

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
 Data File : VN067711.D
 Acq On : 13 Jul 2021 12:11
 Operator : JC/MD
 Sample : VN0713WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:17:28 PM

Quant Time: Jul 13 22:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	381941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	700122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	667596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	301709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	288782	50.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.06%
35) Dibromofluoromethane	8.021	113	208928	49.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.78%
50) Toluene-d8	10.443	98	873324	49.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.64%
62) 4-Bromofluorobenzene	12.733	95	303430	48.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.02%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	60357	18.59	ug/l	99
3) Chloromethane	2.300	50	81416	15.83	ug/l	96
4) Vinyl Chloride	2.443	62	133810	17.24	ug/l	97
5) Bromomethane	2.853	94	118086	19.37	ug/l	100
6) Chloroethane	3.017	64	106274	18.00	ug/l	99
7) Trichlorofluoromethane	3.371	101	265644	20.55	ug/l	97
8) Diethyl Ether	3.816	74	46657	15.10	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	70799	20.00	ug/l	96
10) Methyl Iodide	4.417	142	76709	18.19	ug/l	93
11) Tert butyl alcohol	5.385	59	70120	84.54	ug/l	96
12) 1,1-Dichloroethene	4.175	96	64971	19.13	ug/l	87
13) Acrolein	4.038	56	49300	119.76	ug/l	100
14) Allyl chloride	4.838	41	113687	18.21	ug/l	93
15) Acrylonitrile	5.554	53	191880	93.27	ug/l	99
16) Acetone	4.288	43	159777	87.97	ug/l	97
17) Carbon Disulfide	4.521	76	167835	17.84	ug/l	97
18) Methyl Acetate	4.859	43	92349	18.10	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	263232	18.70	ug/l	99
20) Methylene Chloride	5.090	84	89394	20.67	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	75674	18.85	ug/l	95
22) Diisopropyl ether	6.498	45	267168	18.86	ug/l	98
23) Vinyl Acetate	6.433	43	1104196	91.17	ug/l	98
24) 1,1-Dichloroethane	6.385	63	148837	18.85	ug/l	98
25) 2-Butanone	7.340	43	271759	90.10	ug/l	97
26) 2,2-Dichloropropane	7.327	77	128454	18.61	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	91406	18.19	ug/l	90
28) Bromochloromethane	7.656	49	72685	18.86	ug/l	86
29) Tetrahydrofuran	7.689	42	178108	89.80	ug/l	94
30) Chloroform	7.820	83	162925	18.37	ug/l	100
31) Cyclohexane	8.094	56	140870	17.40	ug/l #	89
32) 1,1,1-Trichloroethane	8.016	97	143236	18.62	ug/l	99
36) 1,1-Dichloropropene	8.222	75	118084	18.16	ug/l	96
37) Ethyl Acetate	7.415	43	110754	17.58	ug/l	99
38) Carbon Tetrachloride	8.204	117	118216	18.43	ug/l	96
39) Methylcyclohexane	9.461	83	134400	18.88	ug/l	93
40) Benzene	8.461	78	358669	18.42	ug/l	99
41) Methacrylonitrile	7.640	41	57562	17.77	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
 Data File : VN067711.D
 Acq On : 13 Jul 2021 12:11
 Operator : JC/MD
 Sample : VN0713WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampled :
 VN0713WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:17:28 PM

Quant Time: Jul 13 22:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.531	62	137295	18.99	ug/l	98
43) Isopropyl Acetate	8.563	43	200919	18.13	ug/l	97
44) Trichloroethene	9.217	130	91219	18.46	ug/l	91
45) 1,2-Dichloropropane	9.494	63	91670	18.60	ug/l	99
46) Dibromomethane	9.579	93	66153	18.92	ug/l	98
47) Bromodichloromethane	9.762	83	127922	18.71	ug/l	99
48) Methyl methacrylate	9.563	41	87620	17.87	ug/l	90
49) 1,4-Dioxane	9.574	88	30725	337.02	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	626757	92.04	ug/l	97
52) Toluene	10.507	92	241854	18.97	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	132740	17.47	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	142649	18.76	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	92634	18.96	ug/l	96
56) Ethyl methacrylate	10.765	69	138686	18.42	ug/l	94
57) 1,3-Dichloropropane	11.046	76	154644	18.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	124334	74.73	ug/l	93
59) 2-Hexanone	11.087	43	429114	90.28	ug/l	97
60) Dibromochloromethane	11.242	129	91239	16.85	ug/l	99
61) 1,2-Dibromoethane	11.349	107	92649	18.57	ug/l	100
64) Tetrachloroethene	10.979	164	90333	19.17	ug/l	95
65) Chlorobenzene	11.773	112	253965	18.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	90810	18.83	ug/l	98
67) Ethyl Benzene	11.846	91	470900	18.87	ug/l	99
68) m/p-Xylenes	11.956	106	358710	38.00	ug/l	89
69) o-Xylene	12.283	106	175465	18.90	ug/l	88
70) Styrene	12.296	104	285024	19.20	ug/l	93
71) Bromoform	12.460	173	57855	15.84	ug/l #	100
73) Isopropylbenzene	12.580	105	452013	18.57	ug/l	98
74) N-ethyl acetate	12.390	43	155959	17.66	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	128081	18.13	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	118791m	19.28	ug/l	
77) Bromobenzene	12.862	156	98703	18.32	ug/l	79
78) n-propylbenzene	12.924	91	520804	18.92	ug/l	97
79) 2-Chlorotoluene	13.010	91	312138	18.77	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	380584	19.30	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	30443	15.93	ug/l	94
82) 4-Chlorotoluene	13.106	91	310428	18.86	ug/l	92
83) tert-Butylbenzene	13.326	119	314789	18.71	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	372753	19.29	ug/l	95
85) sec-Butylbenzene	13.506	105	449234	19.30	ug/l	97
86) p-Isopropyltoluene	13.618	119	355615	18.93	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	187948	18.80	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	188603	18.43	ug/l	96
89) n-Butylbenzene	13.946	91	303630	18.84	ug/l	98
90) Hexachloroethane	14.214	117	58837	18.86	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	183182	18.99	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	21927	17.87	ug/l	74
93) 1,2,4-Trichlorobenzene	15.265	180	72316	16.29	ug/l	100
94) Hexachlorobutadiene	15.372	225	38147	18.82	ug/l	97
95) Naphthalene	15.509	128	190205	15.11	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	67970	16.00	ug/l	98

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

Instrument :

MSVOA_N

ClientSampleId :

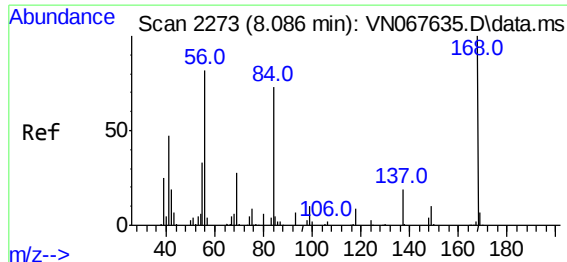
VN0713WBS01

Manual Integrations

APPROVED

MMDadoda

7/15/2021 1:17:28 PM



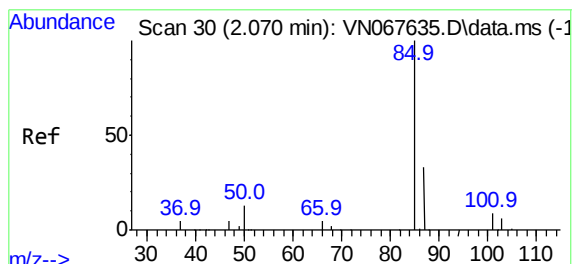
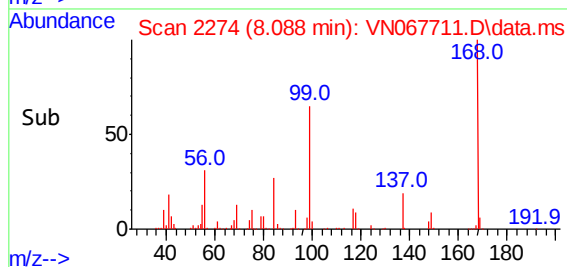
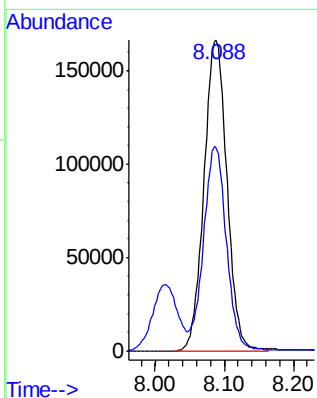
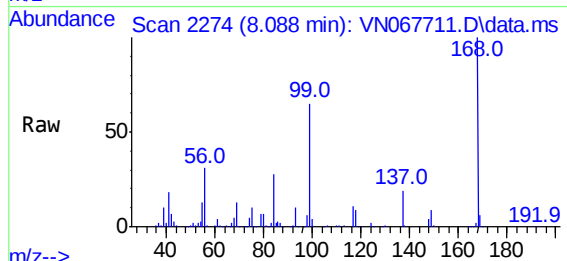
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:168 Resp: 381941
Ion Ratio Lower Upper
168 100
99 65.0 62.9 94.3

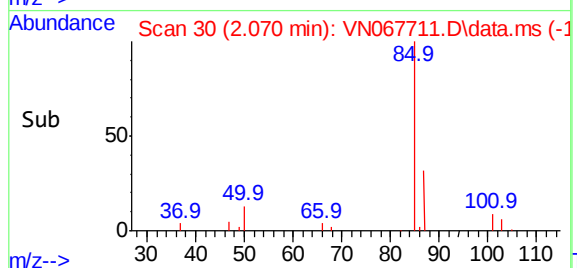
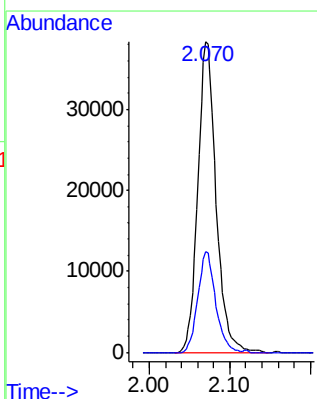
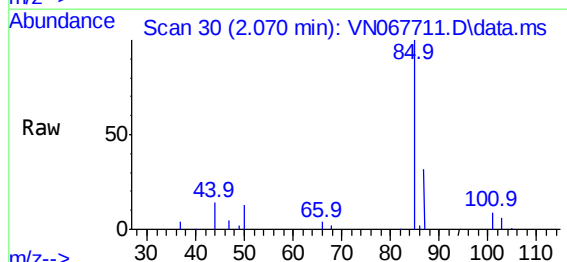
Manual Integrations
APPROVED

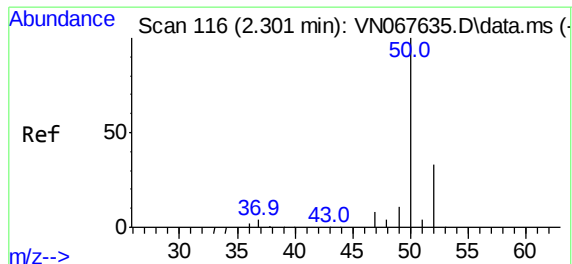
MMDadoda
7/15/2021 1:17:28 PM



#2
Dichlorodifluoromethane
Concen: 18.59 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 85 Resp: 60357
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





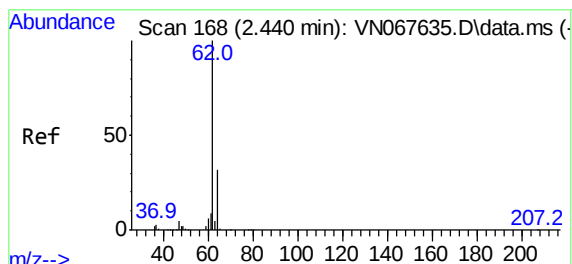
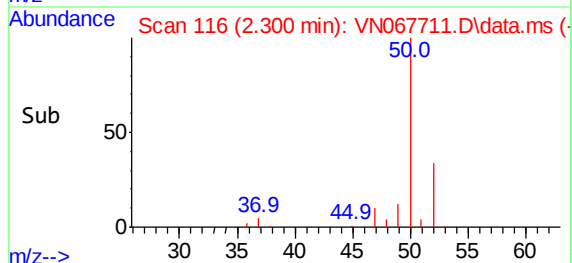
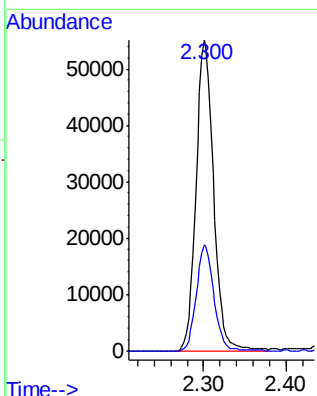
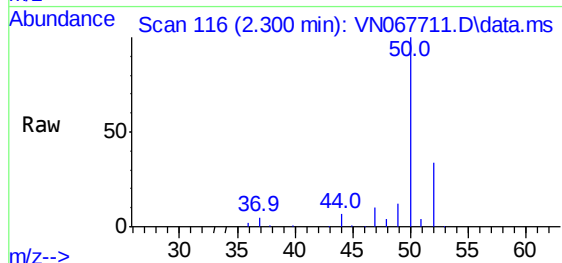
#3
Chloromethane
Concen: 15.83 ug/l
RT: 2.300 min Scan# 116
Delta R.T. -0.001 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 50 Resp: 81416
Ion Ratio Lower Upper
50 100
52 34.2 25.6 38.4

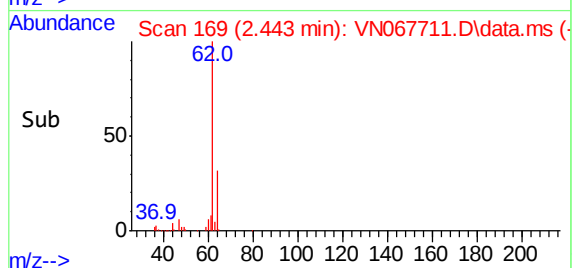
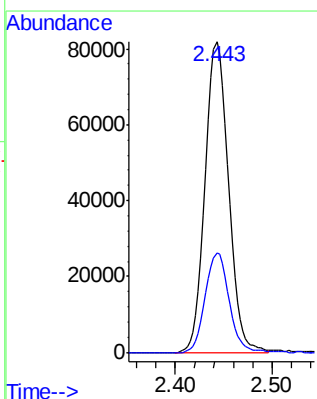
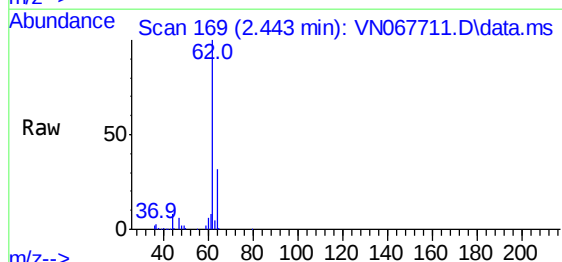
Manual Integrations
APPROVED

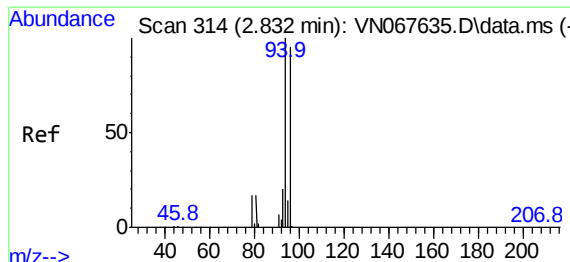
MMDadoda
7/15/2021 1:17:28 PM



#4
Vinyl Chloride
Concen: 17.24 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 62 Resp: 133810
Ion Ratio Lower Upper
62 100
64 31.9 24.4 36.6





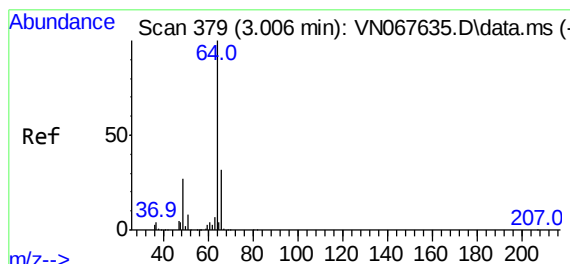
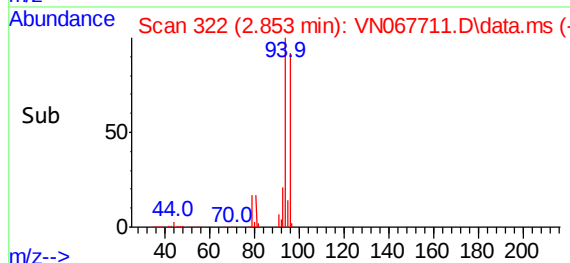
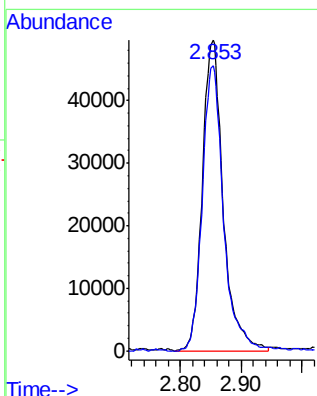
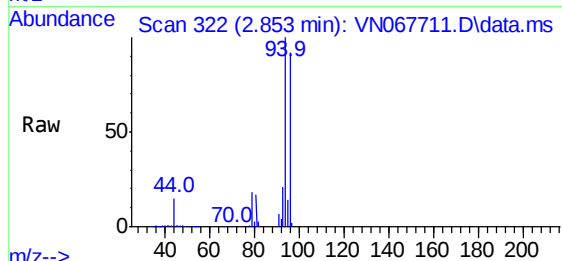
#5
Bromomethane
Concen: 19.37 ug/l
RT: 2.853 min Scan# 322
Delta R.T. 0.021 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 94 Resp: 118086
Ion Ratio Lower Upper
94 100
96 91.7 73.7 110.5

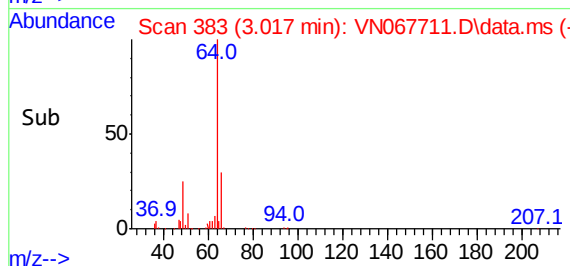
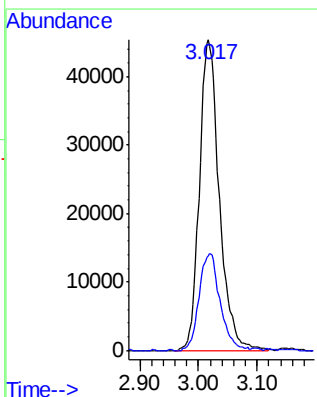
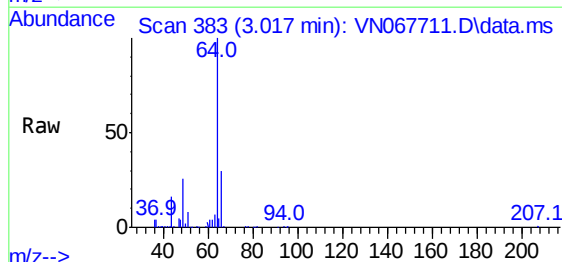
Manual Integrations
APPROVED

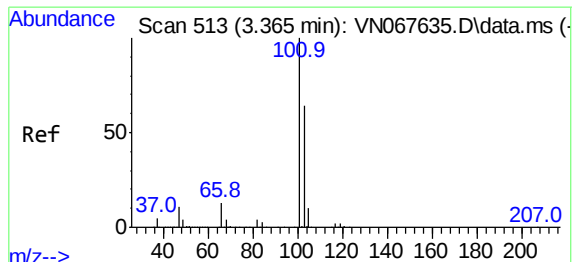
MMDadoda
7/15/2021 1:17:28 PM



#6
Chloroethane
Concen: 18.00 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.011 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 64 Resp: 106274
Ion Ratio Lower Upper
64 100
66 30.5 24.7 37.1





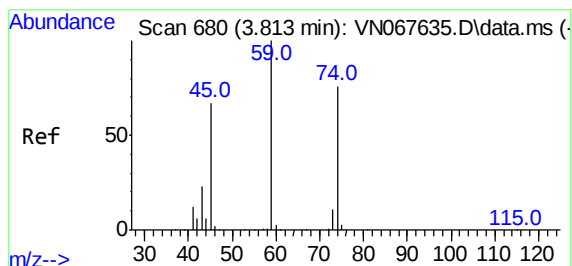
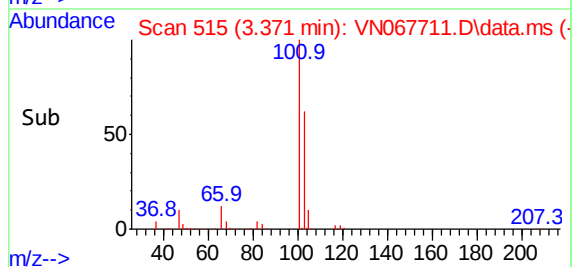
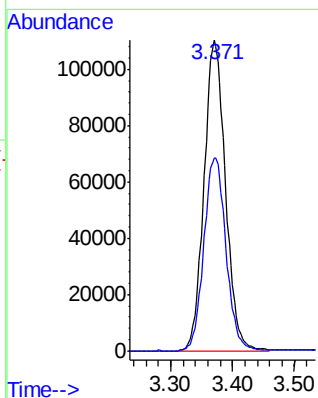
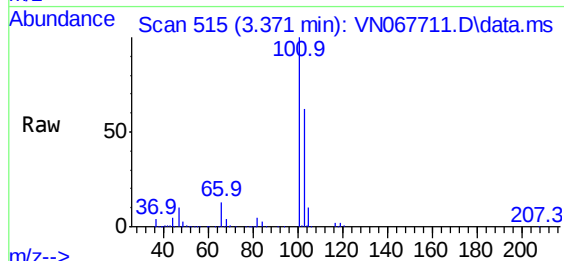
#7
Trichlorofluoromethane
Concen: 20.55 ug/l
RT: 3.371 min Scan# 515
Delta R.T. 0.006 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:101 Resp: 265644
Ion Ratio Lower Upper
101 100
103 62.0 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

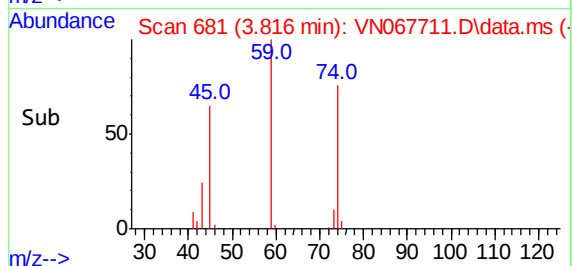
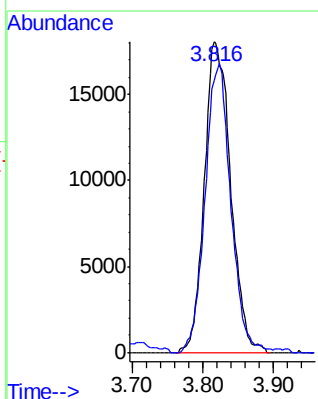
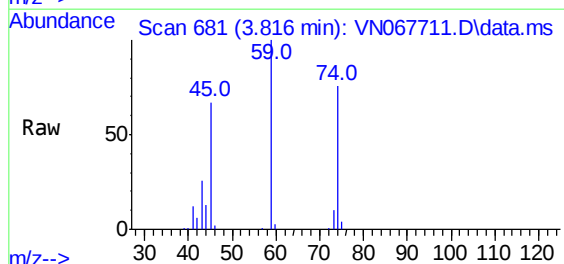
Manual Integrations
APPROVED

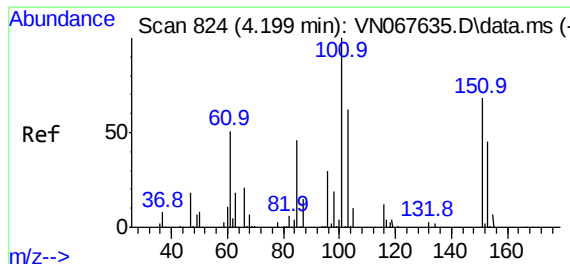
MMDadoda
7/15/2021 1:17:28 PM



#8
Diethyl Ether
Concen: 15.10 ug/l
RT: 3.816 min Scan# 681
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 74 Resp: 46657
Ion Ratio Lower Upper
74 100
45 90.6 50.2 150.7





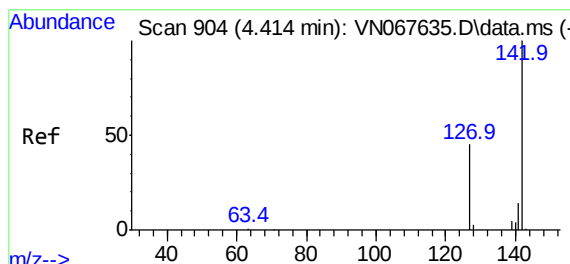
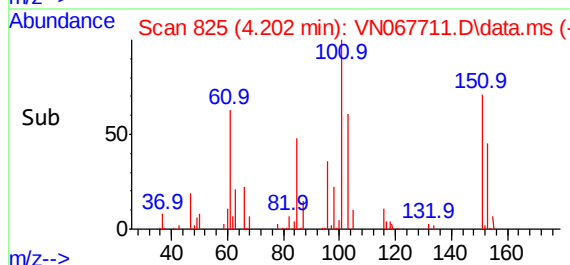
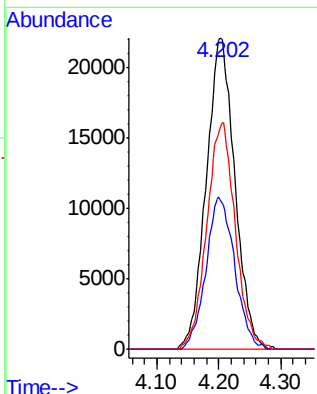
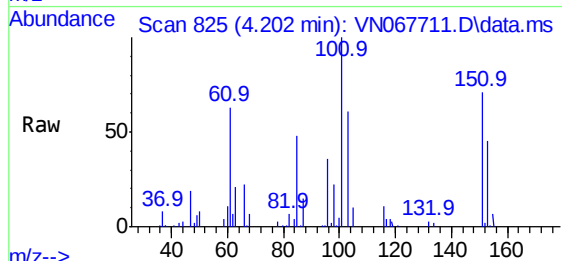
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.00 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:101 Resp: 70799
Ion Ratio Lower Upper
101 100
85 48.8 39.6 59.4
151 72.6 54.1 81.1

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

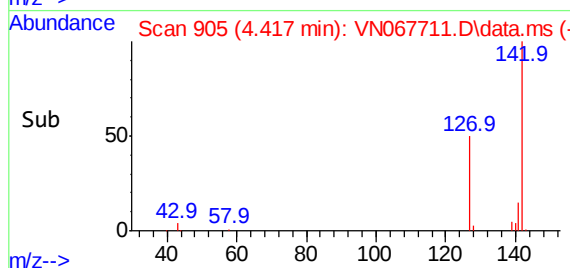
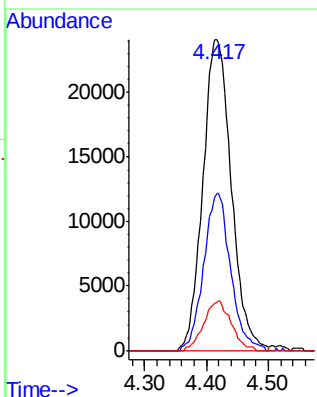
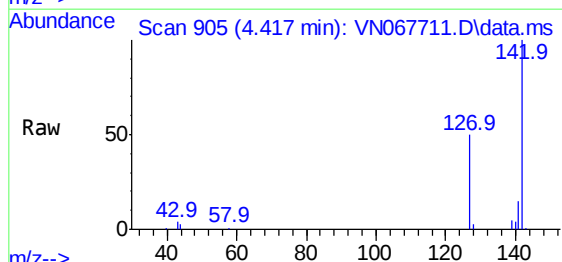
Manual Integrations
APPROVED

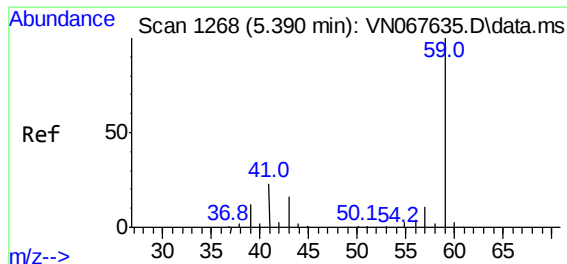
MMDadoda
7/15/2021 1:17:28 PM



#10
Methyl Iodide
Concen: 18.19 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:142 Resp: 76709
Ion Ratio Lower Upper
142 100
127 47.7 43.1 64.7
141 15.1 11.4 17.0





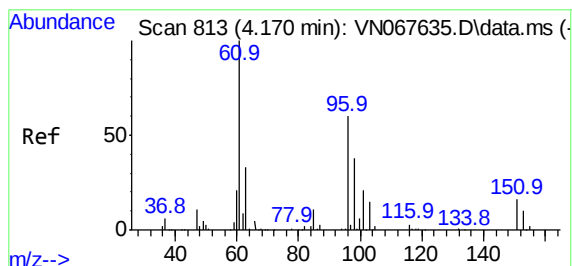
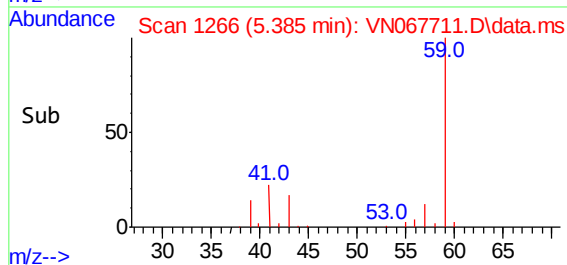
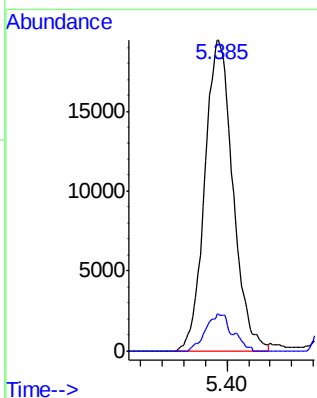
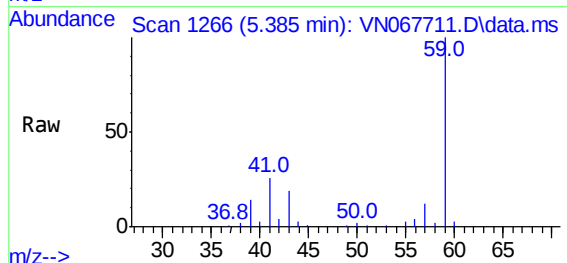
#11
Tert butyl alcohol
Concen: 84.54 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 59 Resp: 70120
Ion Ratio Lower Upper
59 100
57 9.3 8.7 13.1

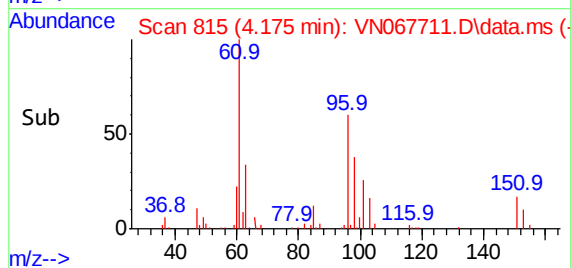
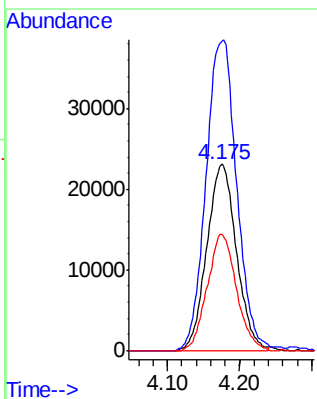
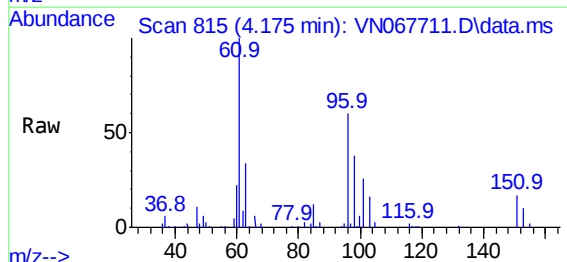
Manual Integrations
APPROVED

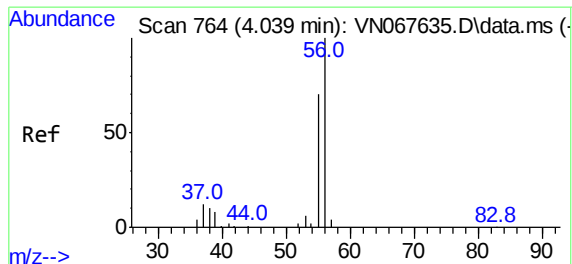
MMDadoda
7/15/2021 1:17:28 PM



#12
1,1-Dichloroethene
Concen: 19.13 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.005 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 96 Resp: 64971
Ion Ratio Lower Upper
96 100
61 165.9 152.6 229.0
98 62.2 50.9 76.3



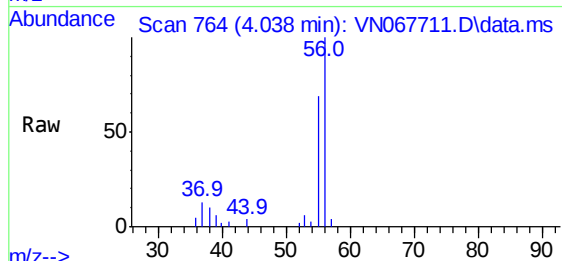


#13
Acrolein
Concen: 119.76 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.001 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

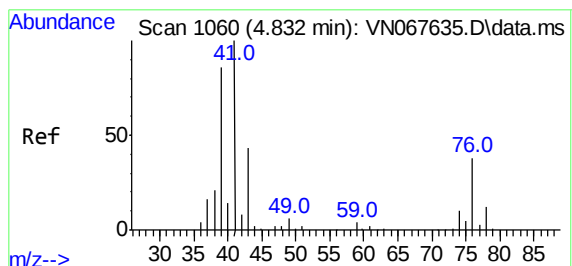
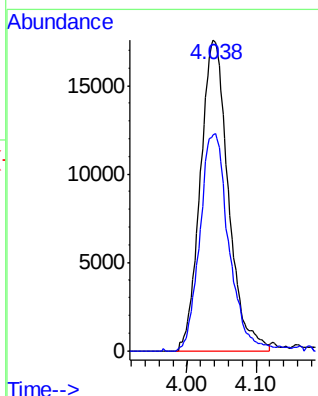
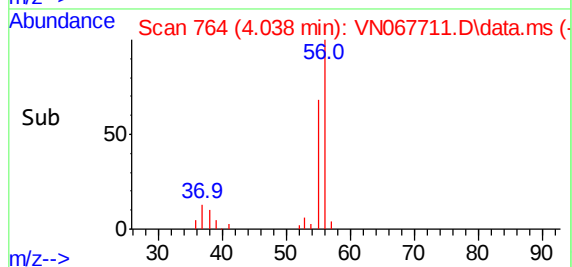
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

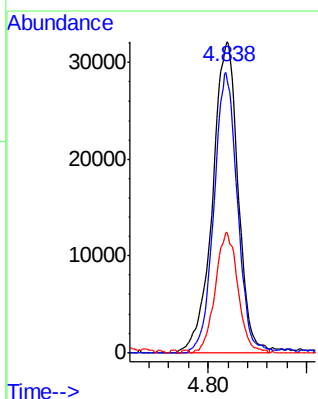
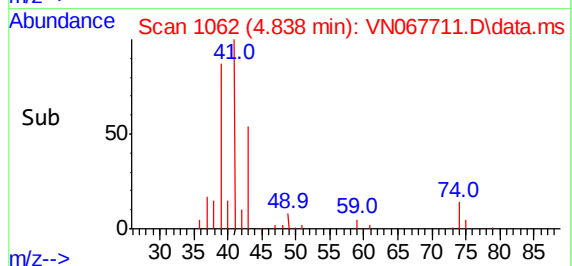
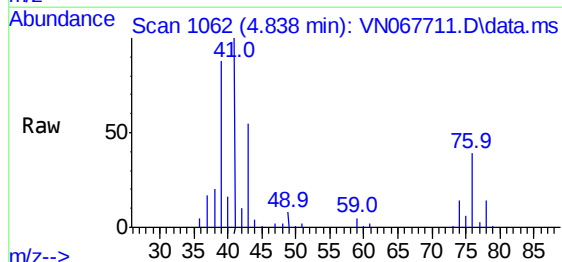


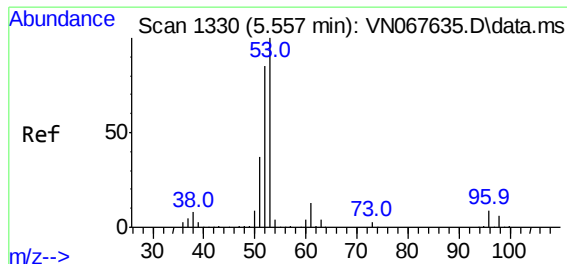
Tgt Ion: 56 Resp: 49300
Ion Ratio Lower Upper
56 100
55 71.8 57.4 86.0



#14
Allyl chloride
Concen: 18.21 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 41 Resp: 113687
Ion Ratio Lower Upper
41 100
39 82.3 60.9 91.3
76 34.1 24.3 36.5





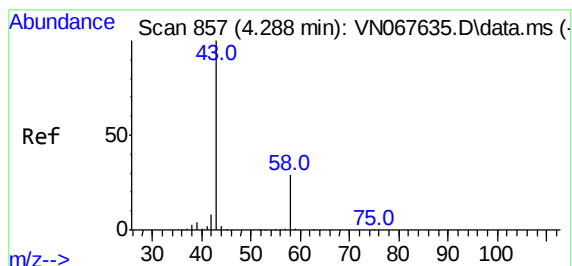
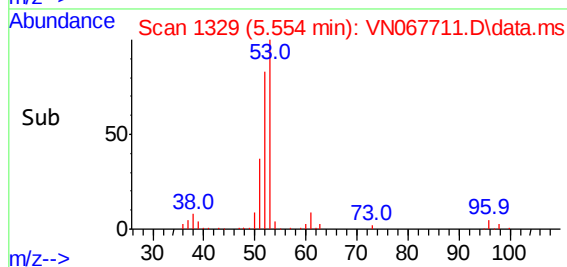
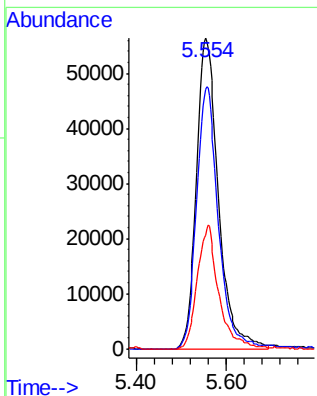
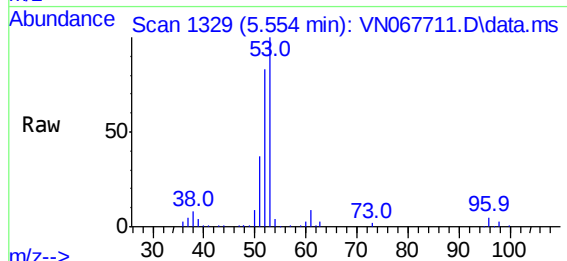
#15
Acrylonitrile
Concen: 93.27 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 53 Resp: 191880
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 38.5 30.2 45.4

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

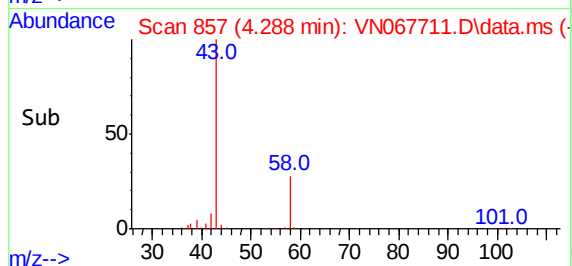
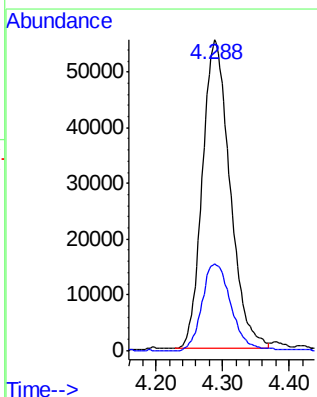
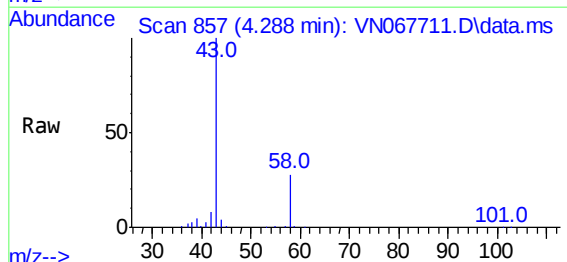
Manual Integrations
APPROVED

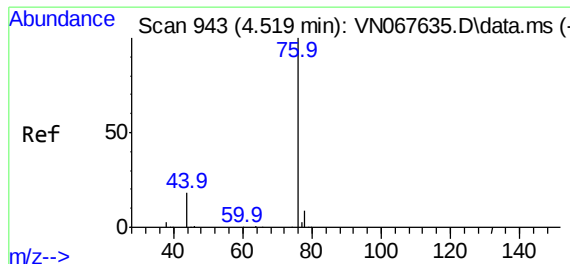
MMDadoda
7/15/2021 1:17:28 PM



#16
Acetone
Concen: 87.97 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 43 Resp: 159777
Ion Ratio Lower Upper
43 100
58 28.0 21.2 31.8





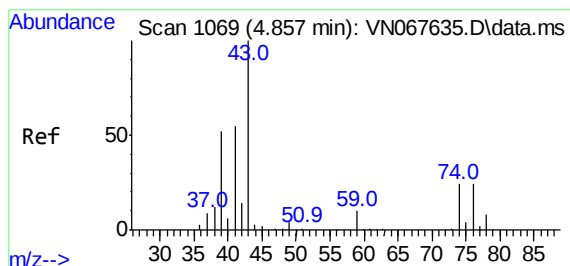
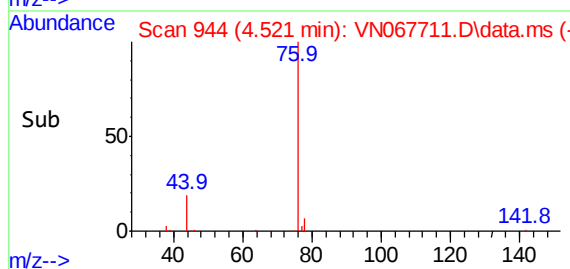
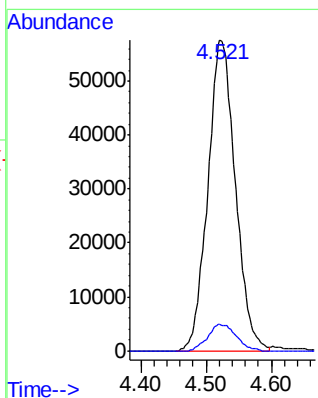
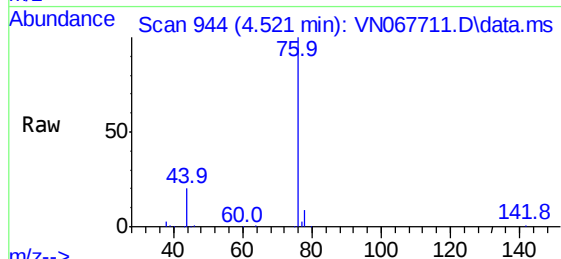
#17
Carbon Disulfide
Concen: 17.84 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.002 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 76 Resp: 167835
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5

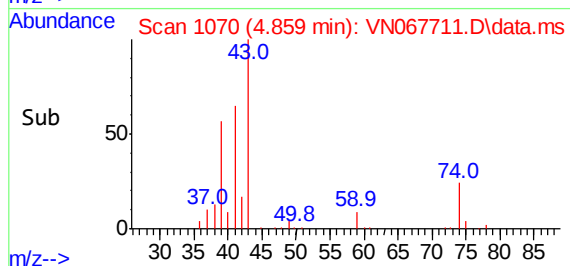
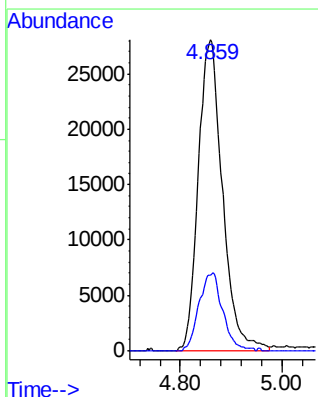
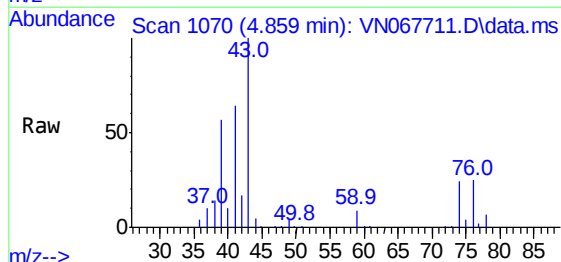
Manual Integrations
APPROVED

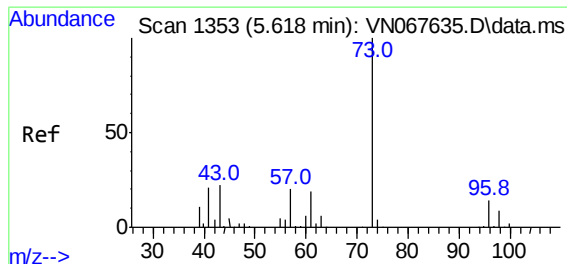
MMDadoda
7/15/2021 1:17:28 PM



#18
Methyl Acetate
Concen: 18.10 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 43 Resp: 92349
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0





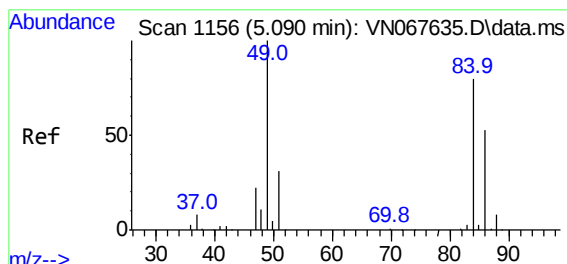
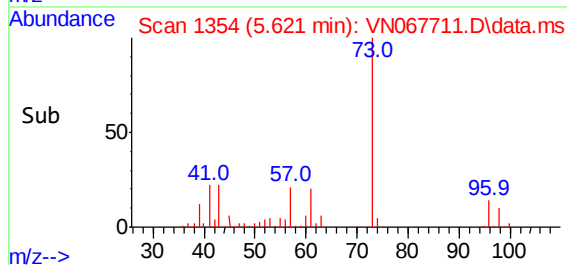
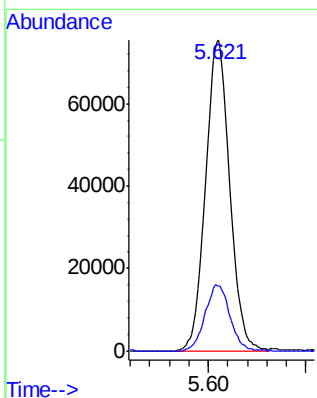
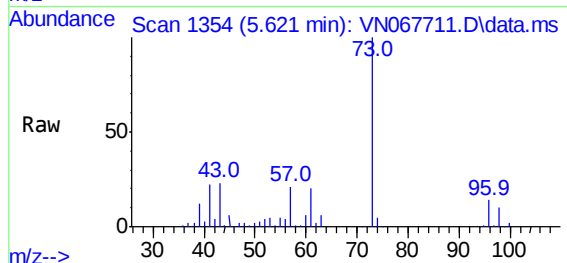
#19
Methyl tert-butyl Ether
Concen: 18.70 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 73 Resp: 263232
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.6

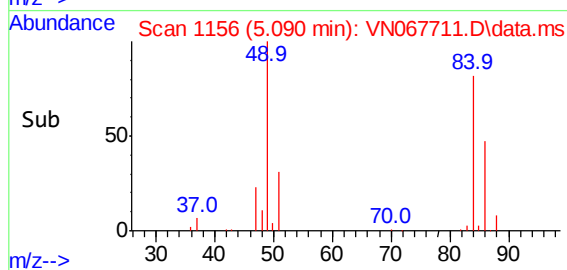
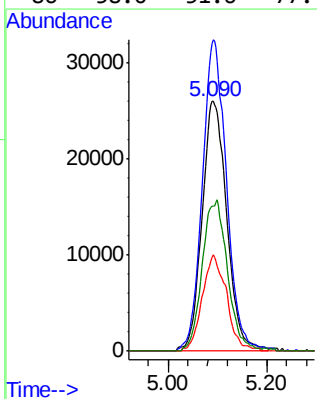
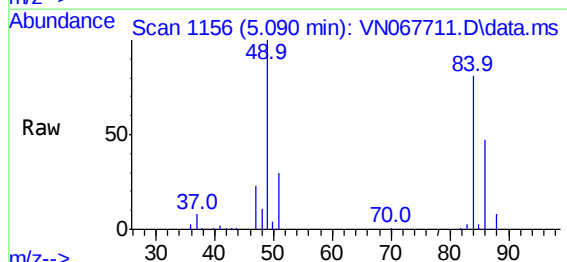
Manual Integrations
APPROVED

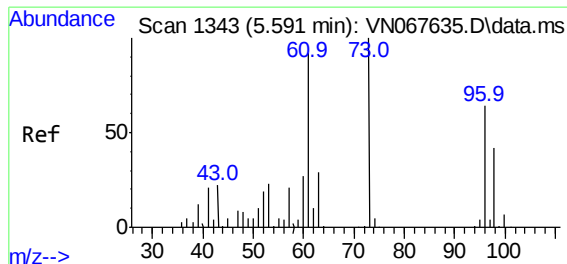
MMDadoda
7/15/2021 1:17:28 PM



#20
Methylene Chloride
Concen: 20.67 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 84 Resp: 89394
Ion Ratio Lower Upper
84 100
49 123.4 110.9 166.3
51 37.6 32.6 49.0
86 58.0 51.6 77.4





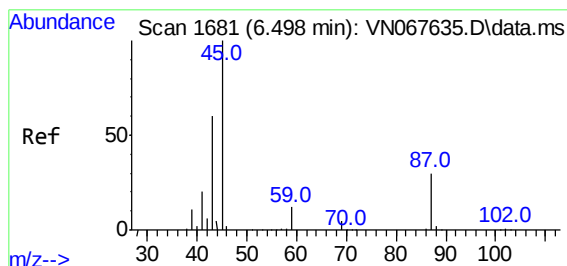
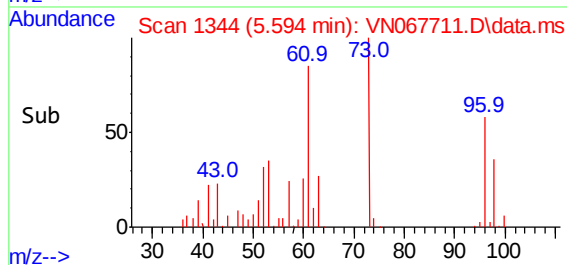
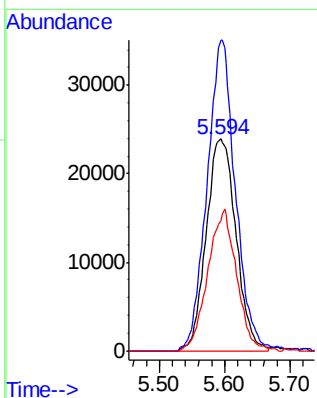
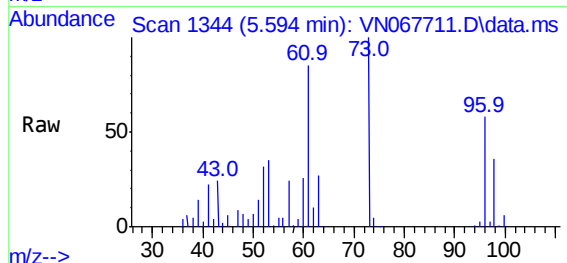
#21
trans-1,2-Dichloroethene
Concen: 18.85 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 96 Resp: 75674
Ion Ratio Lower Upper
96 100
61 146.8 123.5 185.3
98 61.8 48.6 72.8

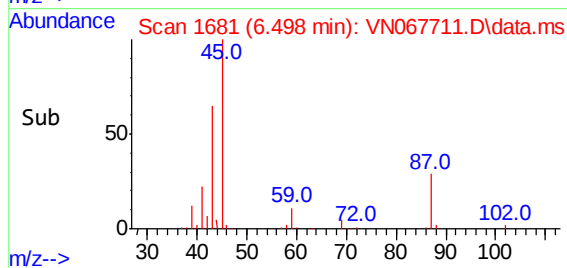
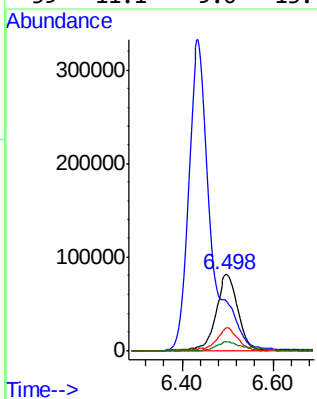
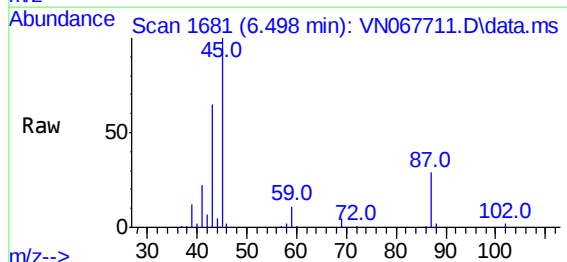
Manual Integrations
APPROVED

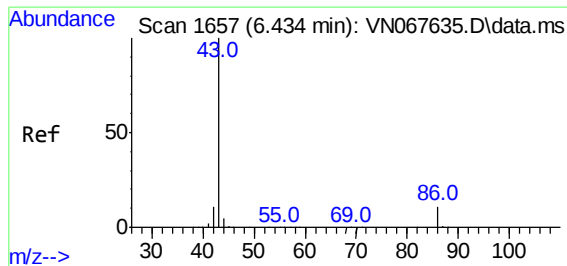
MMDadoda
7/15/2021 1:17:28 PM



#22
Diisopropyl ether
Concen: 18.86 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 45 Resp: 267168
Ion Ratio Lower Upper
45 100
43 62.8 49.4 74.2
87 29.0 20.9 31.3
59 11.1 9.0 13.4





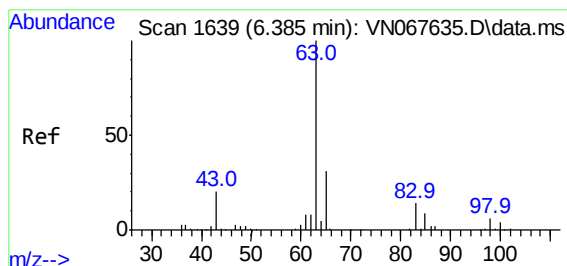
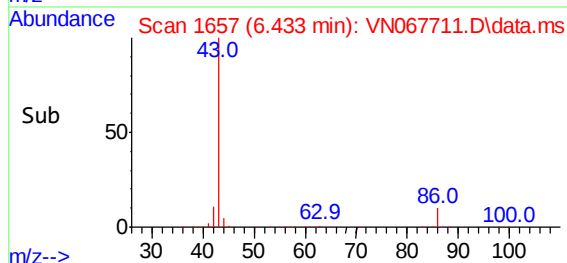
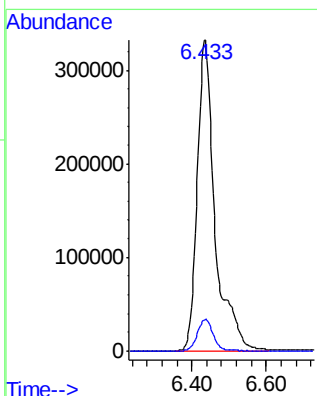
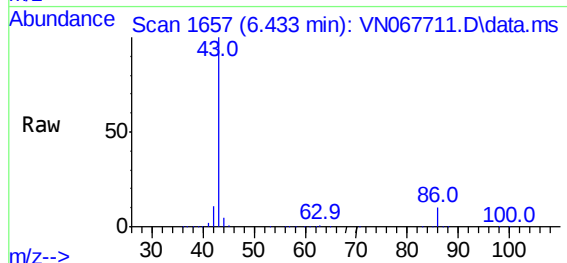
#23
 Vinyl Acetate
 Concen: 91.17 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.001 min
 Lab File: VN067711.D
 Acq: 13 Jul 2021 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01

Manual Integrations
 APPROVED

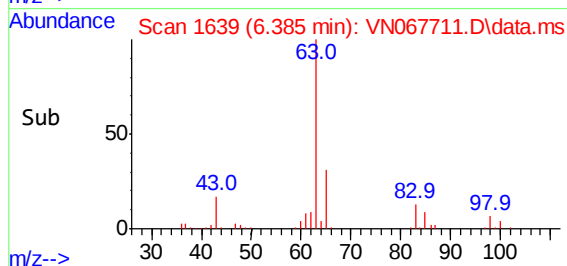
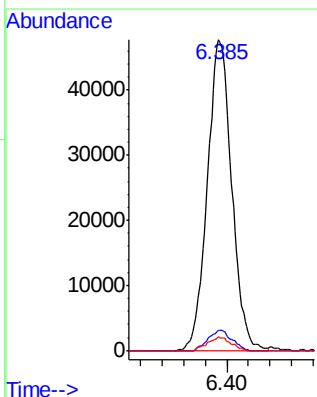
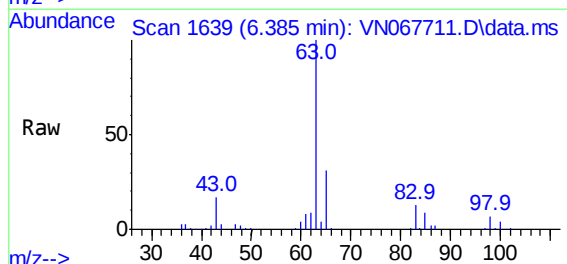
MMDadoda
 7/15/2021 1:17:28 PM

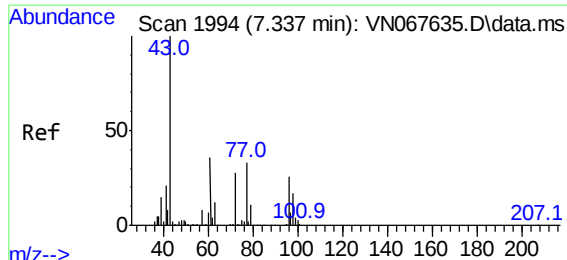
Tgt Ion: 43 Resp: 1104196
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.85 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN067711.D
 Acq: 13 Jul 2021 12:11

Tgt Ion: 63 Resp: 148837
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.0
 100 4.3 1.9 5.7





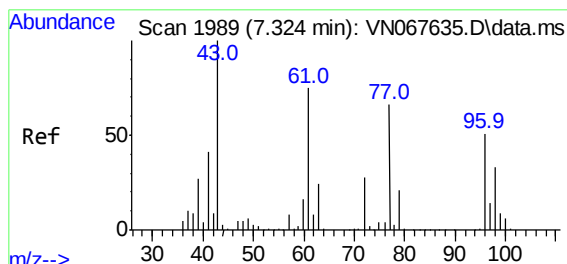
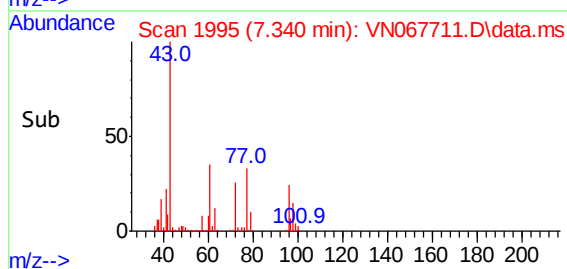
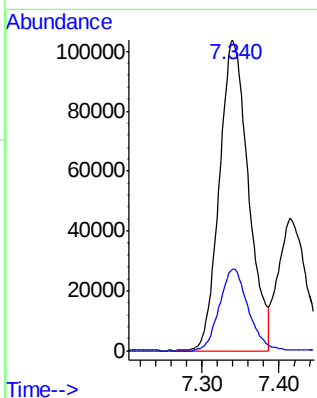
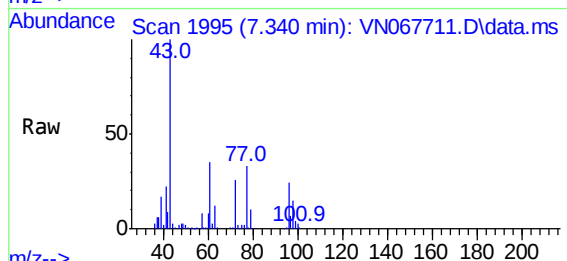
#25
2-Butanone
Concen: 90.10 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 43 Resp: 271759
Ion Ratio Lower Upper
43 100
72 26.3 19.7 29.5

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

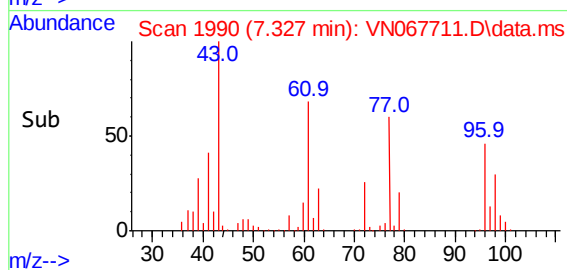
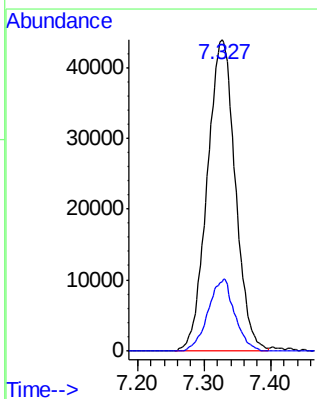
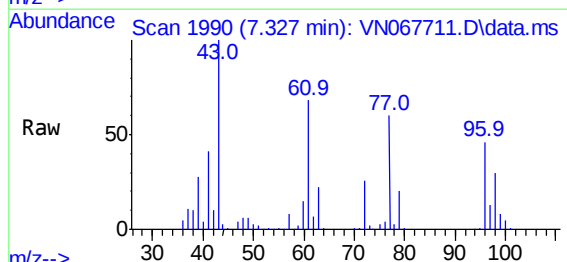
Manual Integrations
APPROVED

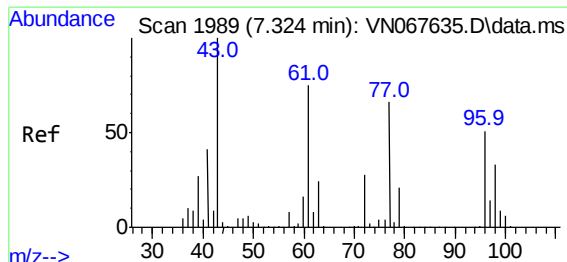
MMDadoda
7/15/2021 1:17:28 PM



#26
2,2-Dichloropropane
Concen: 18.61 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 77 Resp: 128454
Ion Ratio Lower Upper
77 100
97 21.6 9.8 29.3



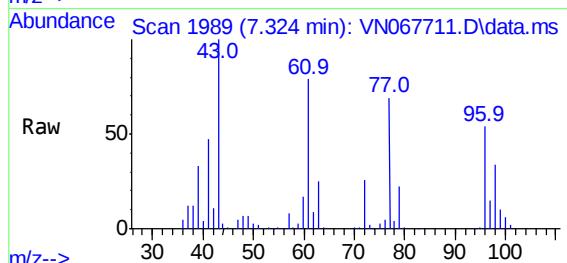


#27
 cis-1,2-Dichloroethene
 Concen: 18.19 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.000 min
 Lab File: VN067711.D
 Acq: 13 Jul 2021 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01

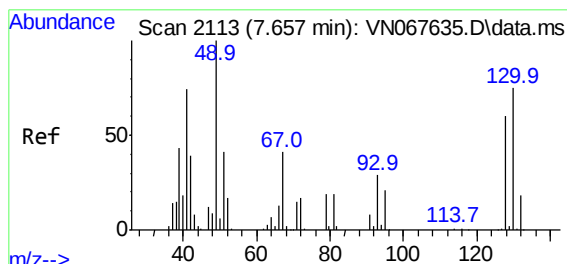
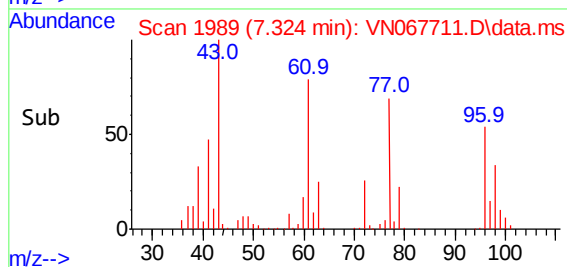
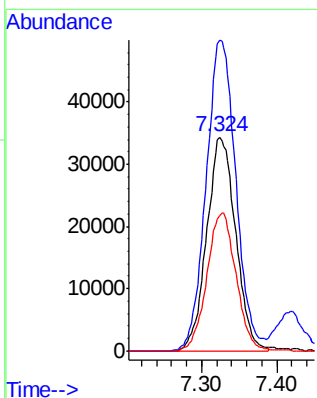
Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:17:28 PM



Tgt Ion: 96 Resp: 91406

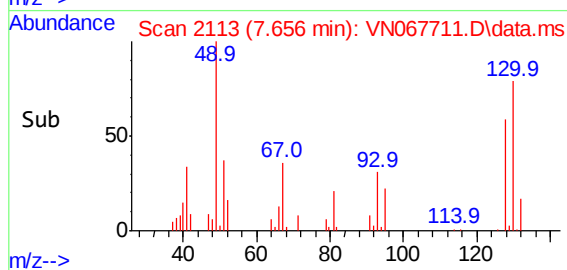
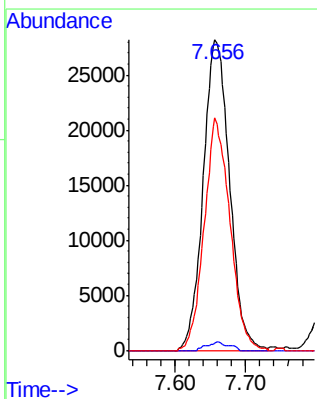
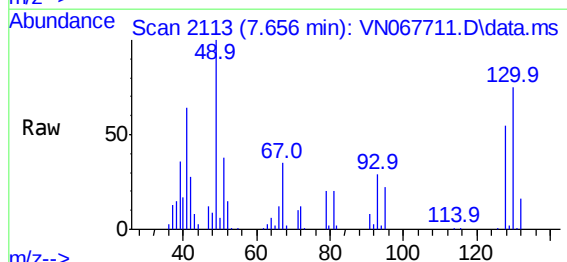
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	338.8
98	64.8	0.0	129.8

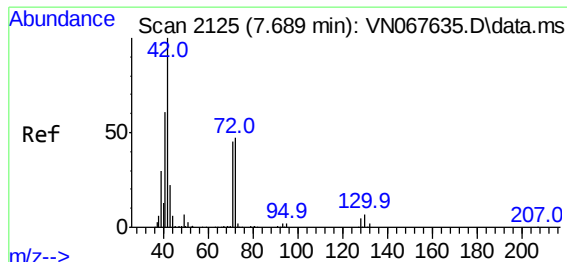


#28
 Bromochloromethane
 Concen: 18.86 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. -0.001 min
 Lab File: VN067711.D
 Acq: 13 Jul 2021 12:11

Tgt Ion: 49 Resp: 72685

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	73.2	49.7	74.5





#29
Tetrahydrofuran
Concen: 89.80 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

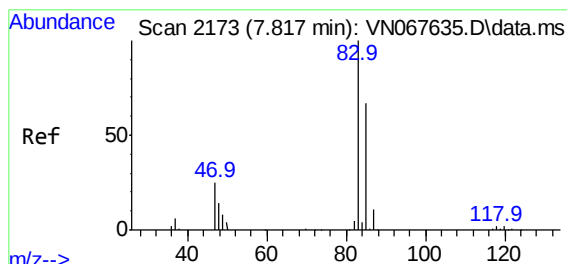
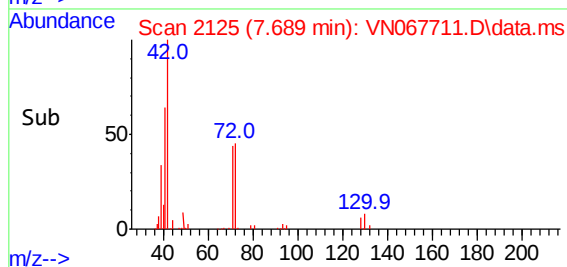
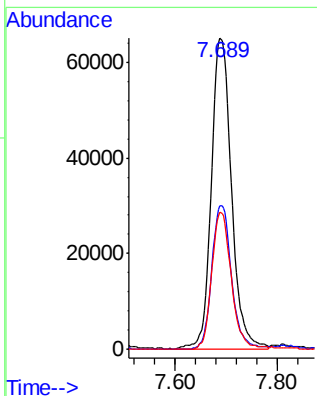
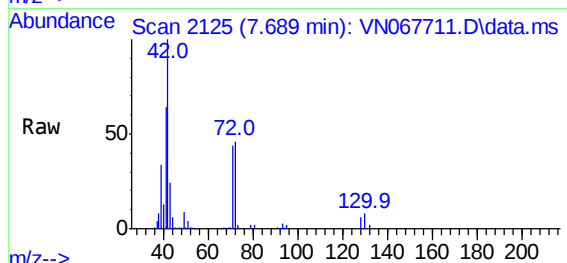
Tgt Ion: 42 Resp: 178108

Ion	Ratio	Lower	Upper
42	100		
72	44.8	32.8	49.2
71	42.5	31.2	46.8

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

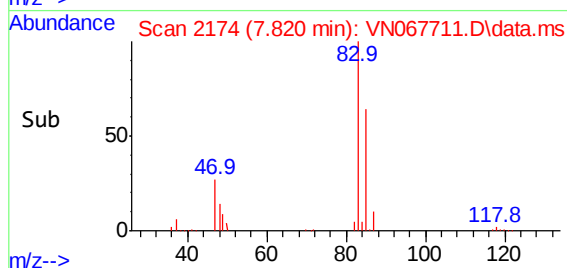
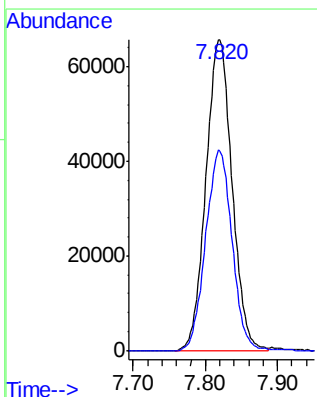
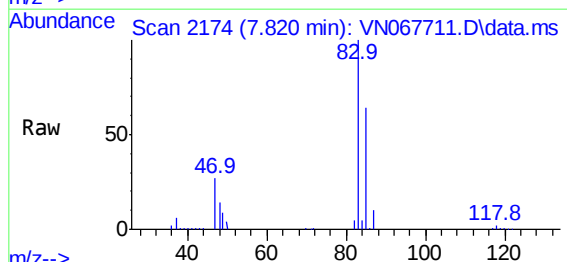
MMDadoda
7/15/2021 1:17:28 PM

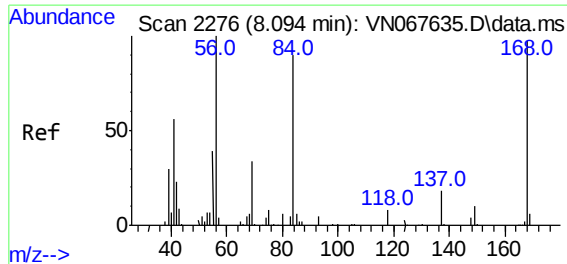


#30
Chloroform
Concen: 18.37 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 83 Resp: 162925

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





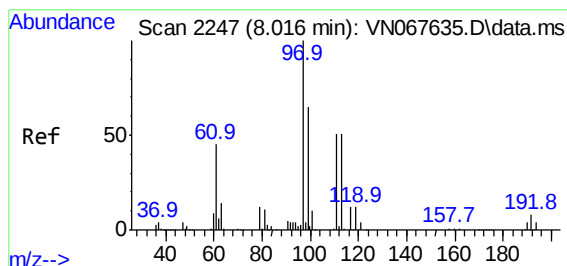
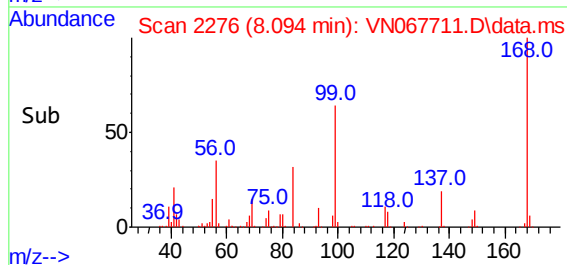
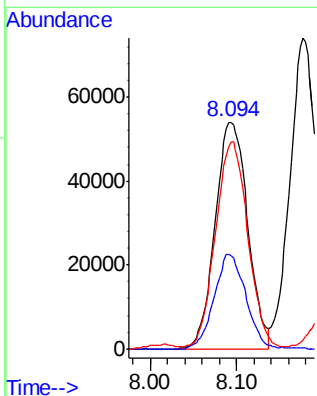
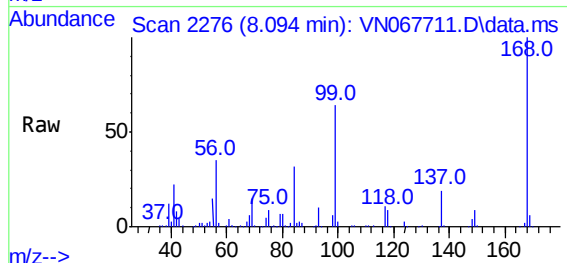
#31
Cyclohexane
Concen: 17.40 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 56 Resp: 140870
Ion Ratio Lower Upper
56 100
69 41.0 27.3 40.9#
84 90.3 64.9 97.3

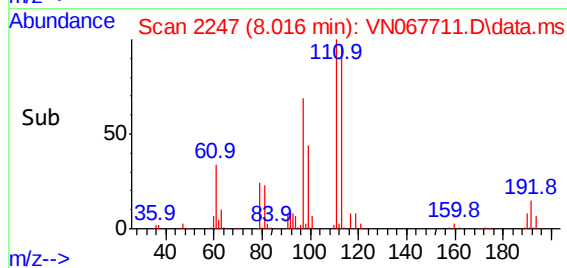
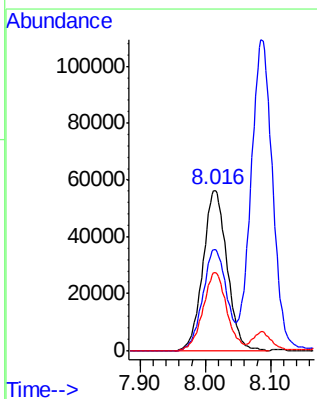
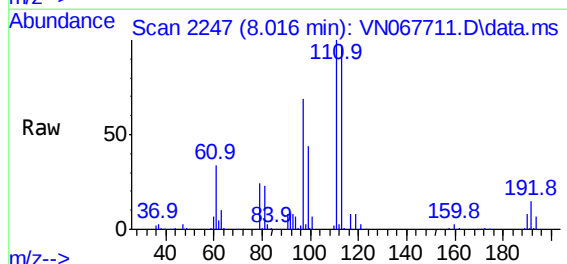
Manual Integrations
APPROVED

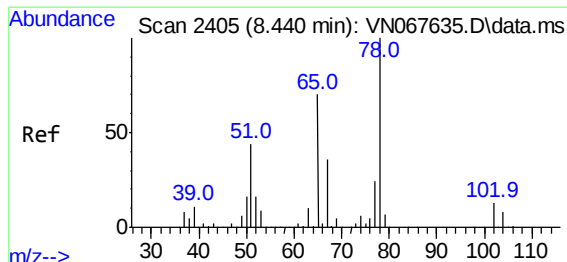
MMDadoda
7/15/2021 1:17:28 PM



#32
1,1,1-Trichloroethane
Concen: 18.62 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 97 Resp: 143236
Ion Ratio Lower Upper
97 100
99 63.4 50.2 75.2
61 48.2 38.2 57.2





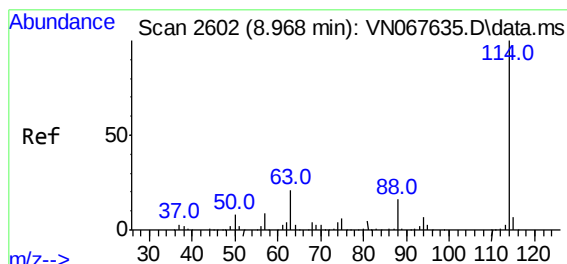
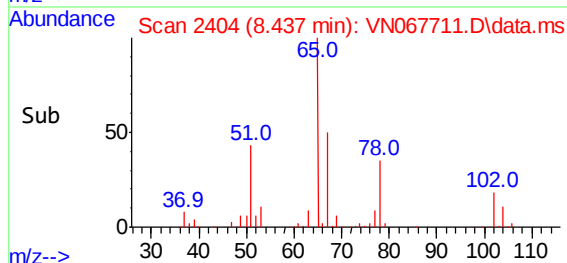
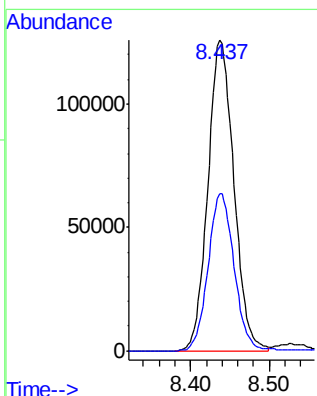
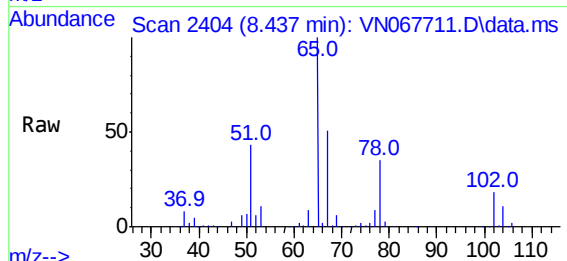
#33
 1,2-Dichloroethane-d4
 Concen: 50.03 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. -0.003 min
 Lab File: VN067711.D
 Acq: 13 Jul 2021 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01

Tgt Ion: 65 Resp: 288782
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 98.6

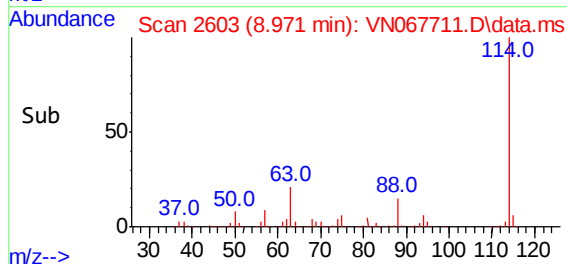
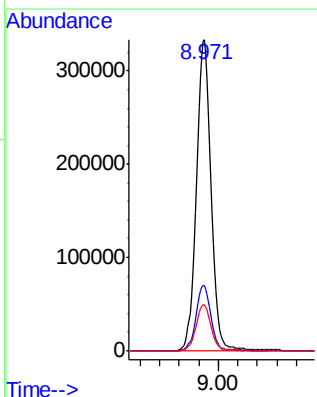
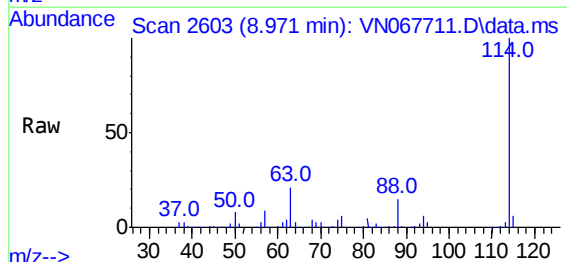
Manual Integrations
 APPROVED

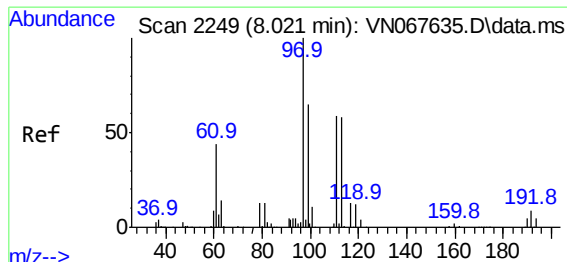
MMDadoda
 7/15/2021 1:17:28 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN067711.D
 Acq: 13 Jul 2021 12:11

Tgt Ion: 114 Resp: 700122
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 49.0
 88 14.8 0.0 36.6





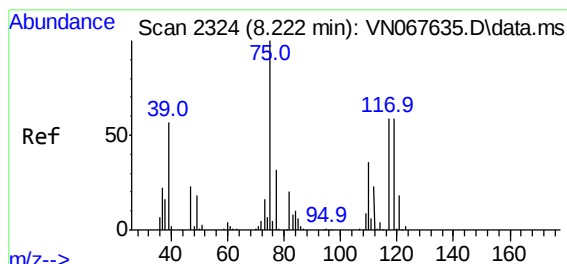
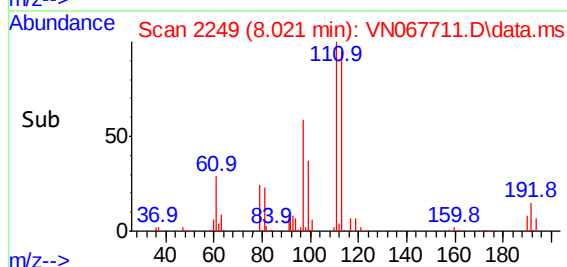
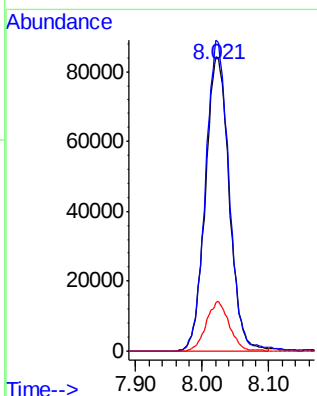
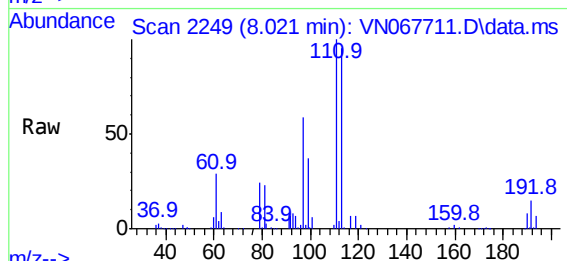
#35
Dibromofluoromethane
Concen: 49.39 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 113 Resp: 208928
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.8
192 16.1 13.4 20.0

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

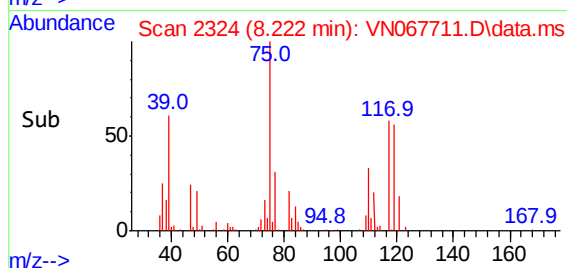
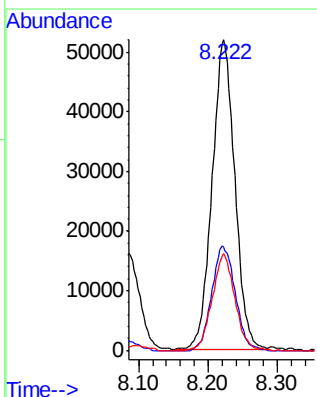
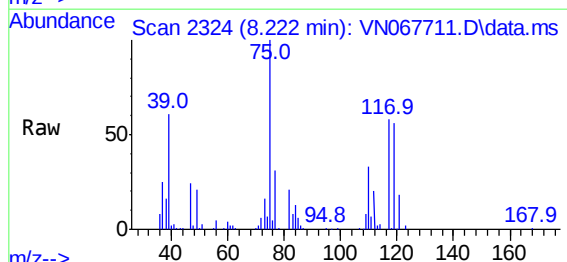
Manual Integrations
APPROVED

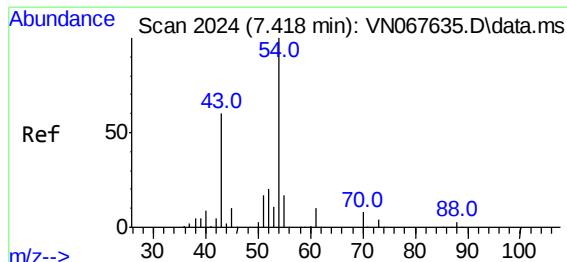
MMDadoda
7/15/2021 1:17:28 PM



#36
1,1-Dichloropropene
Concen: 18.16 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 75 Resp: 118084
Ion Ratio Lower Upper
75 100
110 34.8 15.7 47.0
77 31.2 24.6 37.0





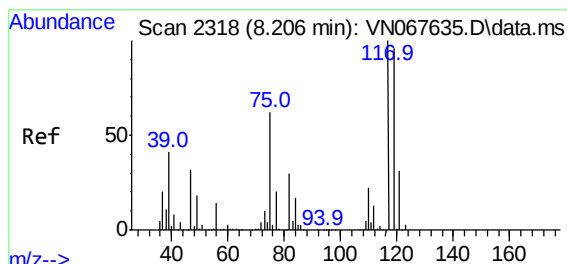
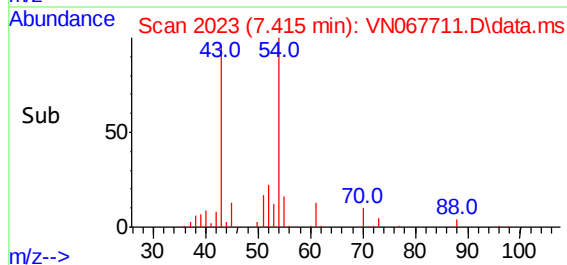
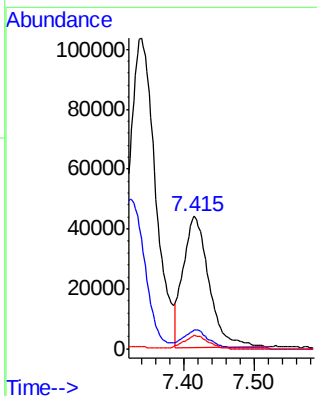
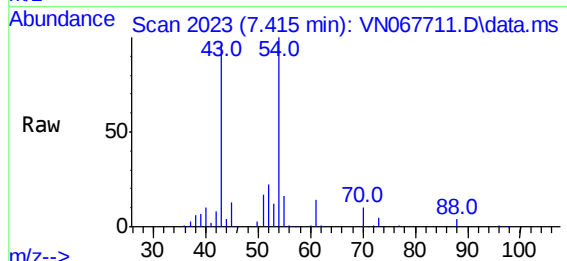
#37
Ethyl Acetate
Concen: 17.58 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 43 Resp: 110754
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 9.6 8.1 12.1

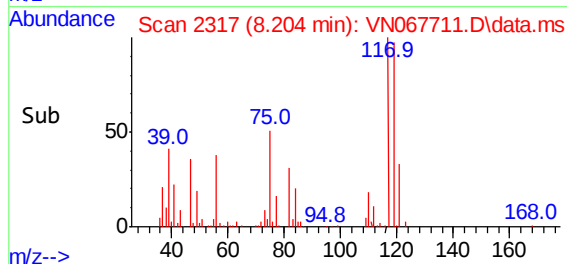
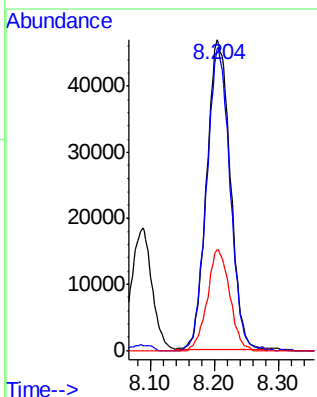
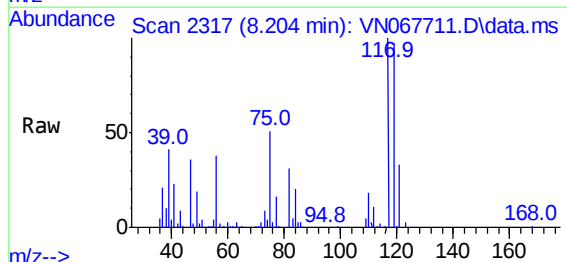
Manual Integrations
APPROVED

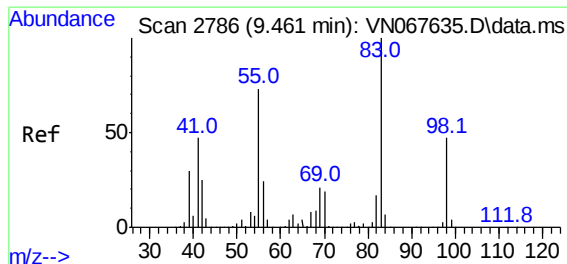
MMDadoda
7/15/2021 1:17:28 PM



#38
Carbon Tetrachloride
Concen: 18.43 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 117 Resp: 118216
Ion Ratio Lower Upper
117 100
119 97.5 75.4 113.2
121 32.7 23.5 35.3



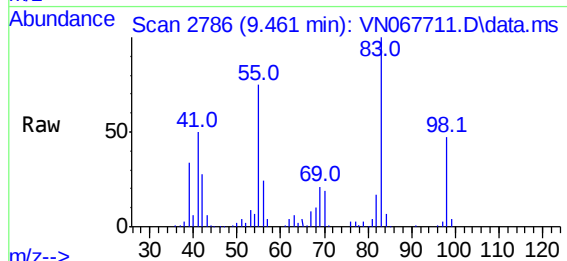


#39
Methylcyclohexane
Concen: 18.88 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

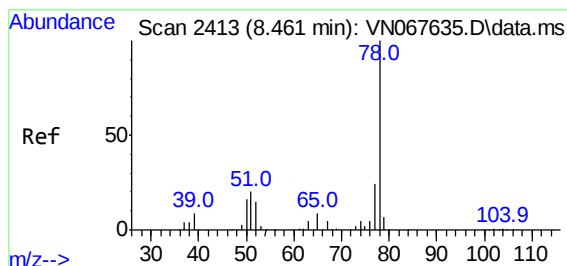
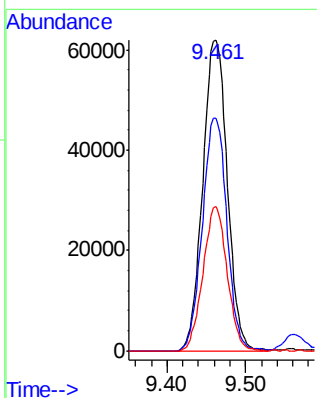
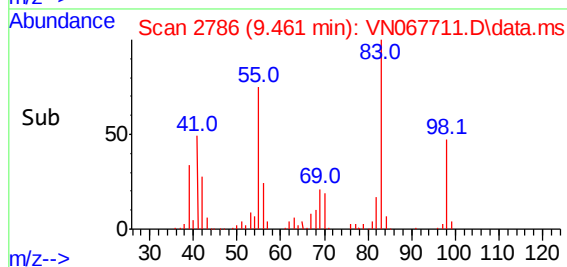
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

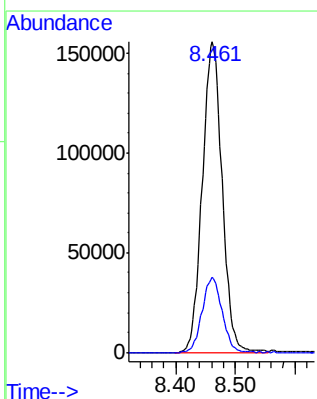
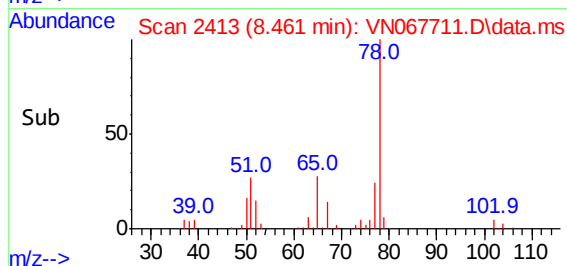
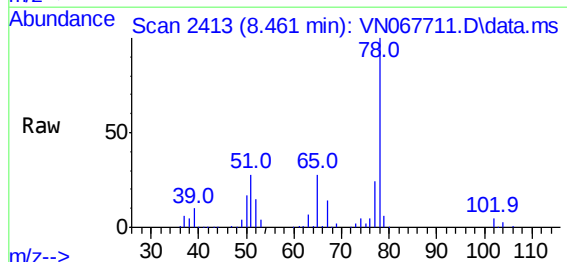


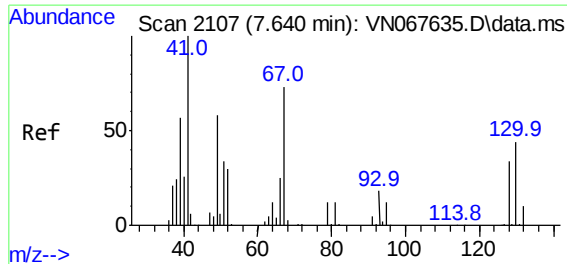
Tgt Ion: 83 Resp: 134400
Ion Ratio Lower Upper
83 100
55 75.0 66.6 99.8
98 46.6 35.3 52.9



#40
Benzene
Concen: 18.42 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 78 Resp: 358669
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3



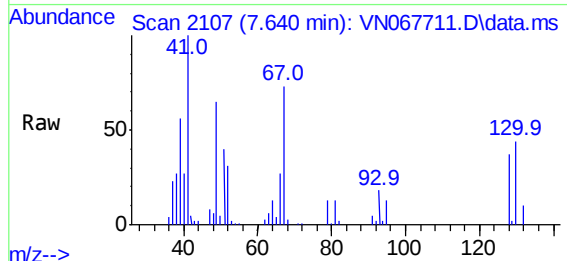


#41
Methacrylonitrile
Concen: 17.77 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

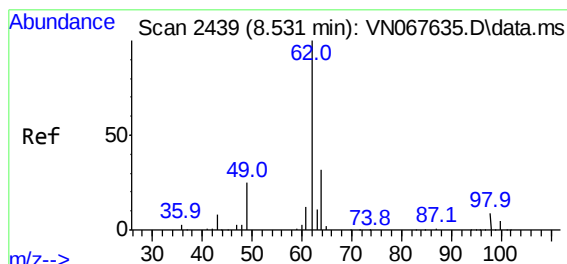
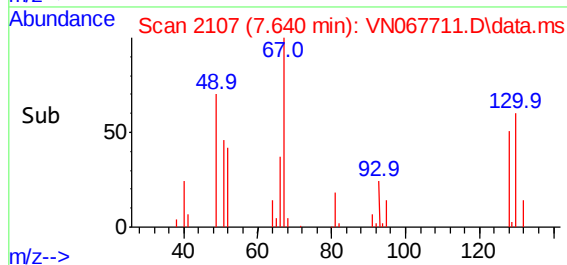
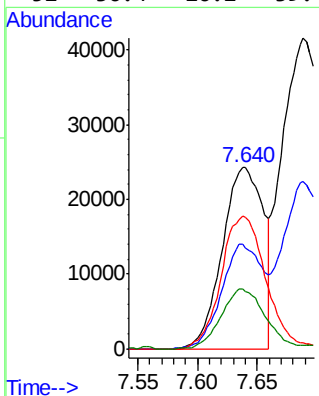
Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM



Tgt Ion: 41 Resp: 57562

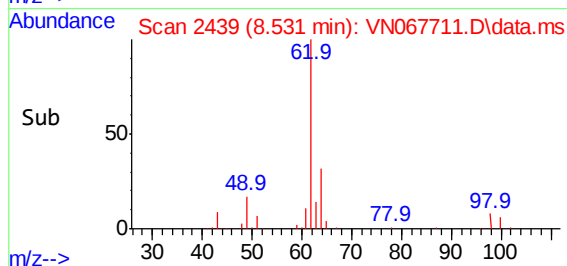
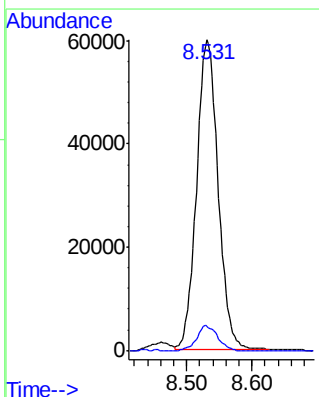
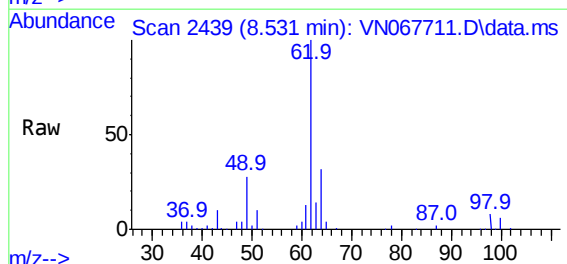
Ion	Ratio	Lower	Upper
41	100		
39	58.0	47.6	71.4
67	80.4	57.7	86.5
52	36.4	26.2	39.4

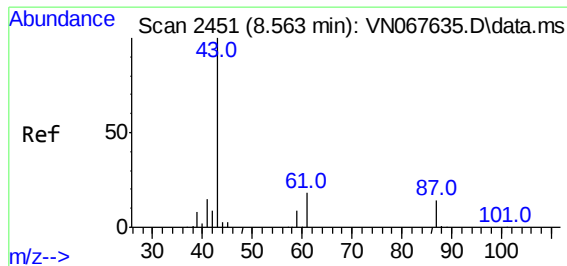


#42
1,2-Dichloroethane
Concen: 18.99 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 62 Resp: 137295

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	14.2



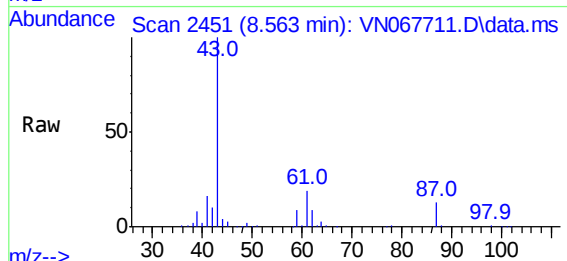


#43
Isopropyl Acetate
Concen: 18.13 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

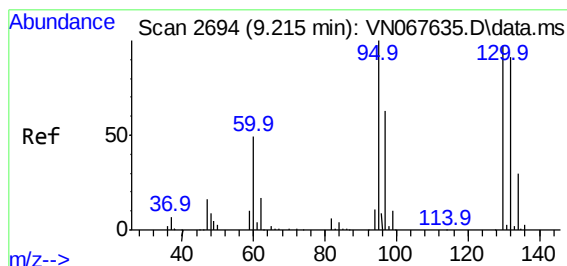
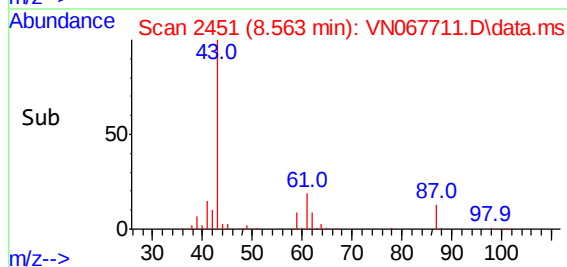
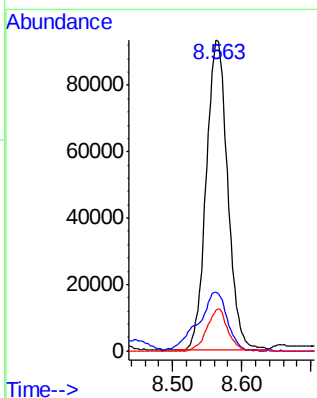
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

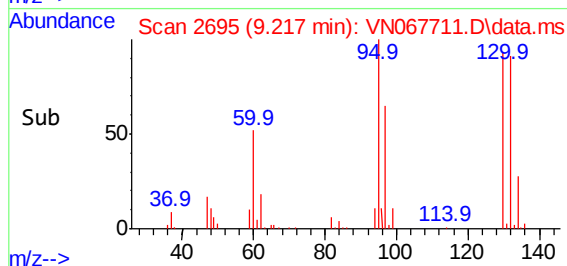
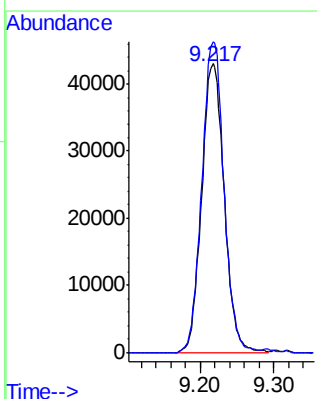
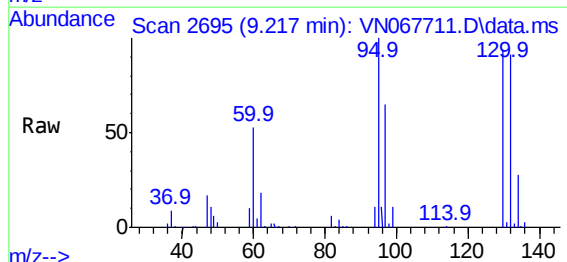


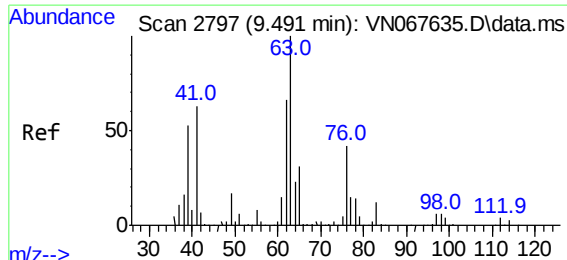
Tgt Ion: 43 Resp: 200919
Ion Ratio Lower Upper
43 100
61 25.5 19.0 28.4
87 13.0 9.5 14.3



#44
Trichloroethene
Concen: 18.46 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:130 Resp: 91219
Ion Ratio Lower Upper
130 100
95 107.5 0.0 234.4



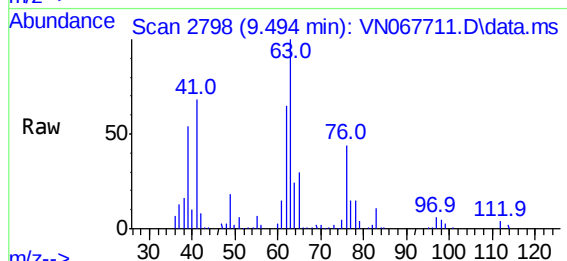


#45
1,2-Dichloropropane
Concen: 18.60 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

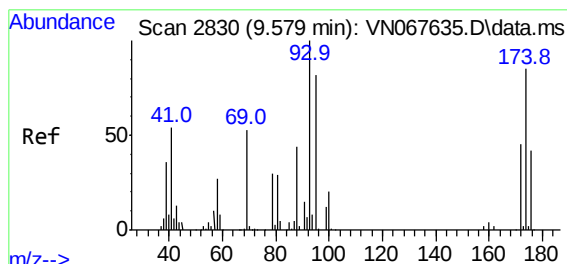
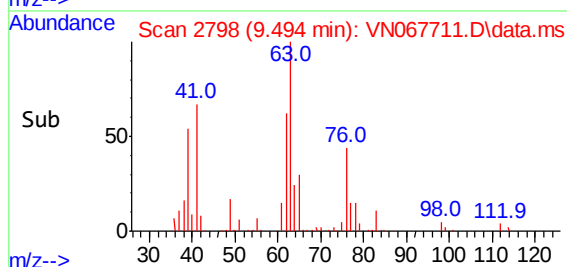
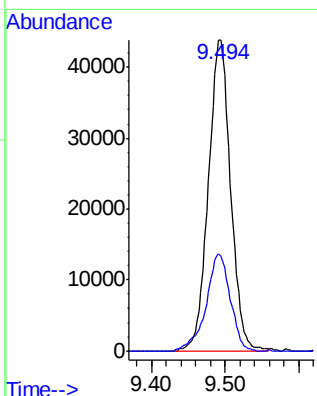
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

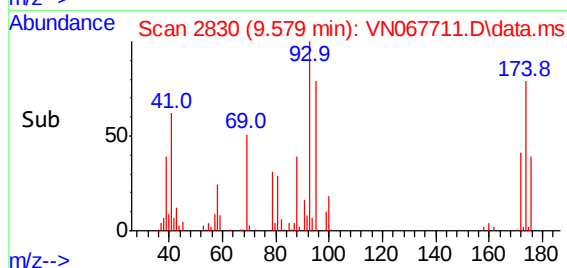
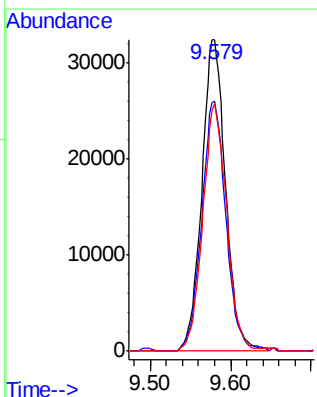
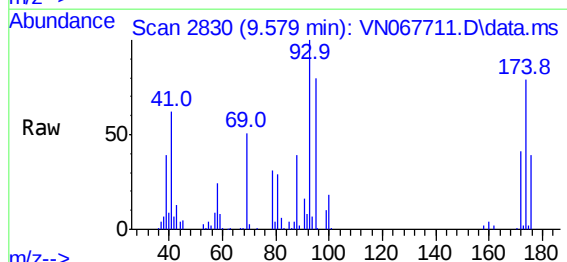


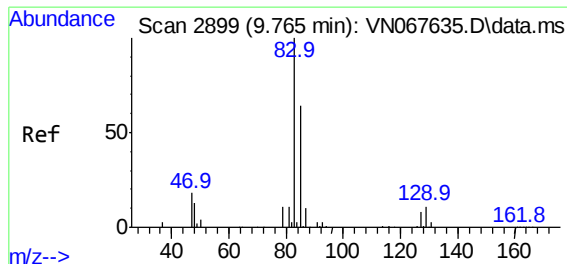
Tgt Ion: 63 Resp: 91670
Ion Ratio Lower Upper
63 100
65 30.1 24.3 36.5



#46
Dibromomethane
Concen: 18.92 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 93 Resp: 66153
Ion Ratio Lower Upper
93 100
95 81.8 66.1 99.1
174 79.8 61.0 91.4





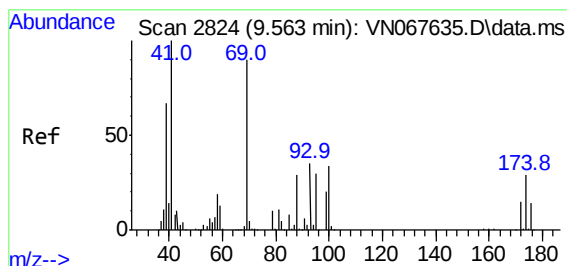
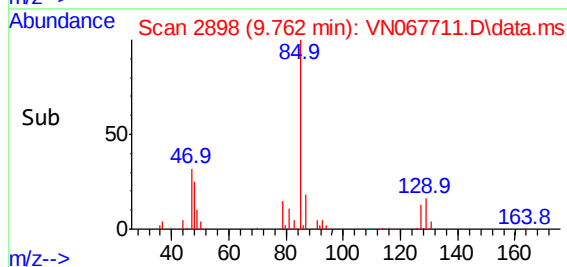
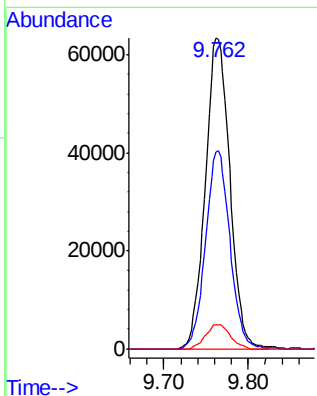
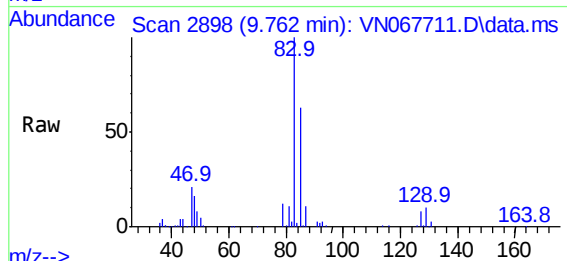
#47
Bromodichloromethane
Concen: 18.71 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 83 Resp: 127922
Ion Ratio Lower Upper
83 100
85 63.3 49.9 74.9
127 7.9 6.1 9.1

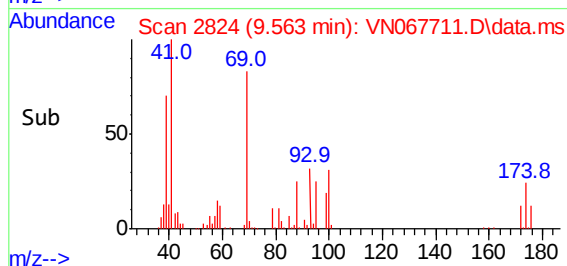
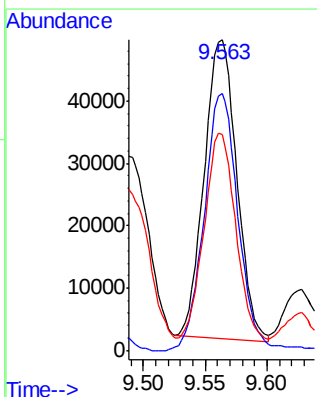
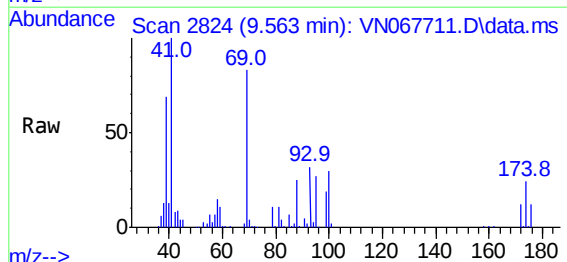
Manual Integrations
APPROVED

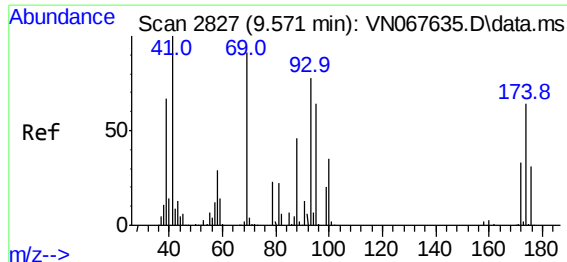
MMDadoda
7/15/2021 1:17:28 PM



#48
Methyl methacrylate
Concen: 17.87 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

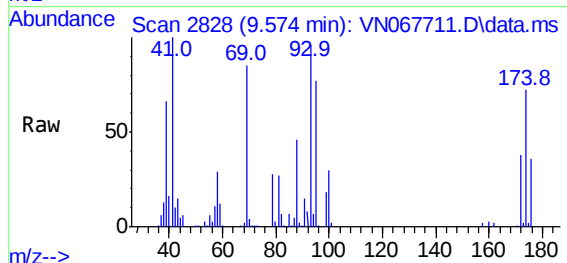
Tgt Ion: 41 Resp: 87620
Ion Ratio Lower Upper
41 100
69 89.4 64.6 96.8
39 74.5 53.3 79.9





#49
1,4-Dioxane
Concen: 337.02 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampled :
VN0713WBS01

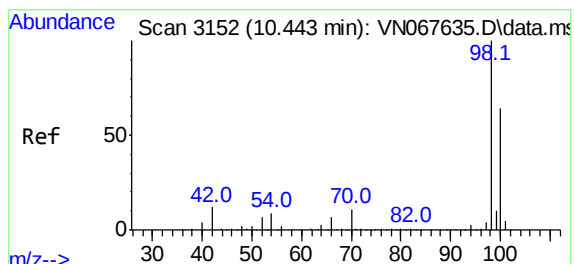
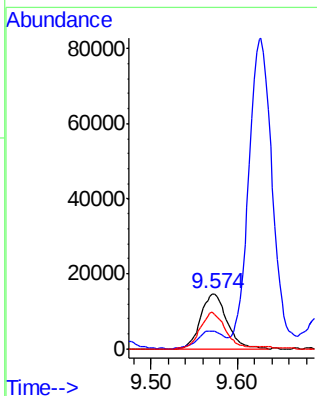
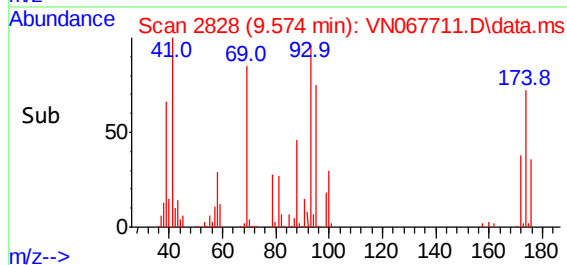


Tgt Ion: 88 Resp: 30725

Ion	Ratio	Lower	Upper
88	100		
43	33.6	28.8	43.2
58	63.5	60.4	90.6

Manual Integrations
APPROVED

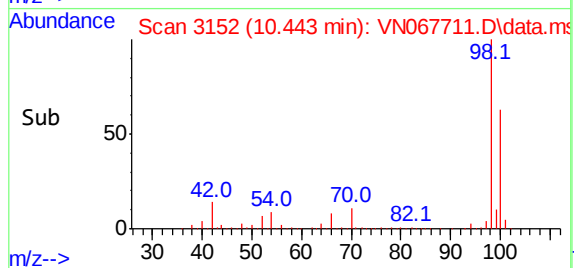
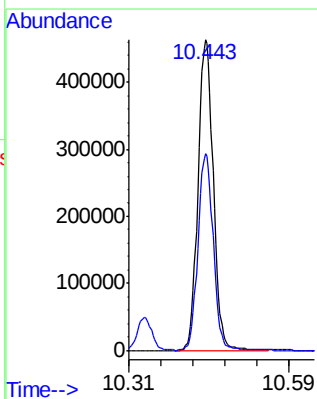
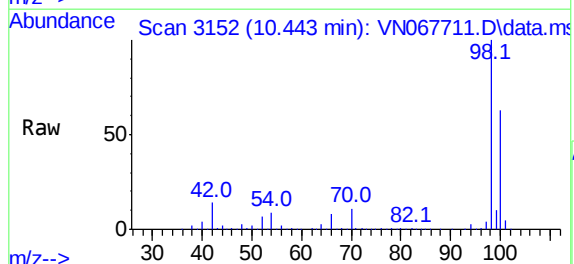
MMDadoda
7/15/2021 1:17:28 PM

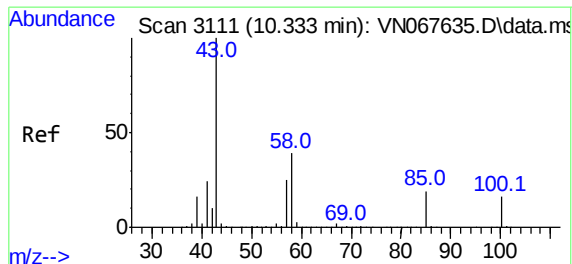


#50
Toluene-d8
Concen: 49.32 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 98 Resp: 873324

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.7	77.5





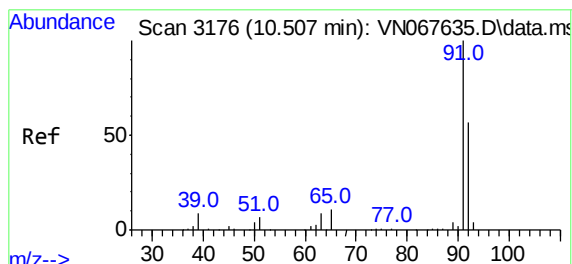
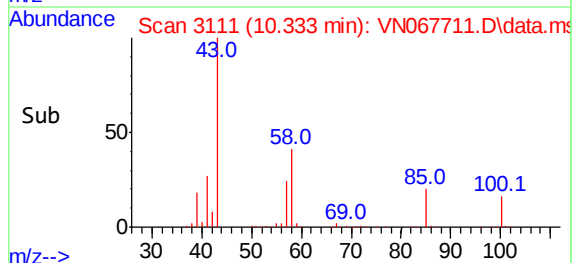
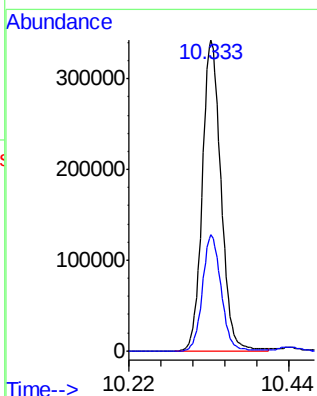
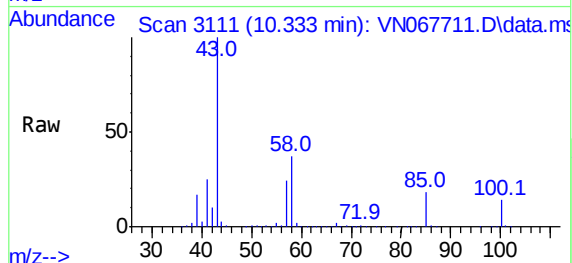
#51
4-Methyl-2-Pentanone
Concen: 92.04 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 43 Resp: 626757
Ion Ratio Lower Upper
43 100
58 37.3 28.6 43.0

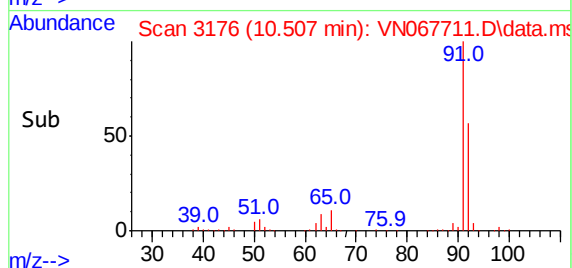
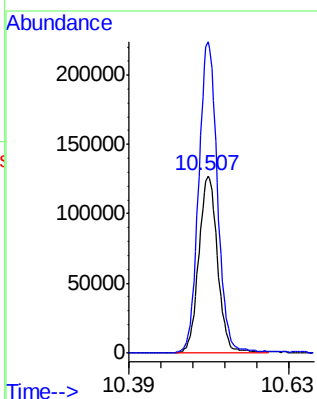
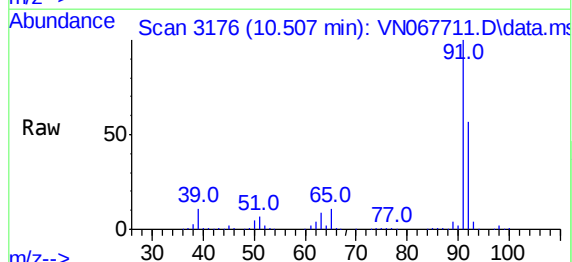
Manual Integrations
APPROVED

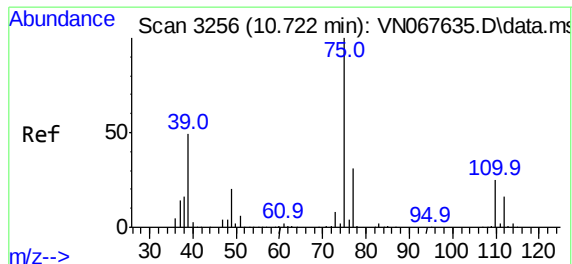
MMDadoda
7/15/2021 1:17:28 PM



#52
Toluene
Concen: 18.97 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 92 Resp: 241854
Ion Ratio Lower Upper
92 100
91 176.6 139.6 209.4



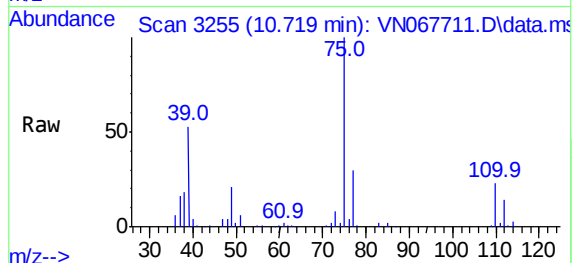


#53
t-1,3-Dichloropropene
Concen: 17.47 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

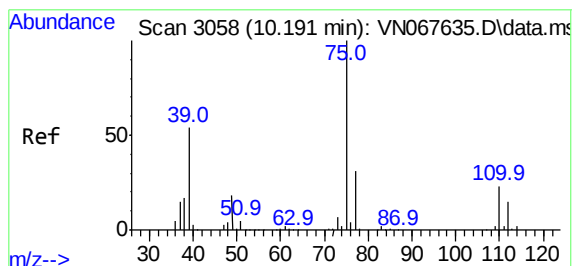
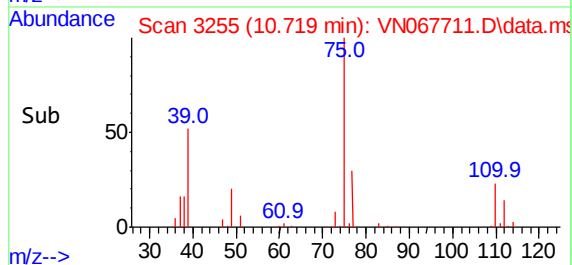
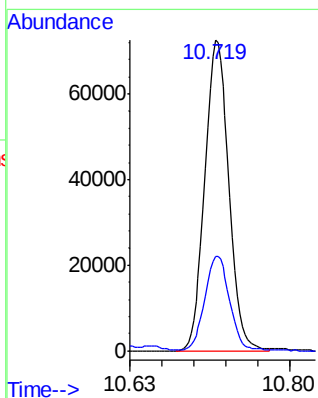
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

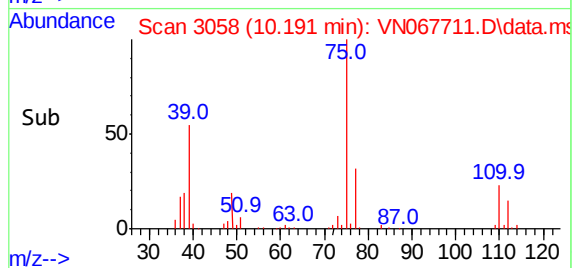
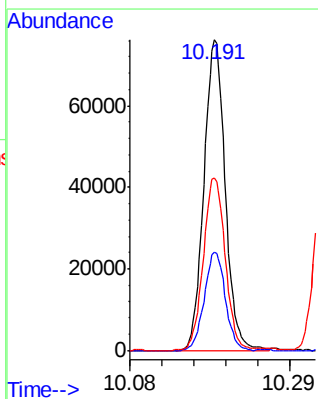
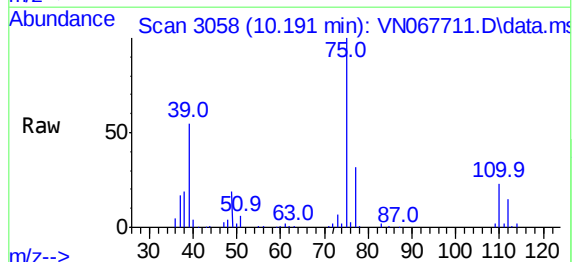


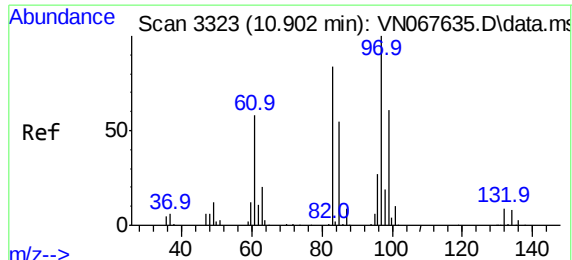
Tgt Ion: 75 Resp: 132740
Ion Ratio Lower Upper
75 100
77 30.0 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.76 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 75 Resp: 142649
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0
39 55.2 50.7 76.1





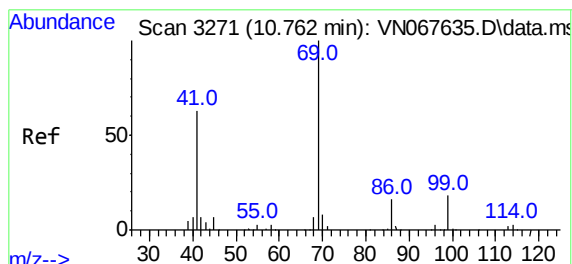
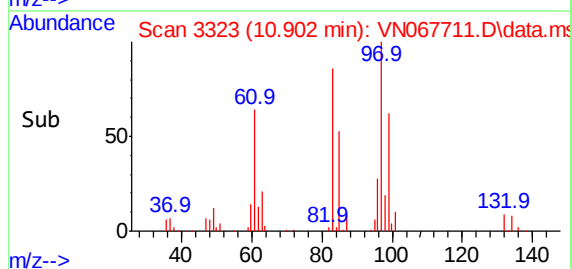
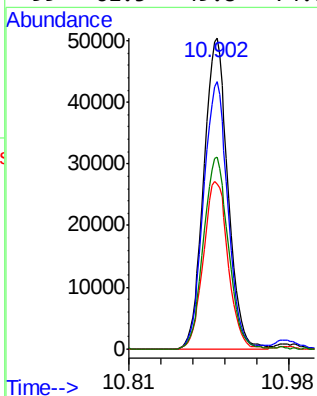
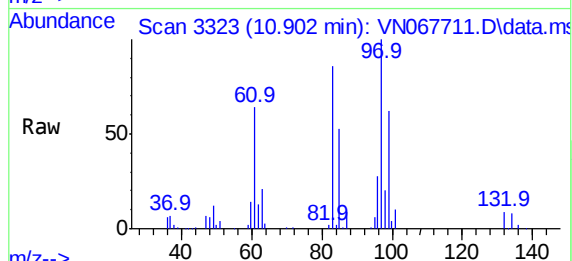
#55
1,1,2-Trichloroethane
Concen: 18.96 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:	97	Resp:	92634
Ion	Ratio	Lower	Upper
97	100		
83	86.0	72.0	108.0
85	53.0	46.8	70.2
99	61.5	49.8	74.6

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

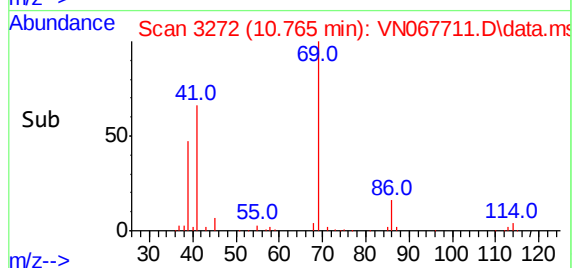
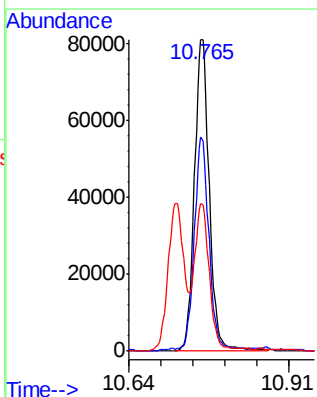
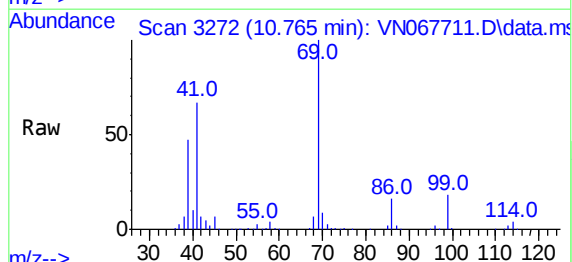
Manual Integrations
APPROVED

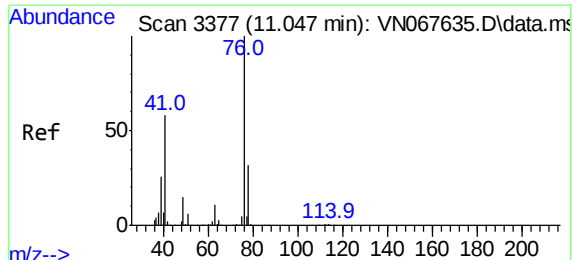
MMDadoda
7/15/2021 1:17:28 PM



#56
Ethyl methacrylate
Concen: 18.42 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

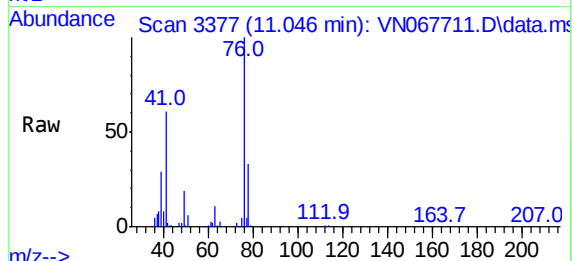
Tgt Ion:	69	Resp:	138686
Ion	Ratio	Lower	Upper
69	100		
41	66.2	58.6	88.0
39	46.1	38.3	57.5





#57
1,3-Dichloropropane
Concen: 18.45 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.001 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

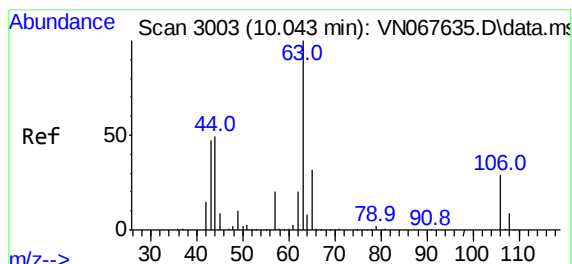
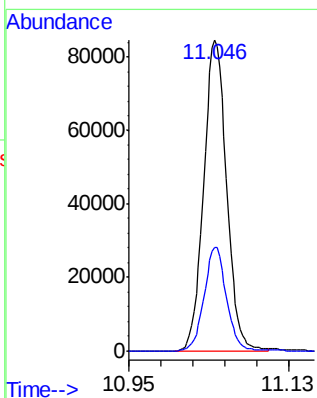
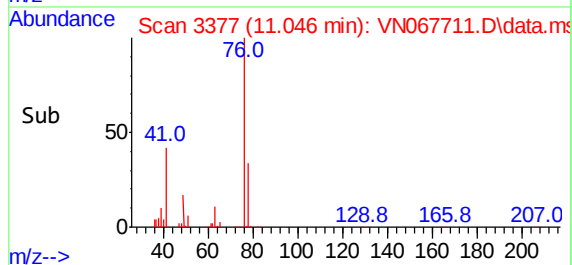
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



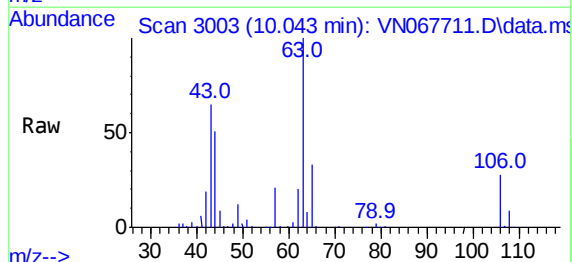
Tgt Ion: 76 Resp: 154644
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5

Manual Integrations
APPROVED

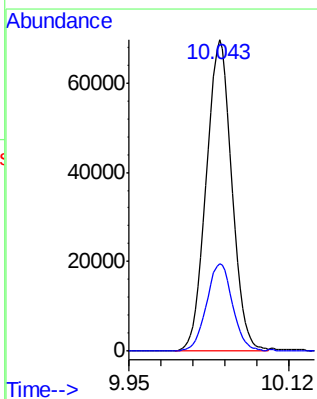
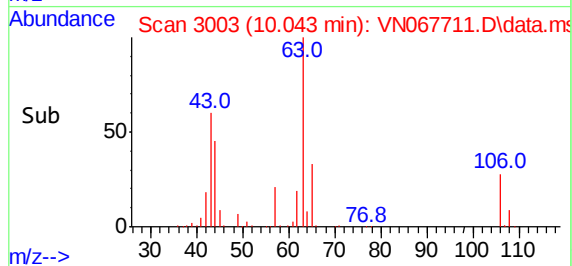
MMDadoda
7/15/2021 1:17:28 PM

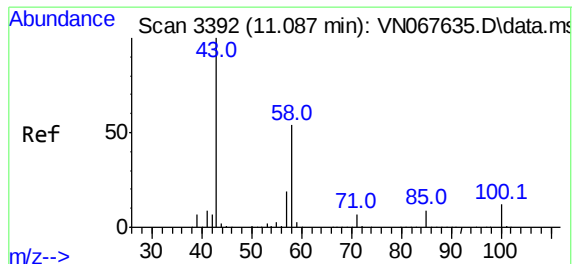


#58
2-Chloroethyl Vinyl ether
Concen: 74.73 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11



Tgt Ion: 63 Resp: 124334
Ion Ratio Lower Upper
63 100
106 28.1 19.8 29.8



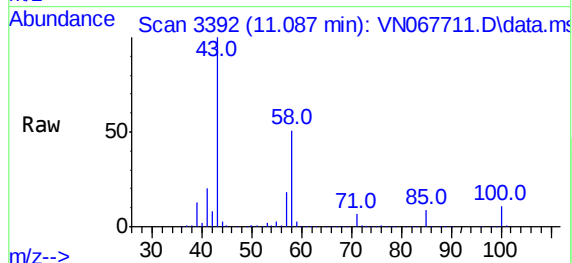


#59
2-Hexanone
Concen: 90.28 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

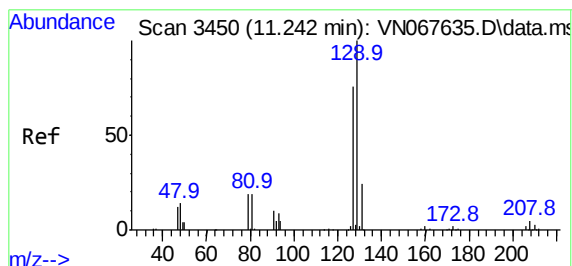
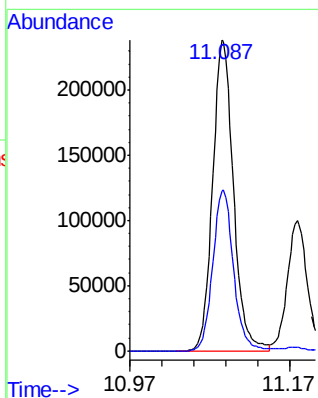
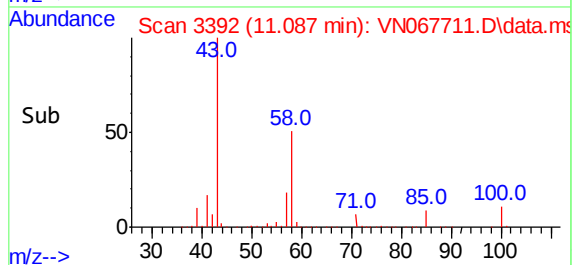
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

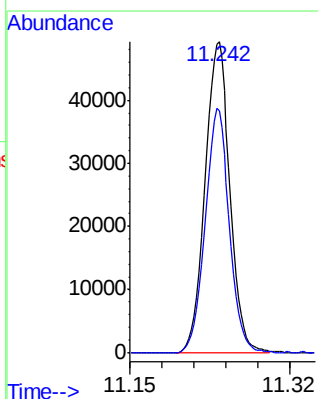
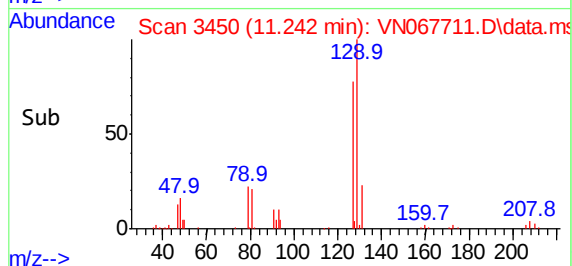
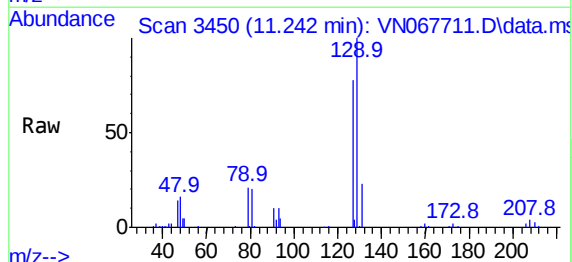


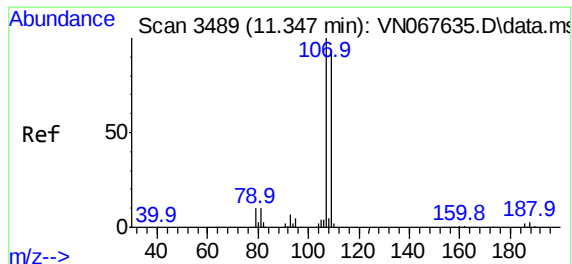
Tgt Ion: 43 Resp: 429114
Ion Ratio Lower Upper
43 100
58 51.4 24.7 74.1



#60
Dibromochloromethane
Concen: 16.85 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 129 Resp: 91239
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





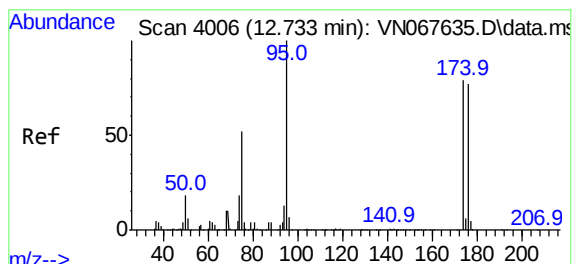
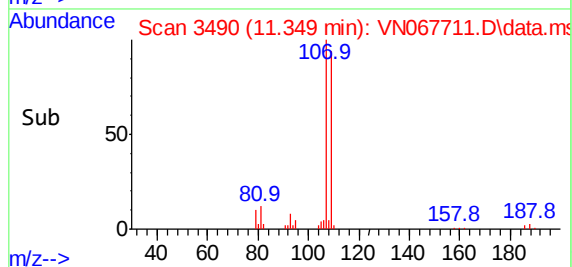
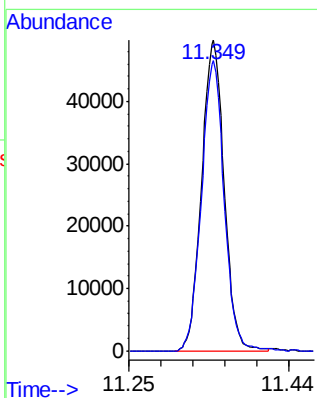
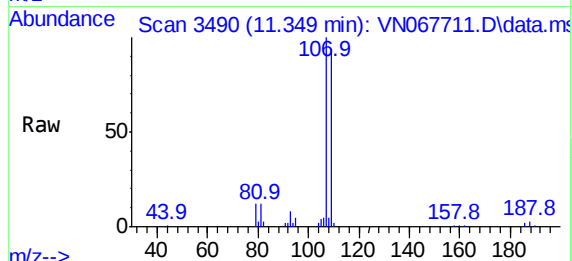
#61
1,2-Dibromoethane
Concen: 18.57 ug/l
RT: 11.349 min Scan# 3490
Delta R.T. 0.002 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:107 Resp: 92649
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.4

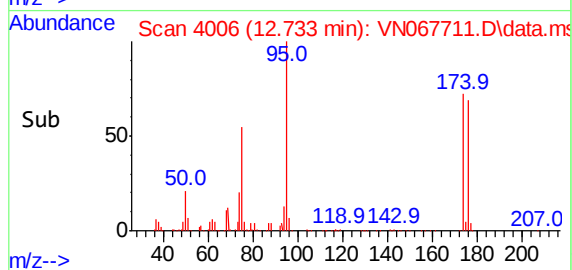
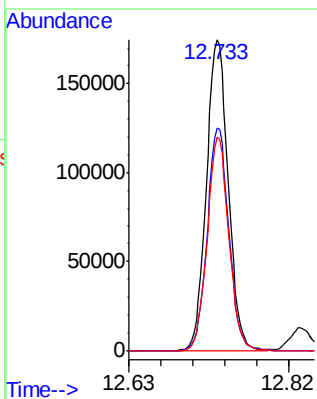
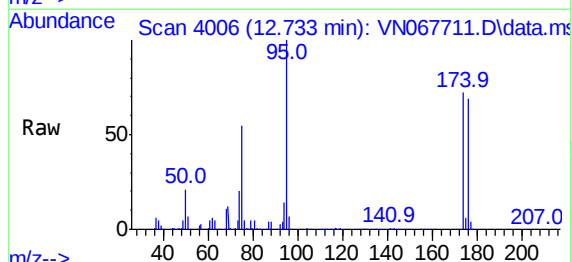
Manual Integrations
APPROVED

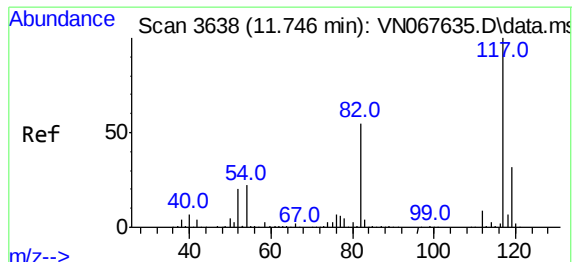
MMDadoda
7/15/2021 1:17:28 PM



#62
4-Bromofluorobenzene
Concen: 48.51 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 95 Resp: 303430
Ion Ratio Lower Upper
95 100
174 71.0 0.0 122.0
176 67.7 0.0 117.6





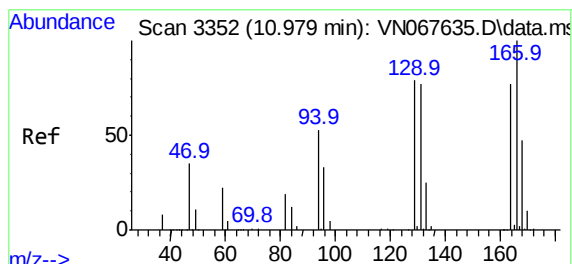
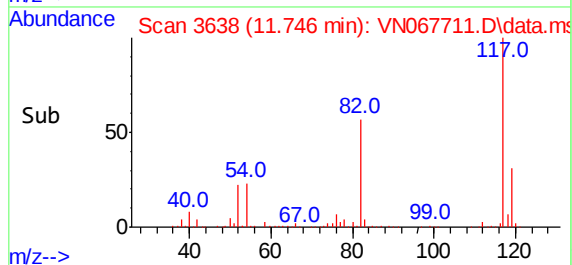
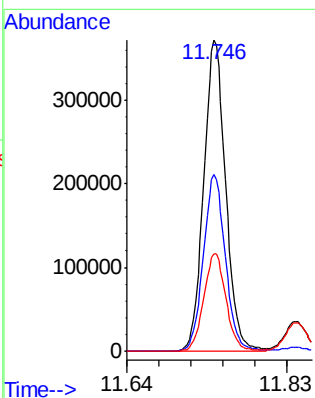
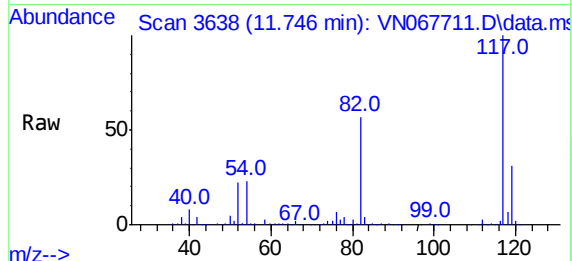
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:117 Resp: 667596
Ion Ratio Lower Upper
117 100
82 56.6 53.1 79.7
119 31.1 25.5 38.3

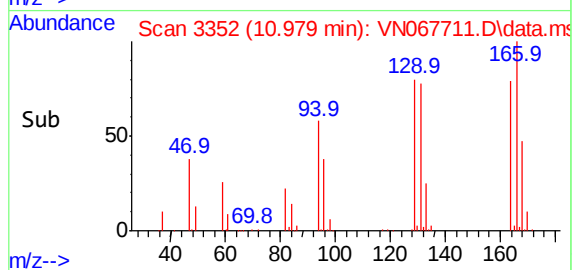
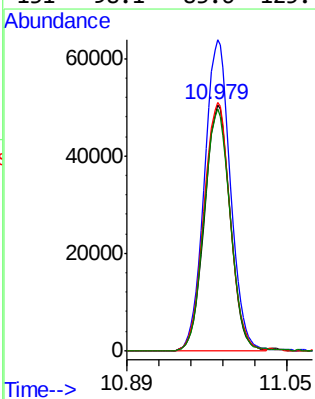
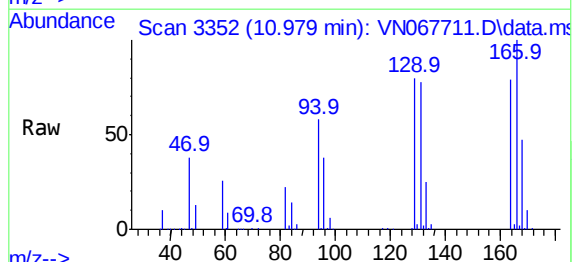
Manual Integrations
APPROVED

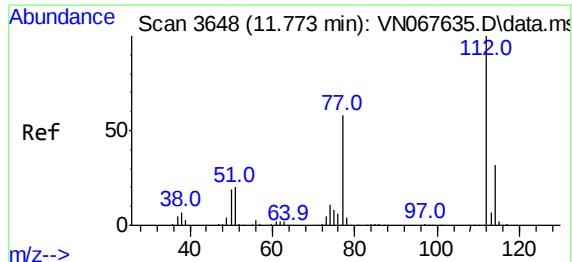
MMDadoda
7/15/2021 1:17:28 PM



#64
Tetrachloroethene
Concen: 19.17 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:164 Resp: 90333
Ion Ratio Lower Upper
164 100
166 126.3 102.1 153.1
129 100.8 86.9 130.3
131 98.1 83.6 125.4





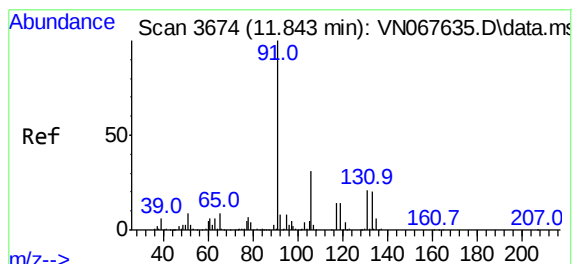
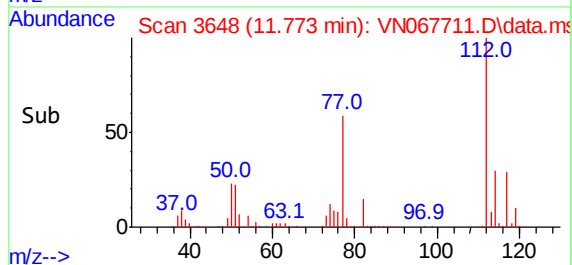
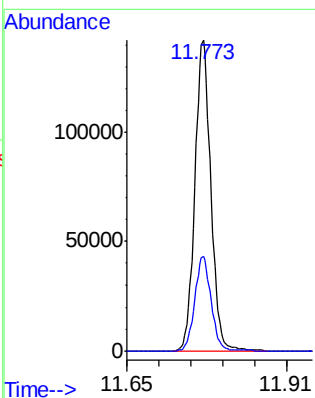
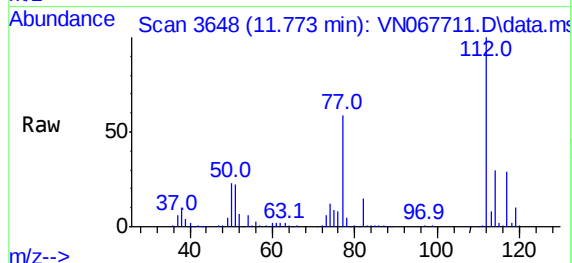
#65
Chlorobenzene
Concen: 18.52 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:112 Resp: 253965
Ion Ratio Lower Upper
112 100
114 30.4 24.6 37.0

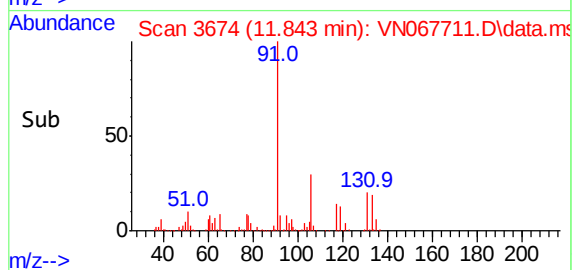
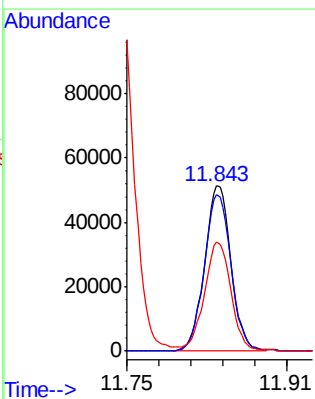
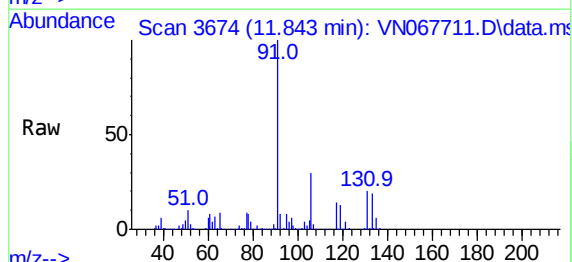
Manual Integrations
APPROVED

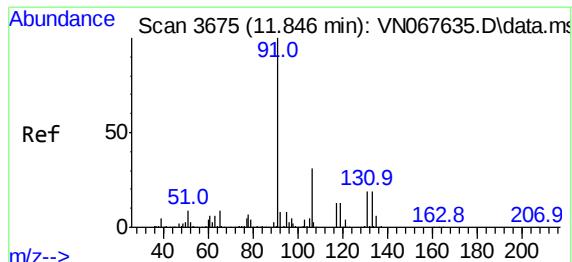
MMDadoda
7/15/2021 1:17:28 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.83 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:131 Resp: 90810
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 67.1 33.1 99.3



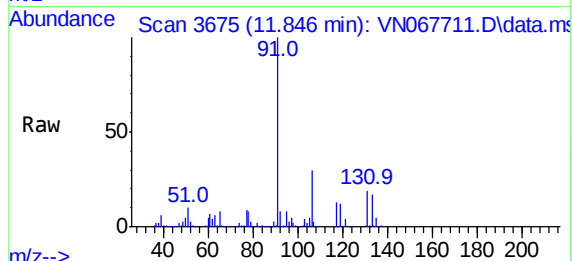


#67
Ethyl Benzene
Concen: 18.87 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

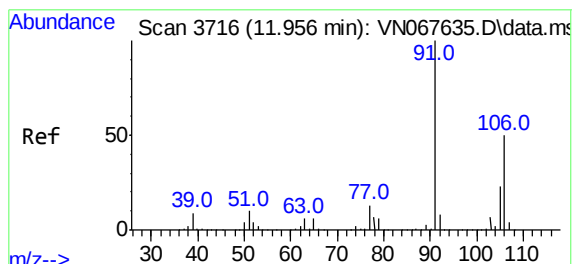
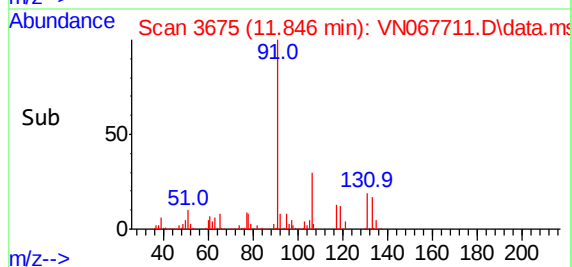
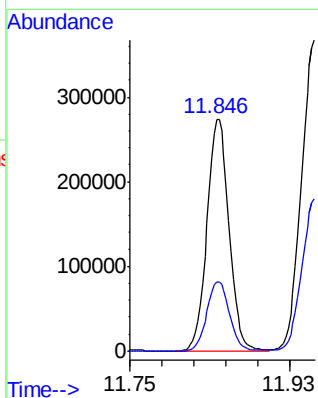
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

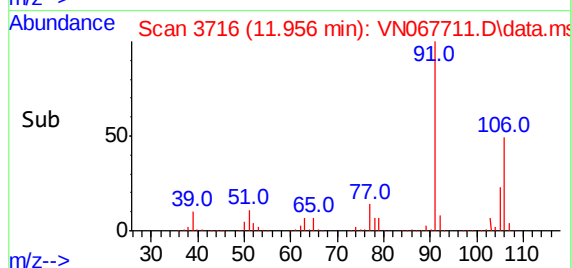
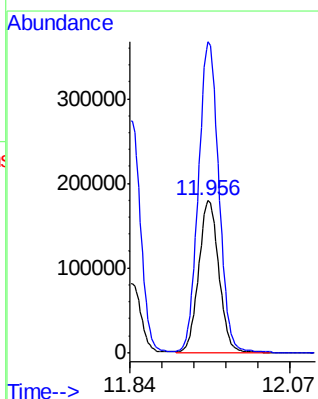
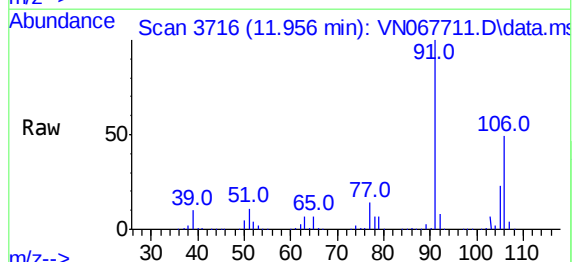


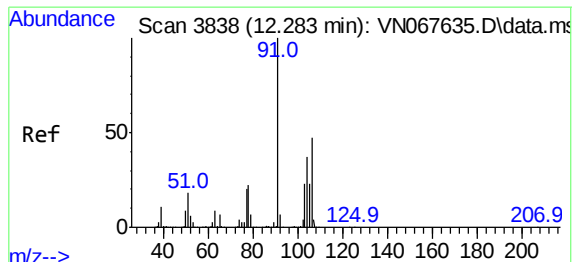
Tgt Ion: 91 Resp: 470900
Ion Ratio Lower Upper
91 100
106 30.0 23.4 35.0



#68
m/p-Xylenes
Concen: 38.00 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 106 Resp: 358710
Ion Ratio Lower Upper
106 100
91 207.1 180.6 270.8





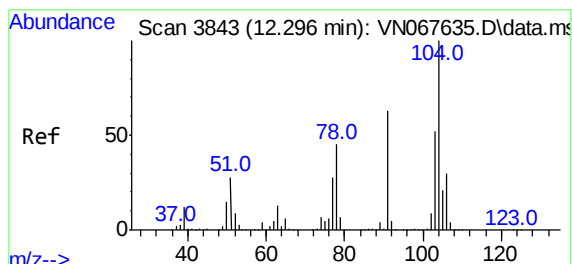
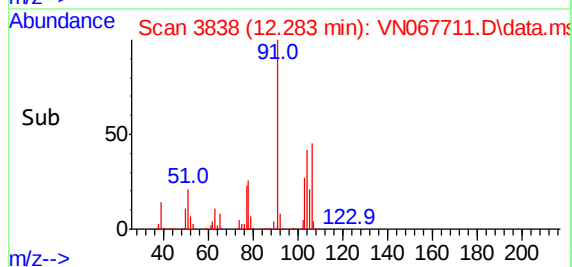
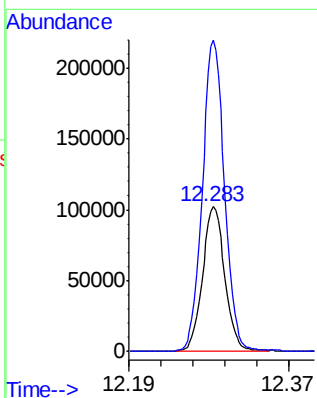
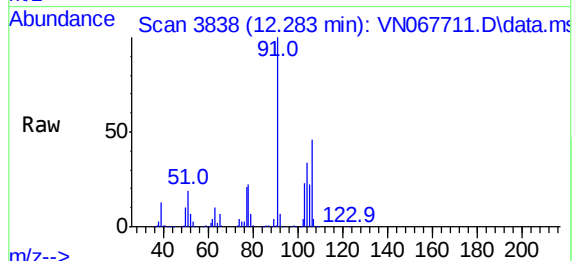
#69
o-Xylene
Concen: 18.90 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:106 Resp: 175465
Ion Ratio Lower Upper
106 100
91 215.8 118.3 354.9

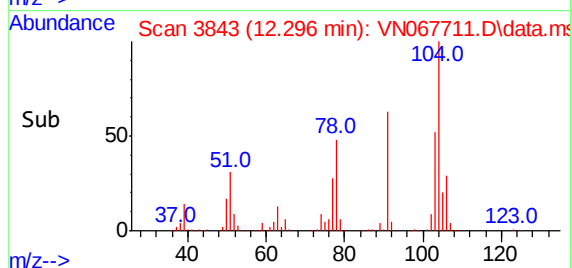
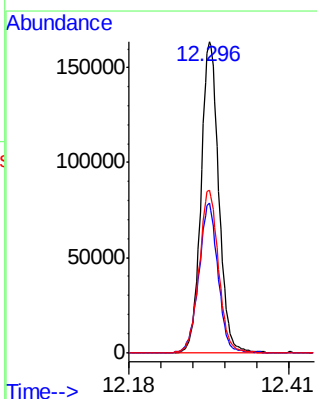
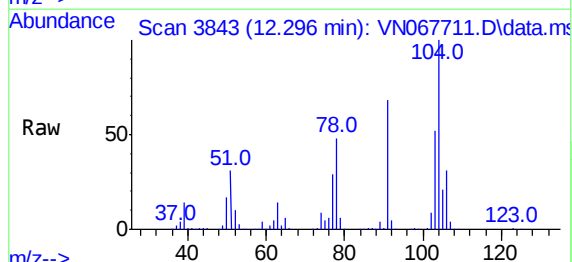
Manual Integrations
APPROVED

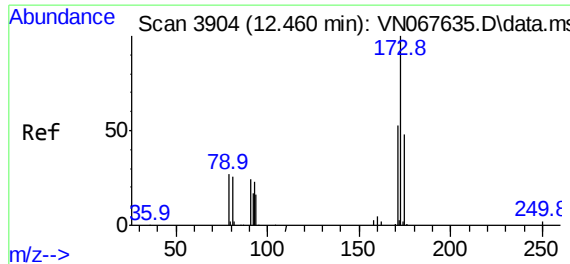
MMDadoda
7/15/2021 1:17:28 PM



#70
Styrene
Concen: 19.20 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:104 Resp: 285024
Ion Ratio Lower Upper
104 100
78 51.7 48.2 72.2
103 56.9 44.5 66.7





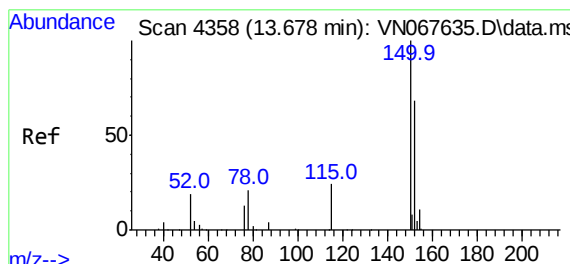
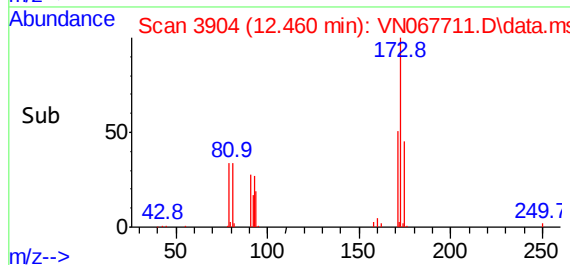
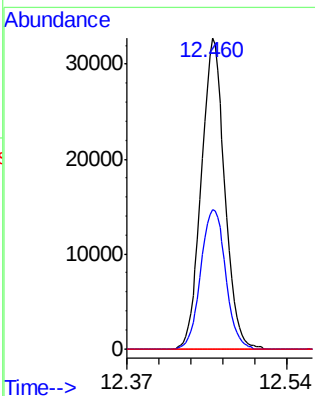
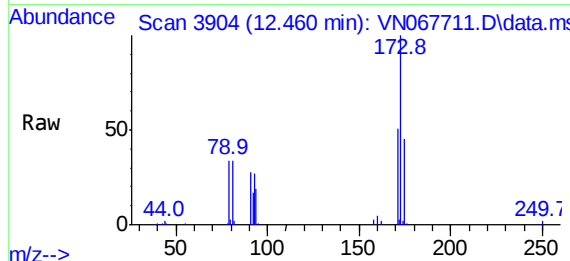
#71
Bromoform
Concen: 15.84 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:173 Resp: 57855
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.8
254 0.0 0.0 0.0

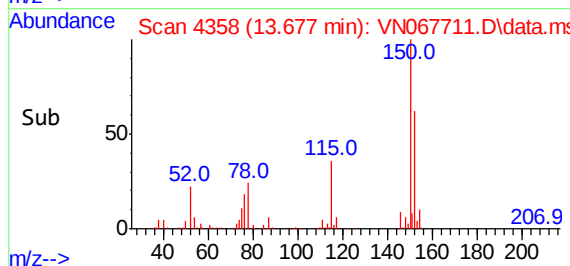
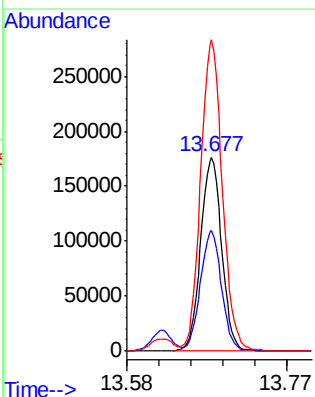
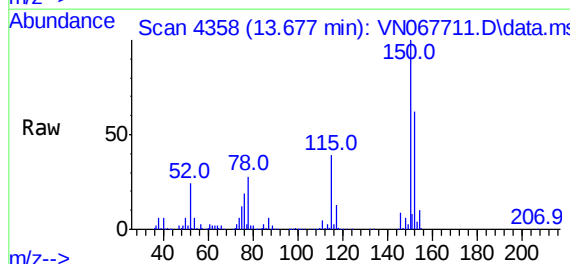
Manual Integrations
APPROVED

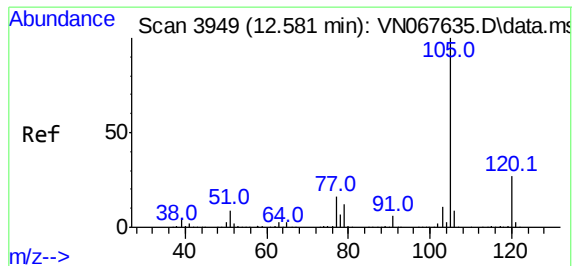
MMDadoda
7/15/2021 1:17:28 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:152 Resp: 301709
Ion Ratio Lower Upper
152 100
115 62.2 36.1 108.5
150 166.3 0.0 351.8





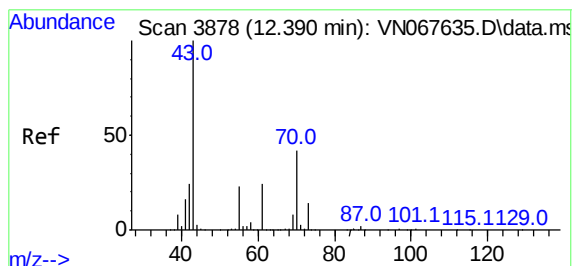
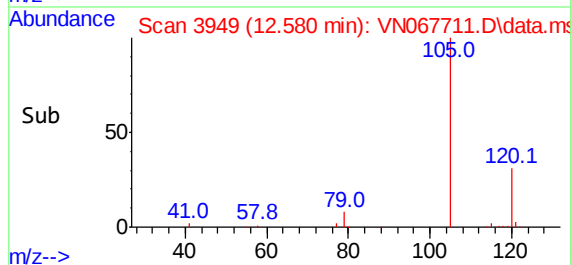
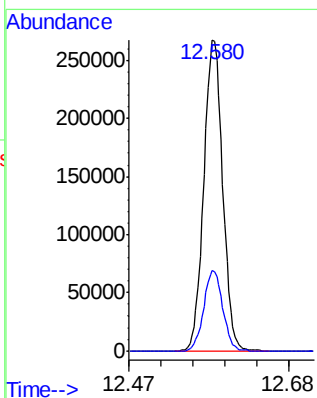
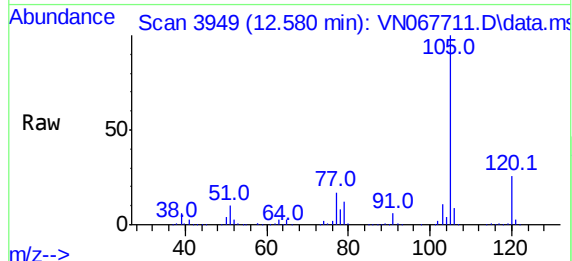
#73
Isopropylbenzene
Concen: 18.57 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.001 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:105 Resp: 452013
Ion Ratio Lower Upper
105 100
120 25.9 12.5 37.5

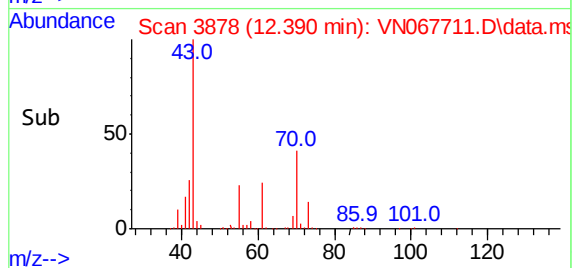
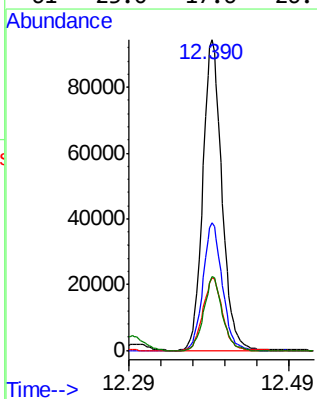
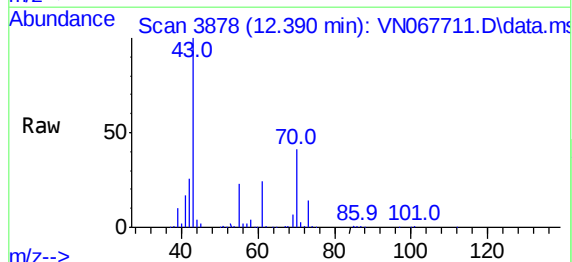
Manual Integrations
APPROVED

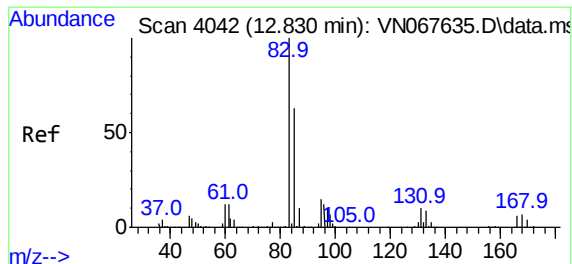
MMDadoda
7/15/2021 1:17:28 PM



#74
N-ethyl acetate
Concen: 17.66 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

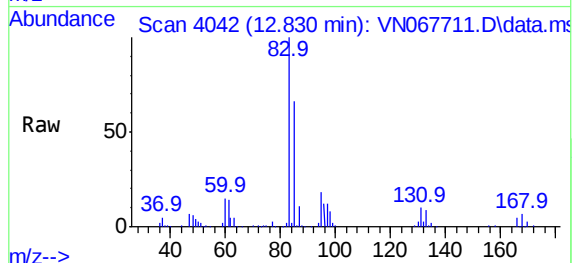
Tgt Ion: 43 Resp: 155959
Ion Ratio Lower Upper
43 100
70 41.4 29.4 44.2
55 24.0 17.0 25.4
61 23.0 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 18.13 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

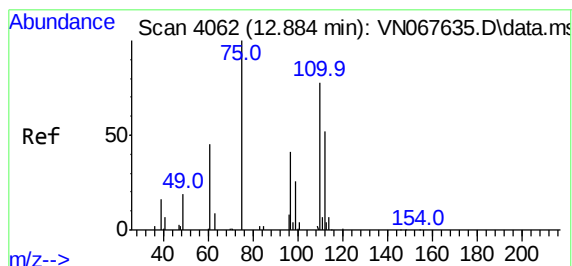
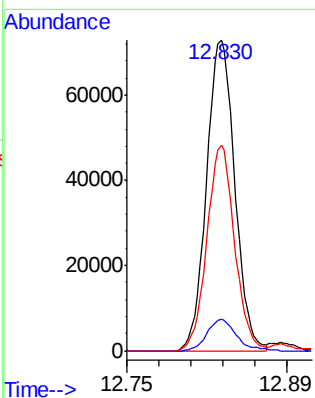
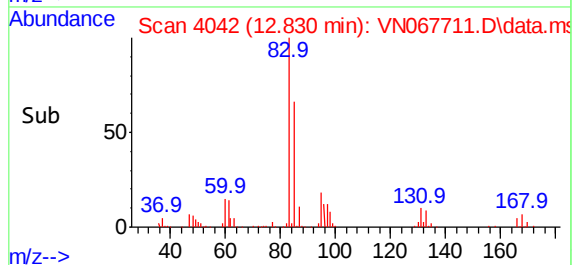
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 83 Resp: 128081
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.4
85 64.7 32.2 96.6

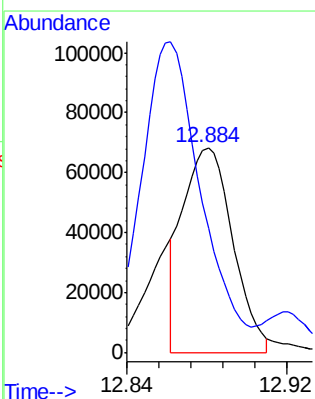
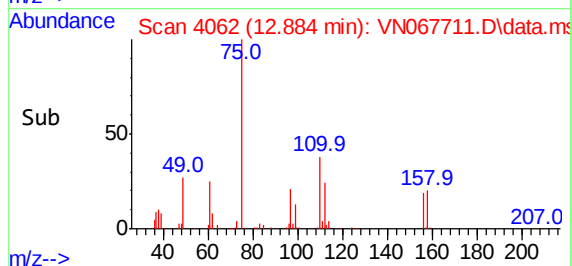
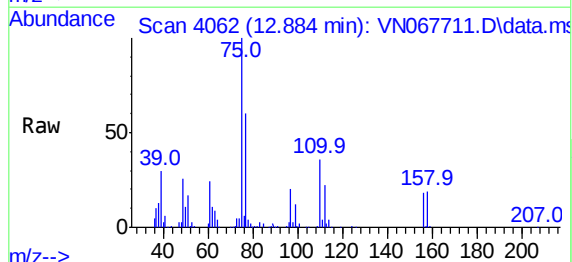
Manual Integrations
APPROVED

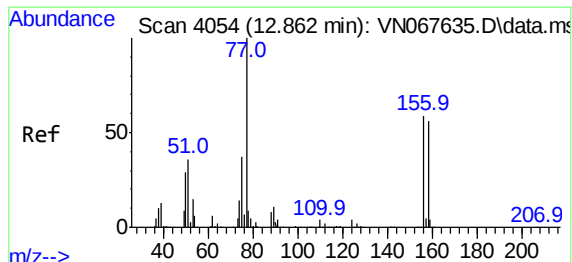
MMDadoda
7/15/2021 1:17:28 PM



#76
1,2,3-Trichloropropane
Concen: 19.28 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 75 Resp: 118791
Ion Ratio Lower Upper
75 100
77 182.7 0.0 0.0#





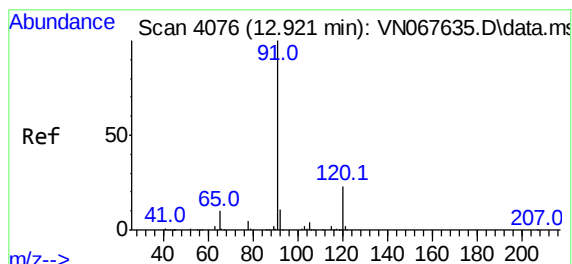
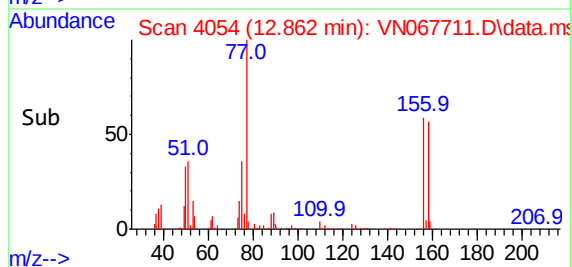
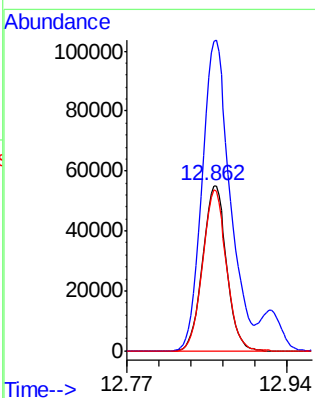
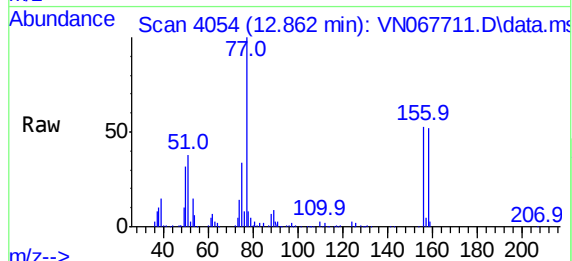
#77
Bromobenzene
Concen: 18.32 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:156 Resp: 98703
Ion Ratio Lower Upper
156 100
77 219.9 136.2 408.6
158 97.4 48.4 145.3

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

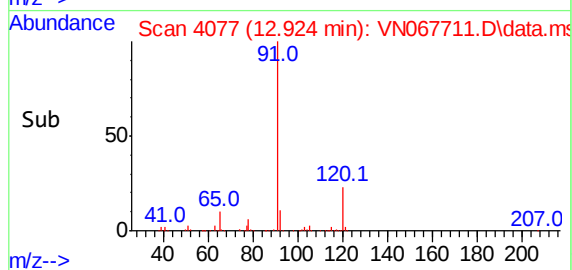
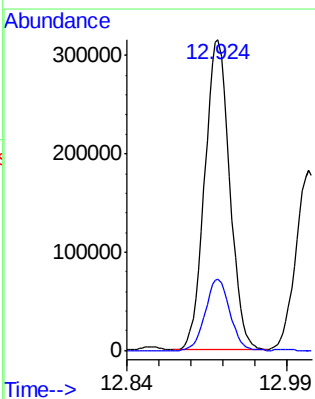
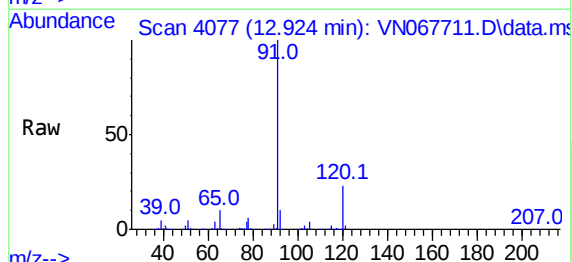
Manual Integrations
APPROVED

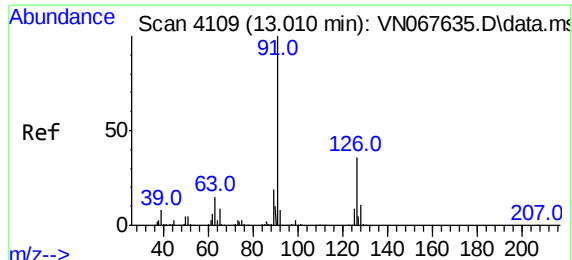
MMDadoda
7/15/2021 1:17:28 PM



#78
n-propylbenzene
Concen: 18.92 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 91 Resp: 520804
Ion Ratio Lower Upper
91 100
120 22.5 10.4 31.4



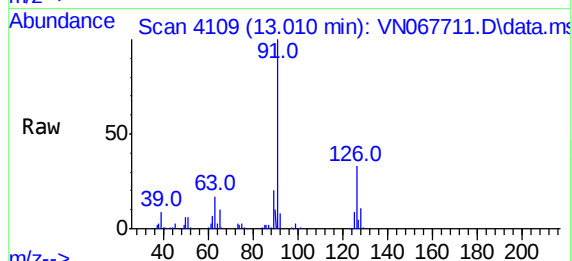


#79
2-Chlorotoluene
Concen: 18.77 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

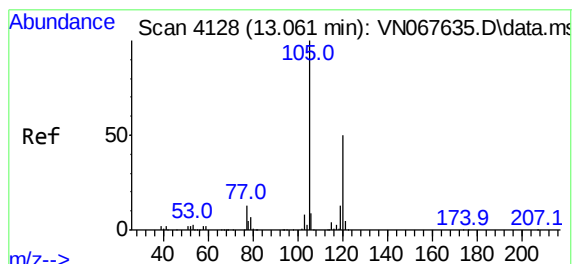
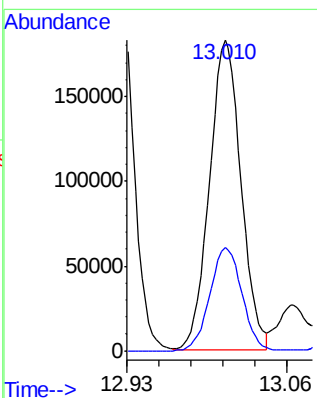
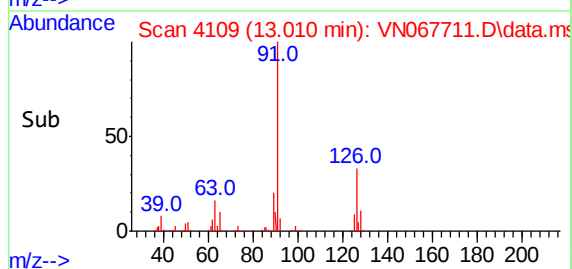
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

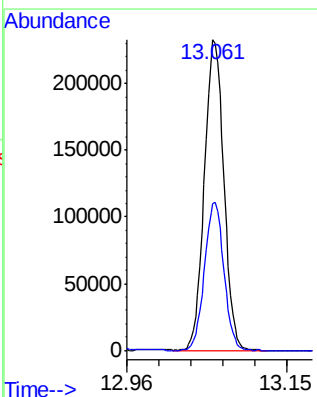
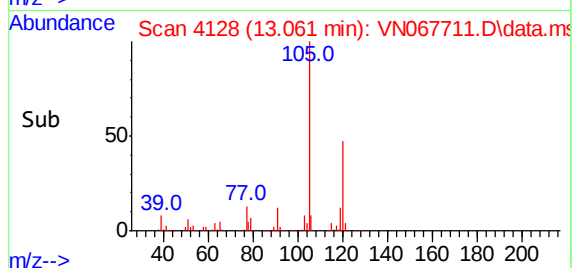
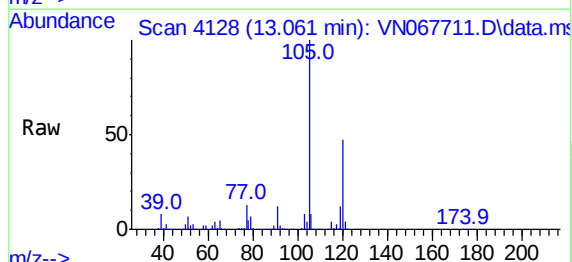


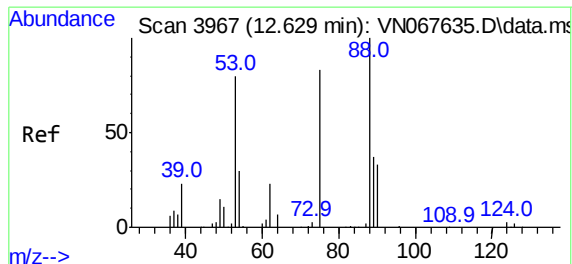
Tgt Ion: 91 Resp: 312138
Ion Ratio Lower Upper
91 100
126 33.9 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 19.30 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 105 Resp: 380584
Ion Ratio Lower Upper
105 100
120 47.6 22.2 66.6



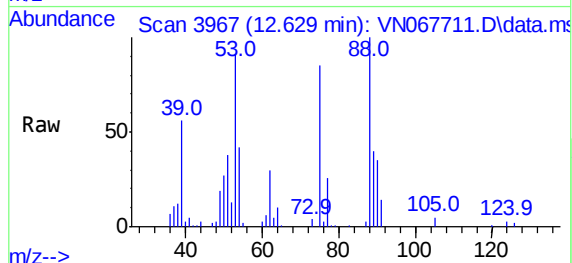


#81
trans-1,4-Dichloro-2-butene
Concen: 15.93 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

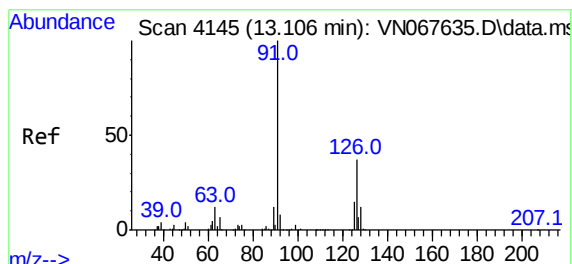
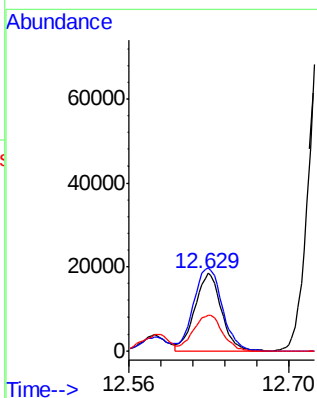
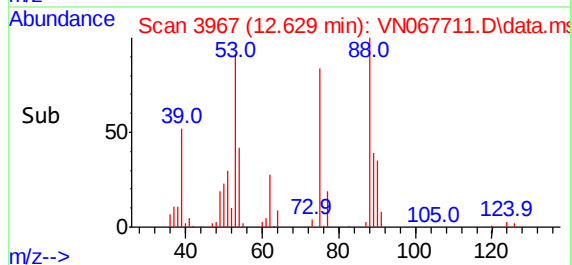
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

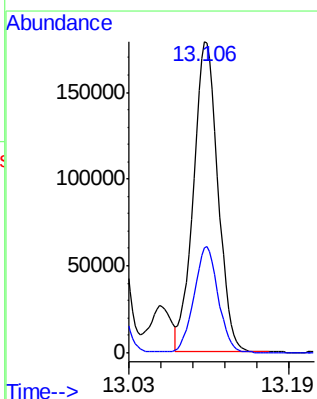
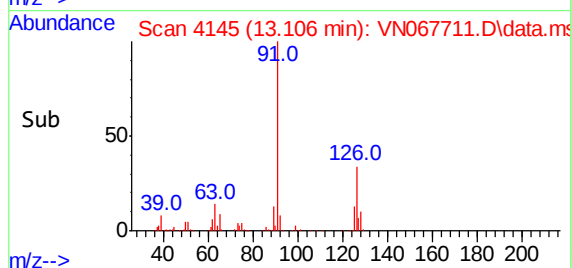
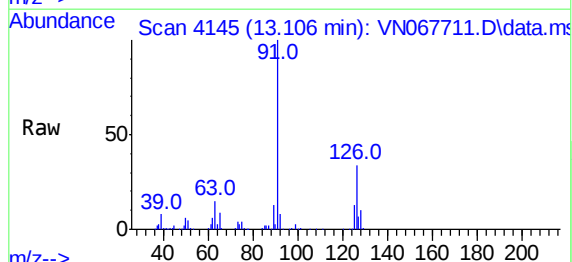


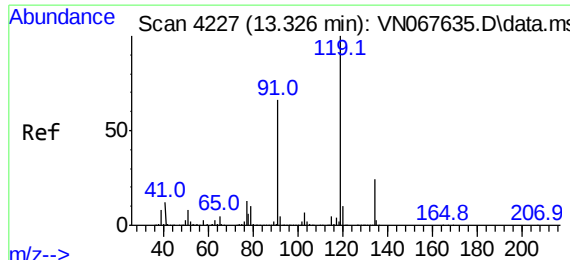
Tgt Ion: 75 Resp: 30443
Ion Ratio Lower Upper
75 100
53 116.0 87.6 131.4
89 50.1 37.8 56.8



#82
4-Chlorotoluene
Concen: 18.86 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 91 Resp: 310428
Ion Ratio Lower Upper
91 100
126 33.7 14.8 44.4



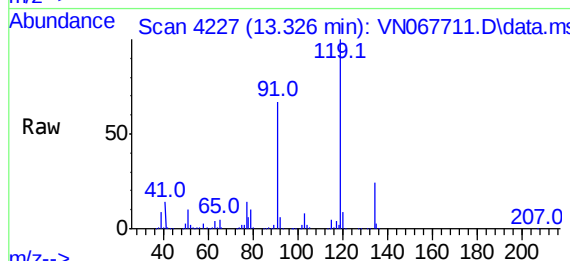


#83
tert-Butylbenzene
Concen: 18.71 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

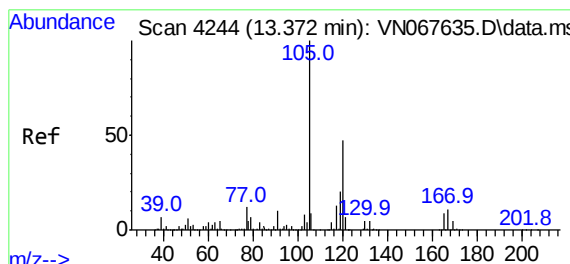
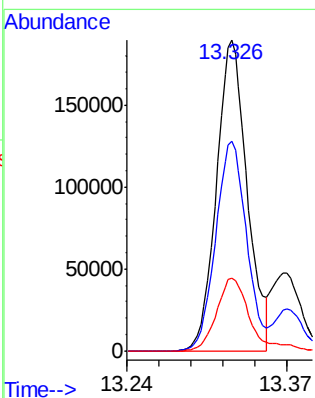
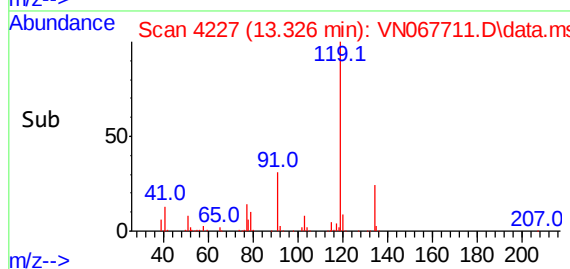
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

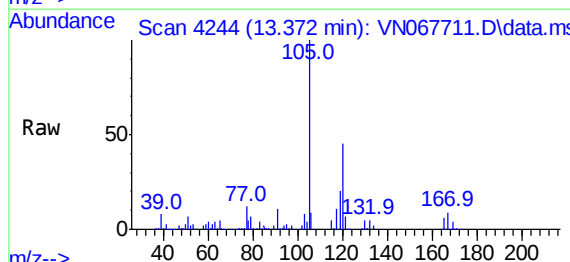
MMDadoda
7/15/2021 1:17:28 PM



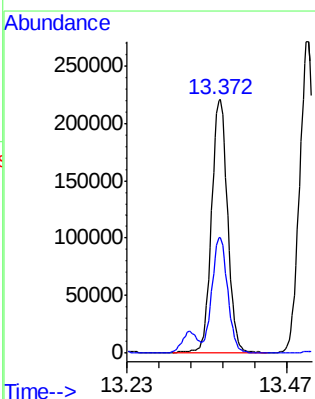
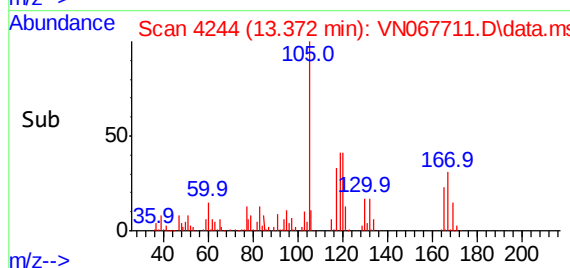
Tgt Ion:119 Resp: 314789
Ion Ratio Lower Upper
119 100
91 68.1 39.5 118.5
134 25.3 12.0 36.0

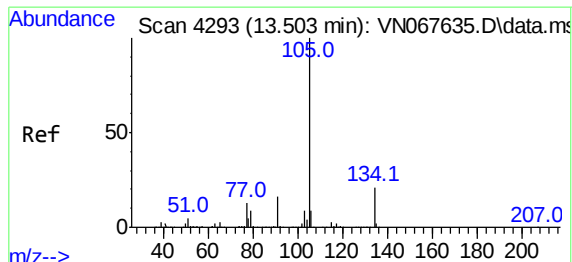


#84
1,2,4-Trimethylbenzene
Concen: 19.29 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11



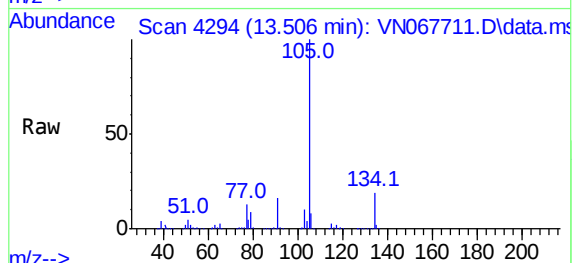
Tgt Ion:105 Resp: 372753
Ion Ratio Lower Upper
105 100
120 44.4 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 19.30 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN067711.D
 Acq: 13 Jul 2021 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01

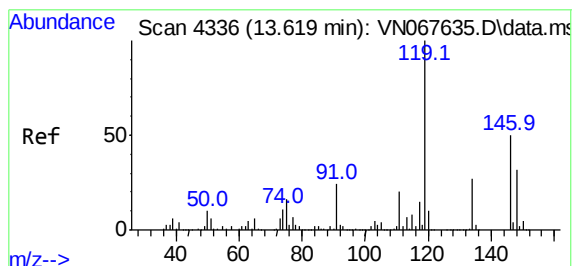
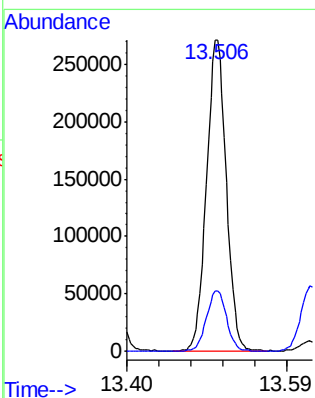
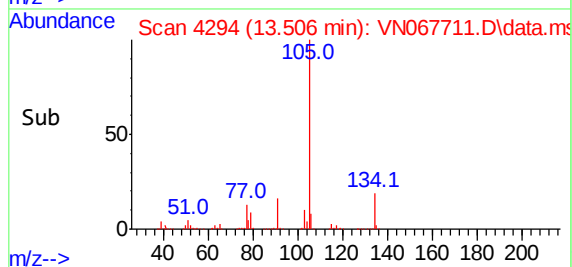


Tgt Ion:105 Resp: 449234

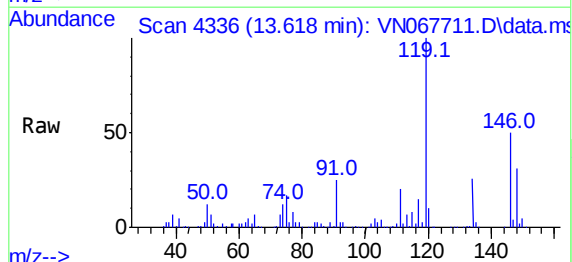
Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.0	27.1

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:17:28 PM

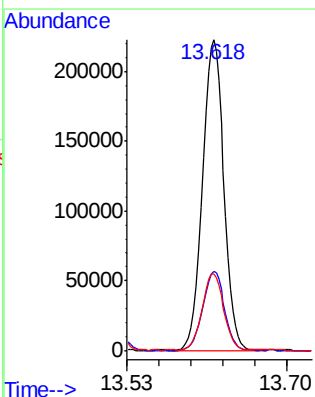
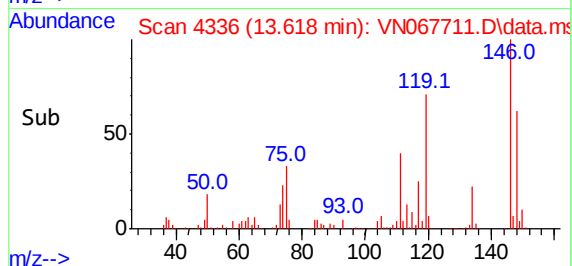


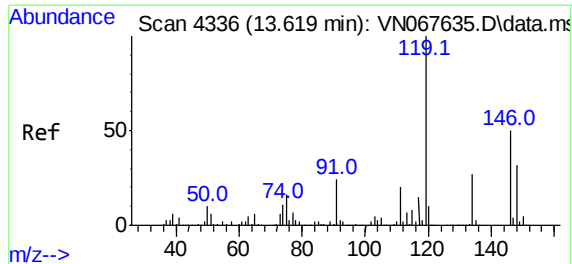
#86
 p-Isopropyltoluene
 Concen: 18.93 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.001 min
 Lab File: VN067711.D
 Acq: 13 Jul 2021 12:11



Tgt Ion:119 Resp: 355615

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.4	37.4
91	24.8	14.8	44.3





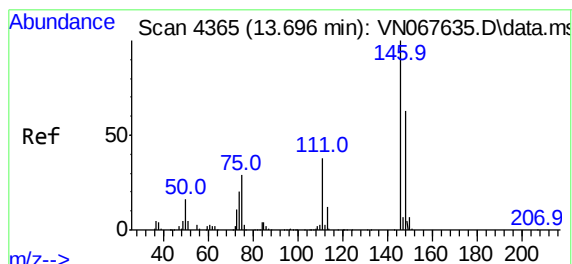
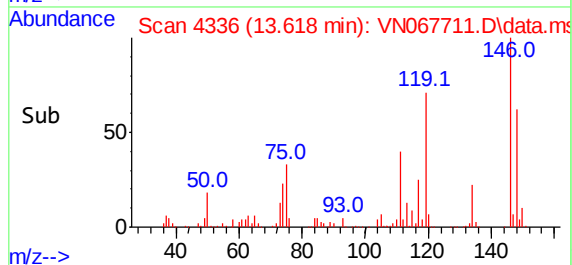
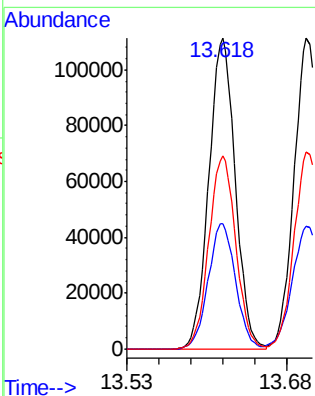
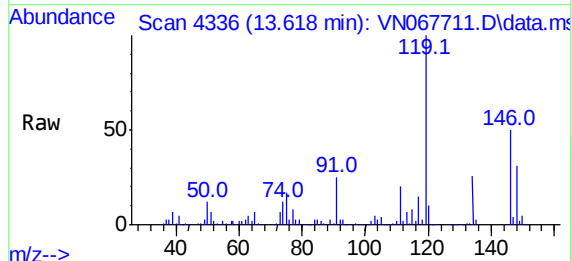
#87
1,3-Dichlorobenzene
Concen: 18.80 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:146 Resp: 187948
Ion Ratio Lower Upper
146 100
111 41.6 24.3 72.8
148 63.6 32.0 96.0

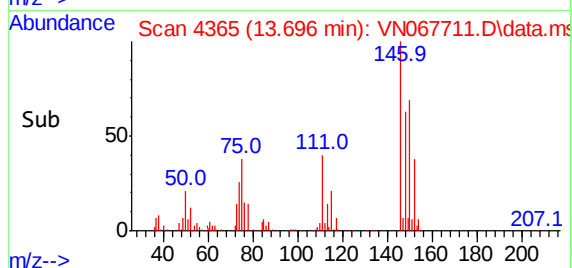
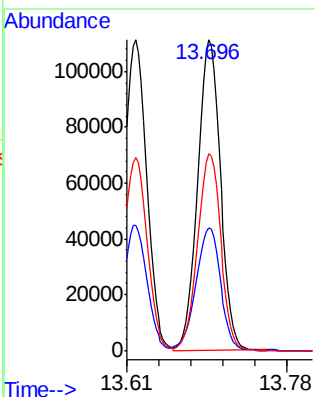
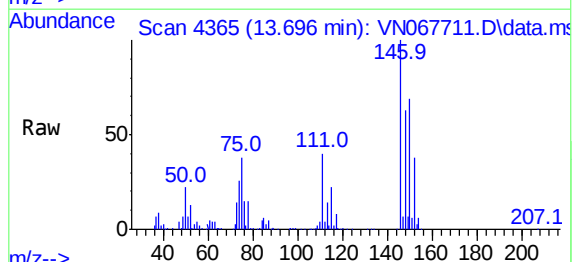
Manual Integrations
APPROVED

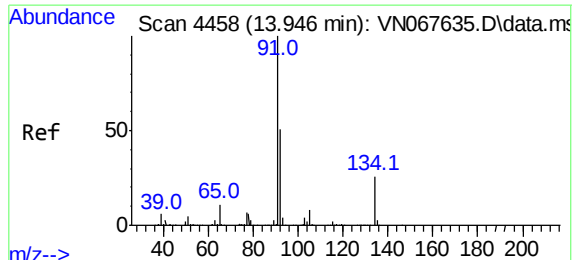
MMDadoda
7/15/2021 1:17:28 PM



#88
1,4-Dichlorobenzene
Concen: 18.43 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:146 Resp: 188603
Ion Ratio Lower Upper
146 100
111 42.6 23.4 70.2
148 64.8 31.8 95.3



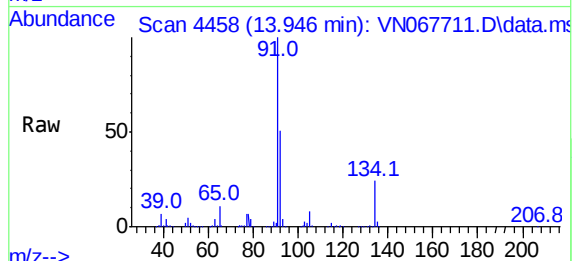


#89
n-Butylbenzene
Concen: 18.84 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

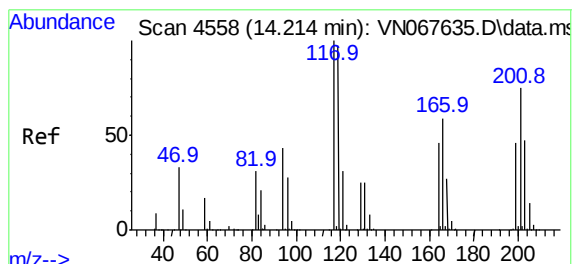
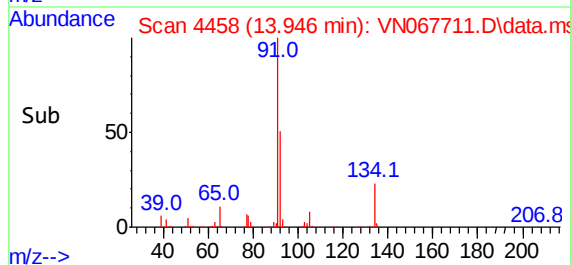
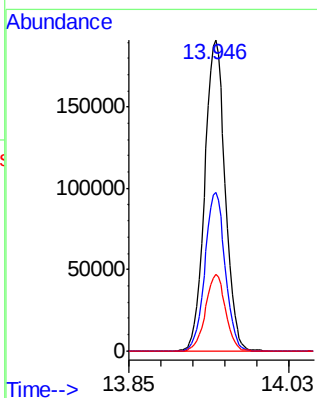
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

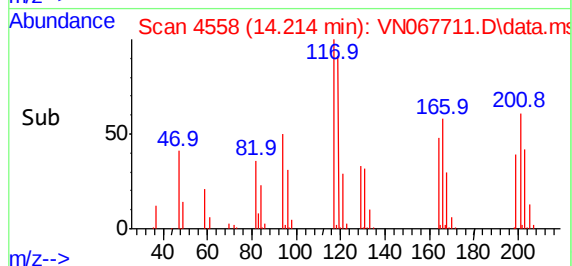
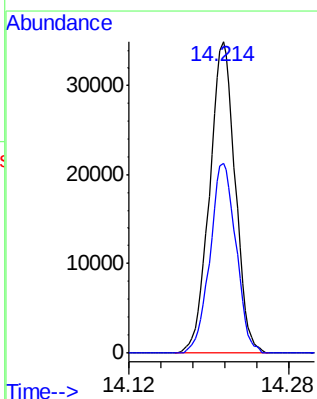
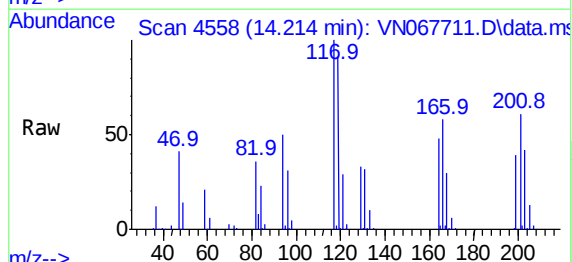


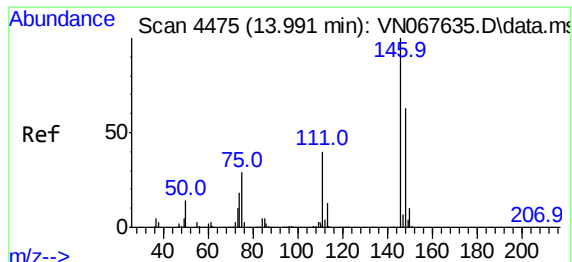
Tgt Ion: 91 Resp: 303630
Ion Ratio Lower Upper
91 100
92 50.6 25.7 77.1
134 24.0 11.2 33.6



#90
Hexachloroethane
Concen: 18.86 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion: 117 Resp: 58837
Ion Ratio Lower Upper
117 100
201 61.7 33.5 100.5



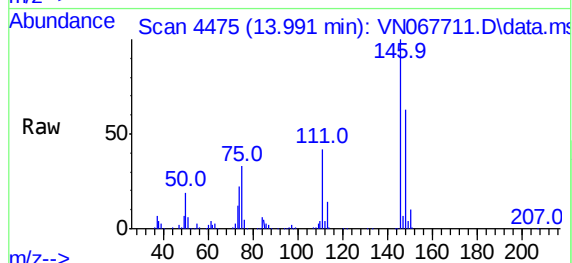


#91
1,2-Dichlorobenzene
Concen: 18.99 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

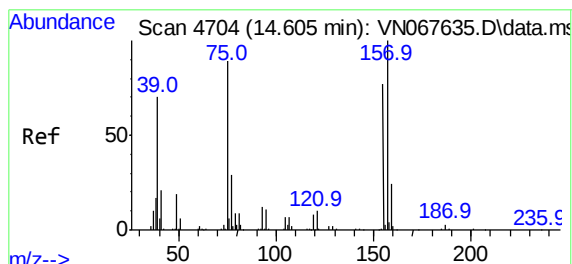
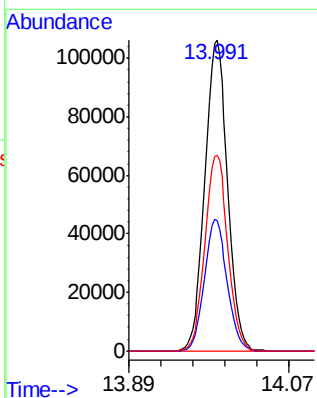
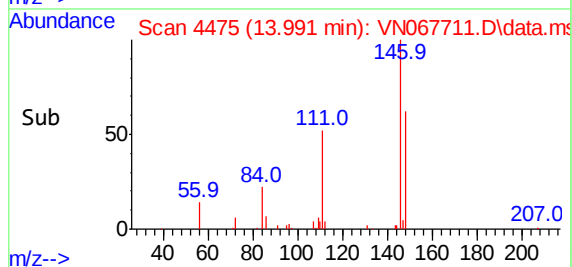
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM

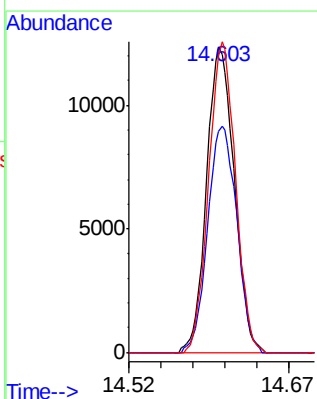
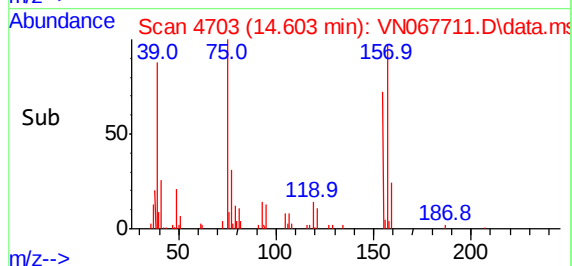
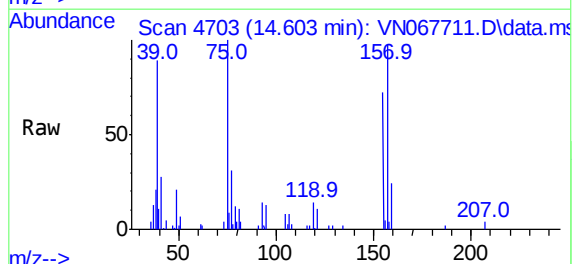


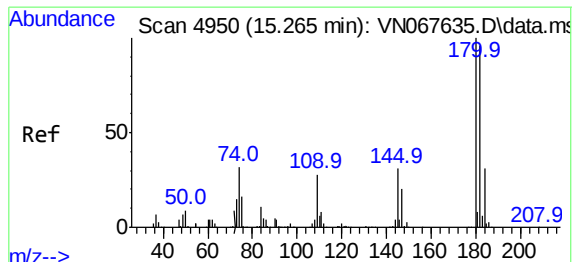
Tgt Ion:146 Resp: 183182
Ion Ratio Lower Upper
146 100
111 42.1 24.9 74.6
148 63.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.87 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

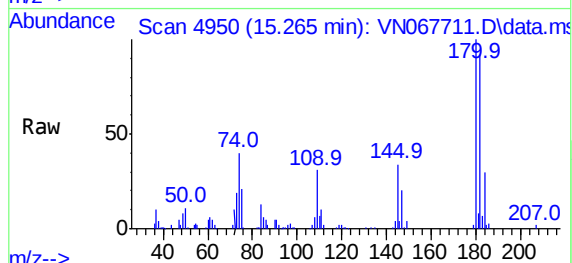
Tgt Ion: 75 Resp: 21927
Ion Ratio Lower Upper
75 100
155 77.7 29.8 89.5
157 98.1 37.6 112.8





#93
1,2,4-Trichlorobenzene
Concen: 16.29 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

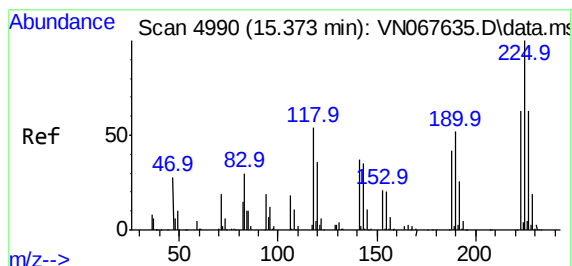
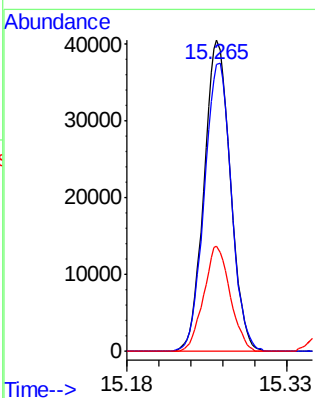
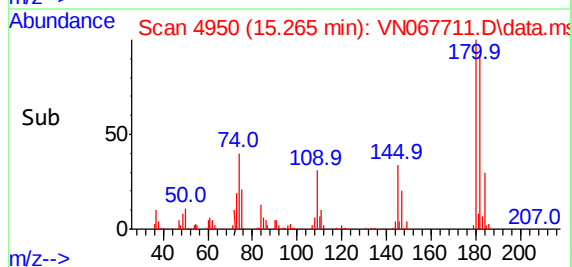
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



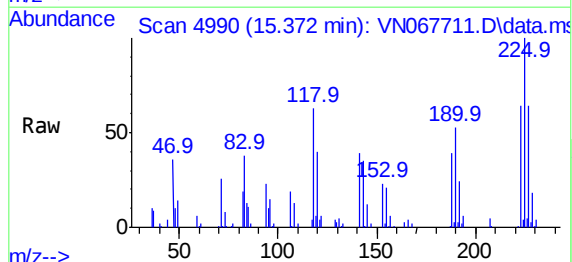
Tgt Ion:180 Resp: 72316
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 33.6 17.2 51.6

Manual Integrations
APPROVED

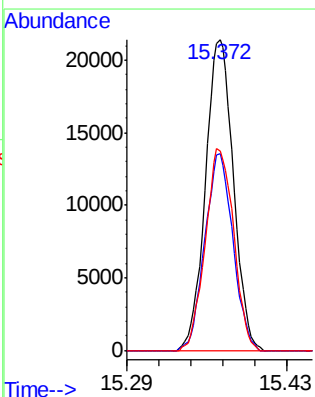
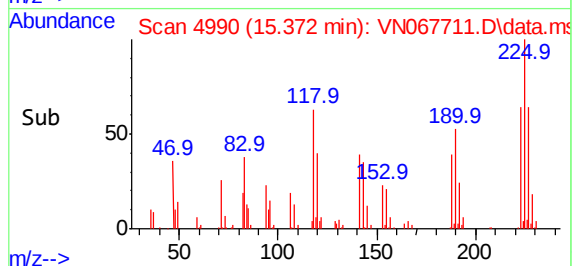
MMDadoda
7/15/2021 1:17:28 PM

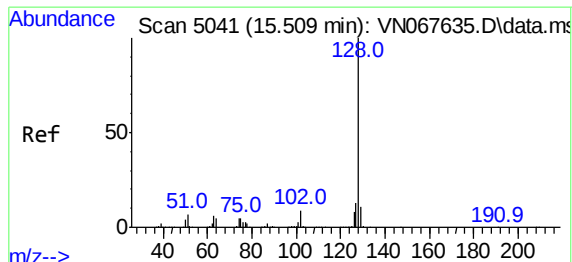


#94
Hexachlorobutadiene
Concen: 18.82 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.001 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11



Tgt Ion:225 Resp: 38147
Ion Ratio Lower Upper
225 100
223 63.8 31.4 94.0
227 66.0 31.2 93.6



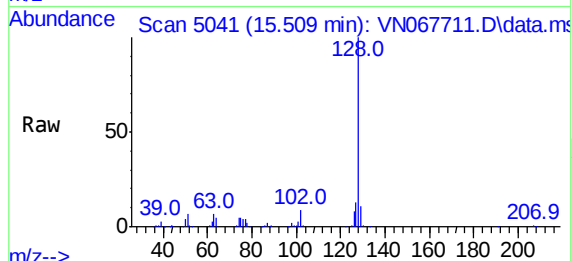


#95
Naphthalene
Concen: 15.11 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

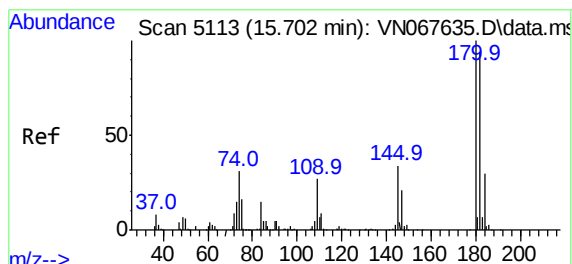
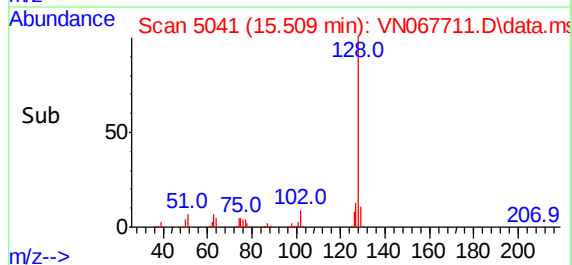
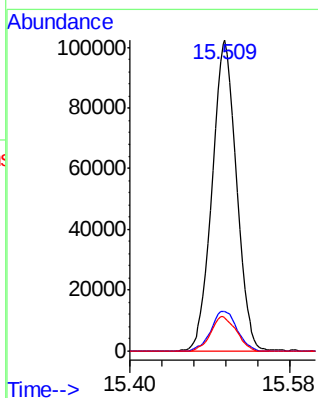
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Manual Integrations
APPROVED

MMDadoda
7/15/2021 1:17:28 PM



Tgt Ion:128 Resp: 190205
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 16.00 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN067711.D
Acq: 13 Jul 2021 12:11

Tgt Ion:180 Resp: 67970
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.3
145 33.6 18.2 54.6

