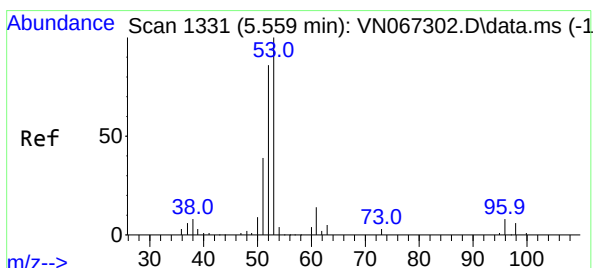
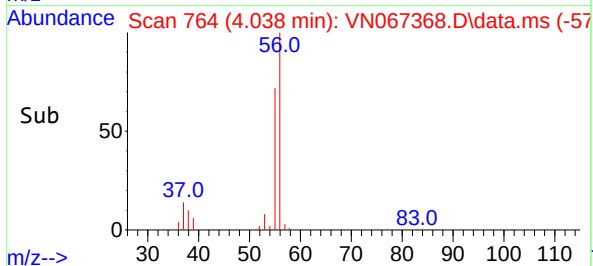
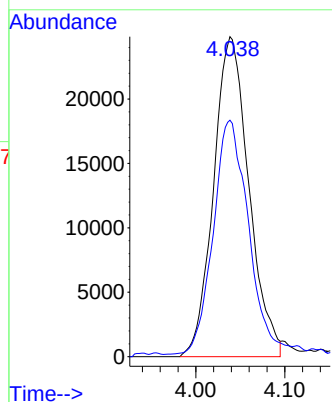
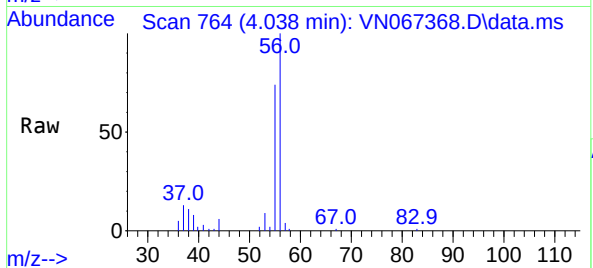
#13
Acrolein
Concen: 104.08 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 56 Resp: 68393
Ion Ratio Lower Upper
56 100
55 72.6 57.5 86.3

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

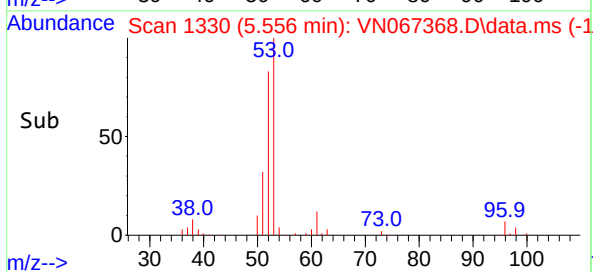
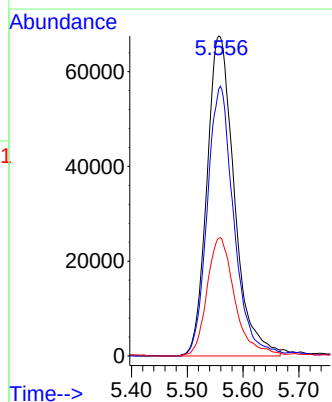
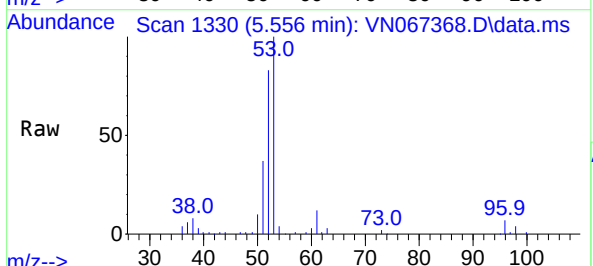
Manual Integrations
APPROVED

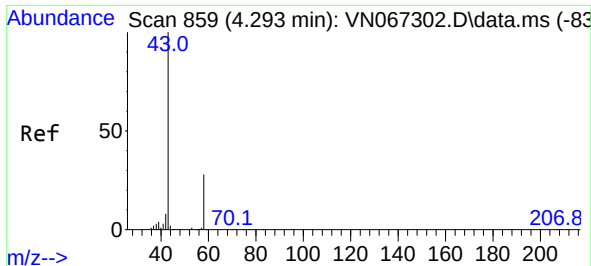
MMDadoda
6/17/2021 3:09:42 PM



#14
Acrylonitrile
Concen: 99.61 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

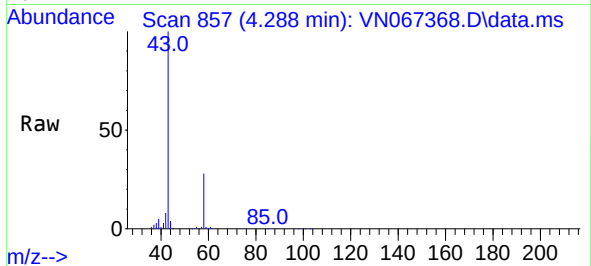
Tgt Ion: 53 Resp: 230284
Ion Ratio Lower Upper
53 100
52 81.4 41.8 125.4
51 37.7 18.1 54.3





#15
Acetone
Concen: 100.69 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.005 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

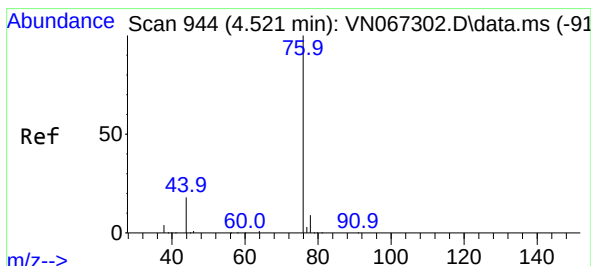
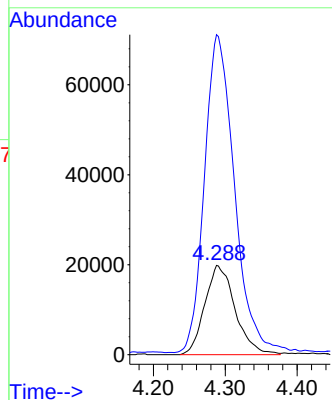
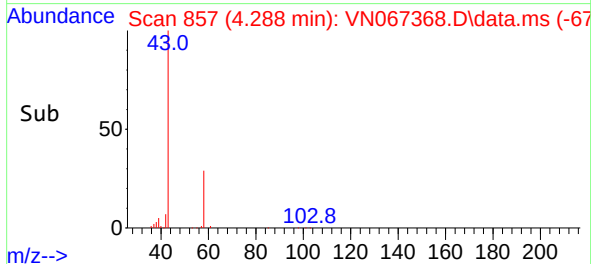
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



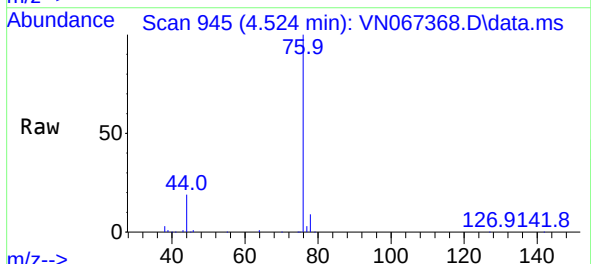
Tgt Ion: 58 Resp: 58219
Ion Ratio Lower Upper
58 100
43 354.2 289.6 434.4

Manual Integrations
APPROVED

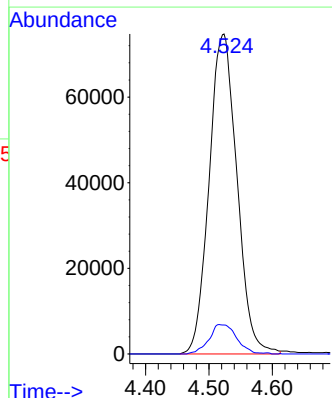
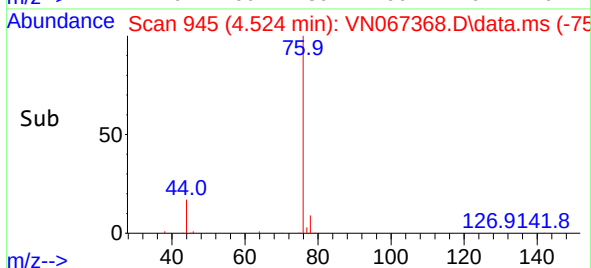
MMDadoda
6/17/2021 3:09:42 PM

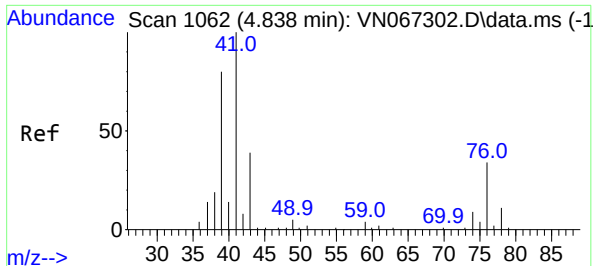


#16
Carbon Disulfide
Concen: 19.38 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

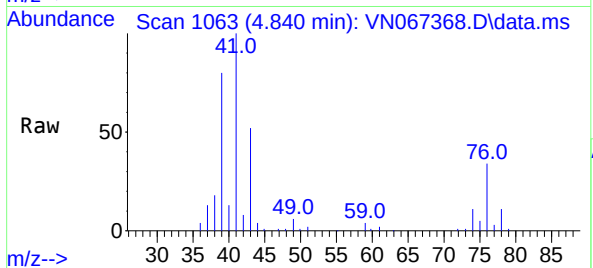


Tgt Ion: 76 Resp: 228046
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

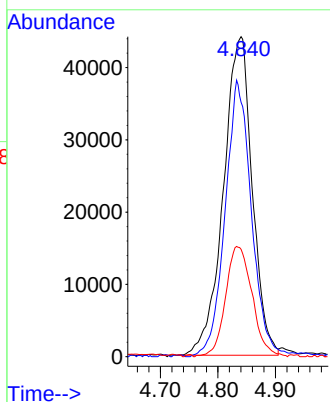
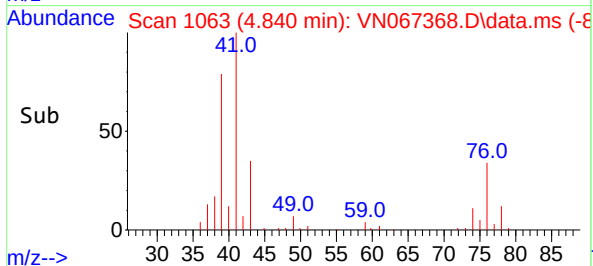




#17
Allyl chloride
Concen: 19.05 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



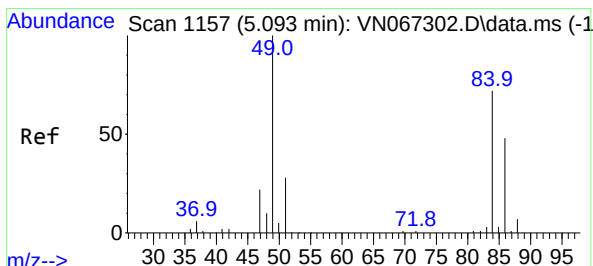
Tgt Ion: 41 Resp: 153857
Ion Ratio Lower Upper
41 100
39 79.3 39.8 119.4
76 33.1 16.8 50.4



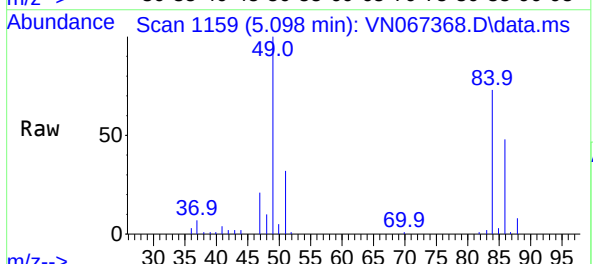
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

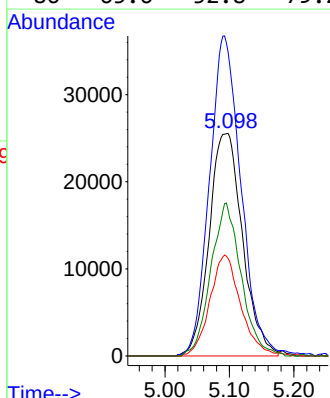
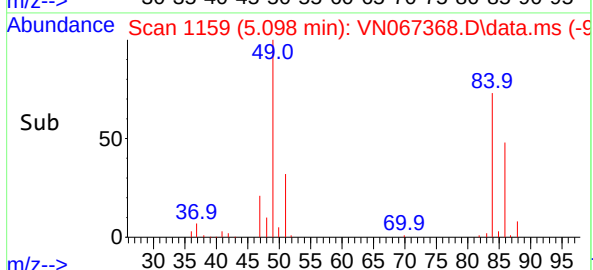
MMDadoda
6/17/2021 3:09:42 PM

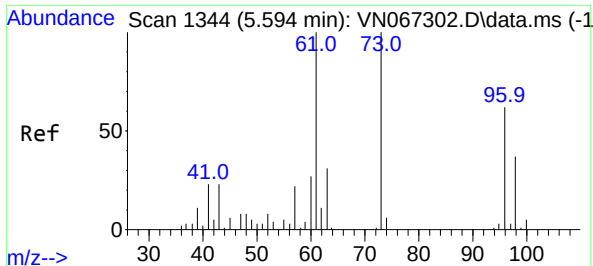


#18
Methylene Chloride
Concen: 20.13 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



Tgt Ion: 84 Resp: 91689
Ion Ratio Lower Upper
84 100
49 135.7 110.9 166.3
51 43.8 31.2 46.8
86 65.6 52.8 79.2





#19

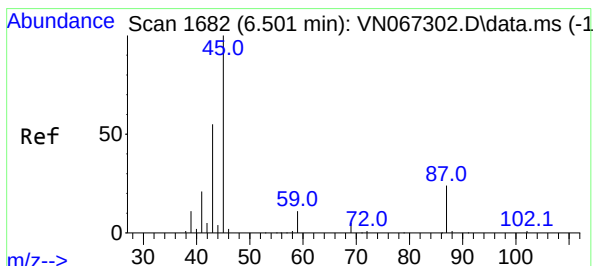
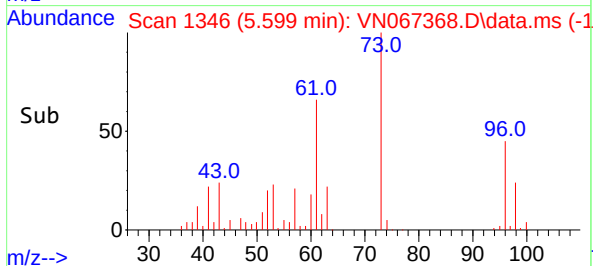
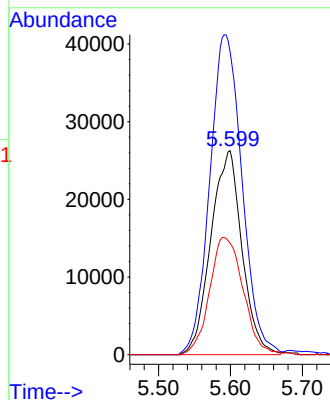
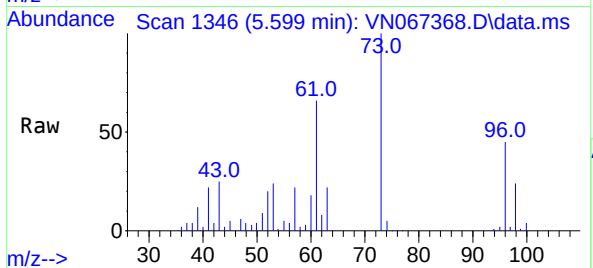
trans-1,2-Dichloroethene
Concen: 19.51 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. 0.005 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 96 Resp: 78942
Ion Ratio Lower Upper
96 100
61 147.8 129.3 193.9
98 54.7 48.0 72.0

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

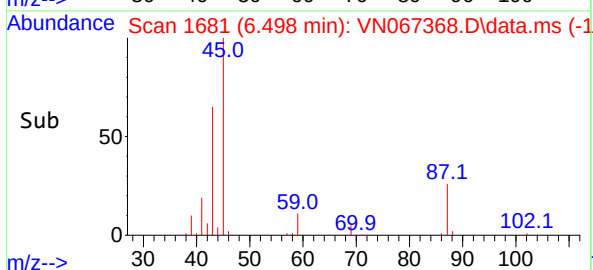
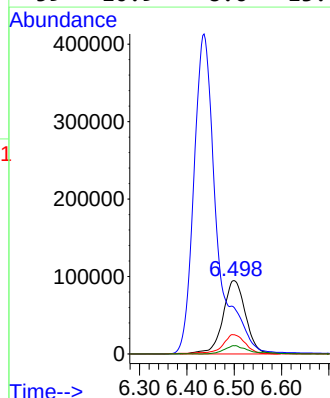
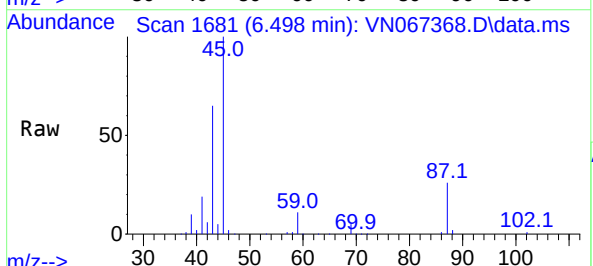
MMDadoda
6/17/2021 3:09:42 PM

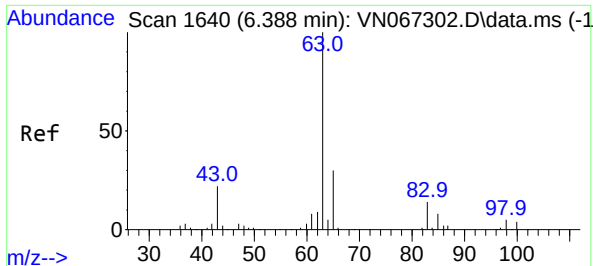


#20

Diisopropyl ether
Concen: 20.06 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 45 Resp: 314468
Ion Ratio Lower Upper
45 100
43 62.4 48.1 72.1
87 26.0 19.8 29.6
59 10.9 8.6 13.0





#21

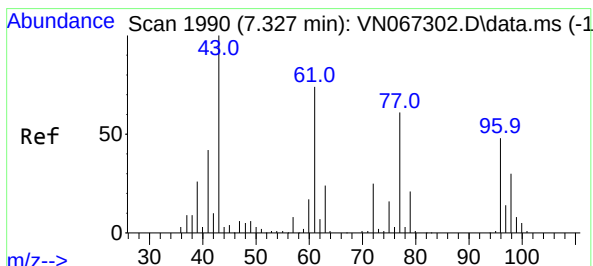
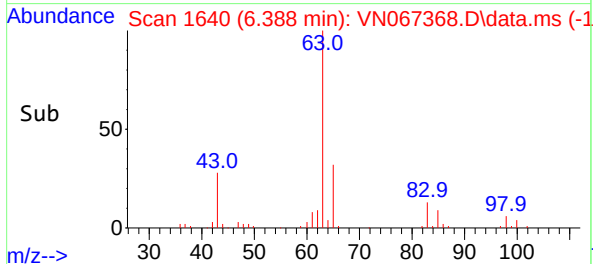
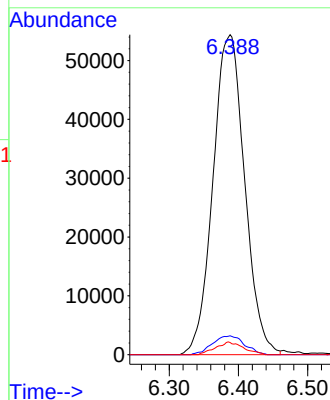
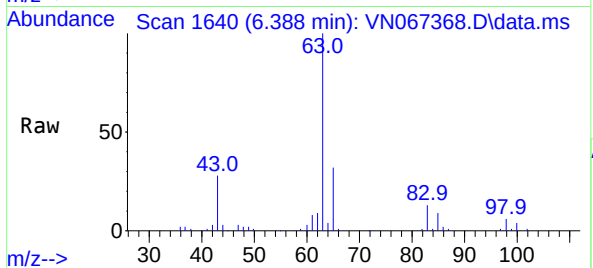
1,1-Dichloroethane
Concen: 19.92 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 63 Resp: 172925
Ion Ratio Lower Upper
63 100
98 5.9 2.7 8.1
100 3.8 1.8 5.3

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

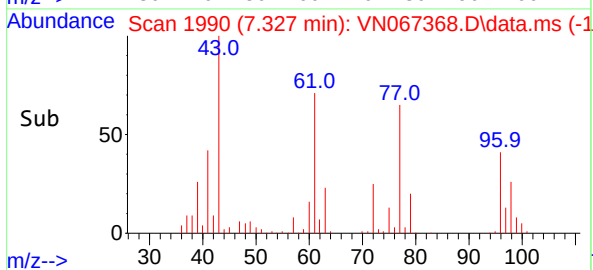
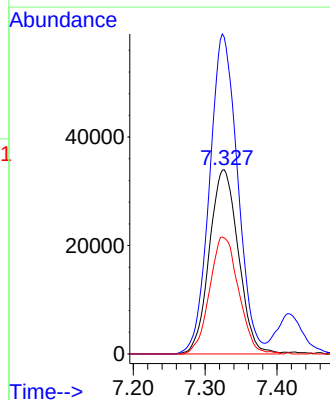
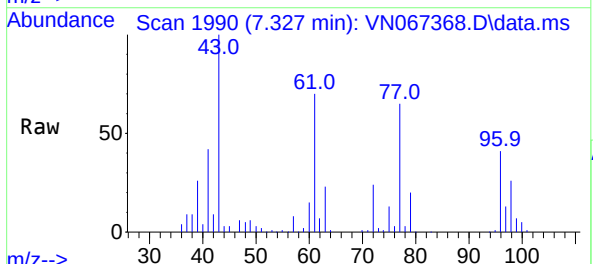
MMDadoda
6/17/2021 3:09:42 PM

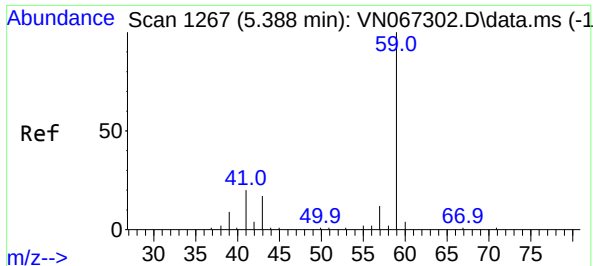


#22

cis-1,2-Dichloroethene
Concen: 19.81 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 96 Resp: 95232
Ion Ratio Lower Upper
96 100
61 168.2 131.2 196.8
98 63.1 50.7 76.1





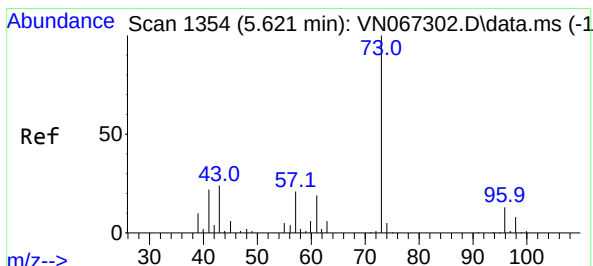
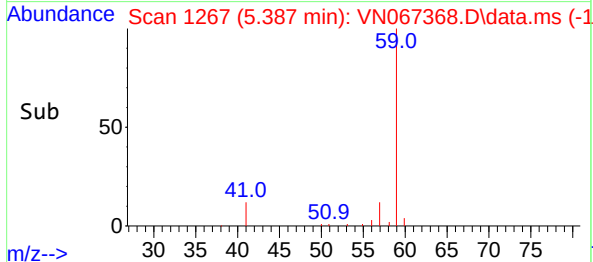
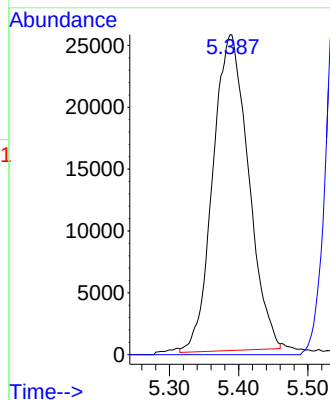
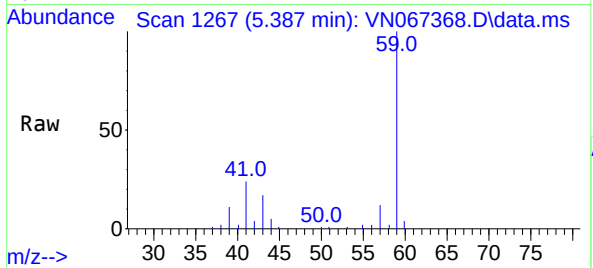
#23
tert-Butyl Alcohol
Concen: 88.86 ug/l
RT: 5.387 min Scan# 1267
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 59 Resp: 91056
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

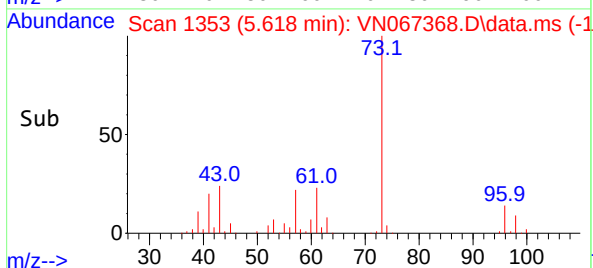
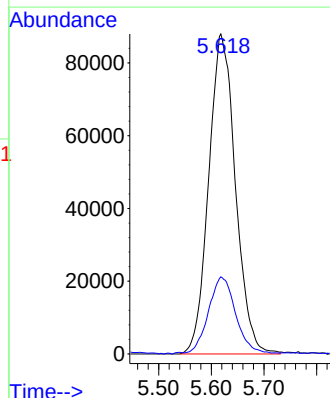
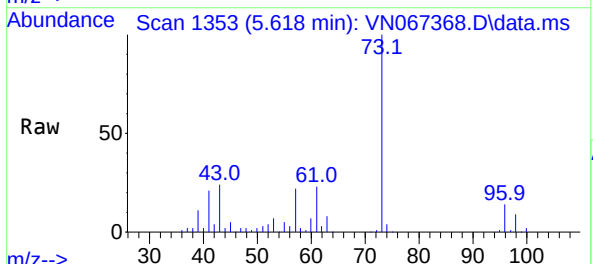
Manual Integrations
APPROVED

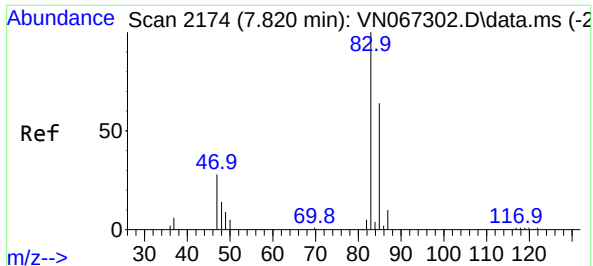
MMDadoda
6/17/2021 3:09:42 PM



#24
Methyl tert-Butyl Ether
Concen: 19.65 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 73 Resp: 309958
Ion Ratio Lower Upper
73 100
43 23.8 20.0 30.0





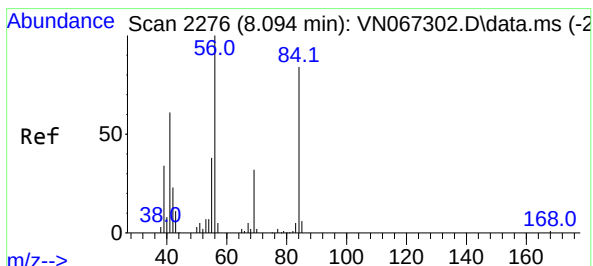
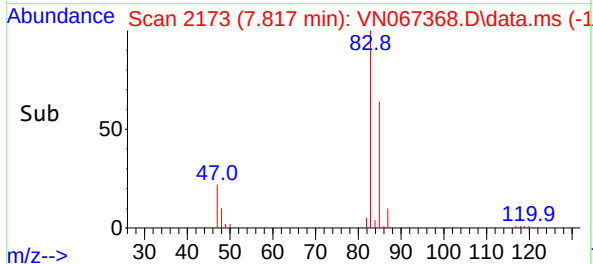
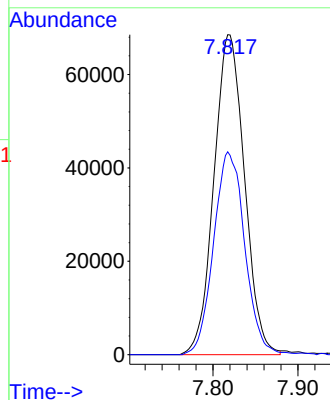
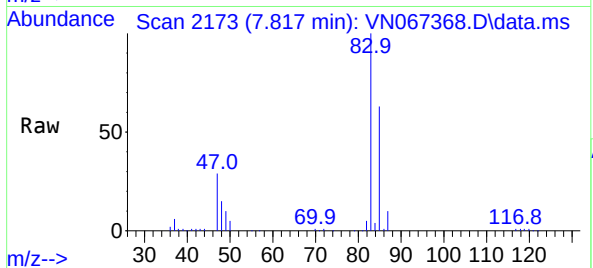
#25
Chloroform
Concen: 19.29 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 83 Resp: 171433
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

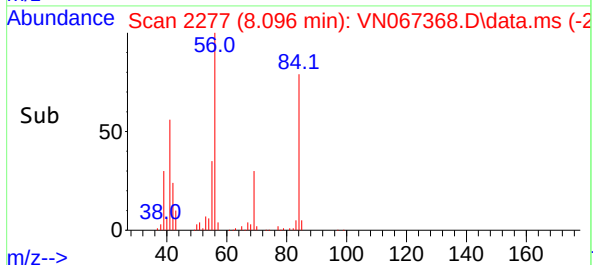
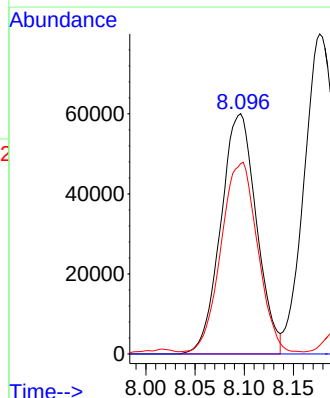
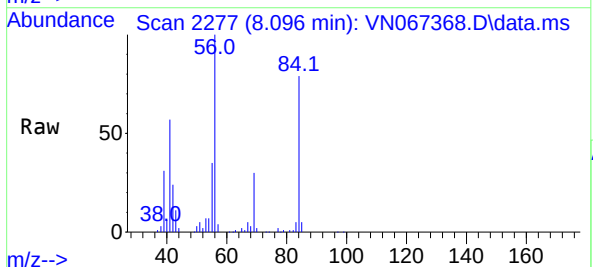
Manual Integrations
APPROVED

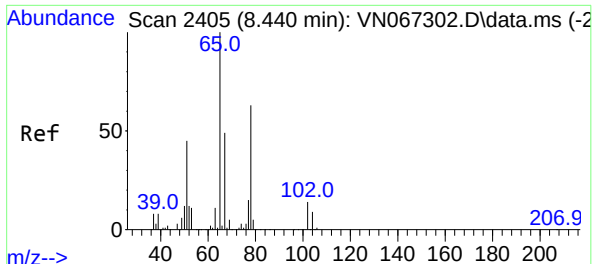
MMDadoda
6/17/2021 3:09:42 PM



#26
Cyclohexane
Concen: 20.18 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

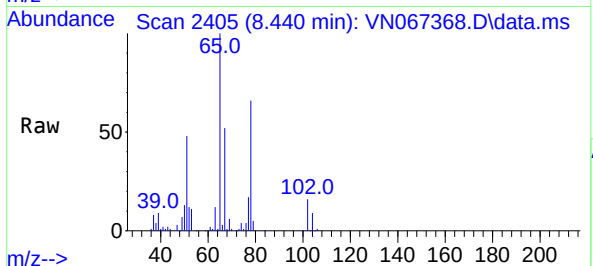
Tgt Ion: 56 Resp: 151779
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.6 66.2 99.2





#27
1,2-Dichloroethane-d4
Concen: 31.13 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

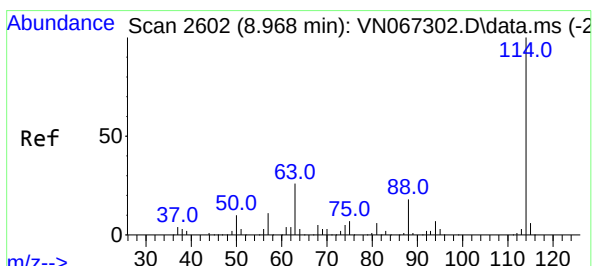
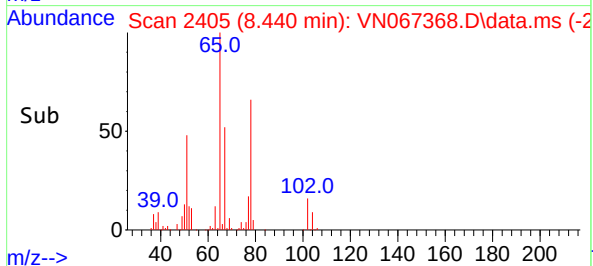
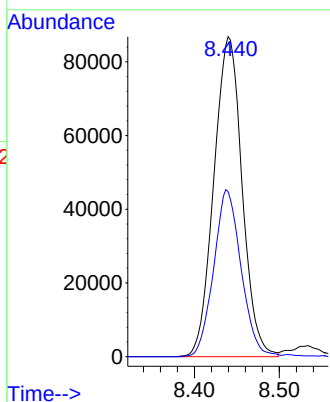
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



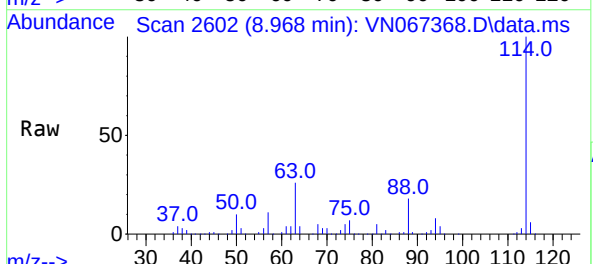
Tgt Ion: 65 Resp: 200485
Ion Ratio Lower Upper
65 100
67 50.5 39.8 59.8

Manual Integrations
APPROVED

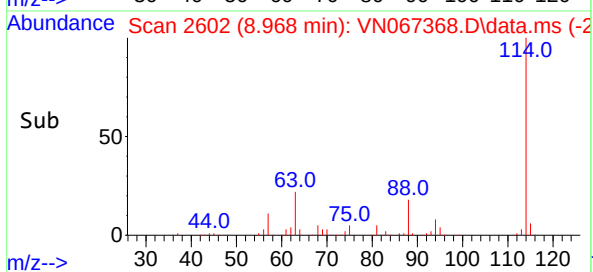
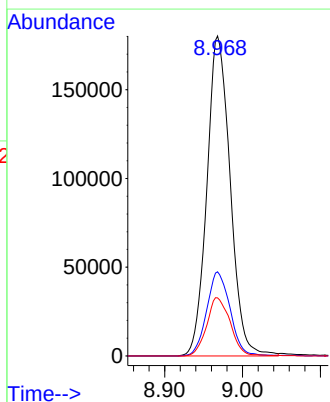
MMDadoda
6/17/2021 3:09:42 PM

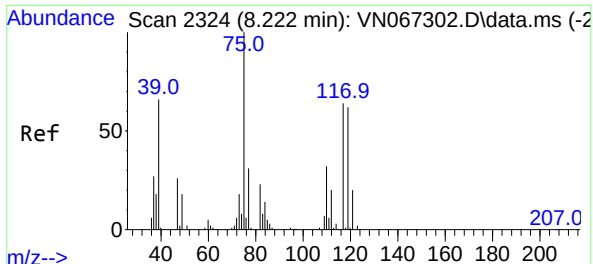


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



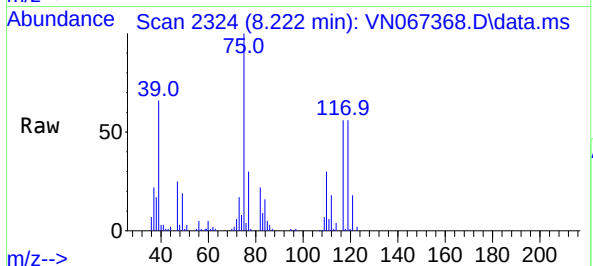
Tgt Ion: 114 Resp: 375418
Ion Ratio Lower Upper
114 100
63 26.5 20.3 30.5
88 18.2 14.6 22.0





#29
1,1-Dichloropropene
Concen: 18.82 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

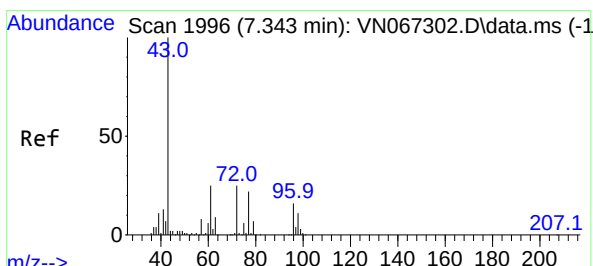
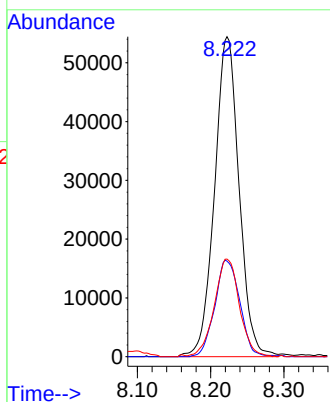
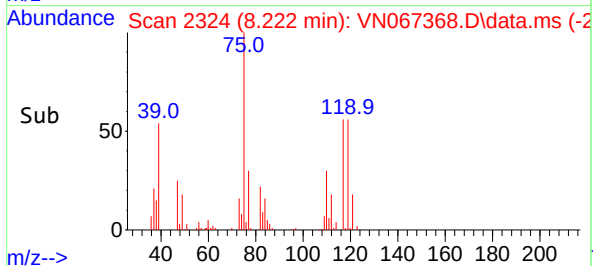
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



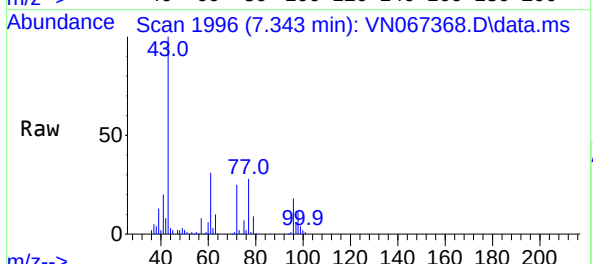
Tgt Ion: 75 Resp: 126460
Ion Ratio Lower Upper
75 100
110 30.6 0.0 63.4
77 31.3 0.0 63.0

Manual Integrations
APPROVED

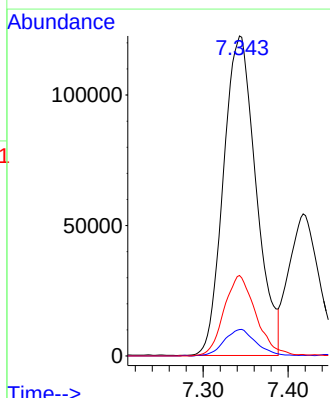
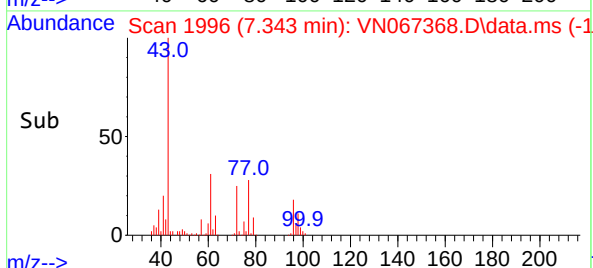
MMDadoda
6/17/2021 3:09:42 PM

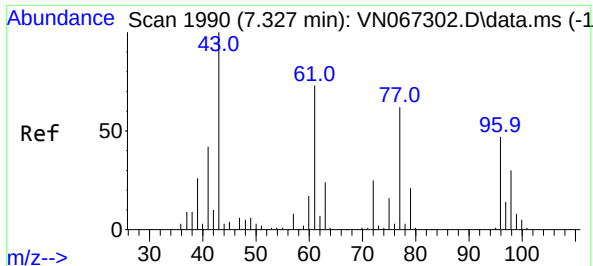


#30
2-Butanone
Concen: 94.55 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



Tgt Ion: 43 Resp: 326136
Ion Ratio Lower Upper
43 100
57 8.2 6.9 10.3
72 24.7 20.0 30.0





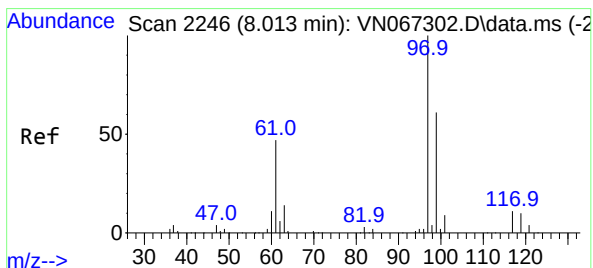
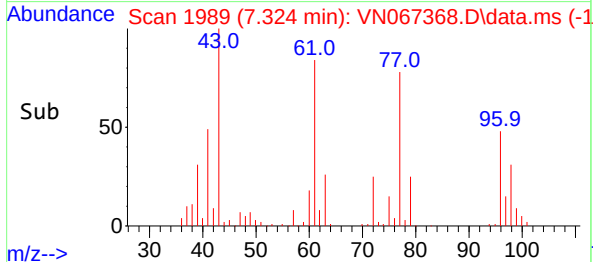
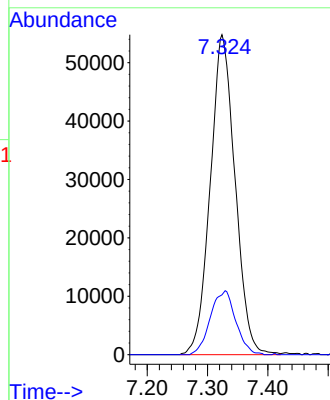
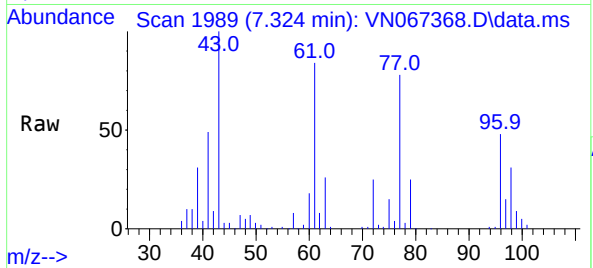
#31
2,2-Dichloropropane
Concen: 21.79 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 77 Resp: 156772
Ion Ratio Lower Upper
77 100
97 20.4 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

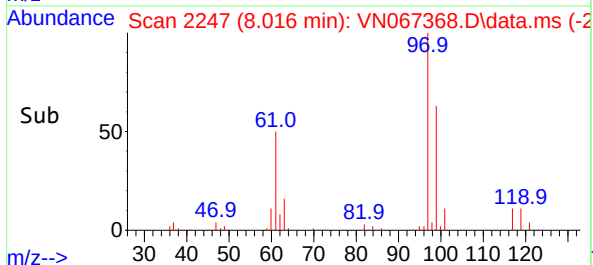
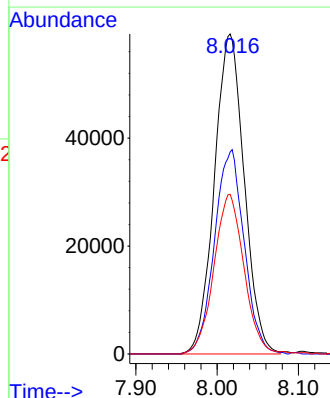
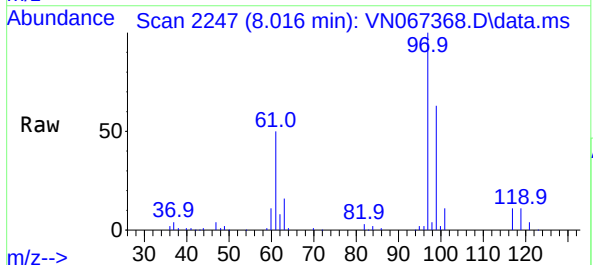
Manual Integrations
APPROVED

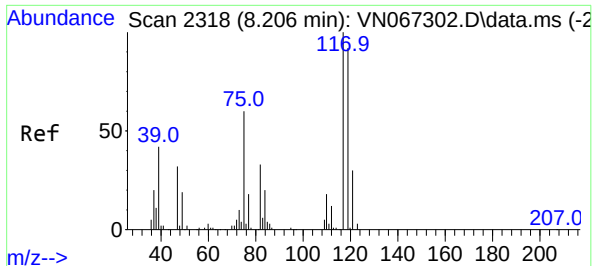
MMDadoda
6/17/2021 3:09:42 PM



#32
1,1,1-Trichloroethane
Concen: 17.72 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

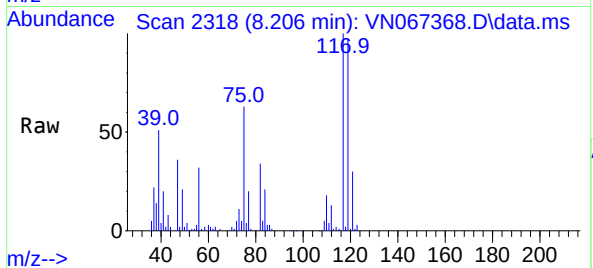
Tgt Ion: 97 Resp: 151283
Ion Ratio Lower Upper
97 100
99 63.5 49.7 74.5
61 50.1 38.0 57.0





#33
Carbon Tetrachloride
Concen: 17.10 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

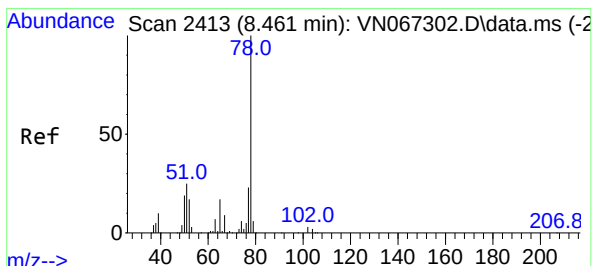
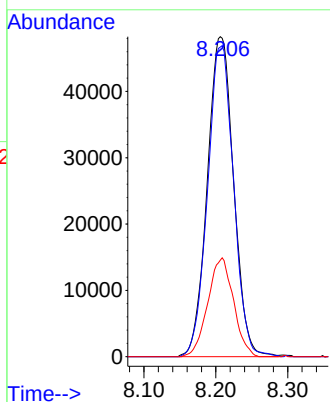
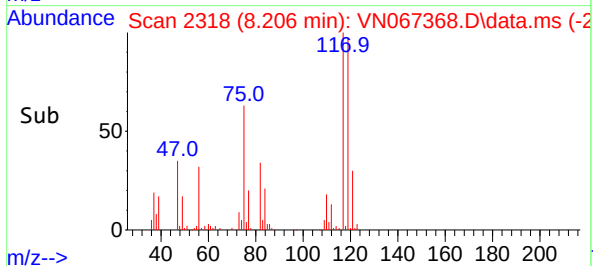
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



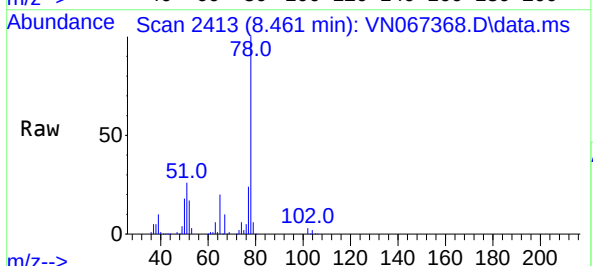
Tgt Ion:117 Resp: 122753
Ion Ratio Lower Upper
117 100
119 96.7 73.3 109.9
121 30.2 24.2 36.4

Manual Integrations
APPROVED

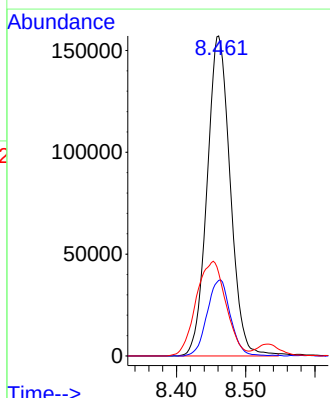
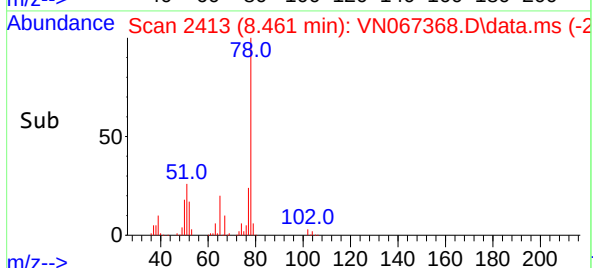
MMDadoda
6/17/2021 3:09:42 PM

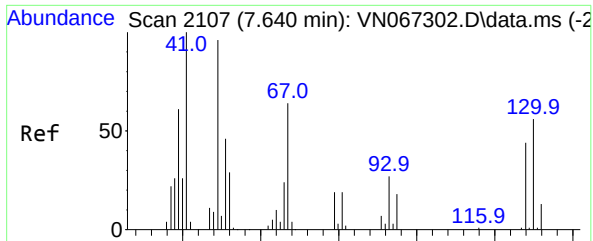


#34
Benzene
Concen: 19.34 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



Tgt Ion: 78 Resp: 365503
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0
51 24.9 20.0 30.0





#35
Methacrylonitrile
Concen: 19.48 ug/l
RT: 7.643 min Scan# 2108
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

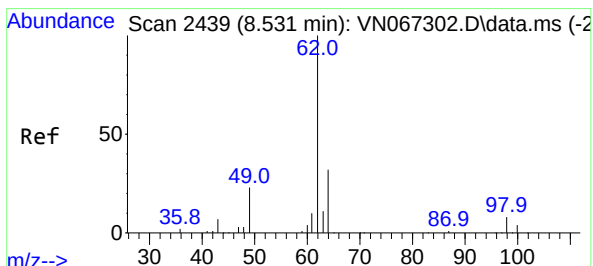
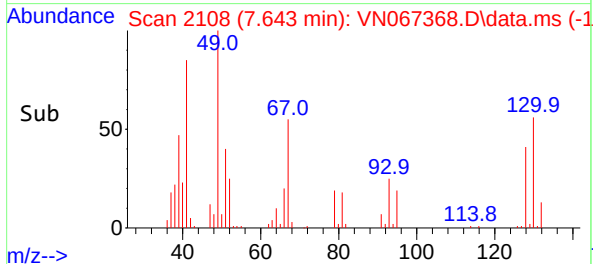
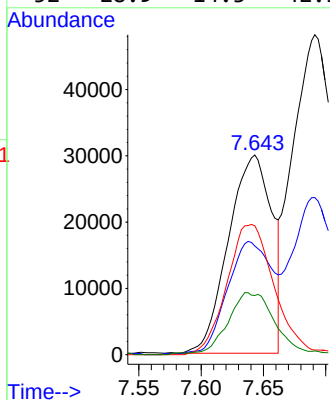
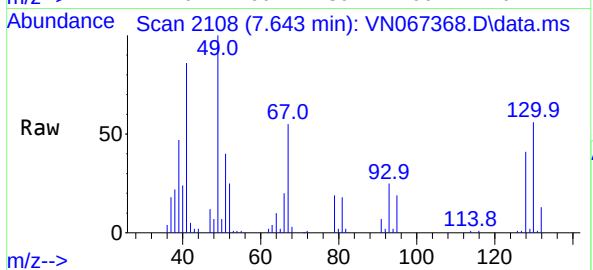
Tgt Ion: 41 Resp: 72427

Ion	Ratio	Lower	Upper
41	100		
39	54.2	30.3	90.9
67	65.0	32.1	96.3
52	28.9	14.3	42.9

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

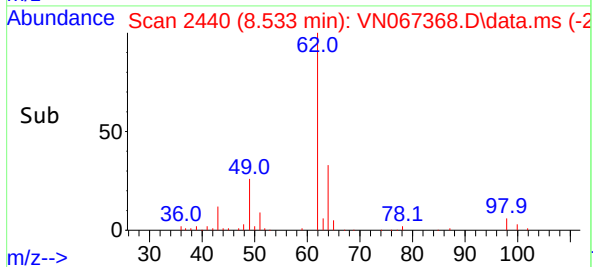
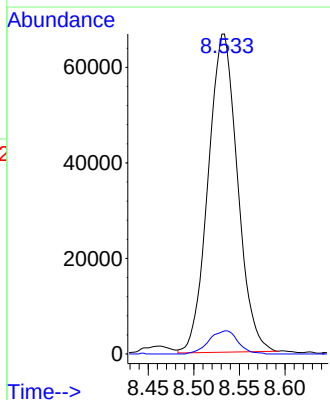
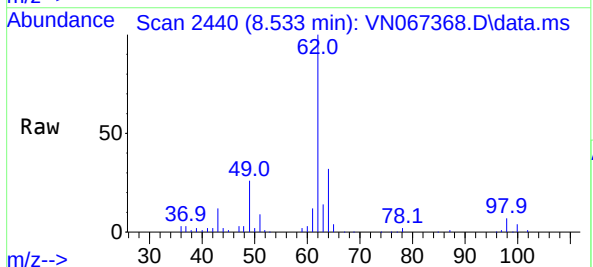
MMDadoda
6/17/2021 3:09:42 PM

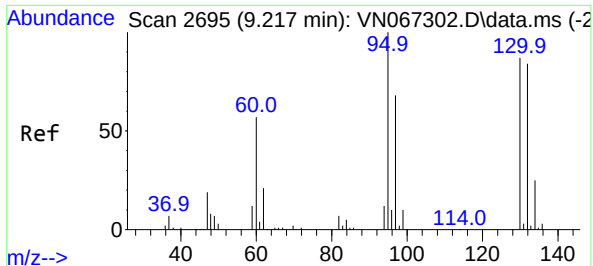


#36
1,2-Dichloroethane
Concen: 18.54 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 62 Resp: 149106

Ion	Ratio	Lower	Upper
62	100		
98	7.2	6.0	9.0





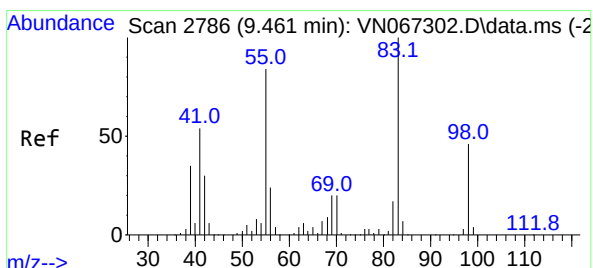
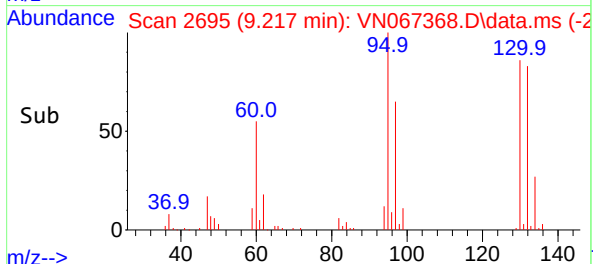
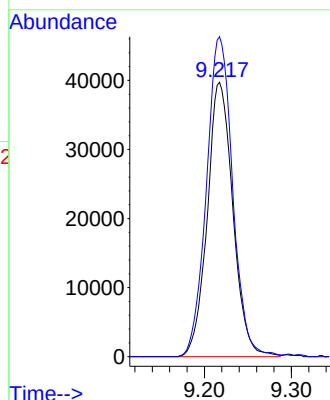
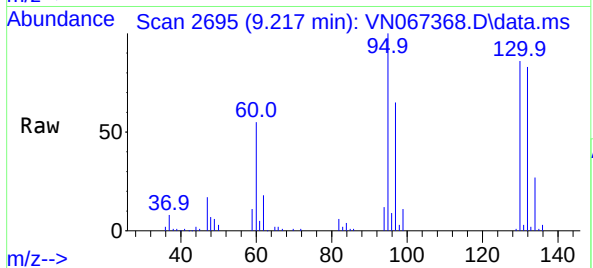
#37
Trichloroethene
Concen: 18.20 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:130 Resp: 81411
Ion Ratio Lower Upper
130 100
95 116.2 92.2 138.2

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

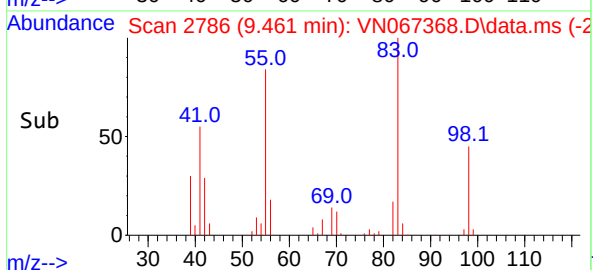
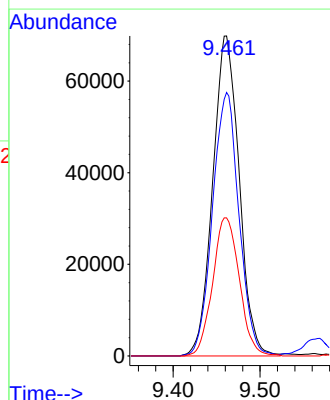
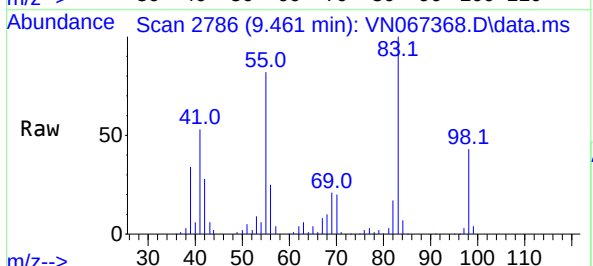
Manual Integrations
APPROVED

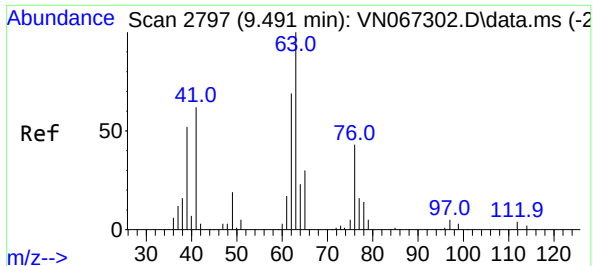
MMDadoda
6/17/2021 3:09:42 PM



#38
Methylcyclohexane
Concen: 21.30 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 83 Resp: 147435
Ion Ratio Lower Upper
83 100
55 82.6 41.5 124.6
98 43.6 22.4 67.0





#39

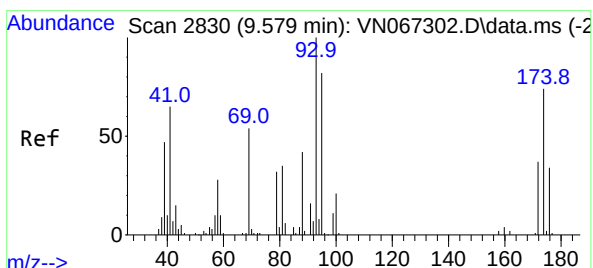
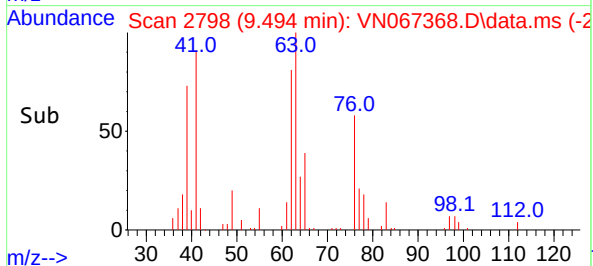
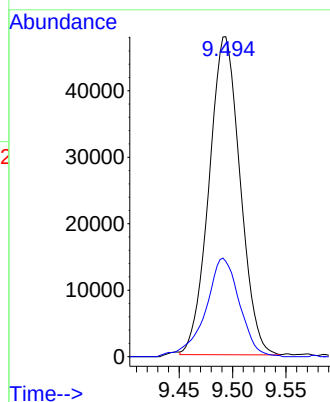
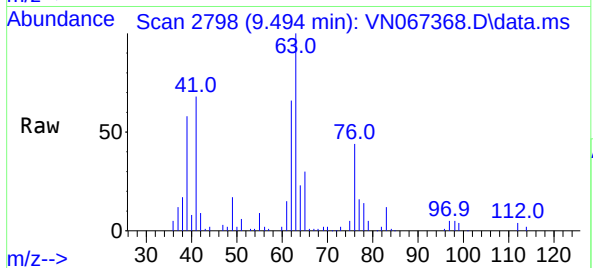
1,2-Dichloropropane
Concen: 18.99 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 63 Resp: 96891
Ion Ratio Lower Upper
63 100
65 29.7 24.5 36.7

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

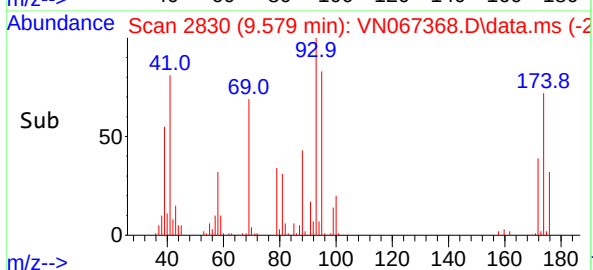
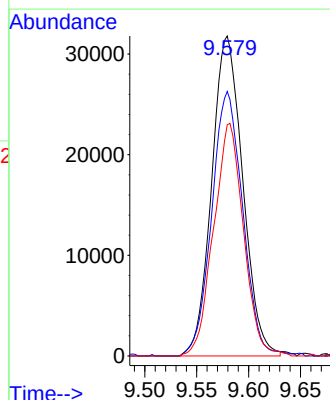
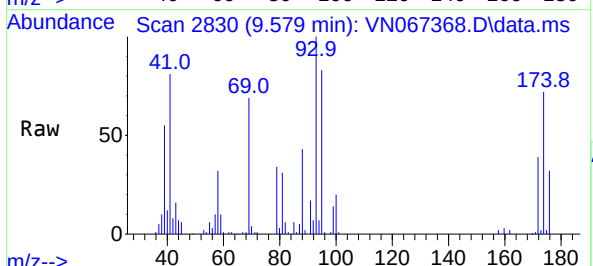
MMDadoda
6/17/2021 3:09:42 PM

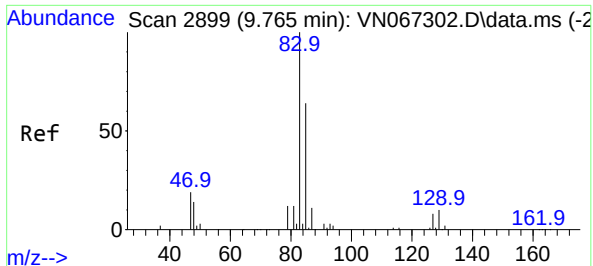


#40

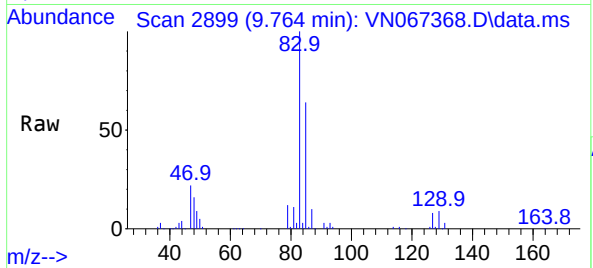
Dibromomethane
Concen: 18.86 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 93 Resp: 66081
Ion Ratio Lower Upper
93 100
95 82.6 0.0 167.6
174 70.1 0.0 148.4

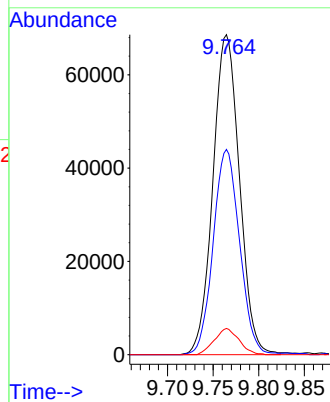
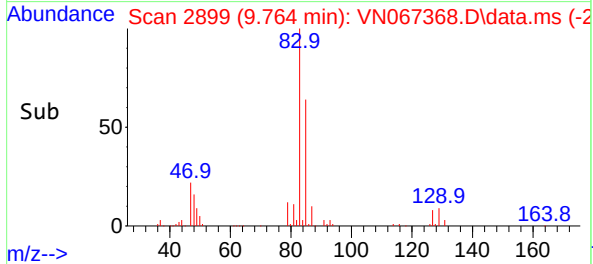




#41
Bromodichloromethane
Concen: 18.39 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



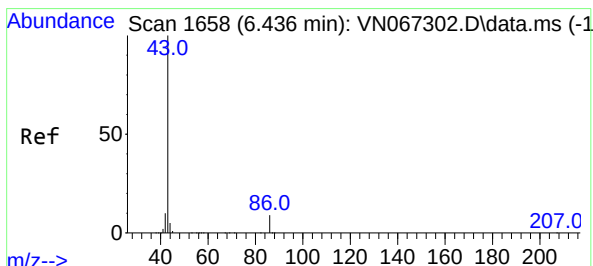
Tgt Ion: 83 Resp: 138966
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8
127 9.0 6.6 9.8



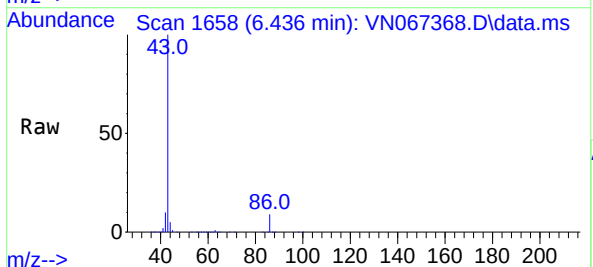
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

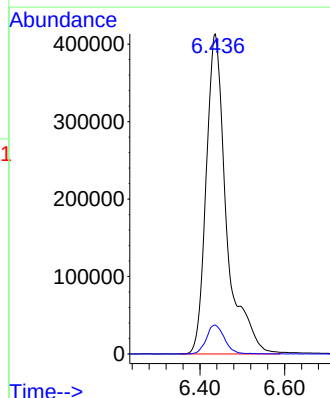
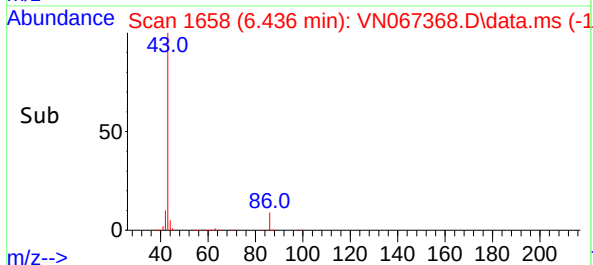
MMDadoda
6/17/2021 3:09:42 PM

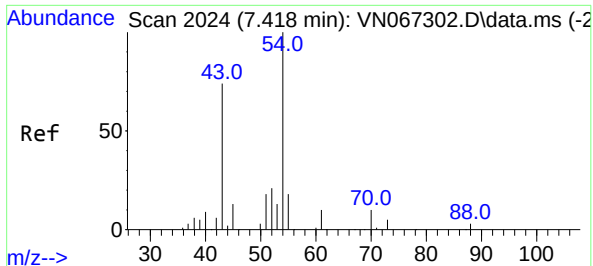


#42
Vinyl Acetate
Concen: 94.88 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



Tgt Ion: 43 Resp: 1377359
Ion Ratio Lower Upper
43 100
86 8.0 6.4 9.6





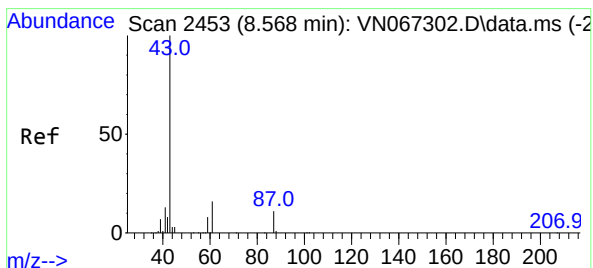
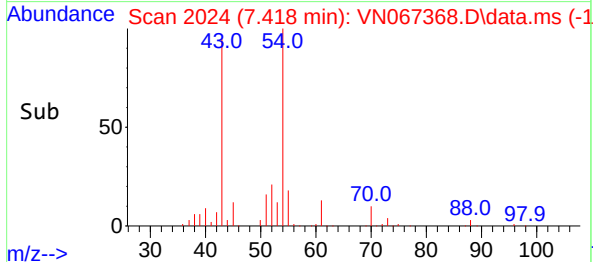
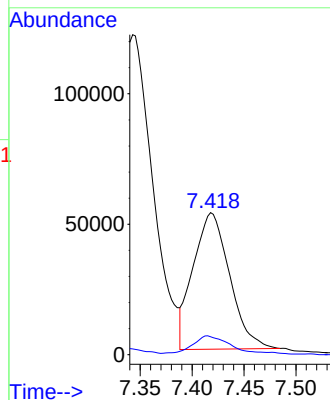
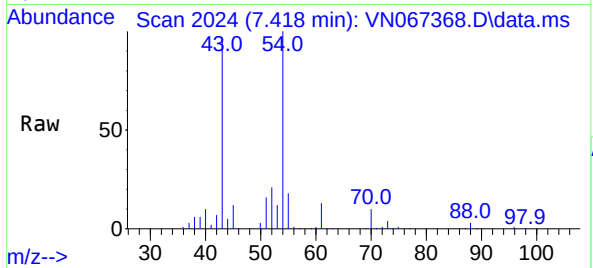
#43
Ethyl Acetate
Concen: 18.18 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 43 Resp: 127575
Ion Ratio Lower Upper
43 100
45 11.9 1.0 1.6#

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

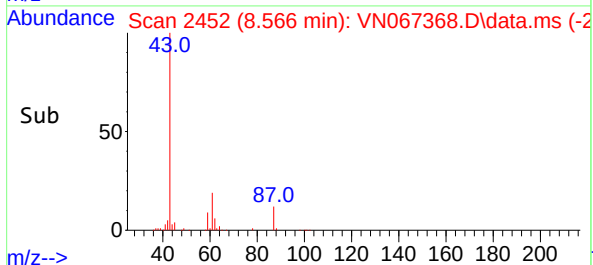
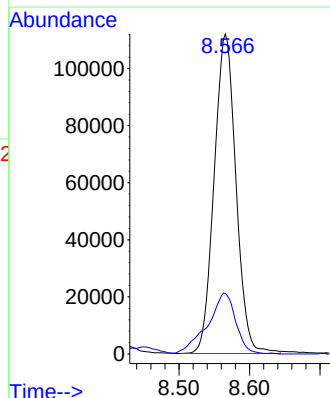
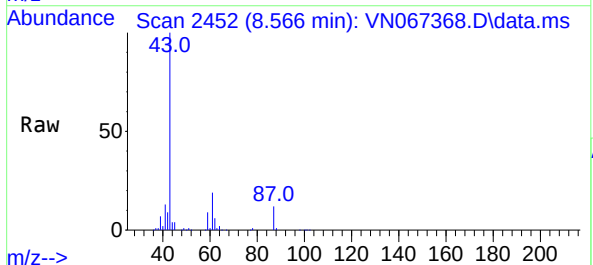
Manual Integrations
APPROVED

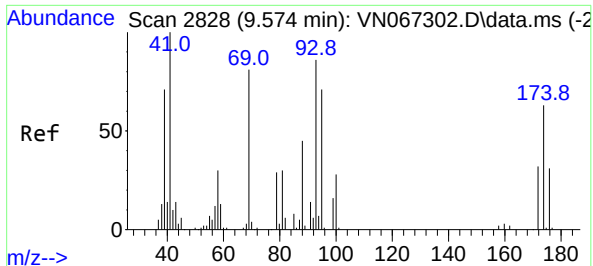
MMDadoda
6/17/2021 3:09:42 PM



#44
Isopropyl Acetate
Concen: 18.54 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 43 Resp: 240493
Ion Ratio Lower Upper
43 100
61 24.4 19.0 28.6





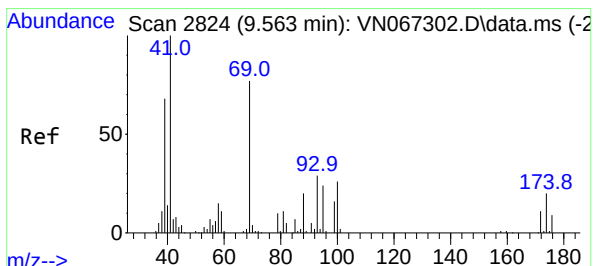
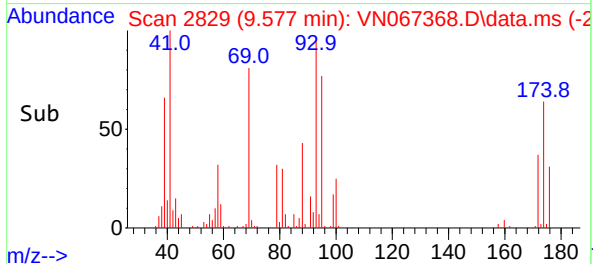
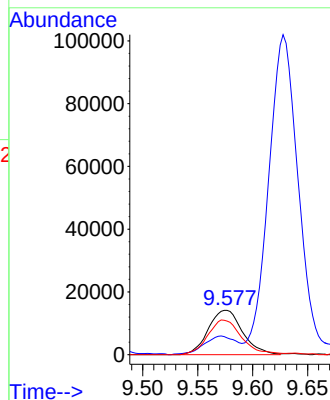
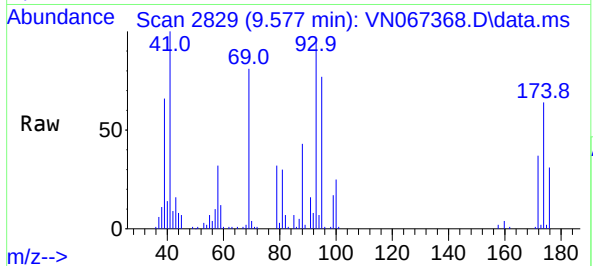
#45
1,4-Dioxane
Concen: 363.59 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 88 Resp: 30711
Ion Ratio Lower Upper
88 100
43 39.7 18.0 27.0#
58 77.3 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

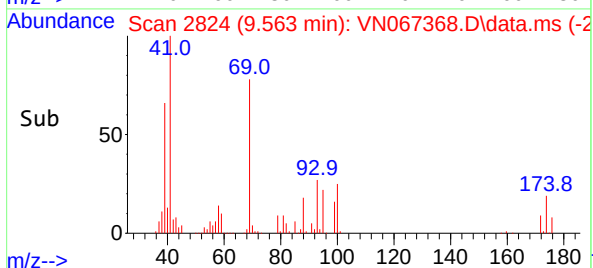
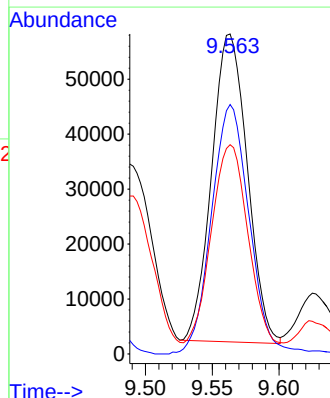
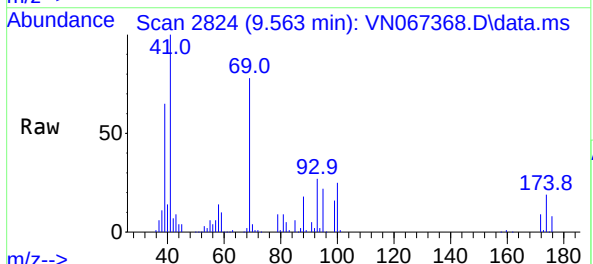
Manual Integrations
APPROVED

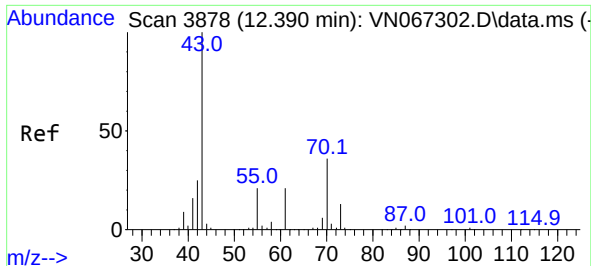
MMDadoda
6/17/2021 3:09:42 PM



#46
Methyl methacrylate
Concen: 18.06 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 41 Resp: 104084
Ion Ratio Lower Upper
41 100
69 80.6 38.0 114.1
39 64.6 33.9 101.7





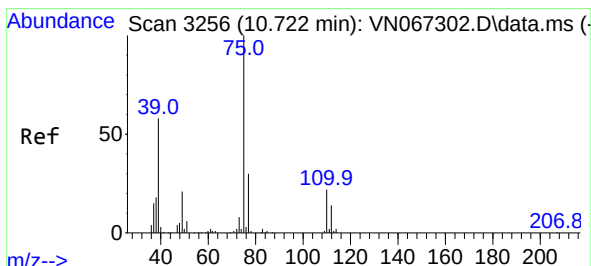
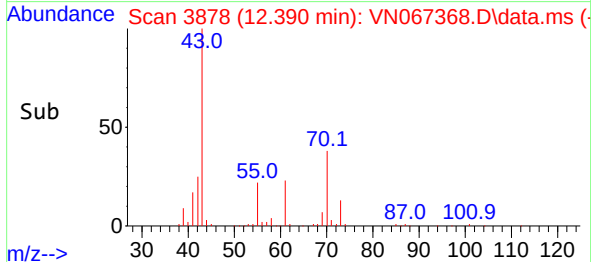
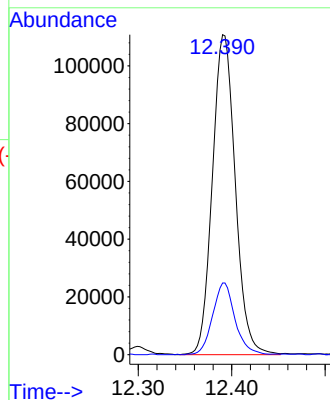
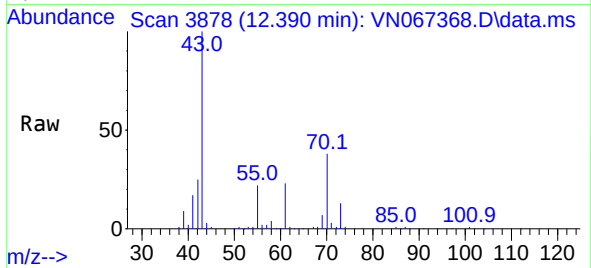
#47
n-amyl Acetate
Concen: 17.20 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 43 Resp: 189253
Ion Ratio Lower Upper
43 100
55 21.9 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

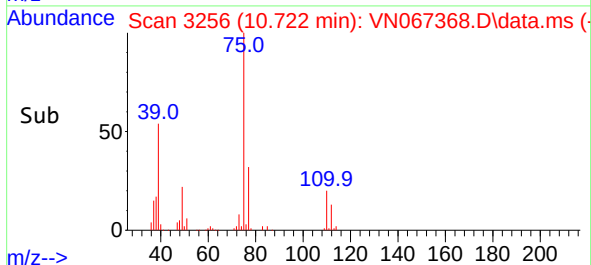
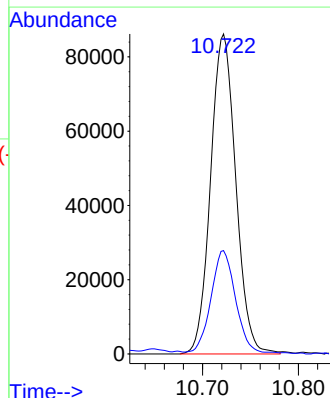
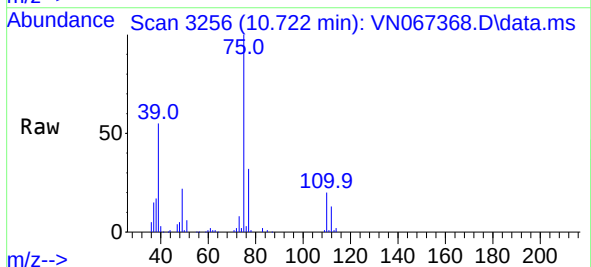
Manual Integrations
APPROVED

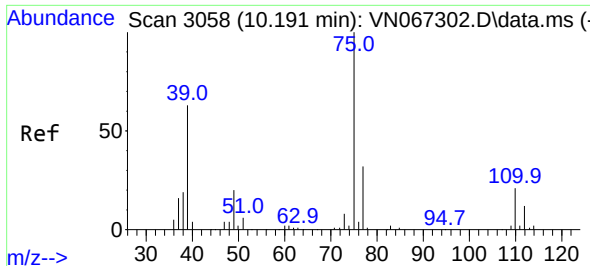
MMDadoda
6/17/2021 3:09:42 PM



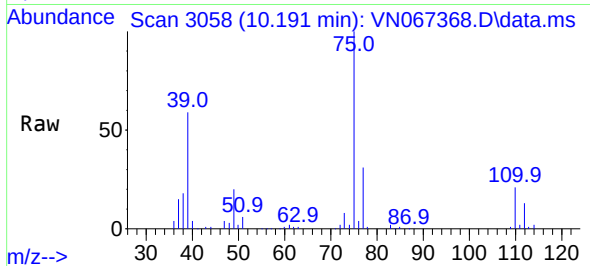
#48
t-1,3-Dichloropropene
Concen: 18.86 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 75 Resp: 157351
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0

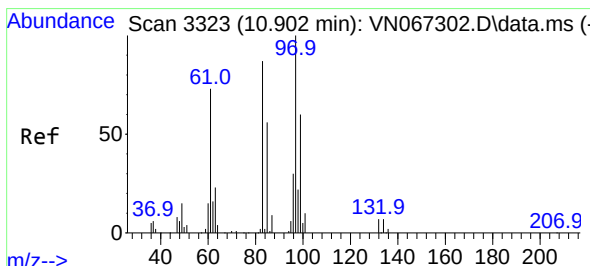
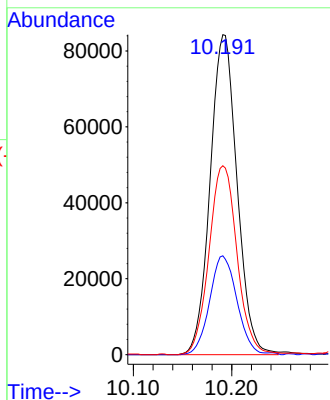
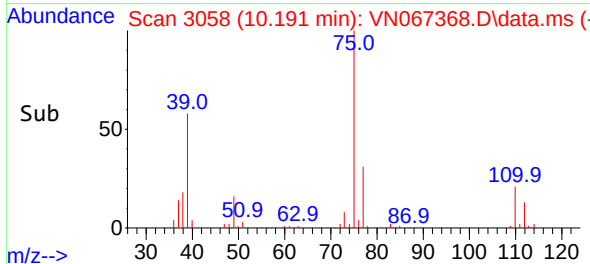




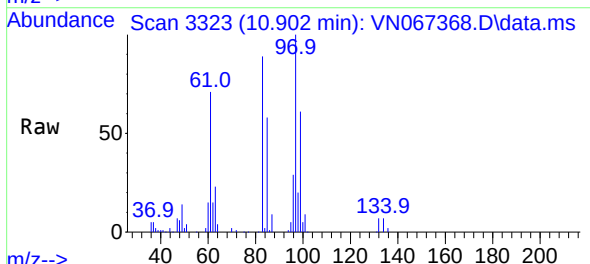
#49
cis-1,3-Dichloropropene
Concen: 19.15 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



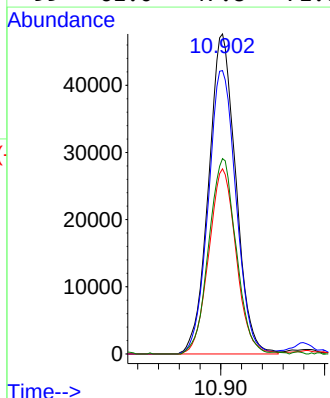
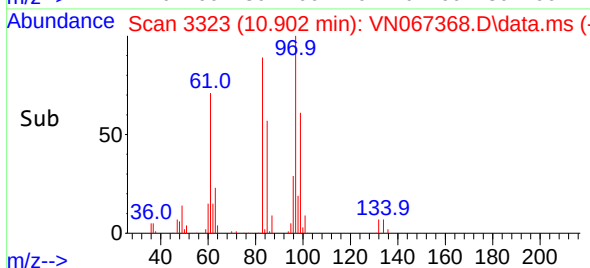
Tgt Ion: 75 Resp: 160496
Ion Ratio Lower Upper
75 100
77 30.9 26.0 39.0
39 59.0 50.6 76.0



#50
1,1,2-Trichloroethane
Concen: 19.06 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



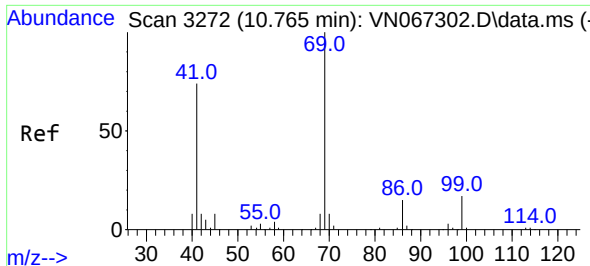
Tgt Ion: 97 Resp: 86759
Ion Ratio Lower Upper
97 100
83 88.5 69.6 104.4
85 57.9 45.2 67.8
99 61.0 47.8 71.6



Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

MMDadoda
6/17/2021 3:09:42 PM



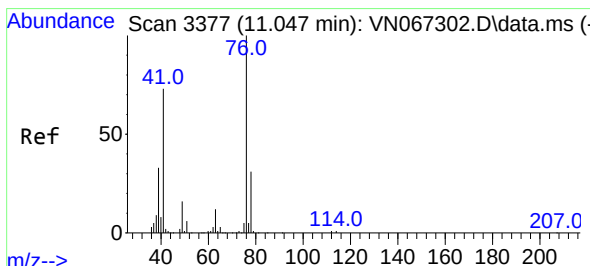
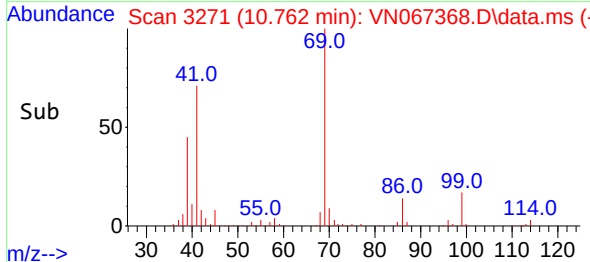
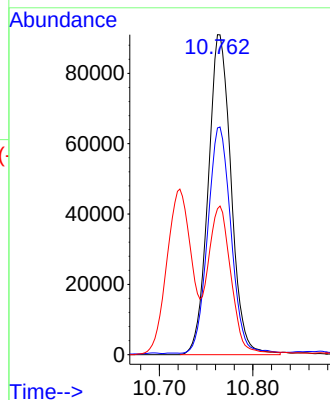
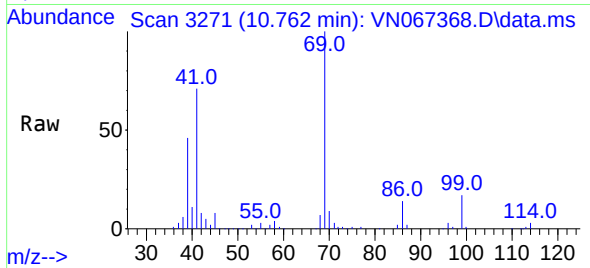
#51
Ethyl methacrylate
Concen: 18.64 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 69 Resp: 154975
Ion Ratio Lower Upper
69 100
41 70.4 36.8 110.4
39 44.9 23.8 71.2

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

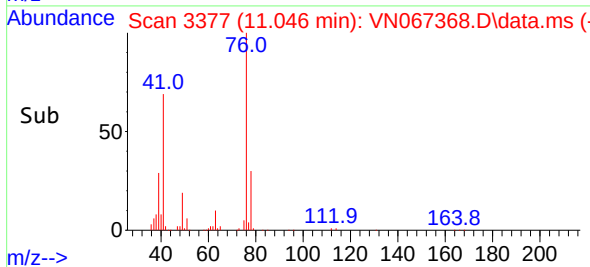
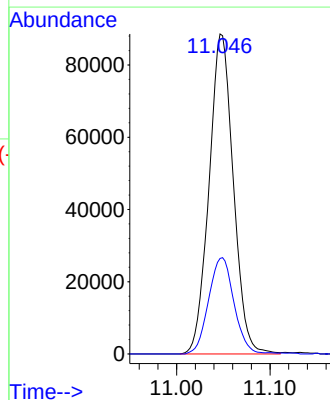
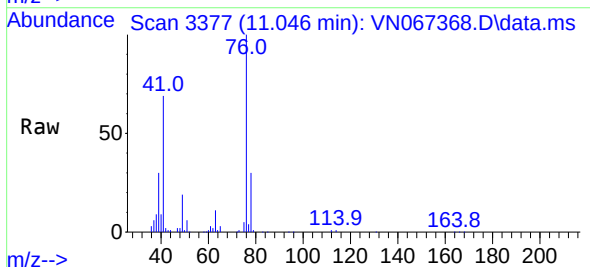
Manual Integrations
APPROVED

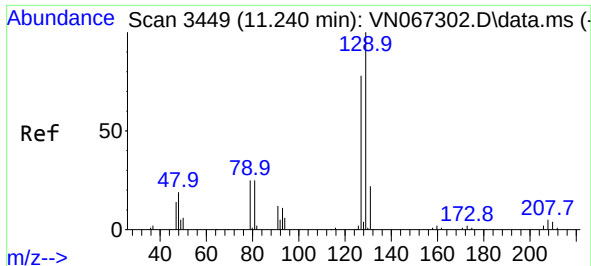
MMDadoda
6/17/2021 3:09:42 PM



#52
1,3-Dichloropropane
Concen: 19.30 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 76 Resp: 160058
Ion Ratio Lower Upper
76 100
78 31.4 0.0 64.0





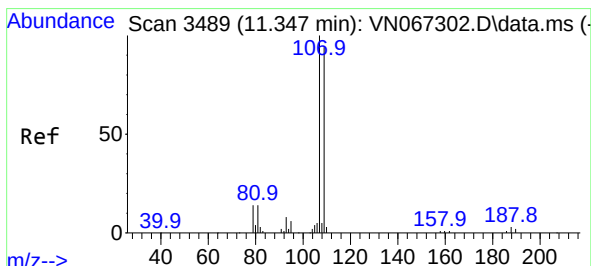
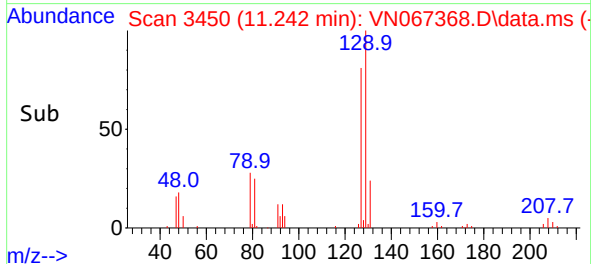
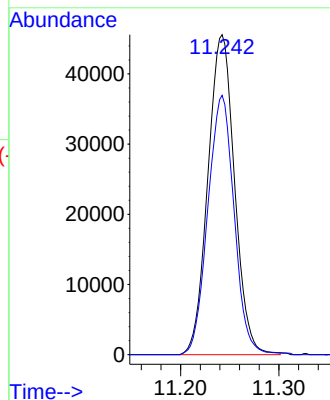
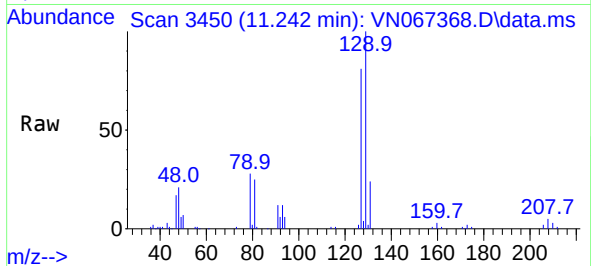
#53
Dibromochloromethane
Concen: 16.99 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:129 Resp: 86028
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.4

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

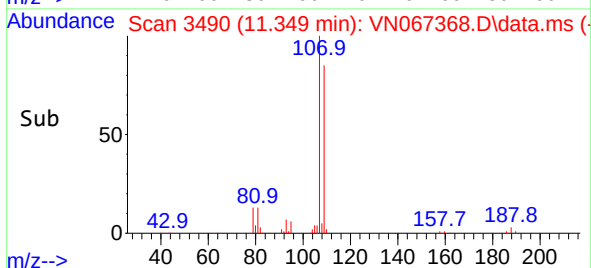
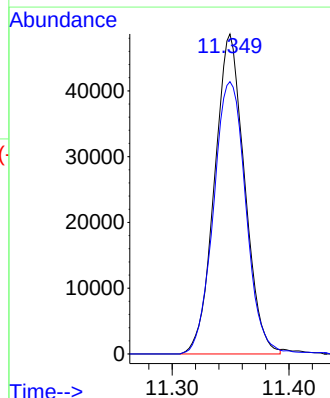
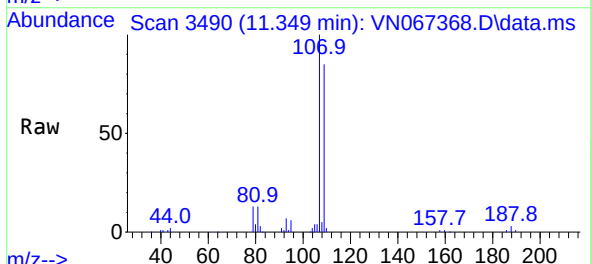
Manual Integrations
APPROVED

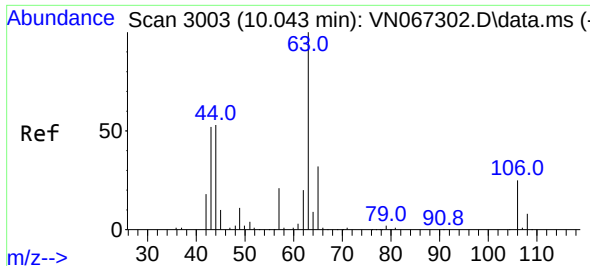
MMDadoda
6/17/2021 3:09:42 PM



#54
1,2-Dibromoethane
Concen: 18.28 ug/l
RT: 11.349 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:107 Resp: 86791
Ion Ratio Lower Upper
107 100
109 91.3 75.0 112.6





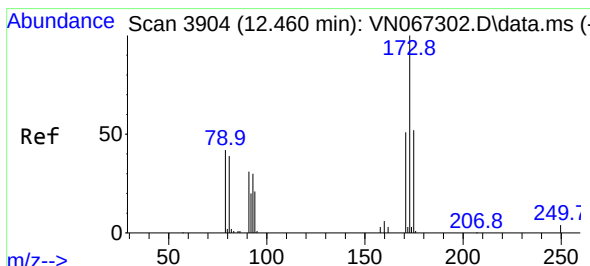
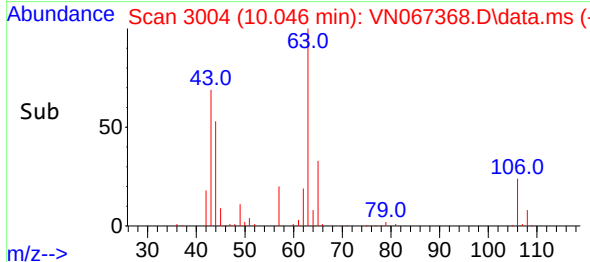
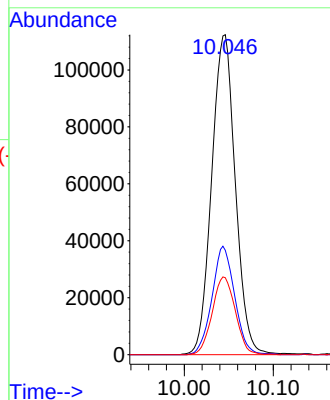
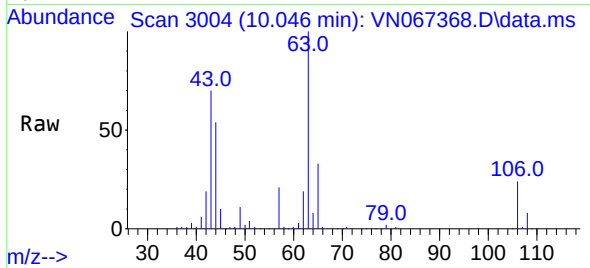
#55
2-Chloroethyl vinyl ether
Concen: 98.38 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 63 Resp: 207353
Ion Ratio Lower Upper
63 100
65 32.4 25.6 38.4
106 23.7 20.0 30.0

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

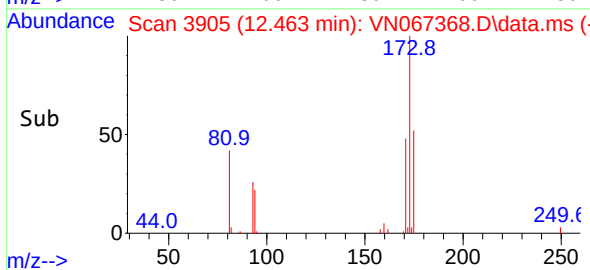
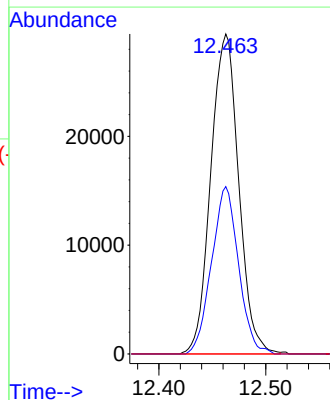
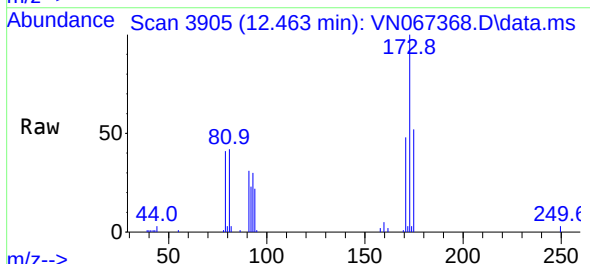
Manual Integrations
APPROVED

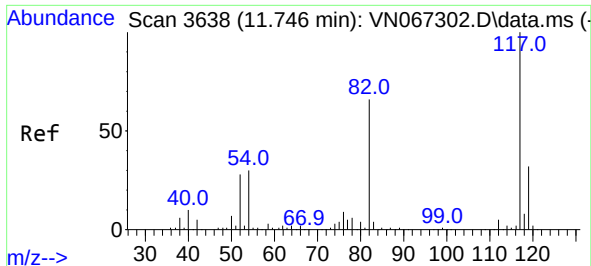
MMDadoda
6/17/2021 3:09:42 PM



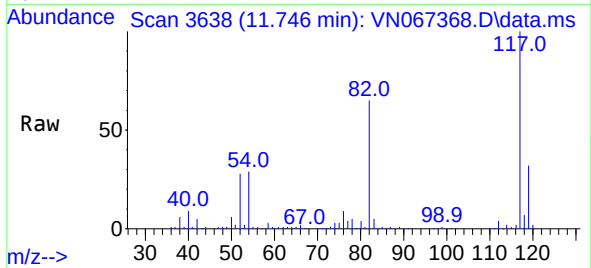
#56
Bromoform
Concen: 15.55 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:173 Resp: 53413
Ion Ratio Lower Upper
173 100
175 50.1 39.4 59.2
254 0.0 0.0 0.0

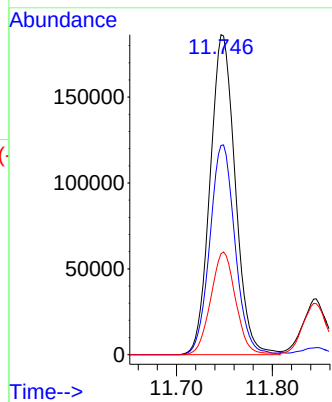
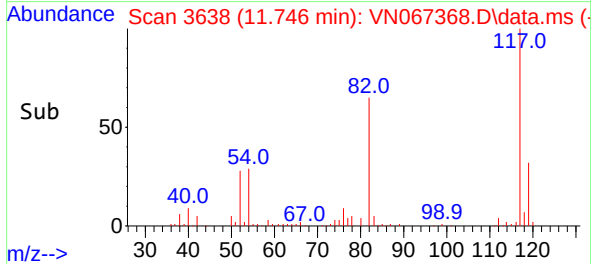




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



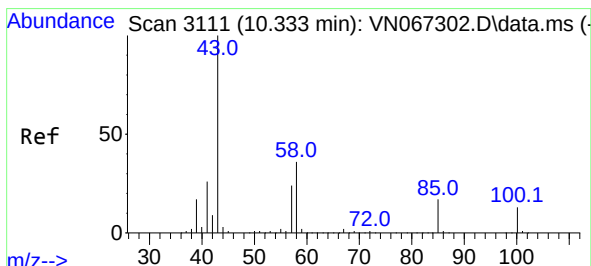
Tgt Ion:117 Resp: 339777
Ion Ratio Lower Upper
117 100
82 65.8 52.5 78.7
119 31.8 25.8 38.8



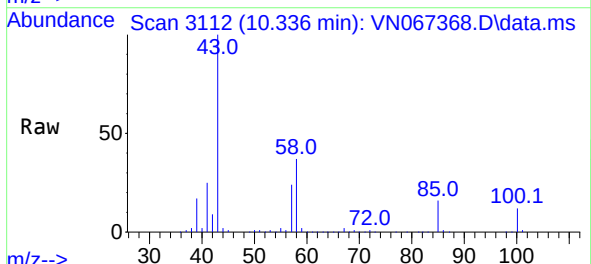
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

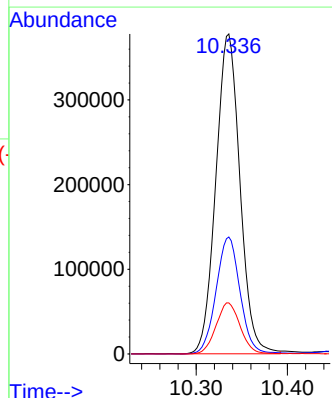
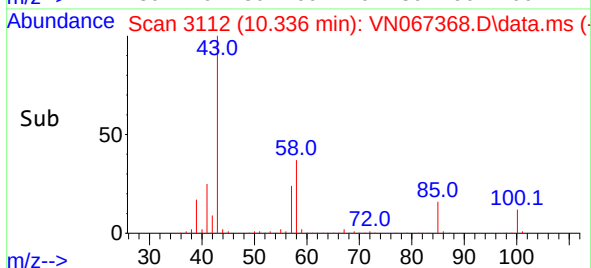
MMDadoda
6/17/2021 3:09:42 PM

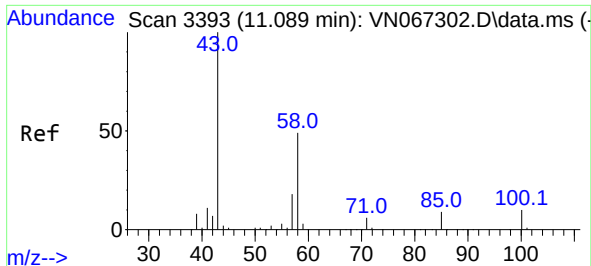


#58
4-Methyl-2-Pentanone
Concen: 92.86 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

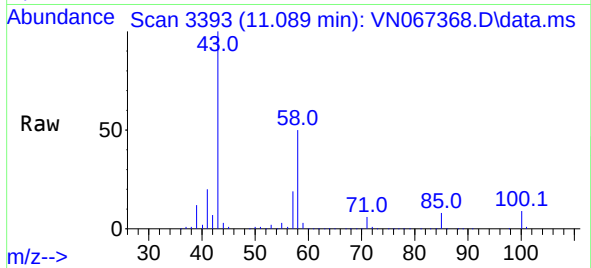


Tgt Ion: 43 Resp: 693532
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.4
85 16.1 13.2 19.8

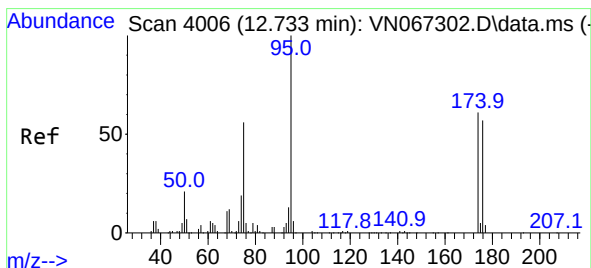
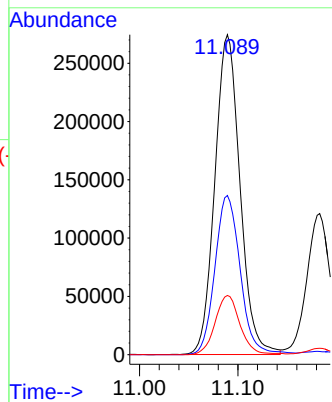
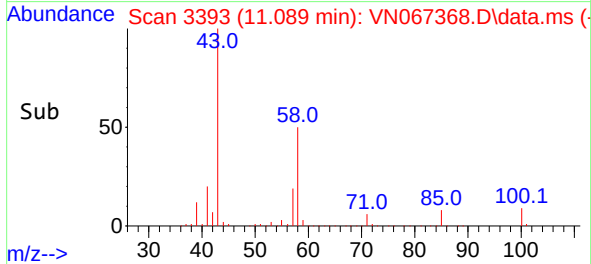




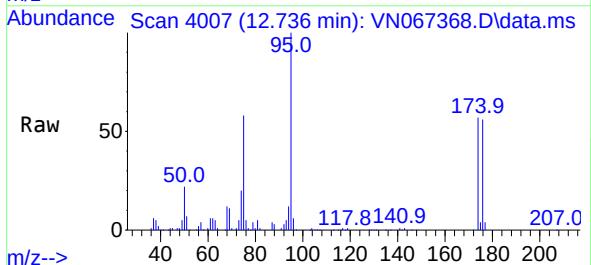
#59
2-Hexanone
Concen: 90.37 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



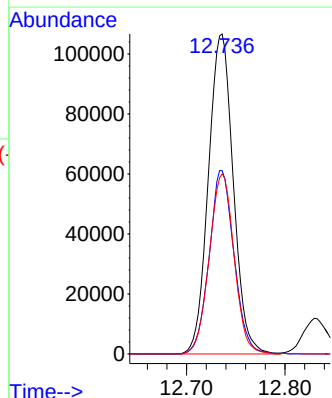
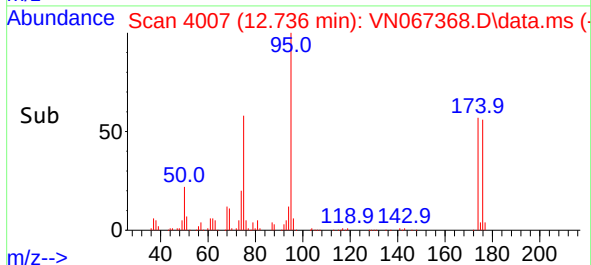
Tgt Ion: 43 Resp: 488123
Ion Ratio Lower Upper
43 100
58 50.3 39.4 59.0
57 18.3 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.59 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



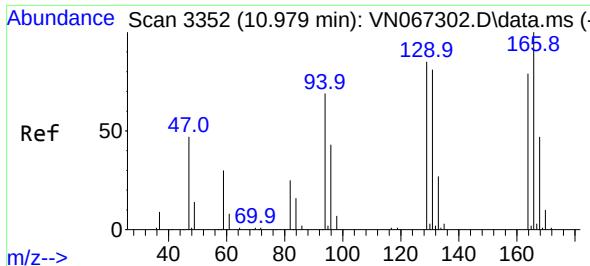
Tgt Ion: 95 Resp: 187510
Ion Ratio Lower Upper
95 100
174 57.2 47.7 71.5
176 55.9 45.7 68.5



Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

MMDadoda
6/17/2021 3:09:42 PM



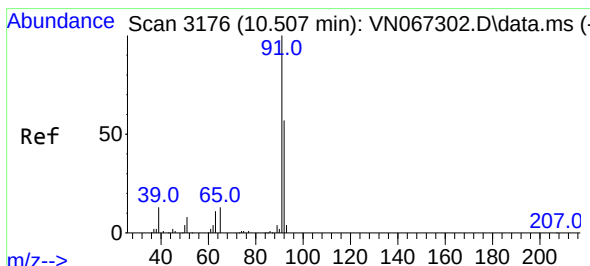
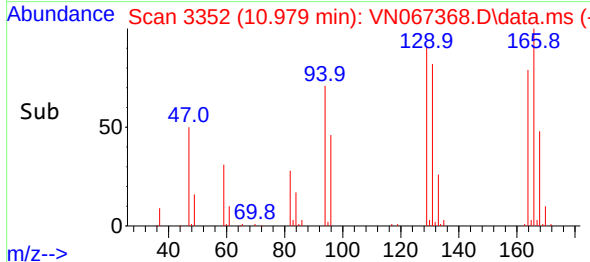
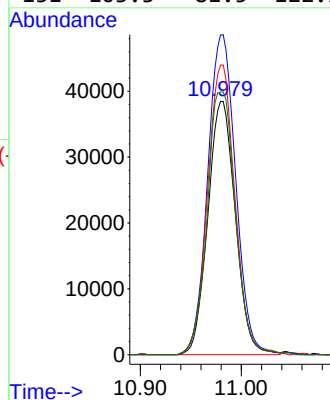
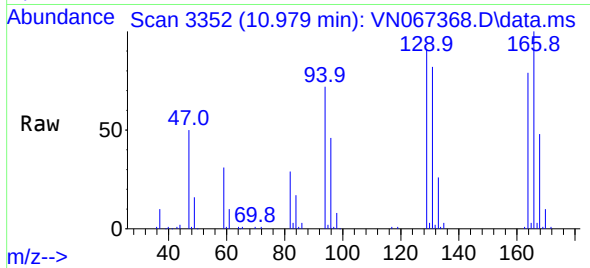
#61
Tetrachloroethene
Concen: 18.49 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:164 Resp: 72816
Ion Ratio Lower Upper
164 100
166 125.8 101.0 151.4
129 114.0 85.5 128.3
131 103.3 81.5 122.3

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

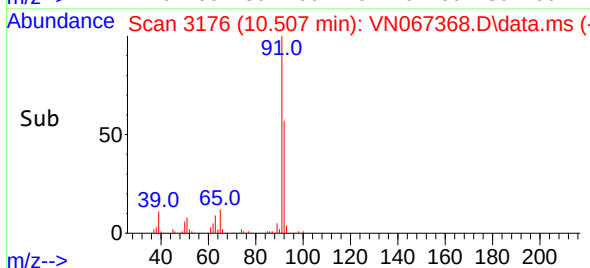
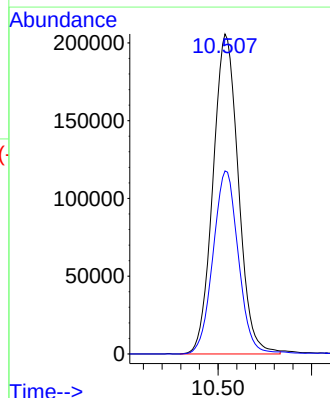
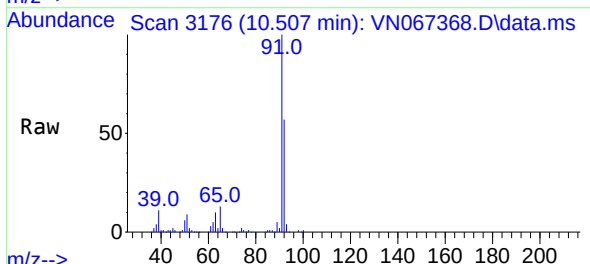
Manual Integrations
APPROVED

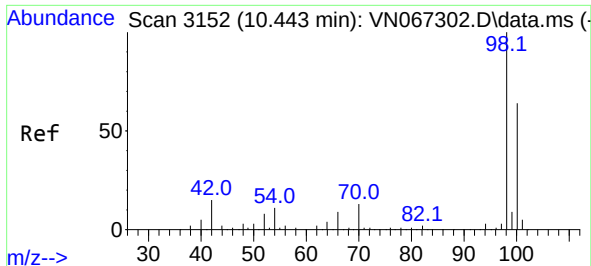
MMDadoda
6/17/2021 3:09:42 PM



#62
Toluene
Concen: 19.08 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 91 Resp: 387994
Ion Ratio Lower Upper
91 100
92 56.8 46.1 69.1





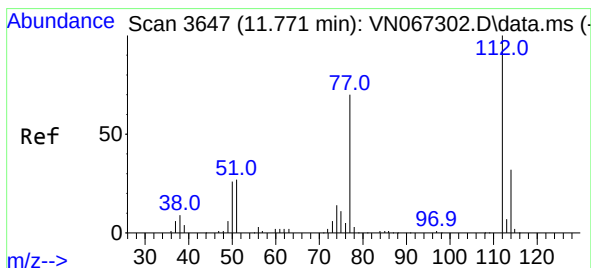
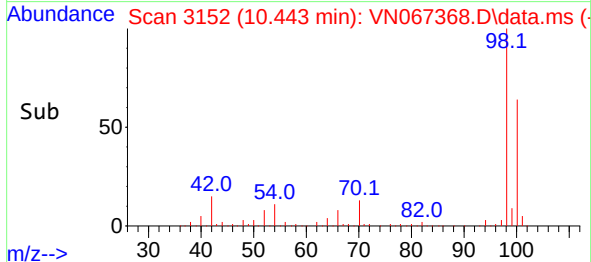
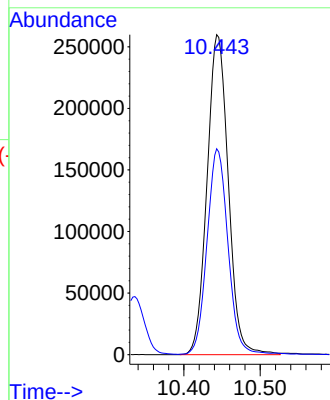
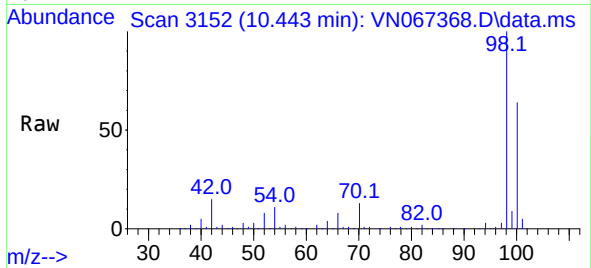
#63
Toluene-d8
Concen: 31.04 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 98 Resp: 503049
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

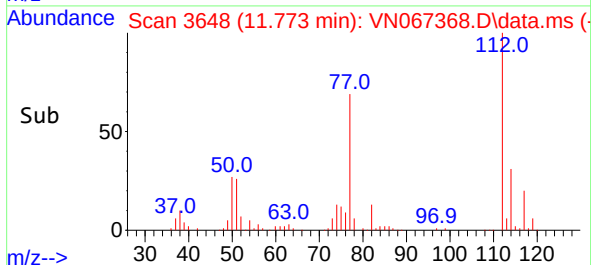
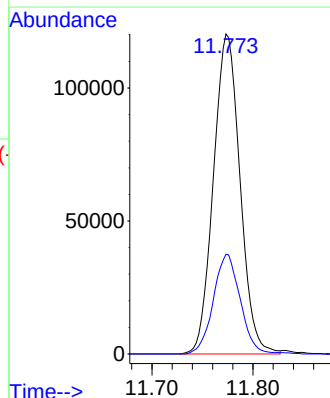
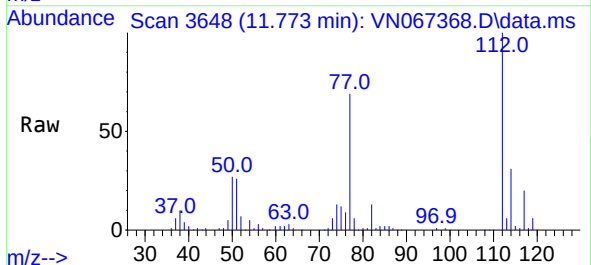
Manual Integrations
APPROVED

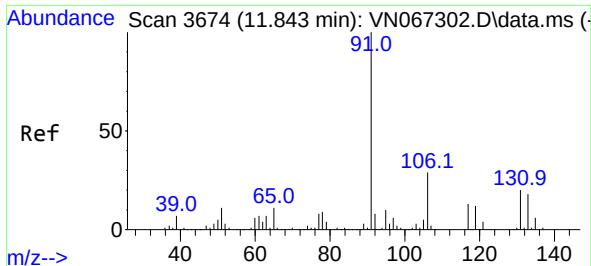
MMDadoda
6/17/2021 3:09:42 PM



#64
Chlorobenzene
Concen: 18.41 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion: 112 Resp: 219877
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0





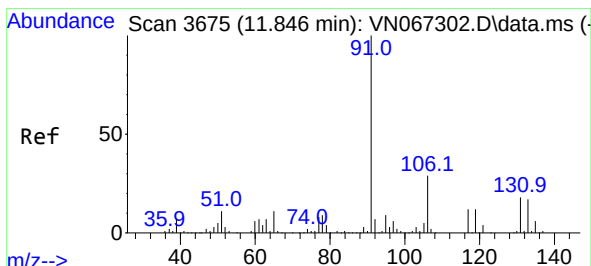
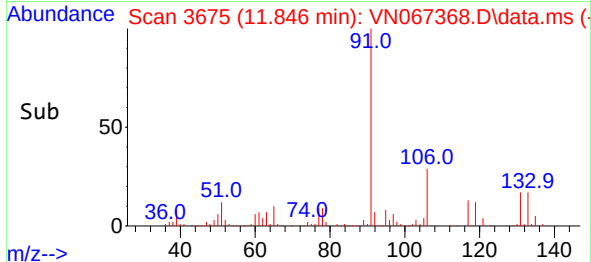
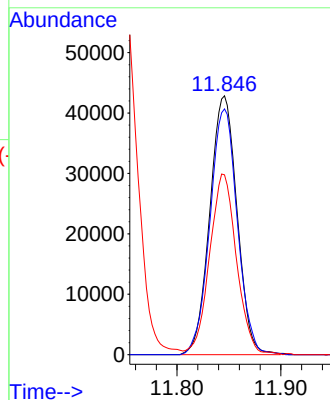
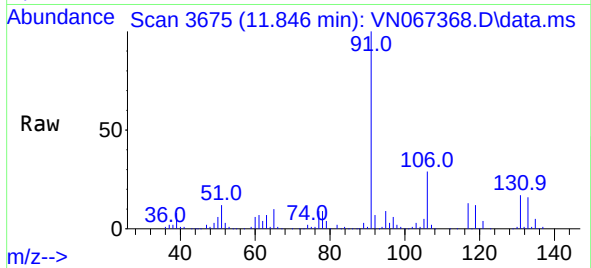
#65
1,1,1,2-Tetrachloroethane
Concen: 17.31 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:131 Resp: 78138
Ion Ratio Lower Upper
131 100
133 95.7 0.0 189.6
119 66.7 0.0 130.0

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

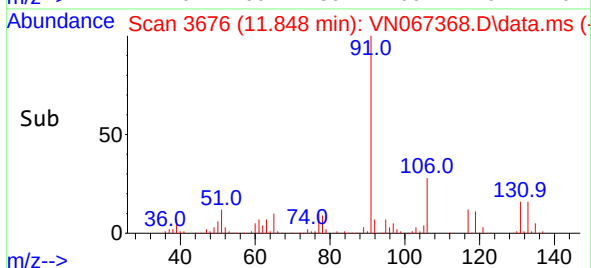
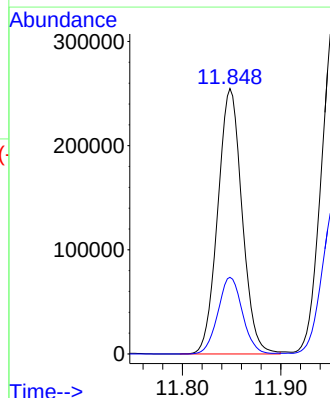
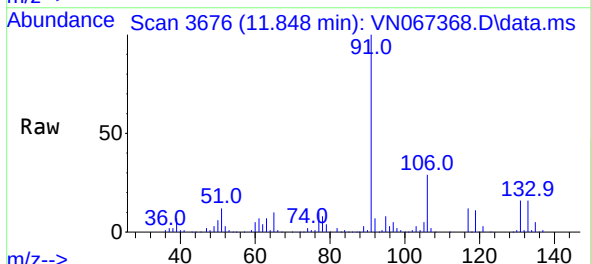
Manual Integrations
APPROVED

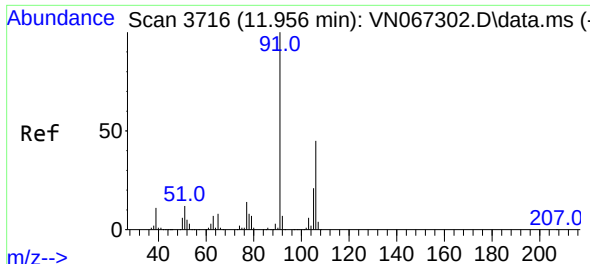
MMDadoda
6/17/2021 3:09:42 PM



#66
Ethyl Benzene
Concen: 18.54 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

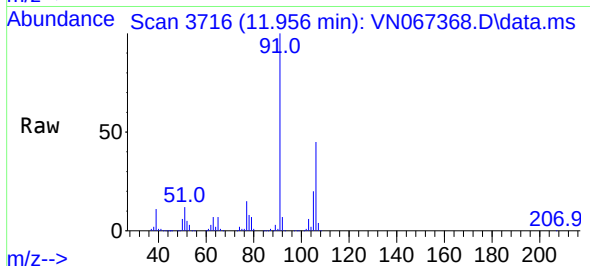
Tgt Ion: 91 Resp: 437889
Ion Ratio Lower Upper
91 100
106 28.9 23.4 35.0





#67
m/p-Xylenes
Concen: 36.78 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

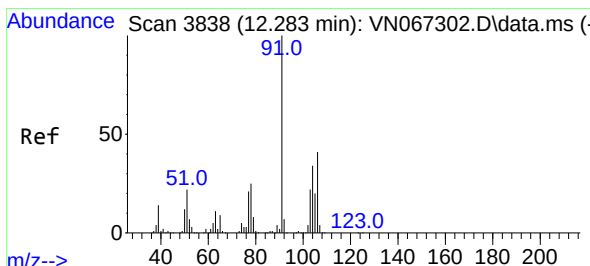
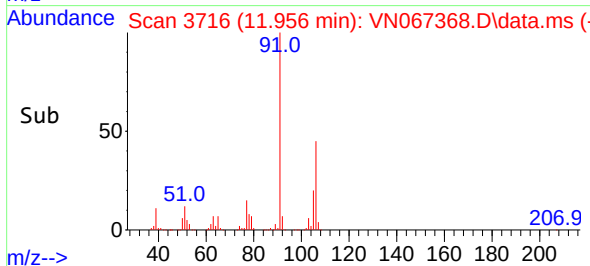
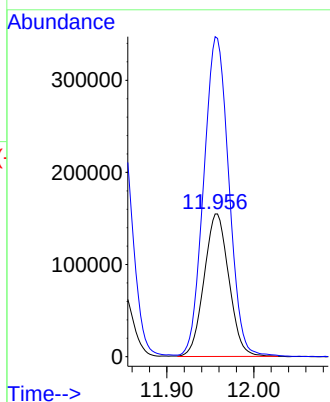
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion:106 Resp: 306395
Ion Ratio Lower Upper
106 100
91 227.7 181.3 271.9

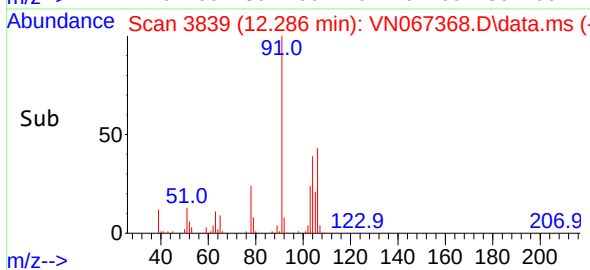
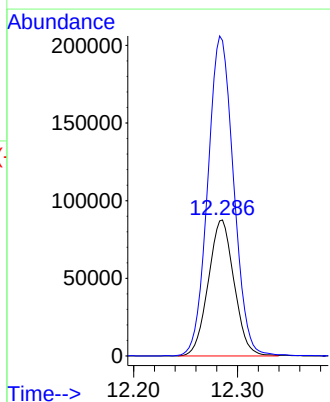
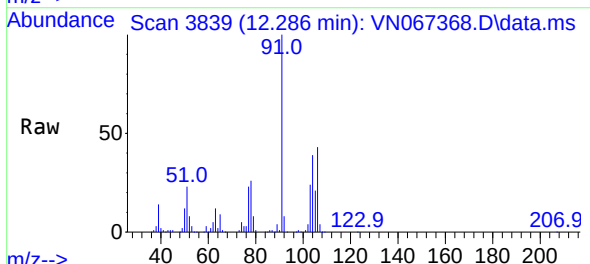
Manual Integrations
APPROVED

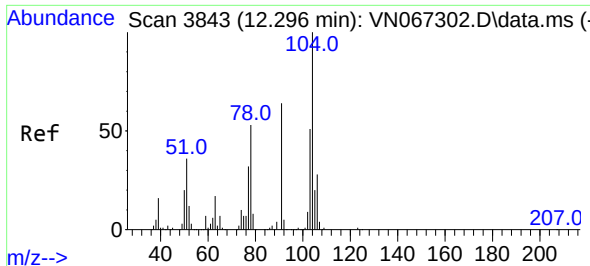
MMDadoda
6/17/2021 3:09:42 PM



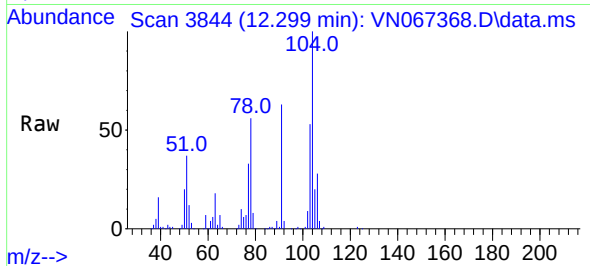
#68
o-Xylene
Concen: 18.21 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:106 Resp: 151399
Ion Ratio Lower Upper
106 100
91 235.9 120.0 360.0

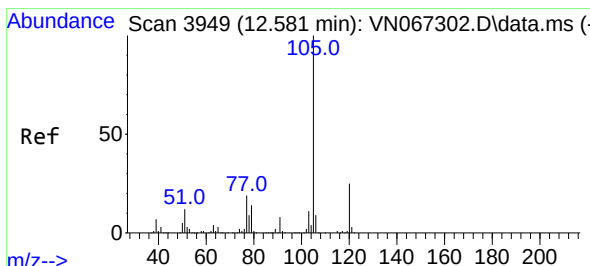
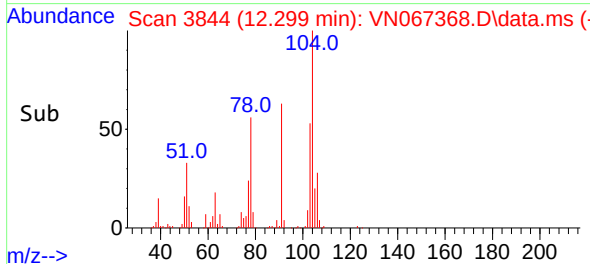
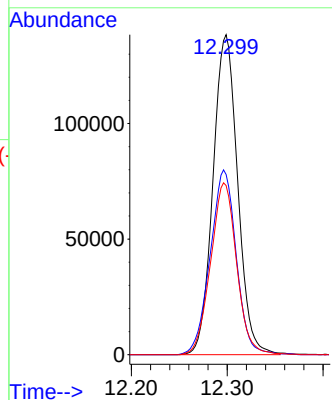




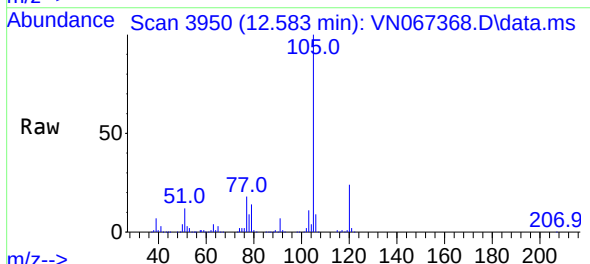
#69
Styrene
Concen: 17.70 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



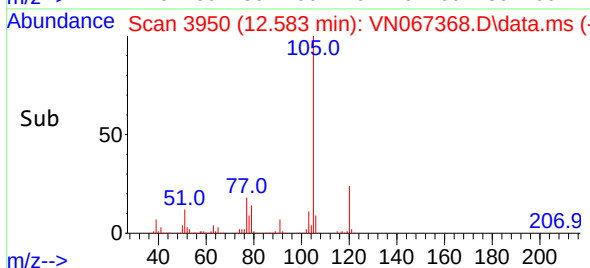
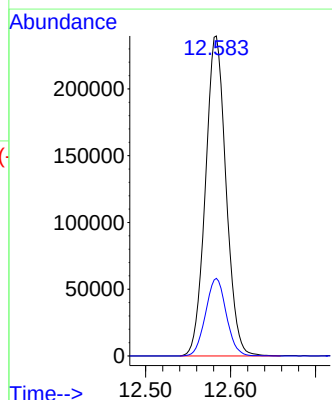
Tgt Ion:104 Resp: 247433
Ion Ratio Lower Upper
104 100
78 61.1 48.2 72.2
103 56.7 44.5 66.7



#70
Isopropylbenzene
Concen: 18.81 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



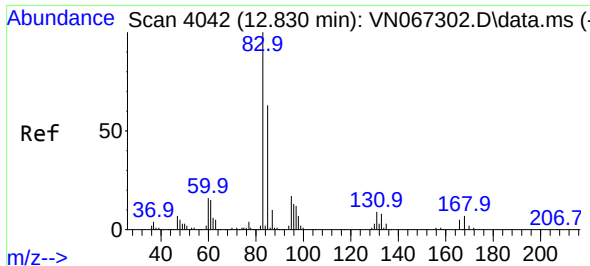
Tgt Ion:105 Resp: 402921
Ion Ratio Lower Upper
105 100
120 24.4 17.6 32.6



Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

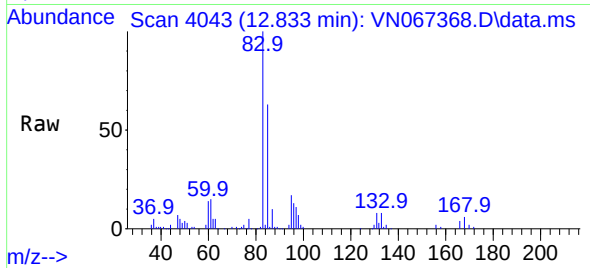
Manual Integrations
APPROVED

MMDadoda
6/17/2021 3:09:42 PM



#71
1,1,2,2-Tetrachloroethane
Concen: 18.78 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

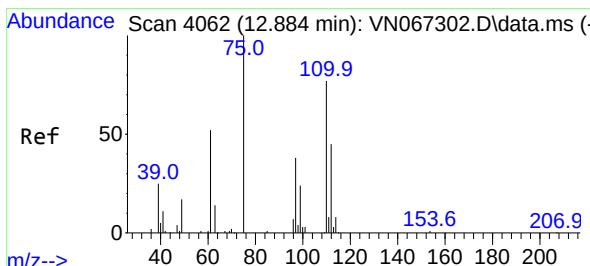
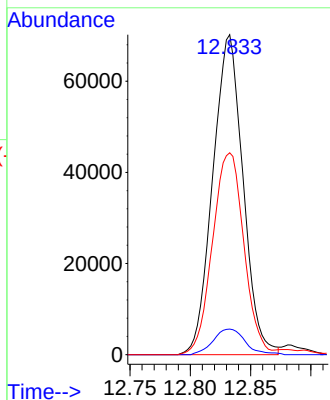
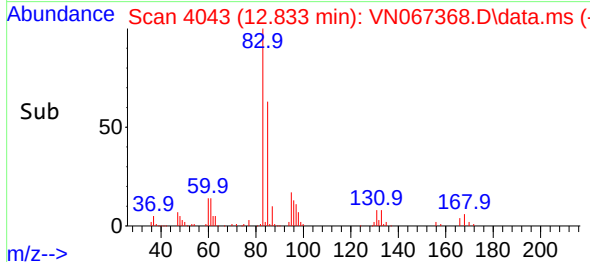
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



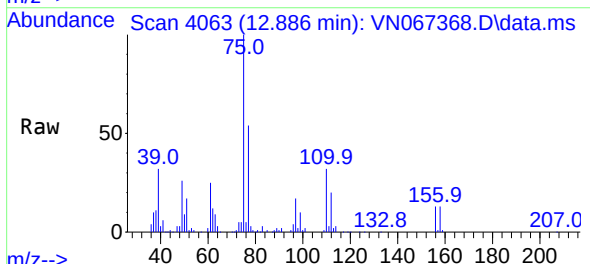
Tgt Ion: 83 Resp: 122397
Ion Ratio Lower Upper
83 100
131 8.5 4.7 14.0
85 65.4 32.2 96.6

Manual Integrations
APPROVED

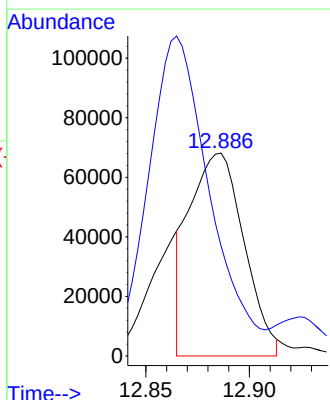
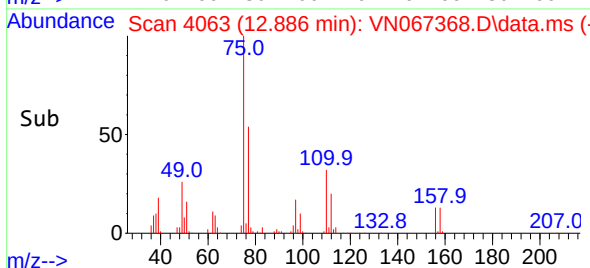
MMDadoda
6/17/2021 3:09:42 PM

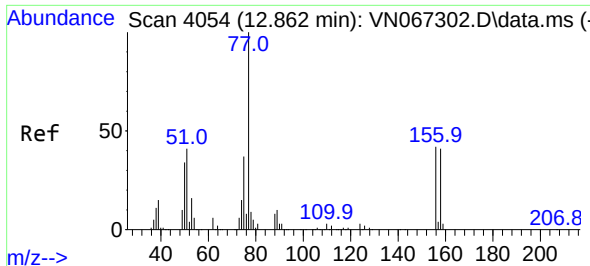


#72
1,2,3-Trichloropropane
Concen: 19.18 ug/l m
RT: 12.886 min Scan# 4063
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

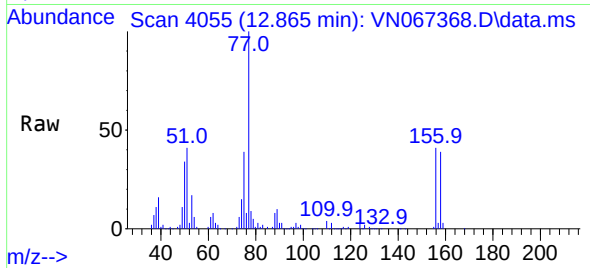


Tgt Ion: 75 Resp: 124542
Ion Ratio Lower Upper
75 100
77 178.3 0.0 374.2

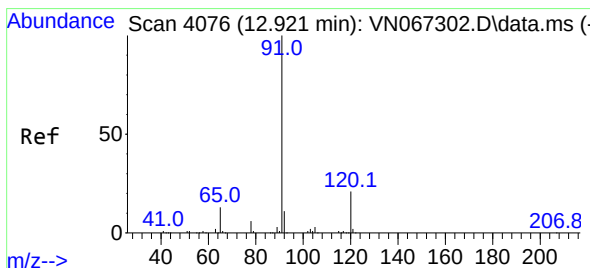
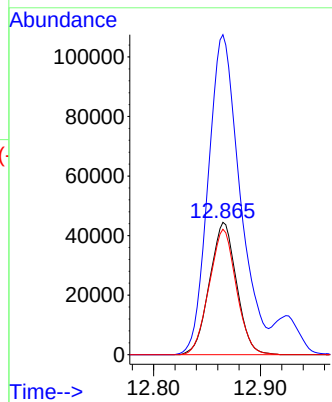
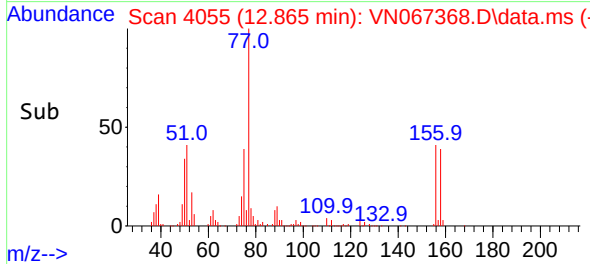




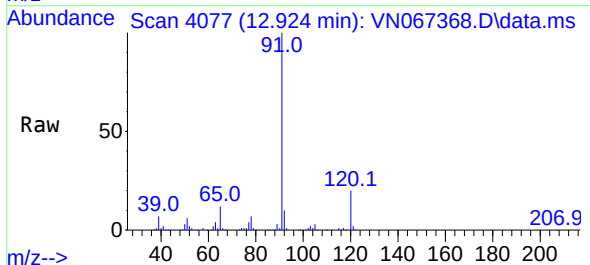
#73
Bromobenzene
Concen: 17.53 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



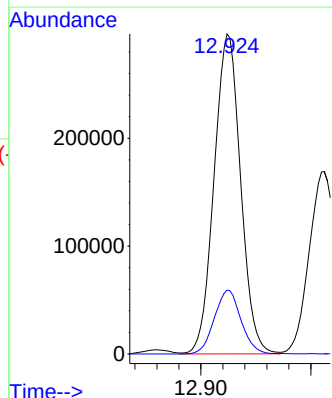
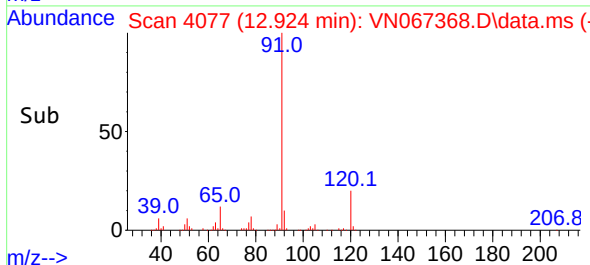
Tgt Ion:156 Resp: 78132
Ion Ratio Lower Upper
156 100
77 284.2 0.0 548.0
158 95.4 0.0 194.0



#74
n-propylbenzene
Concen: 19.28 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



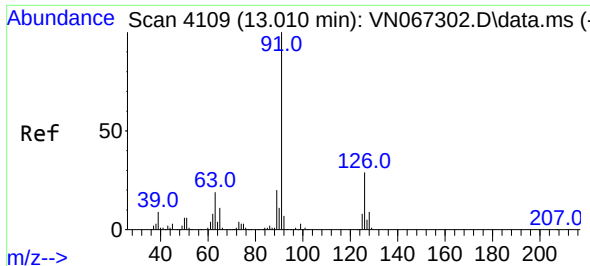
Tgt Ion: 91 Resp: 496433
Ion Ratio Lower Upper
91 100
120 20.1 0.0 41.0



Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

MMDadoda
6/17/2021 3:09:42 PM

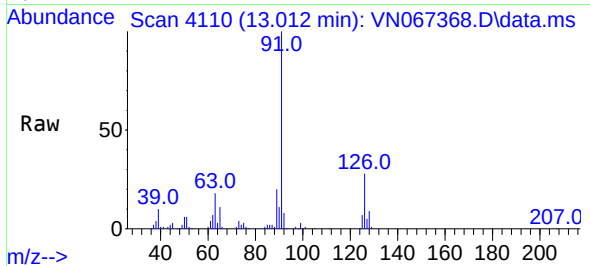


#75
2-Chlorotoluene
Concen: 18.43 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

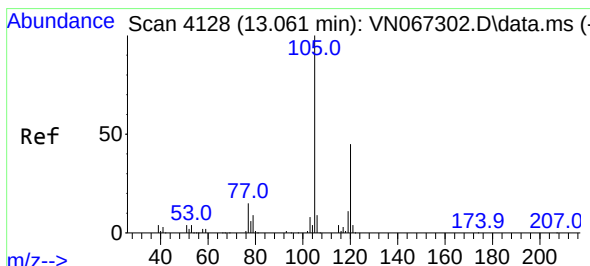
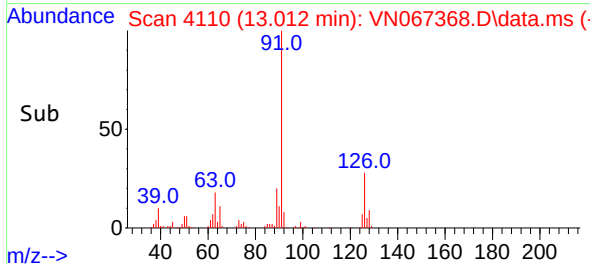
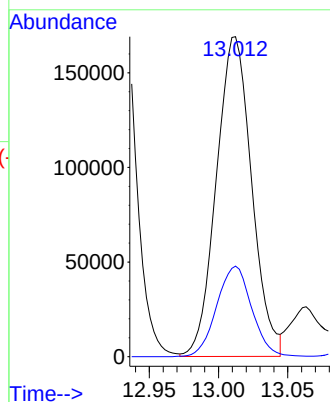
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

MMDadoda
6/17/2021 3:09:42 PM

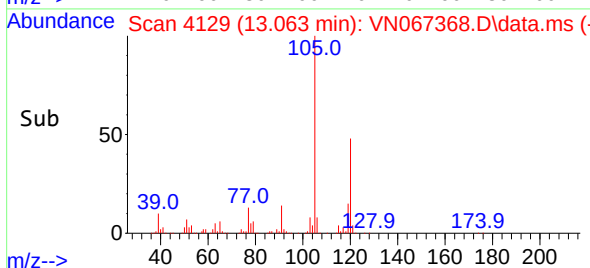
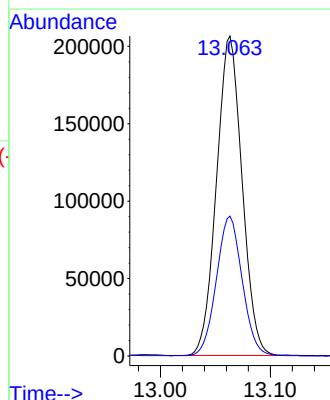
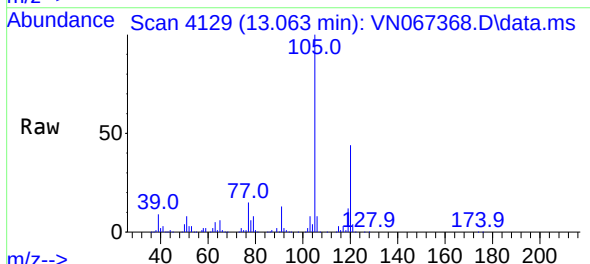


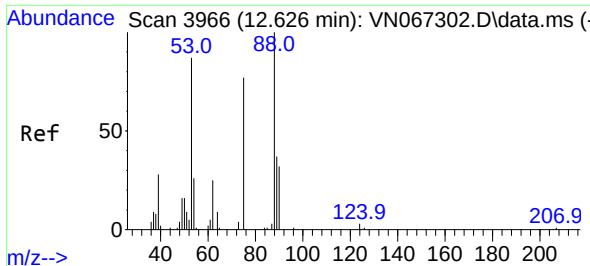
Tgt Ion: 91 Resp: 300421
Ion Ratio Lower Upper
91 100
126 28.1 0.0 0.0#



#76
1,3,5-Trimethylbenzene
Concen: 18.37 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

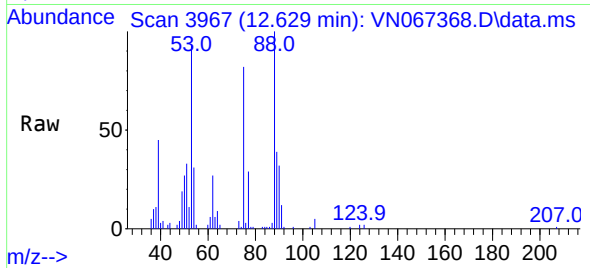
Tgt Ion: 105 Resp: 333469
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.14 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

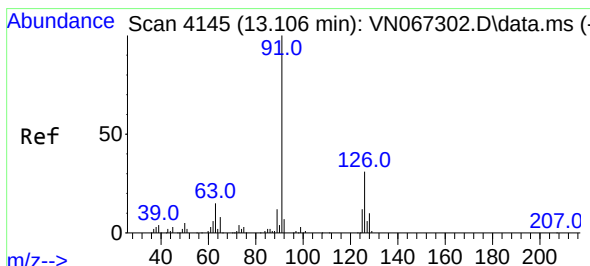
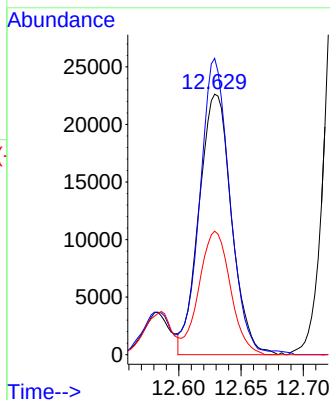
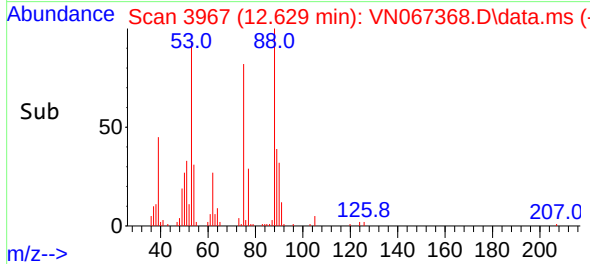
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



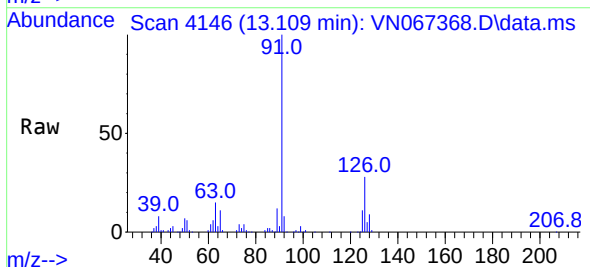
Tgt Ion: 75 Resp: 41036
Ion Ratio Lower Upper
75 100
53 112.4 55.2 165.6
89 47.4 24.5 73.5

Manual Integrations
APPROVED

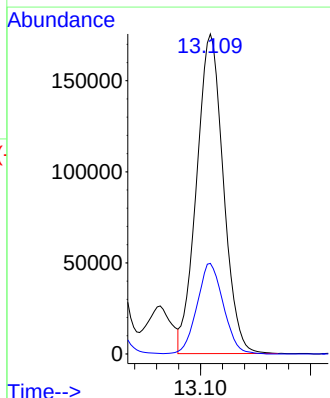
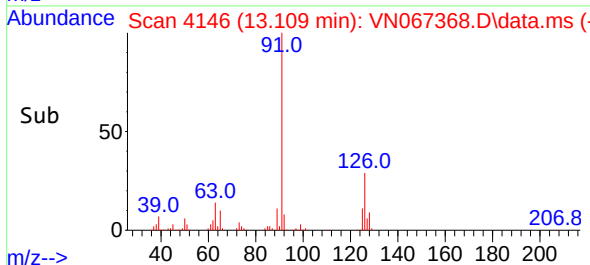
MMDadoda
6/17/2021 3:09:42 PM

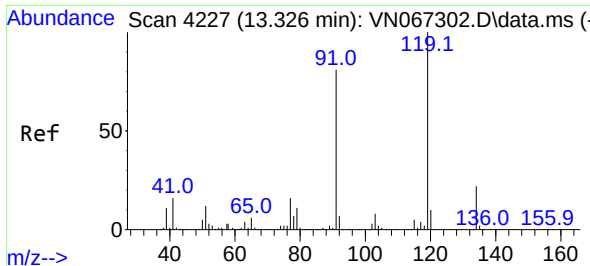


#78
4-Chlorotoluene
Concen: 18.27 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



Tgt Ion: 91 Resp: 296168
Ion Ratio Lower Upper
91 100
126 27.9 0.0 57.6





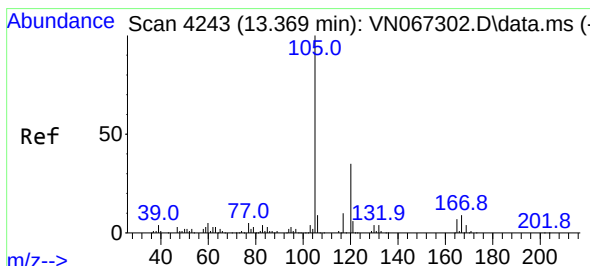
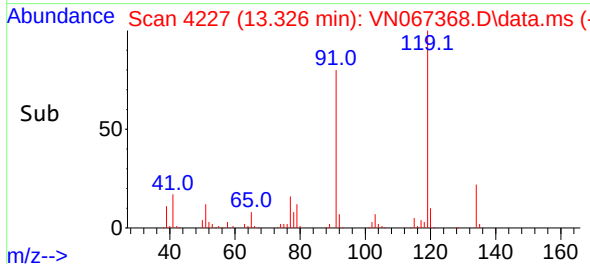
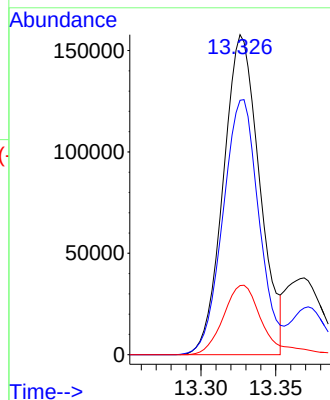
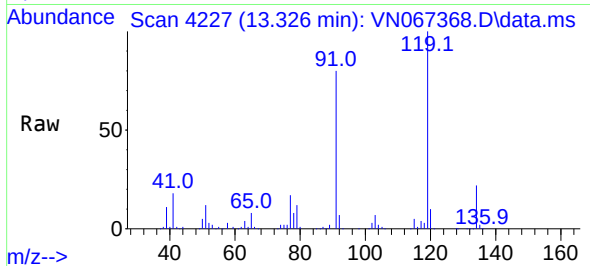
#79
tert-butylbenzene
Concen: 18.27 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:119 Resp: 266428
Ion Ratio Lower Upper
119 100
91 79.9 0.0 158.4
134 23.7 0.0 43.6

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

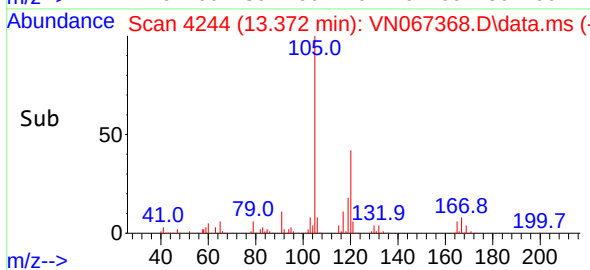
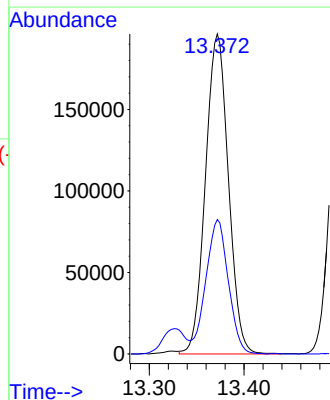
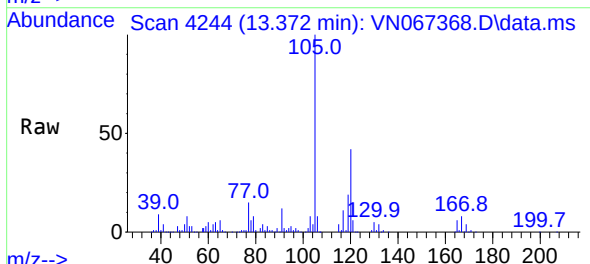
Manual Integrations
APPROVED

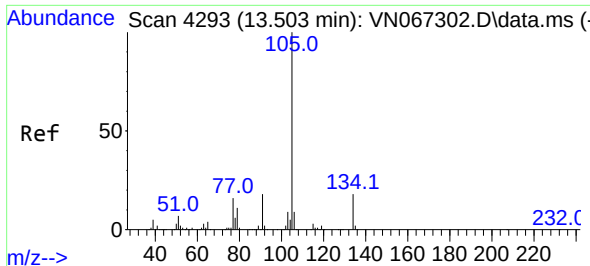
MMDadoda
6/17/2021 3:09:42 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.42 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:105 Resp: 330028
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4





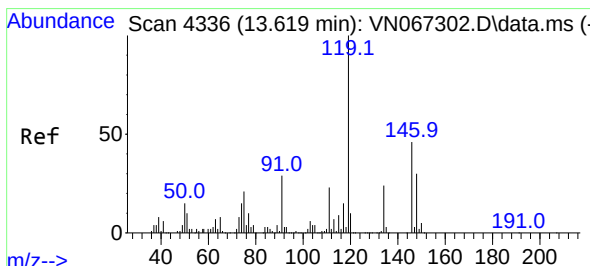
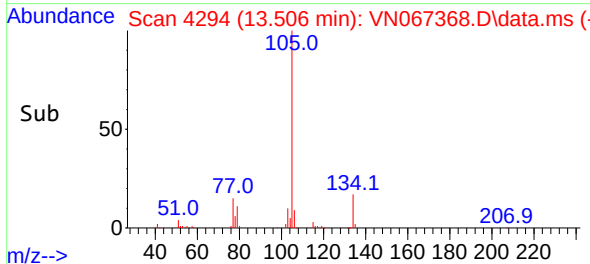
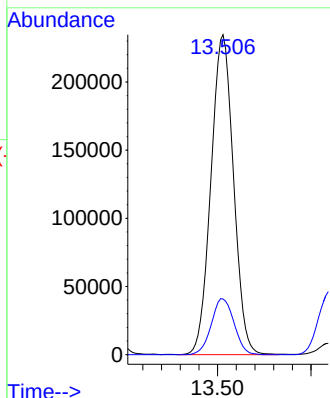
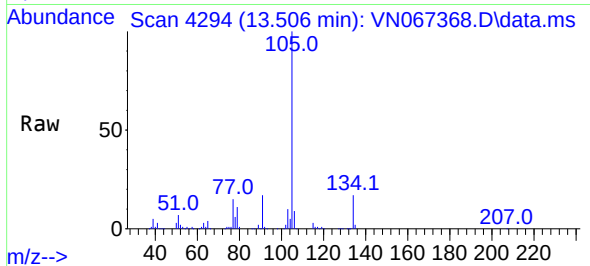
#81
 sec-Butylbenzene
 Concen: 19.47 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN067368.D
 Acq: 16 Jun 2021 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01

Tgt Ion:105 Resp: 394112
 Ion Ratio Lower Upper
 105 100
 134 17.6 0.0 35.4

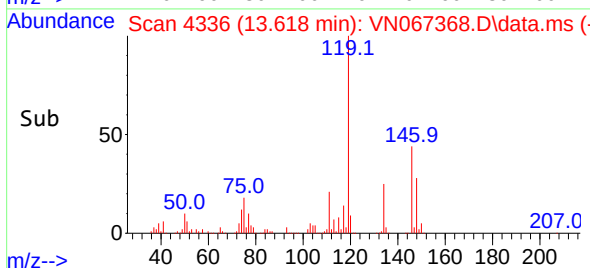
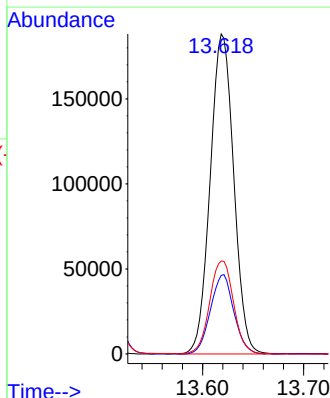
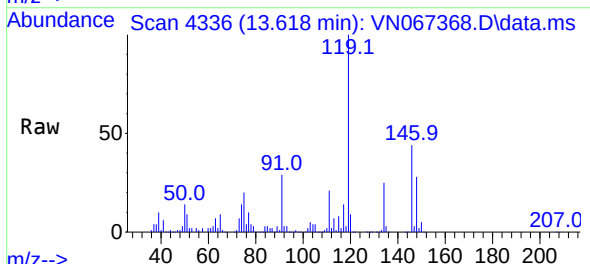
Manual Integrations
 APPROVED

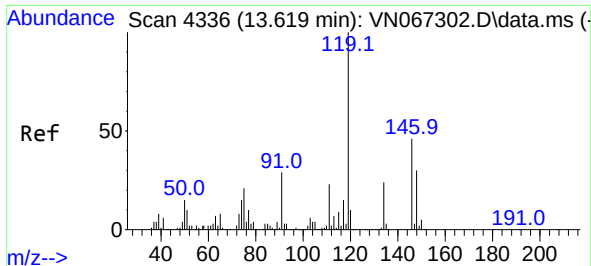
MMDadoda
 6/17/2021 3:09:42 PM



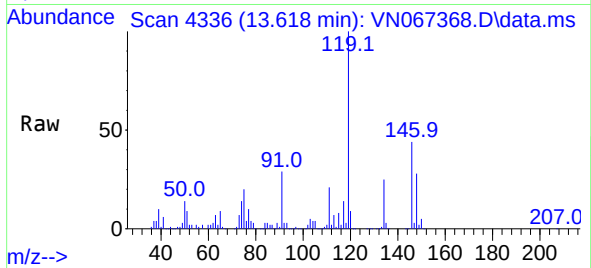
#82
 p-Isopropyltoluene
 Concen: 18.67 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067368.D
 Acq: 16 Jun 2021 17:38

Tgt Ion:119 Resp: 304757
 Ion Ratio Lower Upper
 119 100
 134 24.6 0.0 49.0
 91 29.5 0.0 59.6

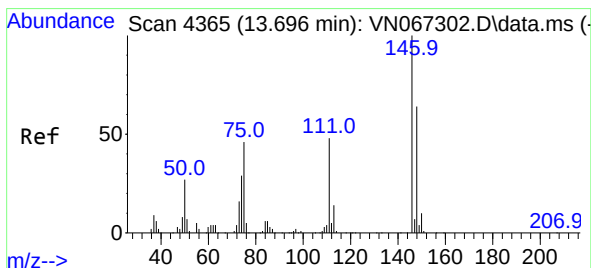
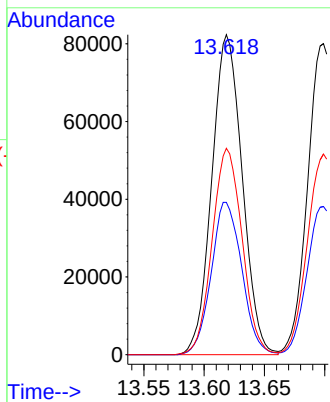
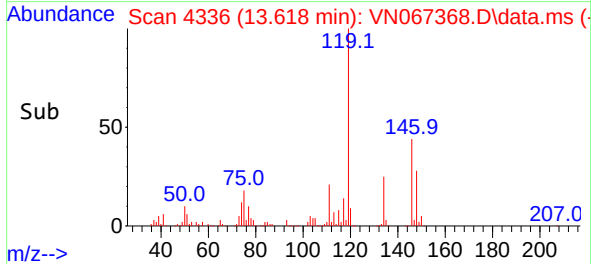




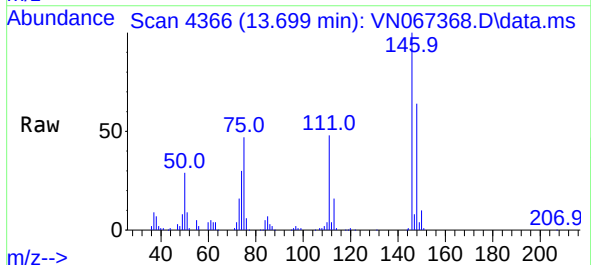
#83
1,3-Dichlorobenzene
Concen: 17.99 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



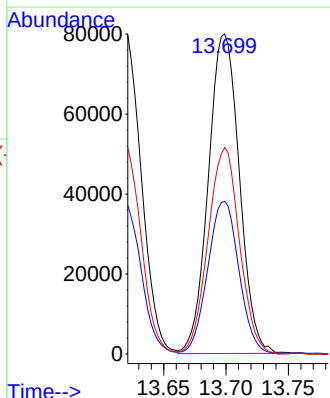
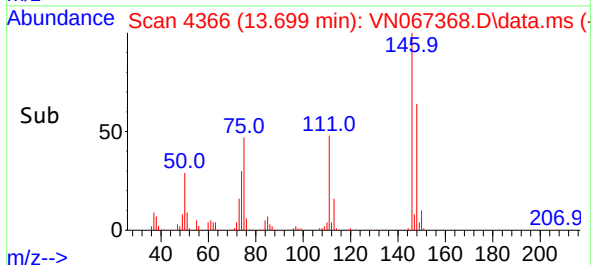
Tgt Ion:146 Resp: 144596
Ion Ratio Lower Upper
146 100
111 48.0 25.0 75.0
148 63.5 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 17.17 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



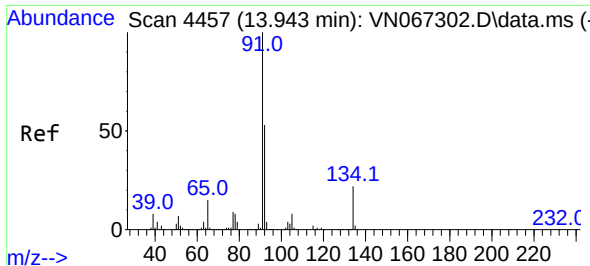
Tgt Ion:146 Resp: 138498
Ion Ratio Lower Upper
146 100
111 48.1 23.6 71.0
148 65.5 31.8 95.3



Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

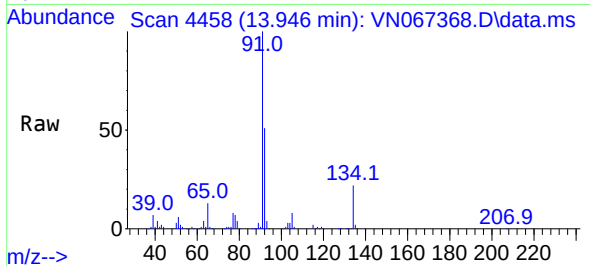
Manual Integrations
APPROVED

MMDadoda
6/17/2021 3:09:42 PM



#85
n-Butylbenzene
Concen: 19.98 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

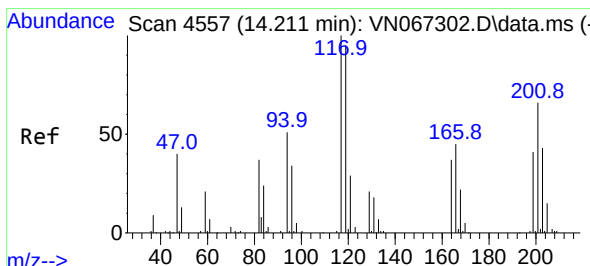
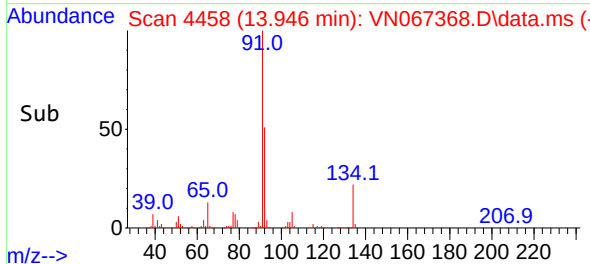
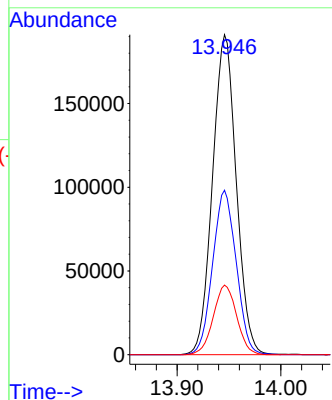
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 91 Resp: 303373
Ion Ratio Lower Upper
91 100
92 51.1 0.0 103.0
134 21.4 0.0 43.6

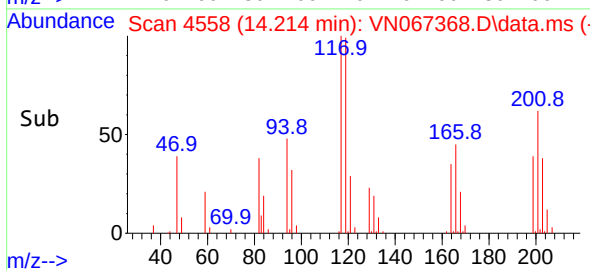
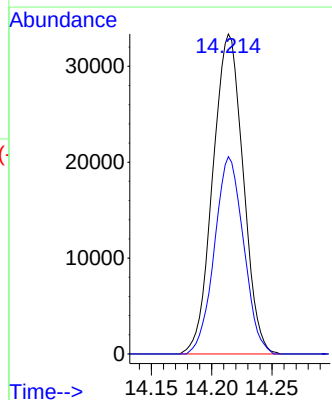
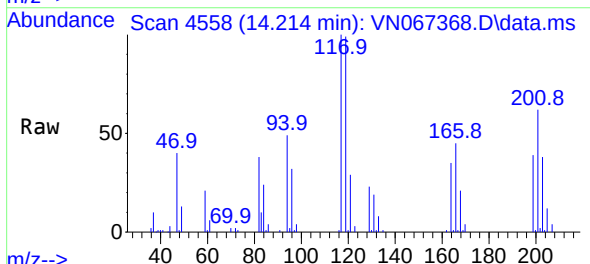
Manual Integrations
APPROVED

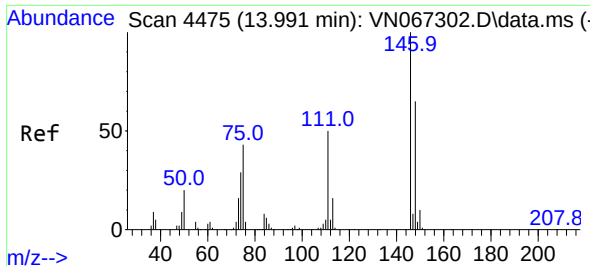
MMDadoda
6/17/2021 3:09:42 PM



#86
Hexachloroethane
Concen: 17.48 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

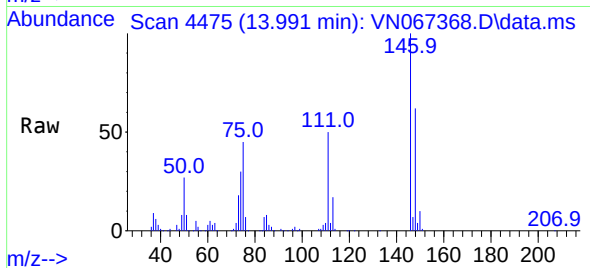
Tgt Ion: 117 Resp: 58397
Ion Ratio Lower Upper
117 100
201 59.2 33.3 99.9





#87
1,2-Dichlorobenzene
Concen: 17.96 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

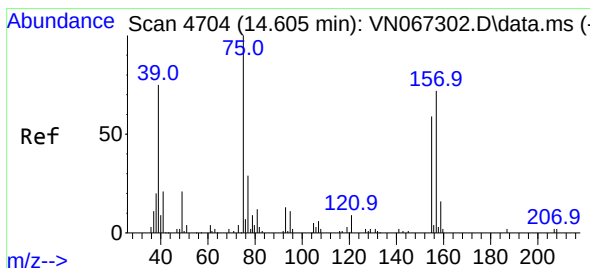
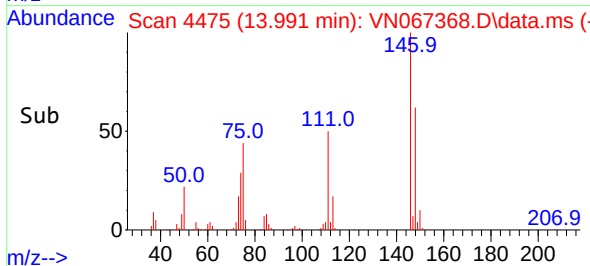
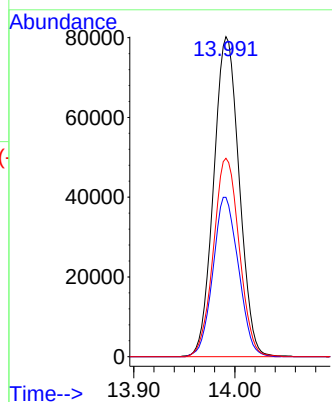
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



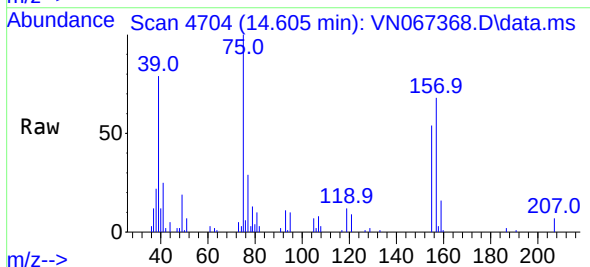
Tgt Ion:146 Resp: 140848
Ion Ratio Lower Upper
146 100
111 49.8 25.0 75.0
148 62.8 32.0 96.0

Manual Integrations
APPROVED

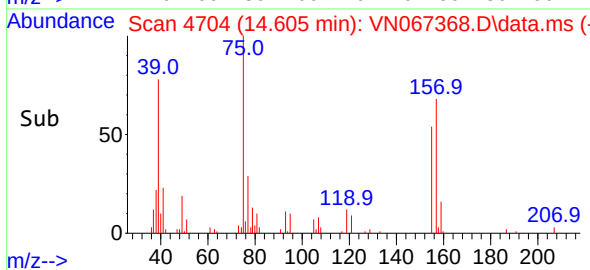
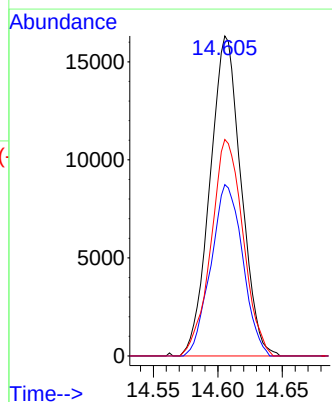
MMDadoda
6/17/2021 3:09:42 PM

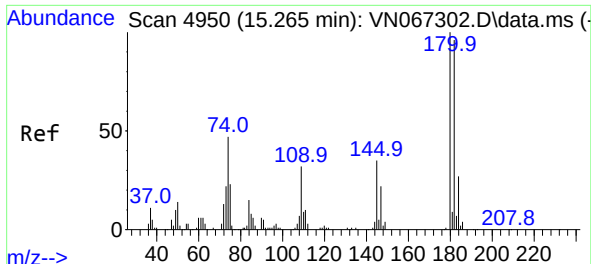


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.59 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38



Tgt Ion: 75 Resp: 27381
Ion Ratio Lower Upper
75 100
155 54.7 45.3 67.9
157 69.6 58.6 87.8





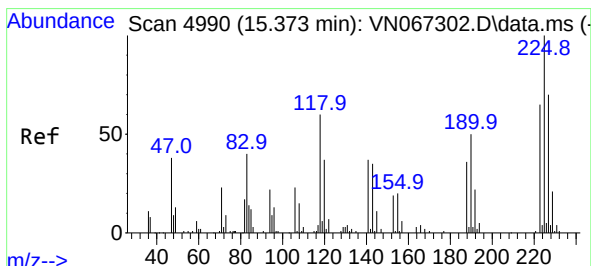
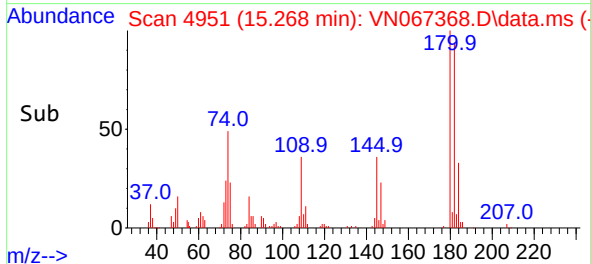
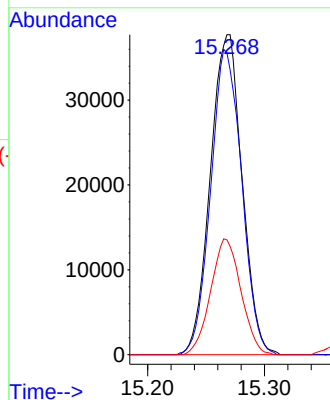
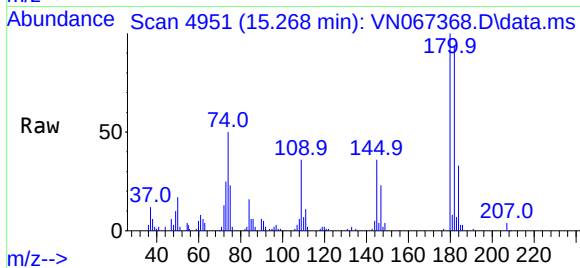
#89
1,2,4-Trichlorobenzene
Concen: 17.86 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:	180	Resp:	71221
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.9	113.9
145	34.5	28.8	43.2

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

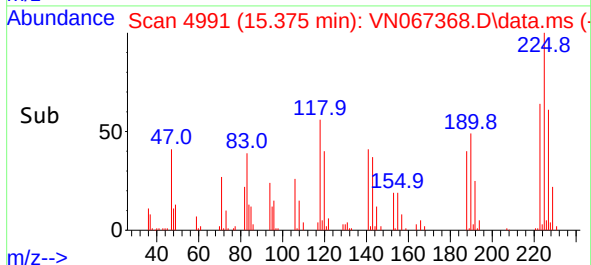
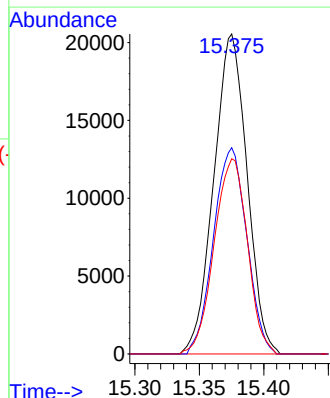
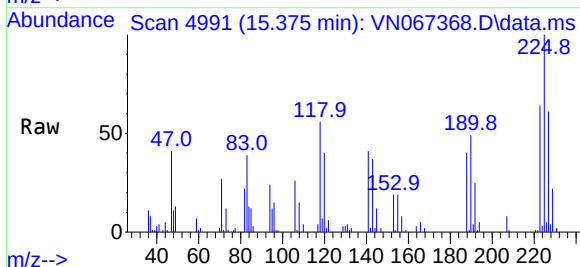
Manual Integrations
APPROVED

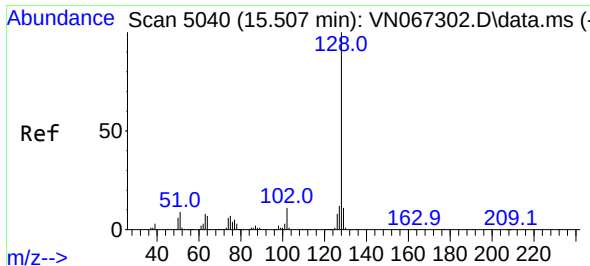
MMDadoda
6/17/2021 3:09:42 PM



#90
Hexachlorobutadiene
Concen: 17.42 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:	225	Resp:	36881
Ion Ratio	Lower	Upper	
225	100		
223	64.5	0.0	129.6
227	60.9	0.0	131.2





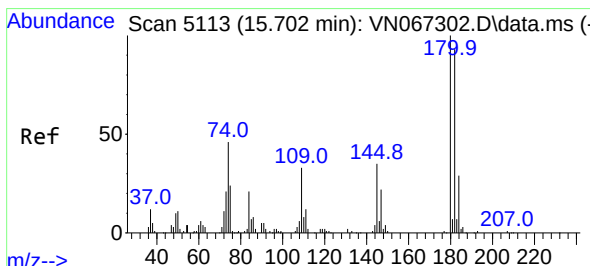
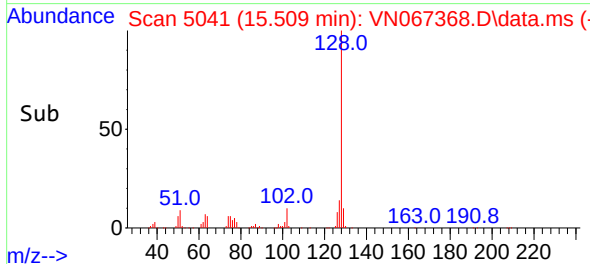
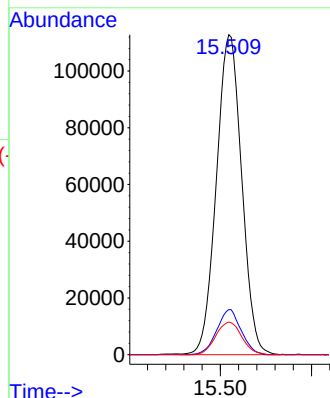
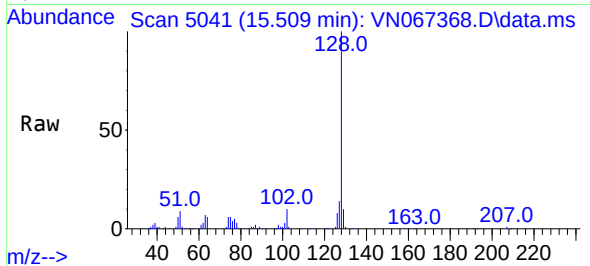
#91
Naphthalene
Concen: 16.22 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:	128	Resp:	217245
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.1	15.1
129	10.5	8.9	13.3

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Manual Integrations
APPROVED

MMDadoda
6/17/2021 3:09:42 PM



#92
1,2,3-Trichlorobenzene
Concen: 17.20 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067368.D
Acq: 16 Jun 2021 17:38

Tgt Ion:	180	Resp:	66713
Ion Ratio	Lower	Upper	
180	100		
182	92.4	0.0	184.6
145	37.0	0.0	76.0

