

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067689.D
 Acq On : 9 Jul 2021 16:39
 Operator : JC/MD
 Sample : VN0709WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:44:46 PM

Quant Time: Jul 10 05:24:12 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	344423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	662879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	634957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	275879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	279085	53.616	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.240%	
35) Dibromofluoromethane	8.024	113	196741	49.124	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.240%	
50) Toluene-d8	10.443	98	836501	49.899	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.733	95	288414	48.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	56755	19.387	ug/l	99
3) Chloromethane	2.303	50	85581	18.457	ug/l	97
4) Vinyl Chloride	2.443	62	137940	19.712	ug/l	97
5) Bromomethane	2.850	94	116567	21.722	ug/l	100
6) Chloroethane	3.017	64	108008	20.486	ug/l	99
7) Trichlorofluoromethane	3.371	101	257616	22.365	ug/l	100
8) Diethyl Ether	3.819	74	47093	16.905	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.205	101	65700	20.583	ug/l	95
10) Methyl Iodide	4.417	142	75255	19.791	ug/l	92
11) Tert butyl alcohol	5.390	59	71958	96.201	ug/l	# 86
12) 1,1-Dichloroethene	4.175	96	62167	20.299	ug/l	87
13) Acrolein	4.041	56	47811	129.108	ug/l	100
14) Allyl chloride	4.835	41	108037	19.191	ug/l	92
15) Acrylonitrile	5.559	53	192221	103.609	ug/l	99
16) Acetone	4.291	43	164152	100.222	ug/l	94
17) Carbon Disulfide	4.521	76	159240	18.771	ug/l	100
18) Methyl Acetate	4.859	43	91712	19.935	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	253673	19.989	ug/l	100
20) Methylene Chloride	5.095	84	82381	21.144	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	72384	19.991	ug/l	90
22) Diisopropyl ether	6.503	45	256405	20.071	ug/l	99
23) Vinyl Acetate	6.436	43	1092348	100.017	ug/l	96
24) 1,1-Dichloroethane	6.388	63	145190	20.387	ug/l	97
25) 2-Butanone	7.343	43	273822	100.678	ug/l	96
26) 2,2-Dichloropropane	7.327	77	112521	18.080	ug/l	82
27) cis-1,2-Dichloroethene	7.327	96	88281	19.483	ug/l	88
28) Bromochloromethane	7.659	49	68923	19.833	ug/l	84
29) Tetrahydrofuran	7.691	42	180049	100.666	ug/l	93
30) Chloroform	7.820	83	159616	19.954	ug/l	99
31) Cyclohexane	8.096	56	133881	18.343	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	140557	20.264	ug/l	98
36) 1,1-Dichloropropene	8.222	75	113199	18.384	ug/l	97
37) Ethyl Acetate	7.415	43	112820	18.910	ug/l	98
38) Carbon Tetrachloride	8.206	117	114096	18.785	ug/l	97
39) Methylcyclohexane	9.461	83	122074	18.110	ug/l	93
40) Benzene	8.461	78	347658	18.862	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067689.D
 Acq On : 9 Jul 2021 16:39
 Operator : JC/MD
 Sample : VN0709WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:44:46 PM

Quant Time: Jul 10 05:24:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	60097	19.599	ug/l	97
42) 1,2-Dichloroethane	8.533	62	135887	19.853	ug/l	97
43) Isopropyl Acetate	8.566	43	202430	19.289	ug/l	97
44) Trichloroethene	9.217	130	87028	18.605	ug/l	91
45) 1,2-Dichloropropane	9.491	63	89837	19.251	ug/l	98
46) Dibromomethane	9.579	93	63691	19.235	ug/l	97
47) Bromodichloromethane	9.764	83	124921	19.298	ug/l	99
48) Methyl methacrylate	9.563	41	86490	18.633	ug/l	88
49) 1,4-Dioxane	9.571	88	30623	353.081	ug/l	89
51) 4-Methyl-2-Pentanone	10.336	43	639239	99.147	ug/l	98
52) Toluene	10.507	92	238031	19.715	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	127952	17.753	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	135372	18.805	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	88837	19.200	ug/l	99
56) Ethyl methacrylate	10.765	69	139818	19.614	ug/l	93
57) 1,3-Dichloropropane	11.046	76	152912	19.273	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	134914	83.157	ug/l	94
59) 2-Hexanone	11.089	43	442196	98.257	ug/l	96
60) Dibromochloromethane	11.242	129	86847	16.929	ug/l	100
61) 1,2-Dibromoethane	11.347	107	93201	19.730	ug/l	99
64) Tetrachloroethene	10.979	164	82997	18.518	ug/l	97
65) Chlorobenzene	11.773	112	248213	19.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	89614	19.536	ug/l	99
67) Ethyl Benzene	11.846	91	457346	19.264	ug/l	98
68) m/p-Xylenes	11.956	106	344045	38.316	ug/l	89
69) o-Xylene	12.283	106	168894	19.131	ug/l	89
70) Styrene	12.299	104	272842	19.320	ug/l	94
71) Bromoform	12.460	173	55337	15.912	ug/l #	99
73) Isopropylbenzene	12.583	105	434165	19.505	ug/l	98
74) N-amyl acetate	12.390	43	158616	19.642	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	132017	20.436	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	116818m	20.735	ug/l	
77) Bromobenzene	12.862	156	94189	19.119	ug/l	82
78) n-propylbenzene	12.924	91	496157	19.708	ug/l	97
79) 2-Chlorotoluene	13.010	91	304476	20.018	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	364075	20.186	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	30761	17.603	ug/l	96
82) 4-Chlorotoluene	13.106	91	299923	19.927	ug/l	94
83) tert-Butylbenzene	13.326	119	304444	19.793	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	356901	20.195	ug/l	93
85) sec-Butylbenzene	13.503	105	422706	19.857	ug/l	98
86) p-Isopropyltoluene	13.618	119	338799	19.723	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	177083	19.376	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	175845	18.792	ug/l	96
89) n-Butylbenzene	13.946	91	278115	18.876	ug/l	98
90) Hexachloroethane	14.214	117	57082	20.008	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	174762	19.809	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	22534	20.084	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	67348	16.545	ug/l	99
94) Hexachlorobutadiene	15.372	225	33614	18.133	ug/l	98
95) Naphthalene	15.509	128	182936	15.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	63879	16.370	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
Data File : VN067689.D
Acq On : 9 Jul 2021 16:39
Operator : JC/MD
Sample : VN0709WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

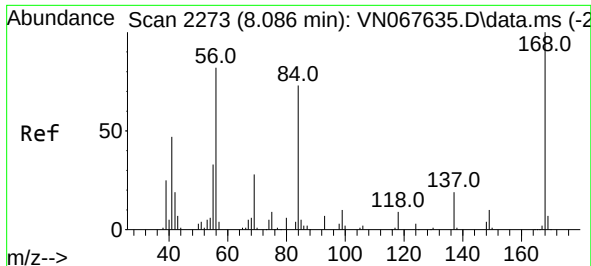
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM

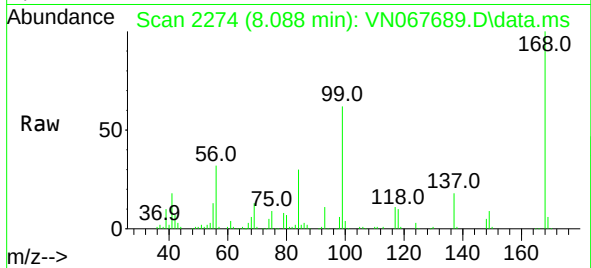
Quant Time: Jul 10 05:24:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

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

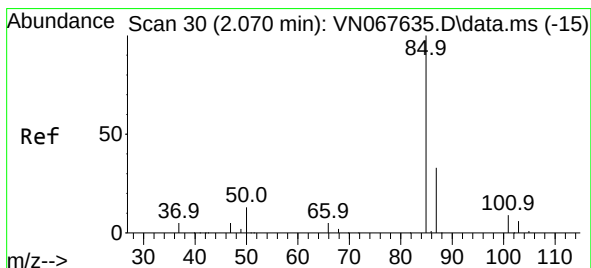
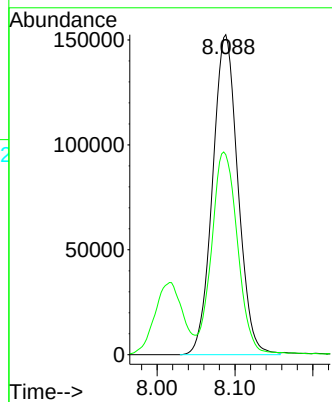
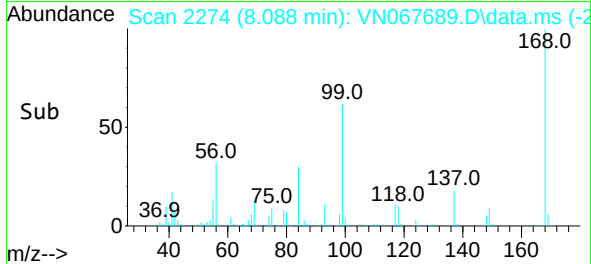
(#) = qualifier out of range (m) = manual integration (+) = signals summed



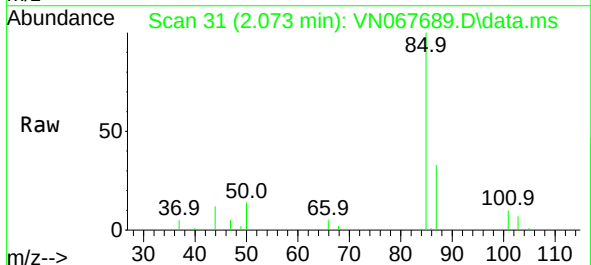
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



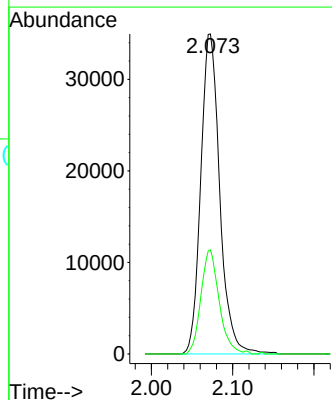
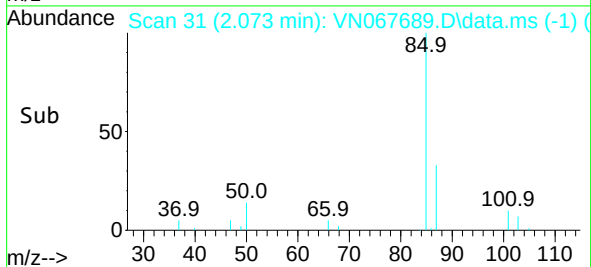
Tgt Ion:168 Resp: 344423
Ion Ratio Lower Upper
168 100
99 61.8 62.9 94.3#



#2
Dichlorodifluoromethane
Concen: 19.387 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



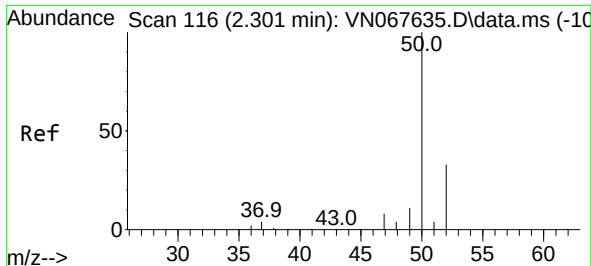
Tgt Ion: 85 Resp: 56755
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2



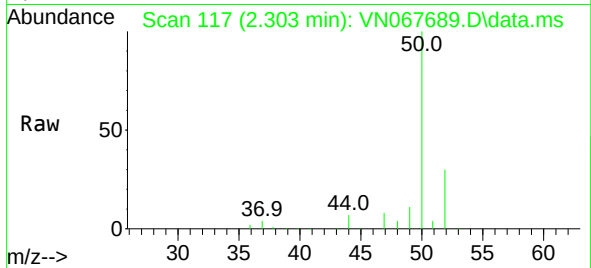
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

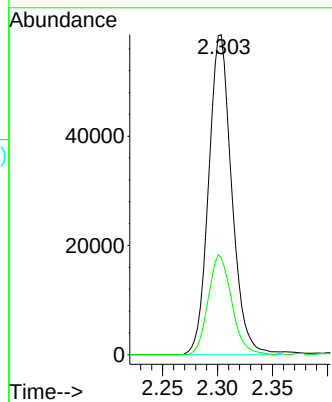
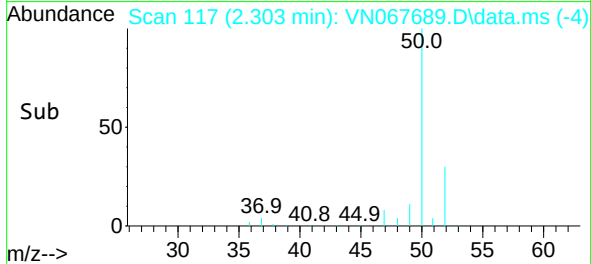
MMDadoda
7/12/2021 5:44:46 PM



#3
Chloromethane
Concen: 18.457 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



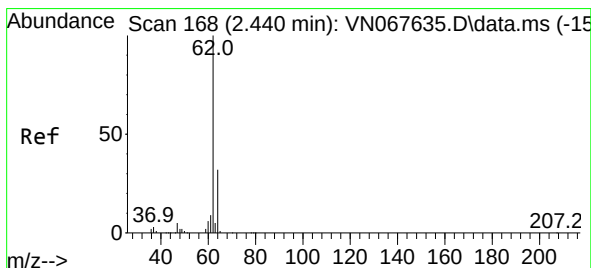
Tgt Ion: 50 Resp: 85581
Ion Ratio Lower Upper
50 100
52 30.3 25.6 38.4



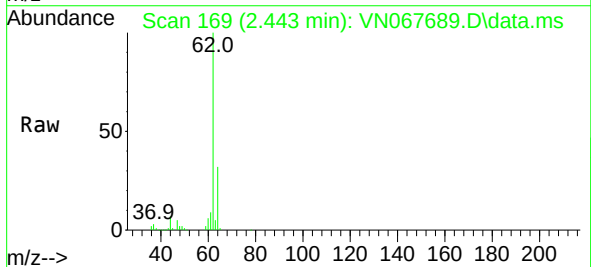
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

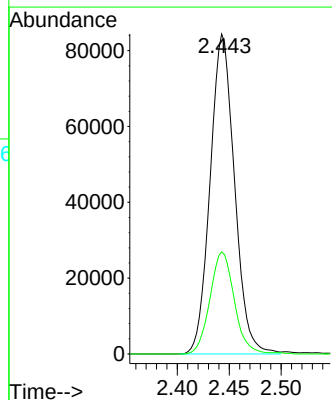
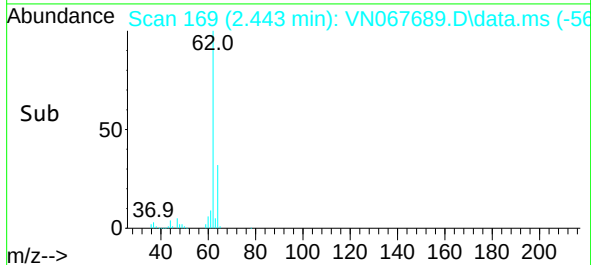
MMDadoda
7/12/2021 5:44:46 PM

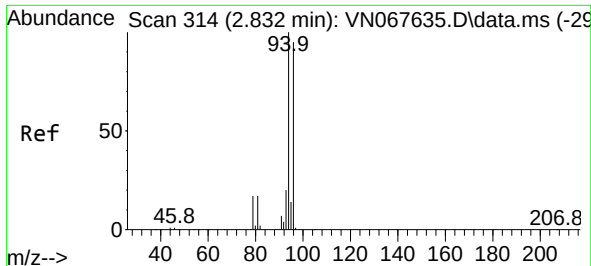


#4
Vinyl Chloride
Concen: 19.712 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



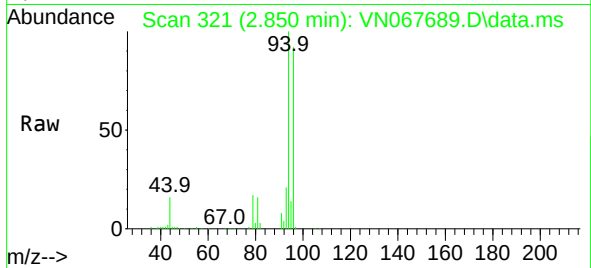
Tgt Ion: 62 Resp: 137940
Ion Ratio Lower Upper
62 100
64 31.9 24.4 36.6





#5
Bromomethane
Concen: 21.722 ug/l
RT: 2.850 min Scan# 321
Delta R.T. 0.018 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

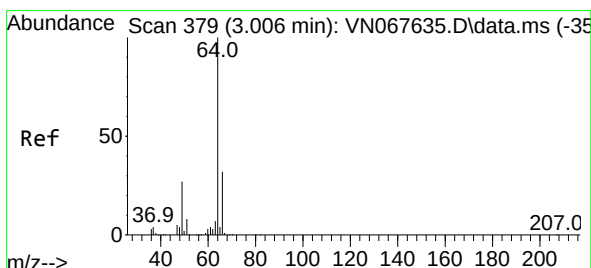
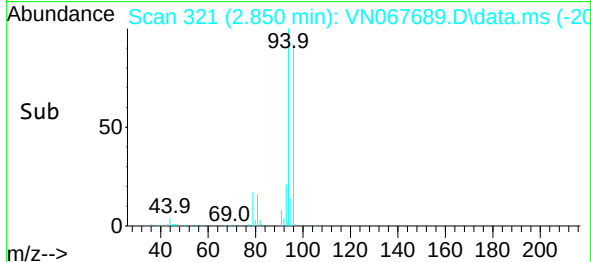
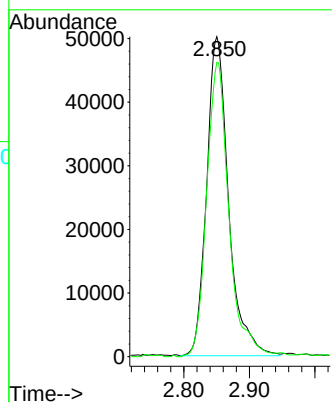
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02



Tgt Ion: 94 Resp: 116567
Ion Ratio Lower Upper
94 100
96 92.3 73.7 110.5

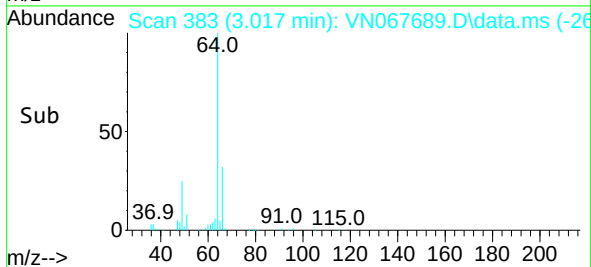
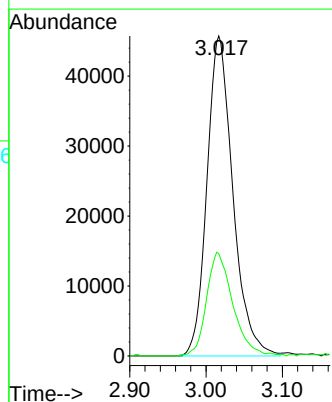
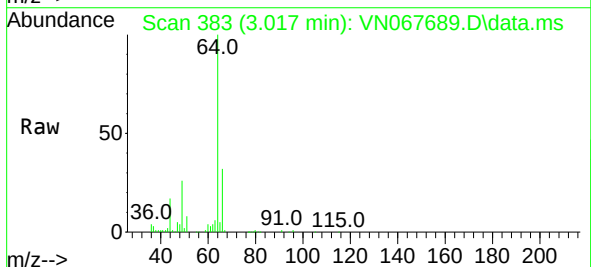
Manual Integrations
APPROVED

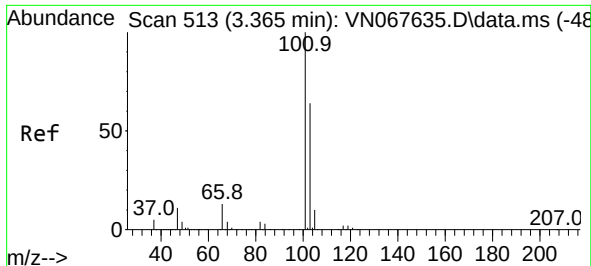
MMDadoda
7/12/2021 5:44:46 PM



#6
Chloroethane
Concen: 20.486 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.011 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

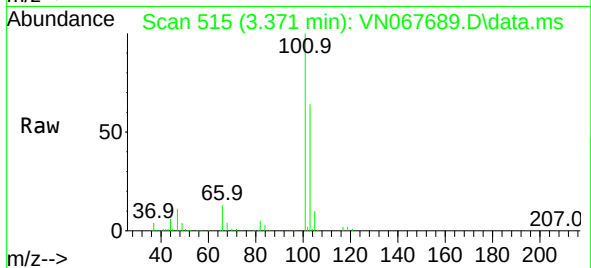
Tgt Ion: 64 Resp: 108008
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1





#7
Trichlorofluoromethane
Concen: 22.365 ug/l
RT: 3.371 min Scan# 515
Delta R.T. 0.006 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

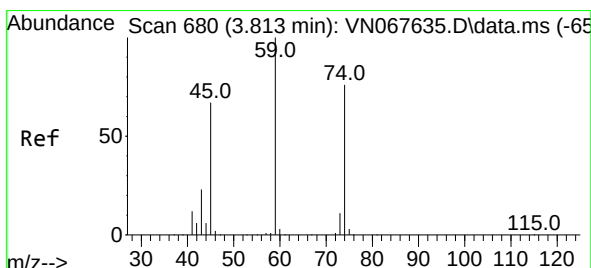
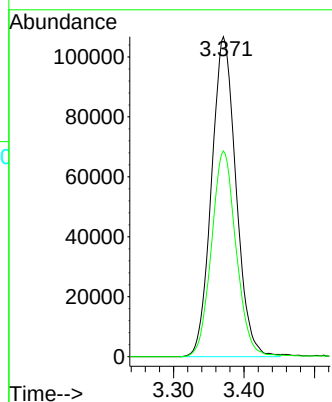
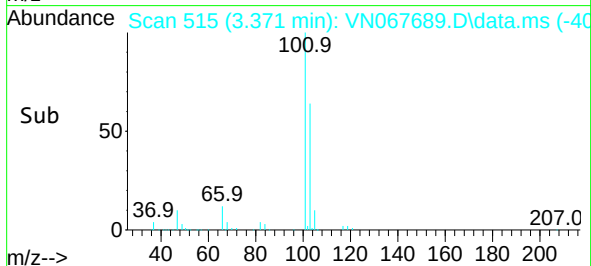
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02



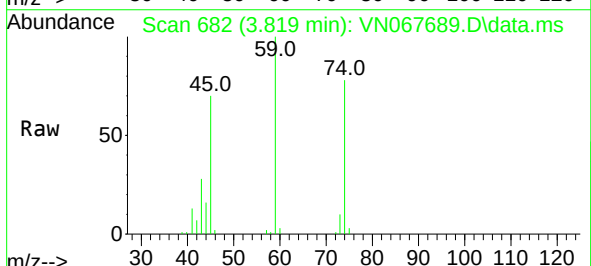
Tgt Ion:101 Resp: 257616
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

Manual Integrations
APPROVED

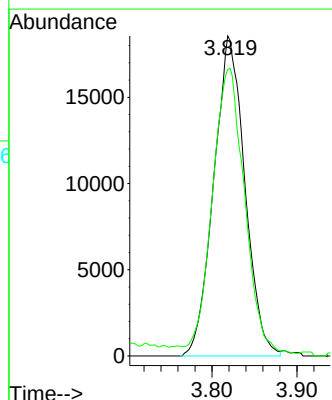
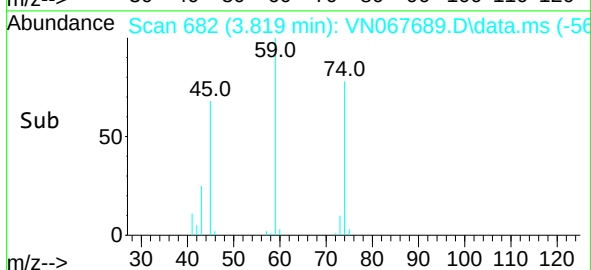
MMDadoda
7/12/2021 5:44:46 PM

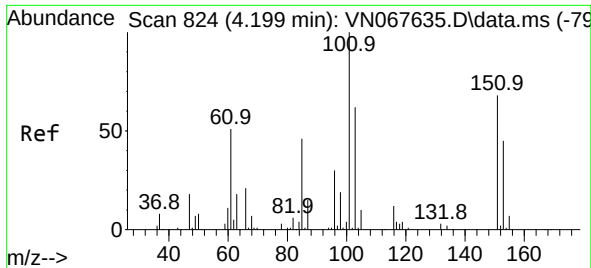


#8
Diethyl Ether
Concen: 16.905 ug/l
RT: 3.819 min Scan# 682
Delta R.T. 0.006 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



Tgt Ion: 74 Resp: 47093
Ion Ratio Lower Upper
74 100
45 91.9 50.2 150.7





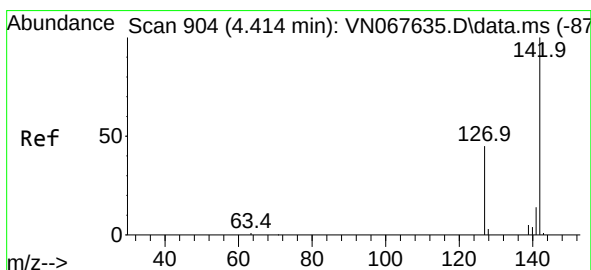
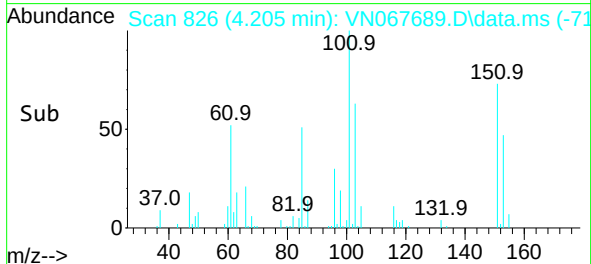
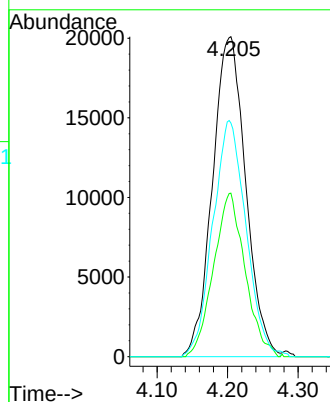
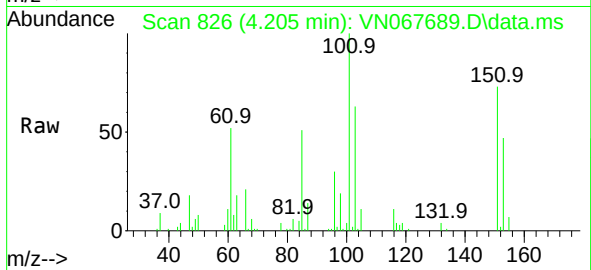
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.583 ug/l
RT: 4.205 min Scan# 826
Delta R.T. 0.006 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion:	101	Resp:	65700
Ion	Ratio	Lower	Upper
101	100		
85	48.5	39.6	59.4
151	73.9	54.1	81.1

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

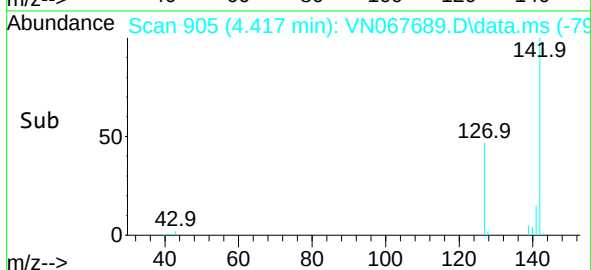
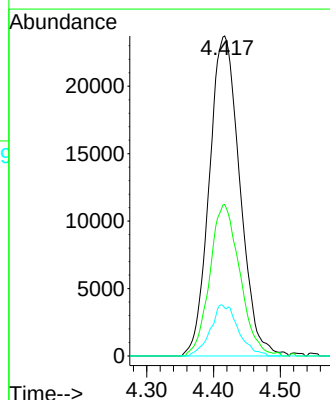
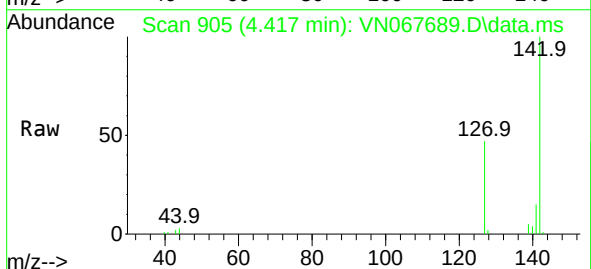
Manual Integrations
APPROVED

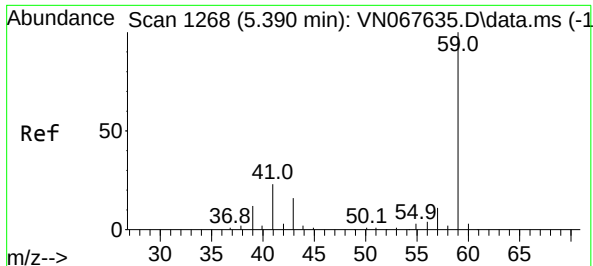
MMDadoda
7/12/2021 5:44:46 PM



#10
Methyl Iodide
Concen: 19.791 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion:	142	Resp:	75255
Ion	Ratio	Lower	Upper
142	100		
127	46.5	43.1	64.7
141	14.6	11.4	17.0





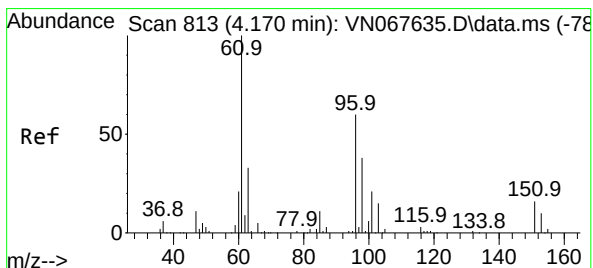
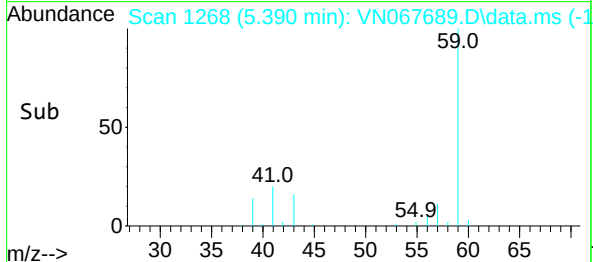
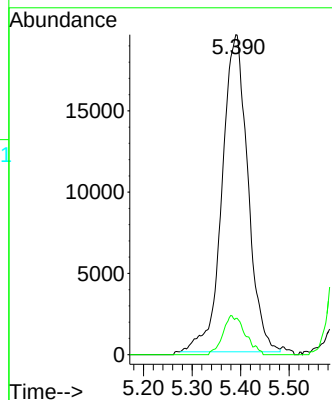
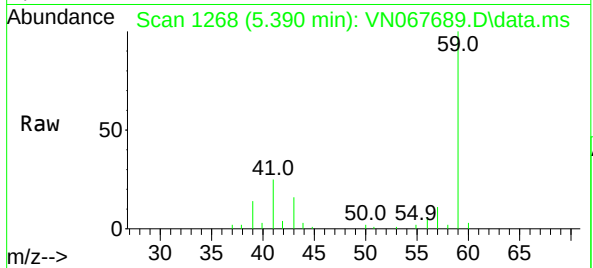
#11
Tert butyl alcohol
Concen: 96.201 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 59 Resp: 71958
Ion Ratio Lower Upper
59 100
57 5.6 8.7 13.1#

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

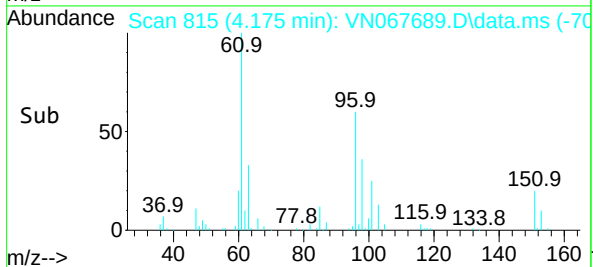
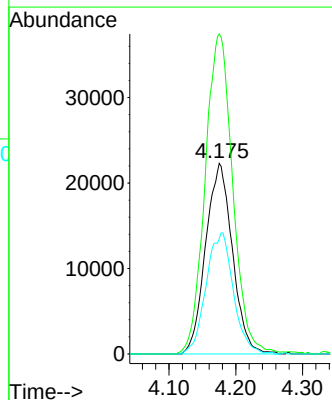
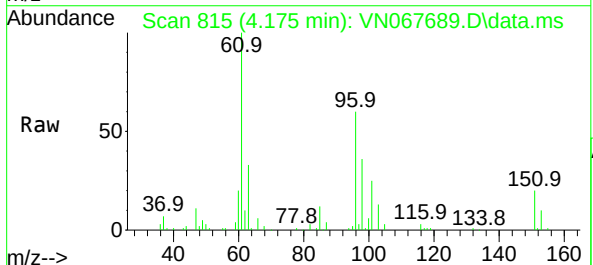
Manual Integrations
APPROVED

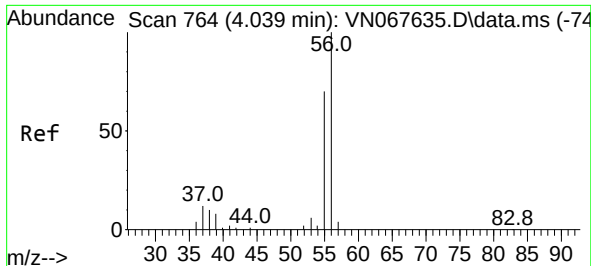
MMDadoda
7/12/2021 5:44:46 PM



#12
1,1-Dichloroethene
Concen: 20.299 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.005 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 96 Resp: 62167
Ion Ratio Lower Upper
96 100
61 167.0 152.6 229.0
98 60.5 50.9 76.3



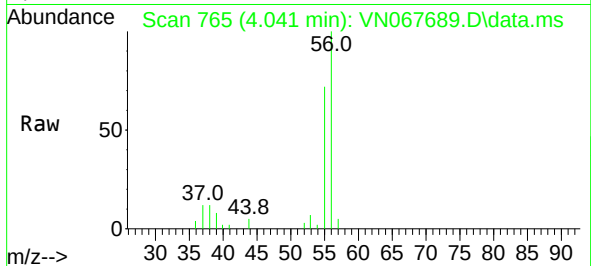


#13
Acrolein
Concen: 129.108 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

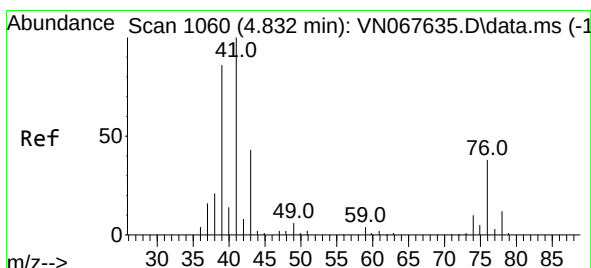
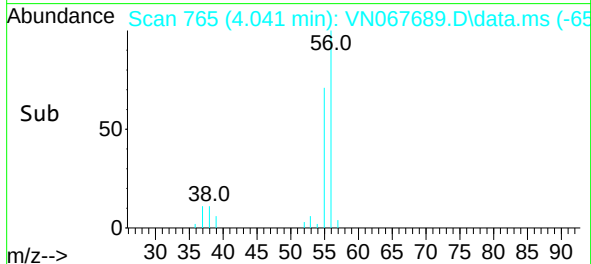
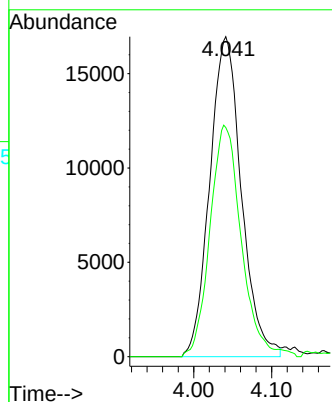
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM

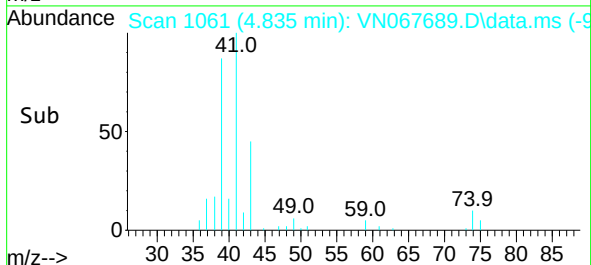
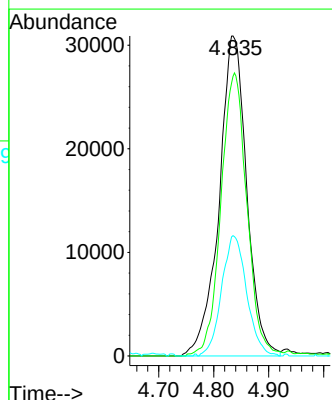
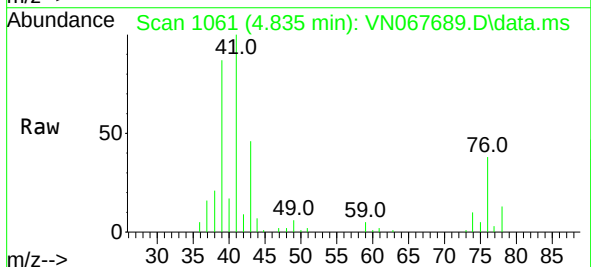


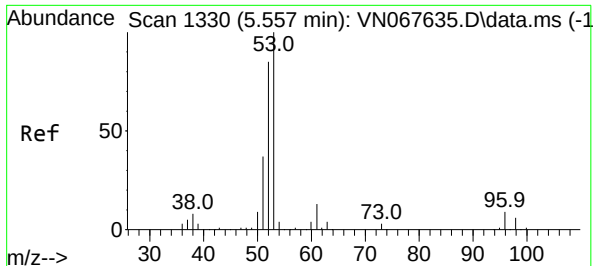
Tgt Ion: 56 Resp: 47811
Ion Ratio Lower Upper
56 100
55 71.5 57.4 86.0



#14
Allyl chloride
Concen: 19.191 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 41 Resp: 108037
Ion Ratio Lower Upper
41 100
39 82.9 60.9 91.3
76 34.0 24.3 36.5





#15

Acrylonitrile

Concen: 103.609 ug/l

RT: 5.559 min Scan# 1331

Delta R.T. 0.002 min

Lab File: VN067689.D

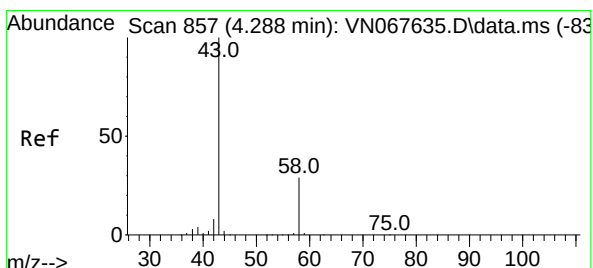
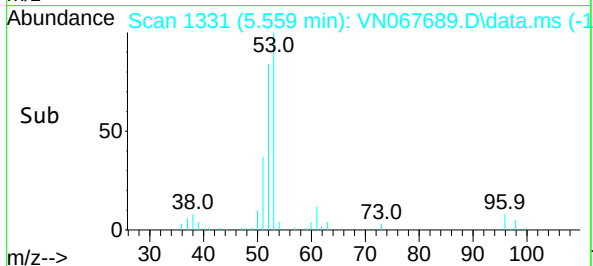
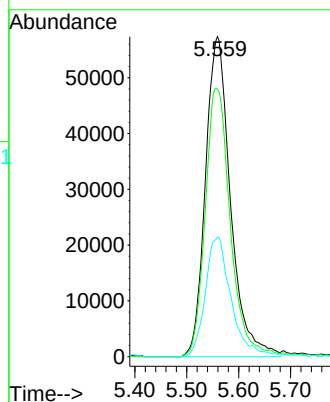
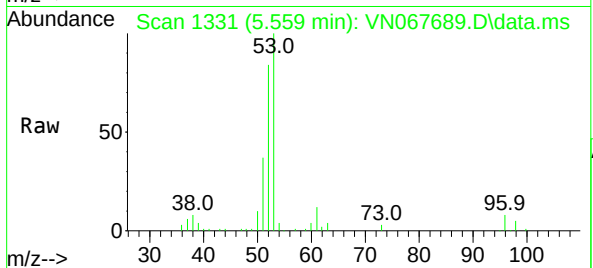
Acq: 9 Jul 2021 16:39

Tgt Ion: 53	Resp: 192221
Ion Ratio	Lower Upper
53 100	
52 83.3	66.2 99.2
51 38.6	30.2 45.4

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



#16

Acetone

Concen: 100.222 ug/l

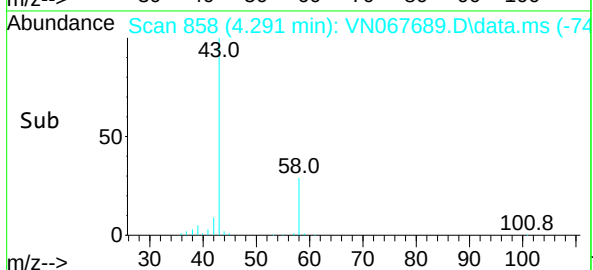
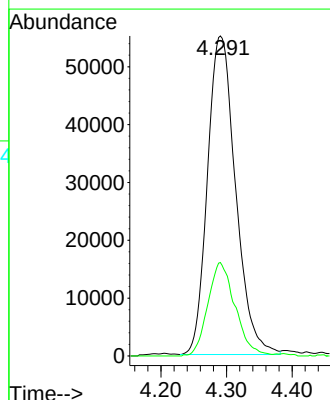
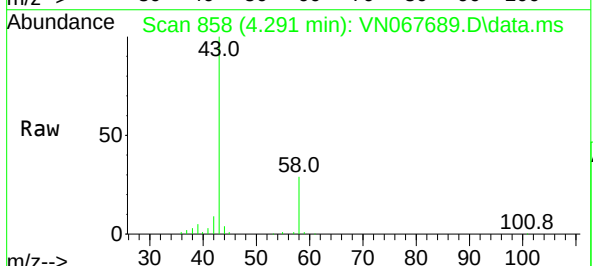
RT: 4.291 min Scan# 858

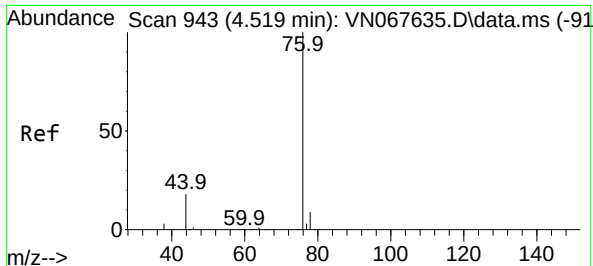
Delta R.T. 0.003 min

Lab File: VN067689.D

Acq: 9 Jul 2021 16:39

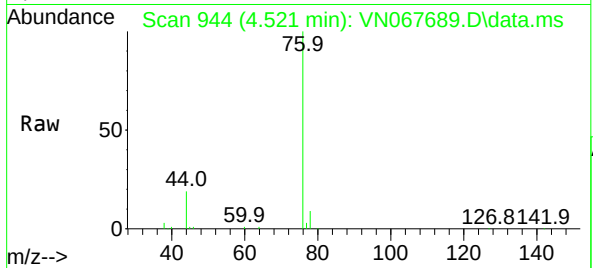
Tgt Ion: 43	Resp: 164152
Ion Ratio	Lower Upper
43 100	
58 29.4	21.2 31.8



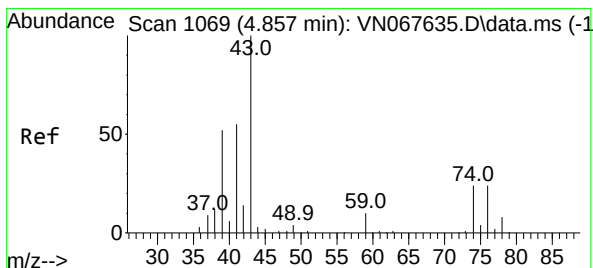
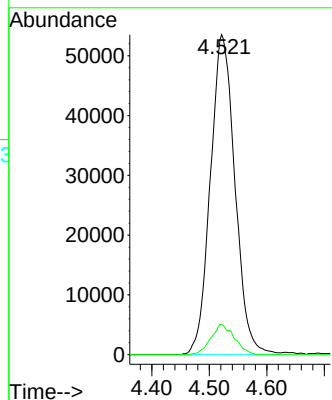
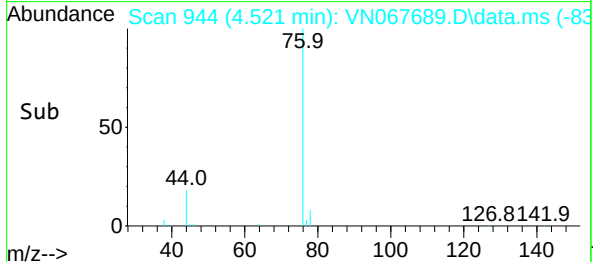


#17
Carbon Disulfide
Concen: 18.771 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

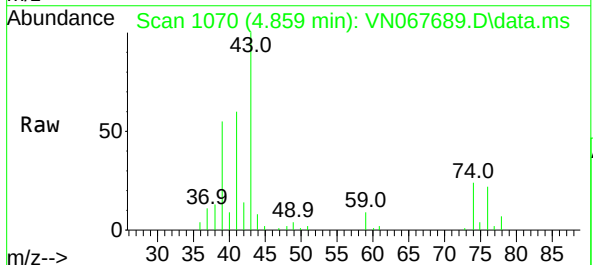
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02



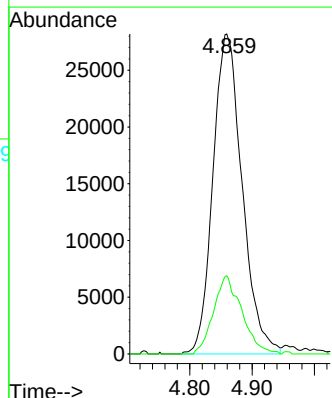
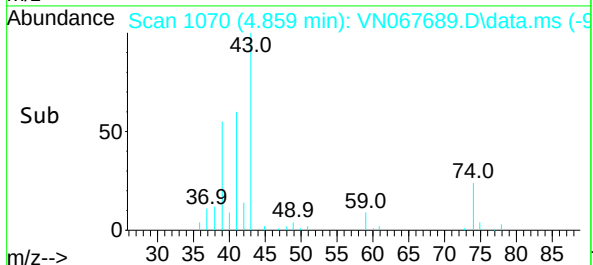
Tgt Ion: 76 Resp: 159240
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

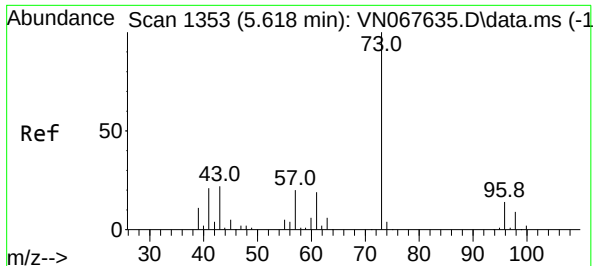


#18
Methyl Acetate
Concen: 19.935 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



Tgt Ion: 43 Resp: 91712
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0





#19

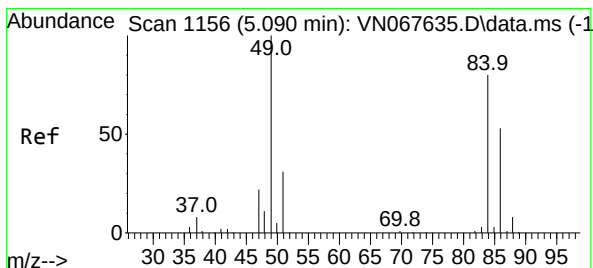
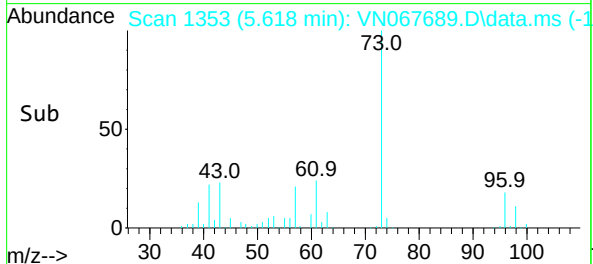
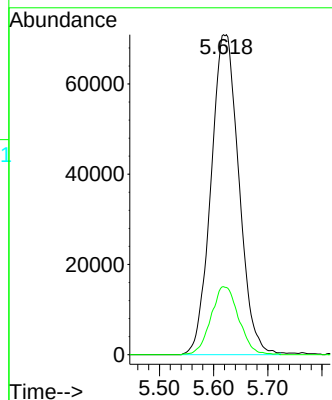
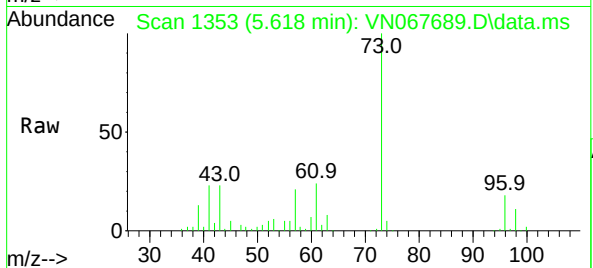
Methyl tert-butyl Ether
Concen: 19.989 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 73 Resp: 253673
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

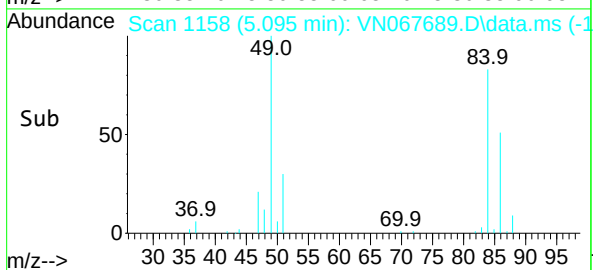
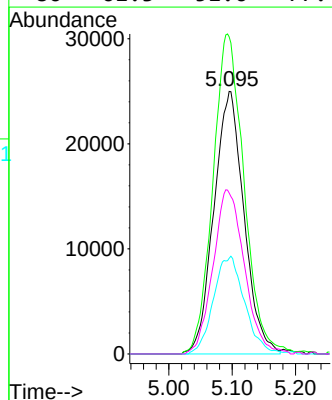
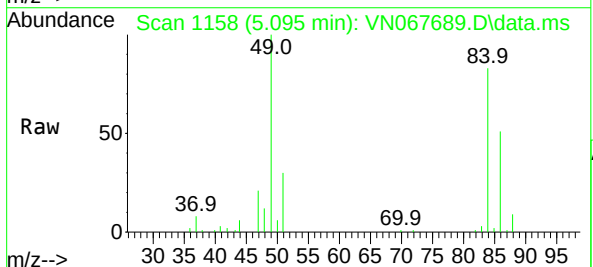
MMDadoda
7/12/2021 5:44:46 PM

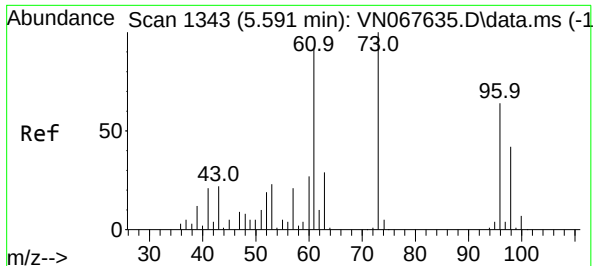


#20

Methylene Chloride
Concen: 21.144 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 84 Resp: 82381
Ion Ratio Lower Upper
84 100
49 120.7 110.9 166.3
51 36.4 32.6 49.0
86 61.3 51.6 77.4





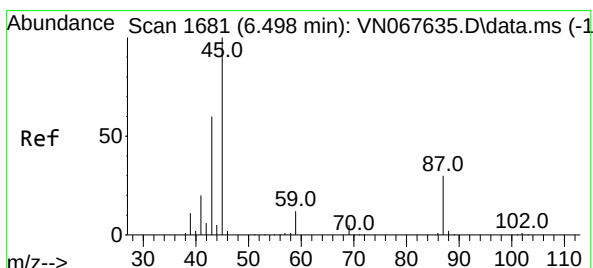
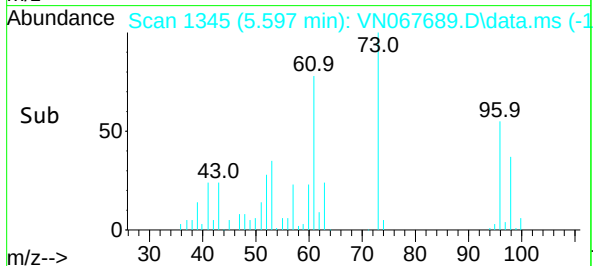
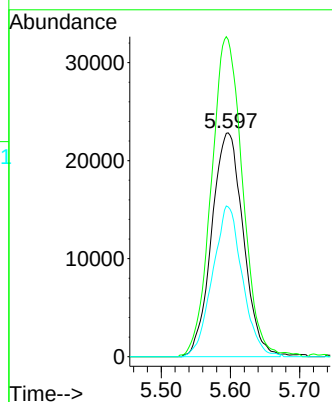
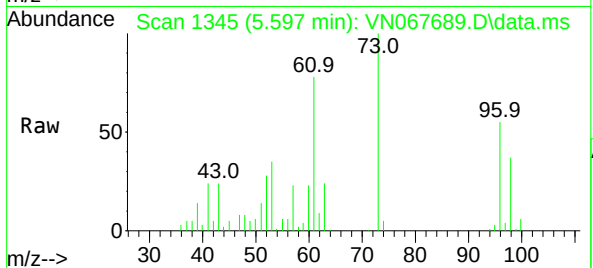
#21
trans-1,2-Dichloroethene
Concen: 19.991 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.006 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 96 Resp: 72384
Ion Ratio Lower Upper
96 100
61 140.9 123.5 185.3
98 66.9 48.6 72.8

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

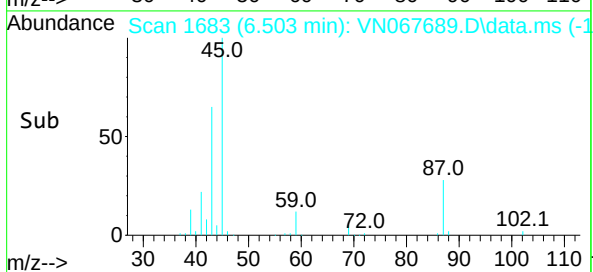
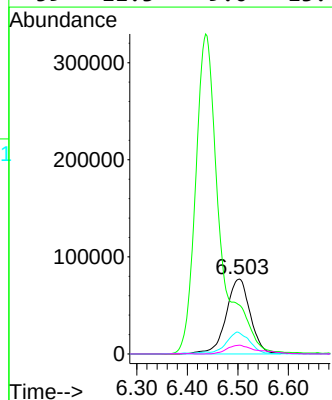
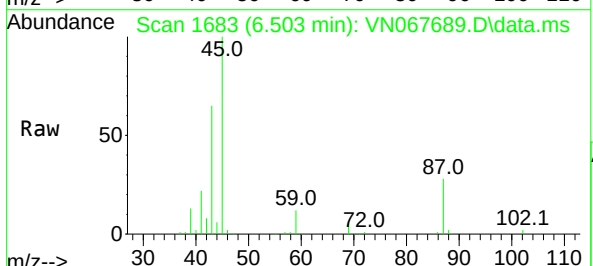
Manual Integrations
APPROVED

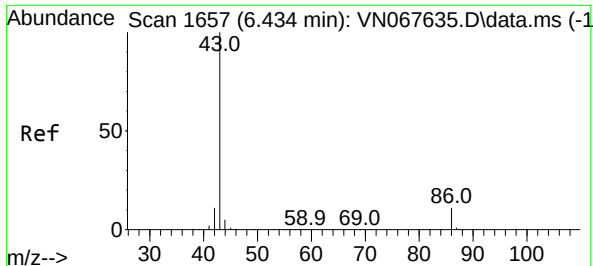
MMDadoda
7/12/2021 5:44:46 PM



#22
Diisopropyl ether
Concen: 20.071 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 45 Resp: 256405
Ion Ratio Lower Upper
45 100
43 62.1 49.4 74.2
87 27.8 20.9 31.3
59 11.3 9.0 13.4





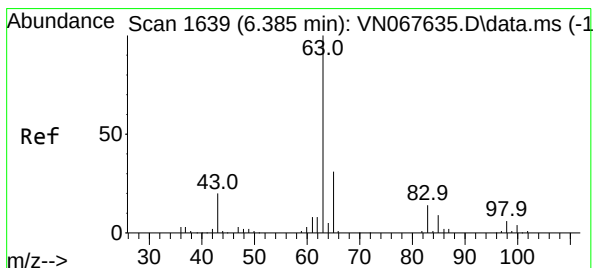
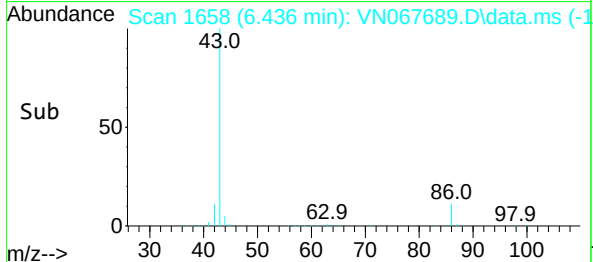
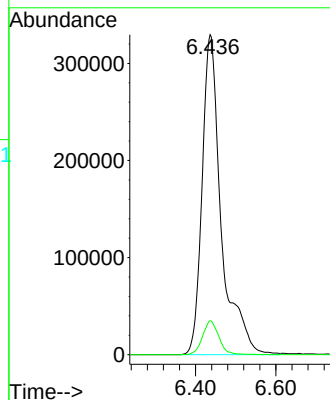
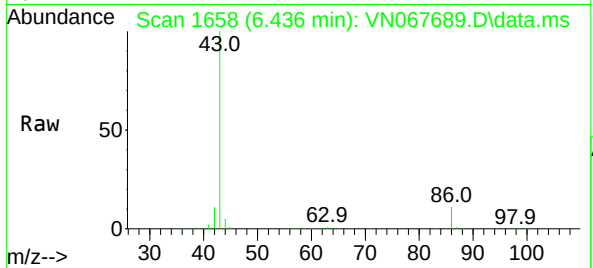
#23
 Vinyl Acetate
 Concen: 100.017 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN067689.D
 Acq: 9 Jul 2021 16:39

Tgt Ion: 43 Resp: 1092348
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.3 10.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

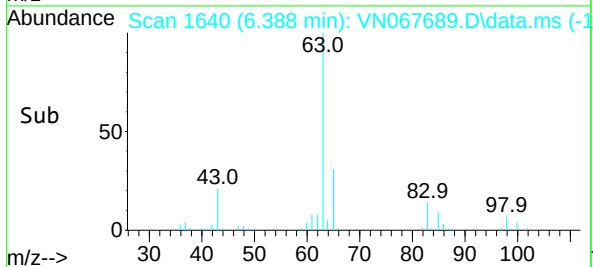
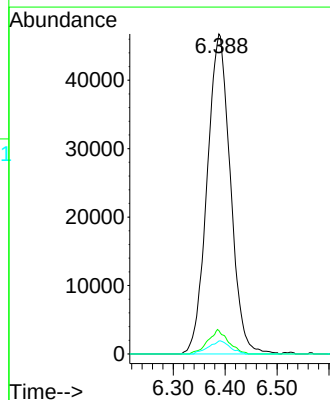
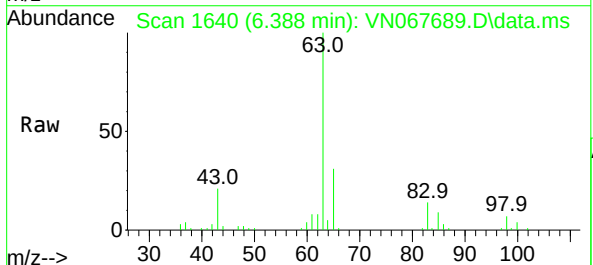
Manual Integrations
 APPROVED

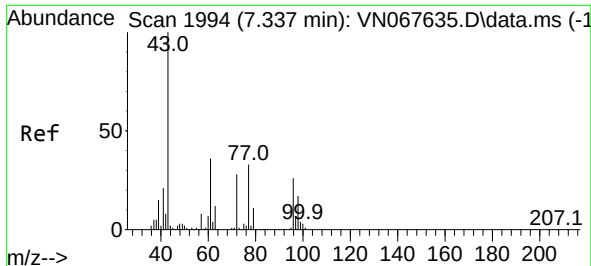
MMDadoda
 7/12/2021 5:44:46 PM



#24
 1,1-Dichloroethane
 Concen: 20.387 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN067689.D
 Acq: 9 Jul 2021 16:39

Tgt Ion: 63 Resp: 145190
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.0 9.0
 100 4.0 1.9 5.7





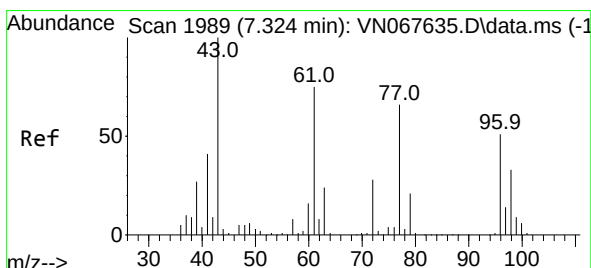
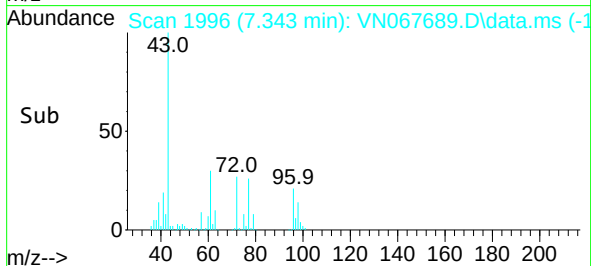
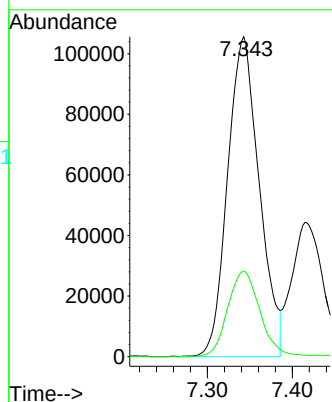
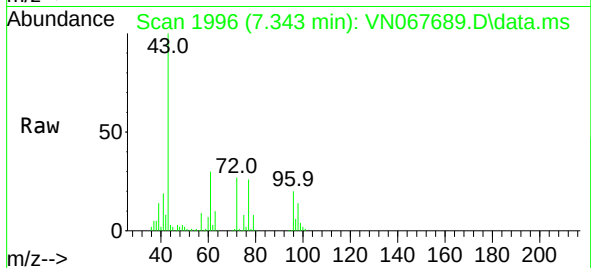
#25
2-Butanone
Concen: 100.678 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 43 Resp: 273822
Ion Ratio Lower Upper
43 100
72 26.8 19.7 29.5

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

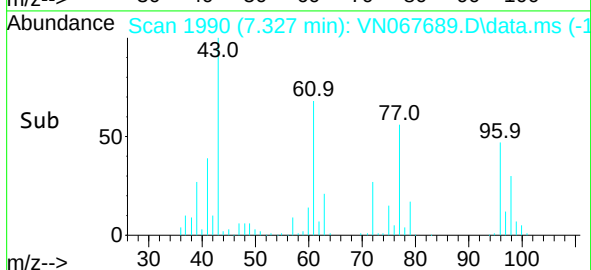
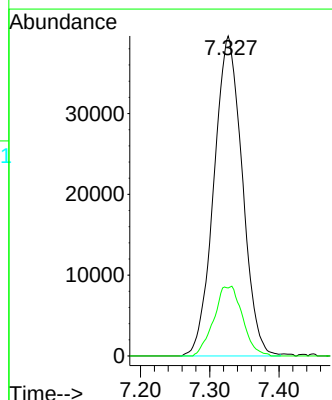
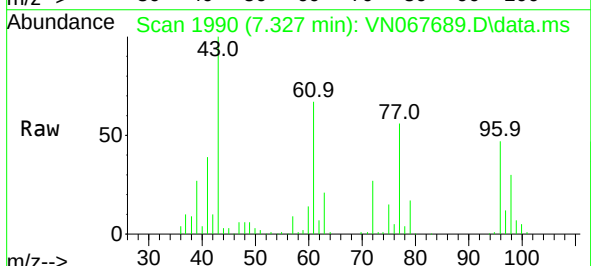
Manual Integrations
APPROVED

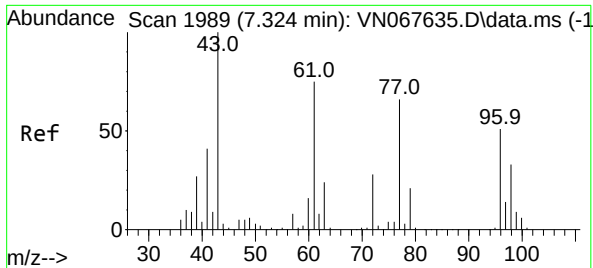
MMDadoda
7/12/2021 5:44:46 PM



#26
2,2-Dichloropropane
Concen: 18.080 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 77 Resp: 112521
Ion Ratio Lower Upper
77 100
97 11.5 9.8 29.3





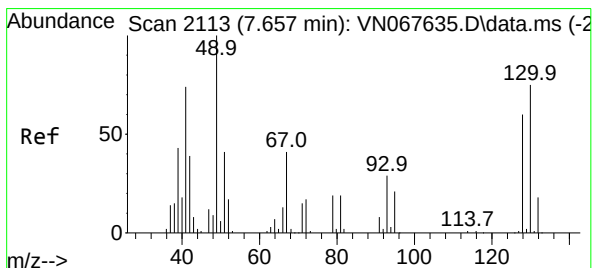
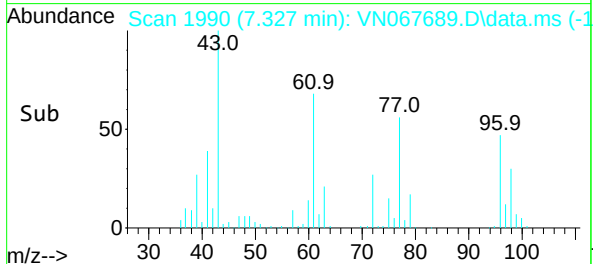
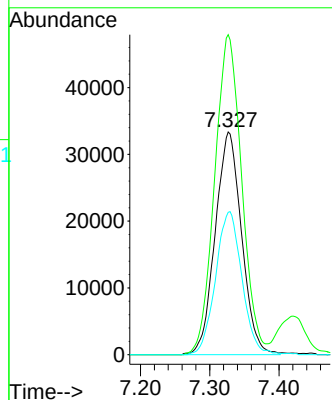
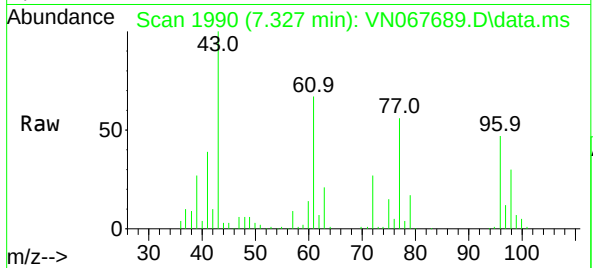
#27
 cis-1,2-Dichloroethene
 Concen: 19.483 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.003 min
 Lab File: VN067689.D
 Acq: 9 Jul 2021 16:39

Tgt Ion: 96 Resp: 88281
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 338.8
 98 64.2 0.0 129.8

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

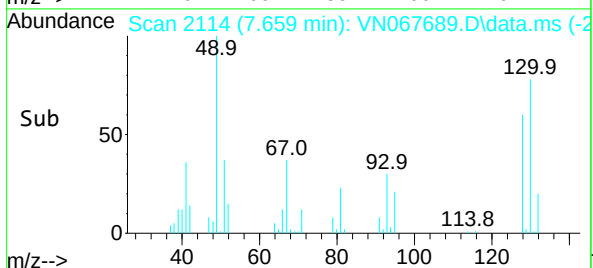
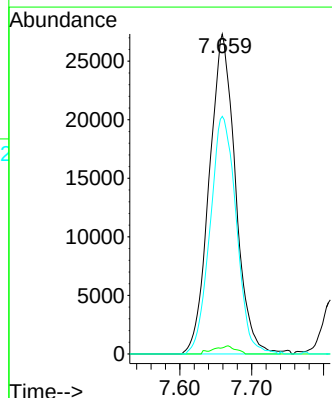
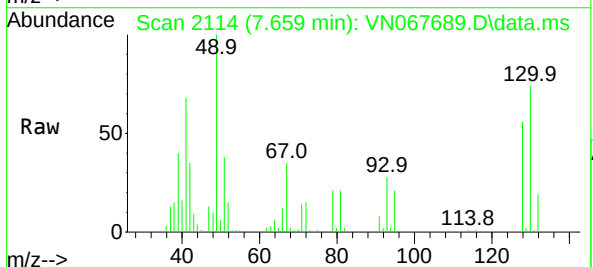
Manual Integrations
 APPROVED

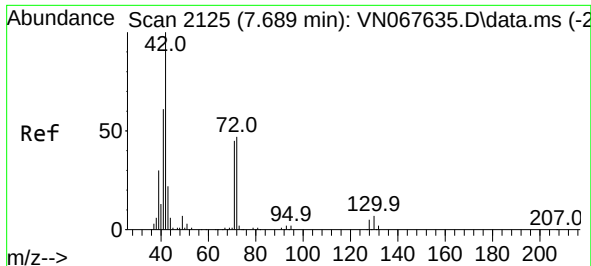
MMDadoda
 7/12/2021 5:44:46 PM



#28
 Bromochloromethane
 Concen: 19.833 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN067689.D
 Acq: 9 Jul 2021 16:39

Tgt Ion: 49 Resp: 68923
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 74.5 49.7 74.5





#29

Tetrahydrofuran

Concen: 100.666 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.002 min

Lab File: VN067689.D

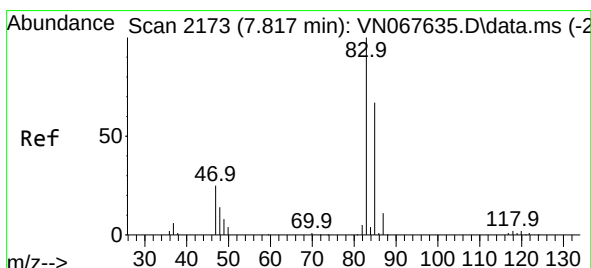
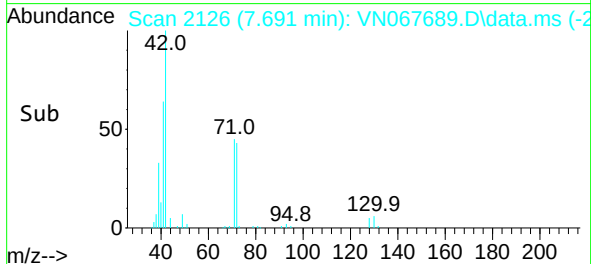
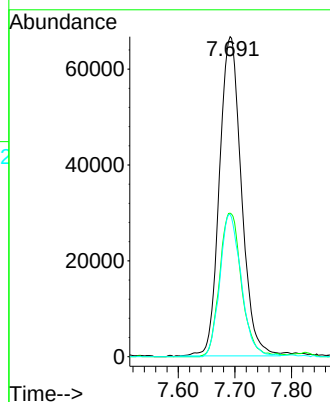
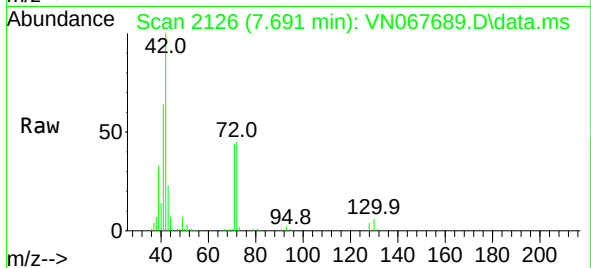
Acq: 9 Jul 2021 16:39

Tgt Ion:	42	Resp:	180049
Ion	Ratio	Lower	Upper
42	100		
72	44.8	32.8	49.2
71	43.3	31.2	46.8

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



#30

Chloroform

Concen: 19.954 ug/l

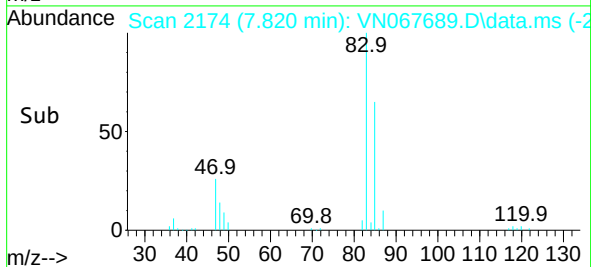
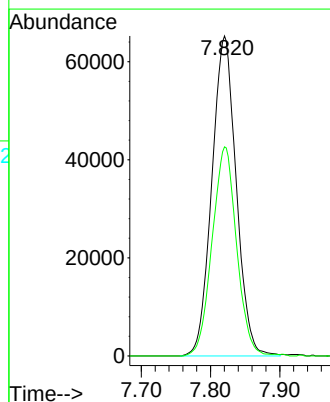
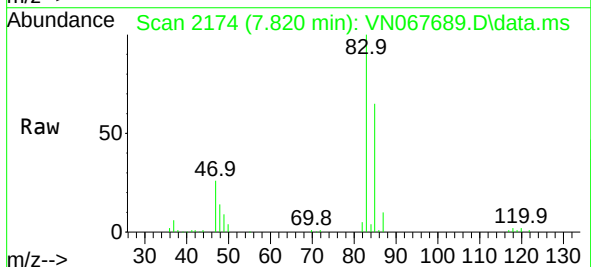
RT: 7.820 min Scan# 2174

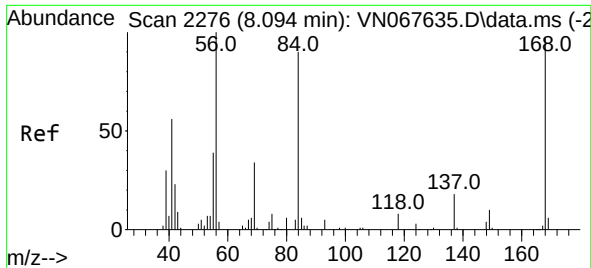
Delta R.T. 0.003 min

Lab File: VN067689.D

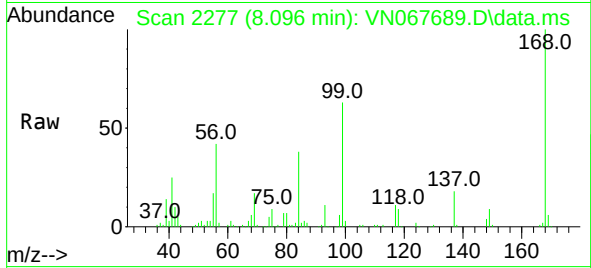
Acq: 9 Jul 2021 16:39

Tgt Ion:	83	Resp:	159616
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.5	77.3

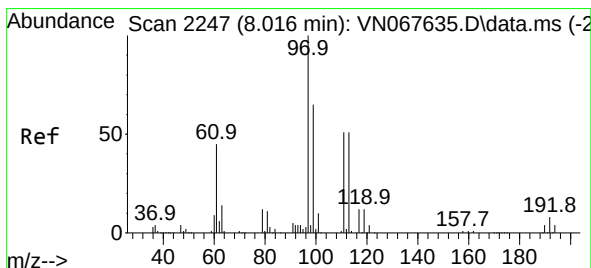
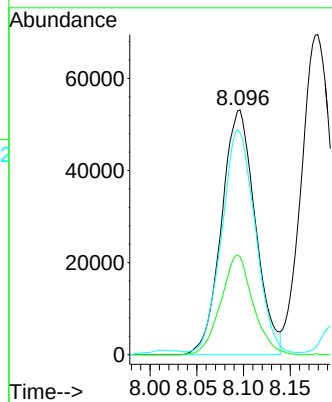
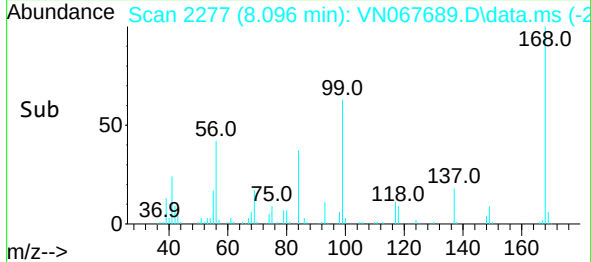




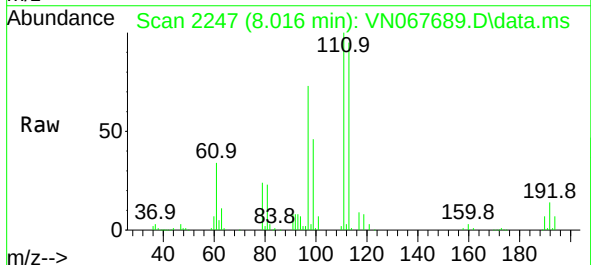
#31
Cyclohexane
Concen: 18.343 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



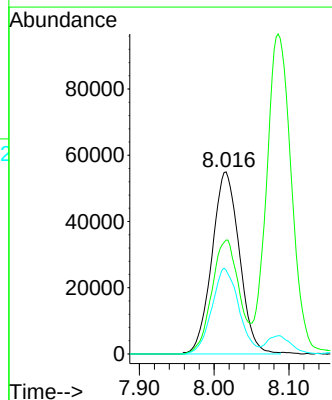
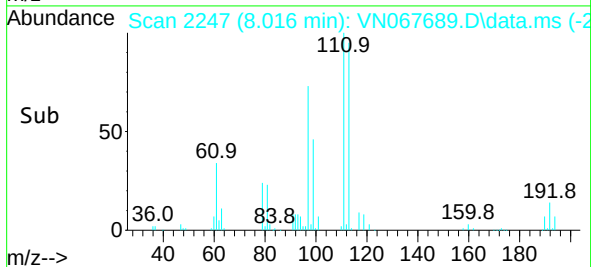
Tgt Ion: 56 Resp: 133881
Ion Ratio Lower Upper
56 100
69 40.0 27.3 40.9
84 89.3 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 20.264 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



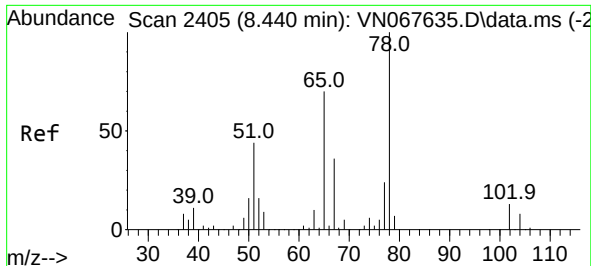
Tgt Ion: 97 Resp: 140557
Ion Ratio Lower Upper
97 100
99 61.9 50.2 75.2
61 46.2 38.2 57.2



Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



#33

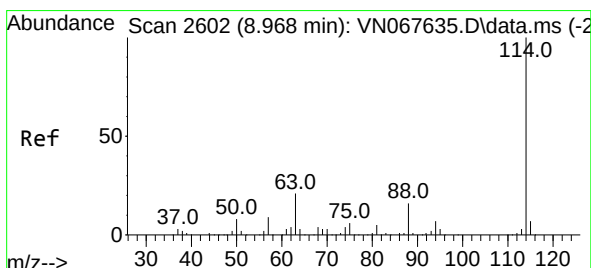
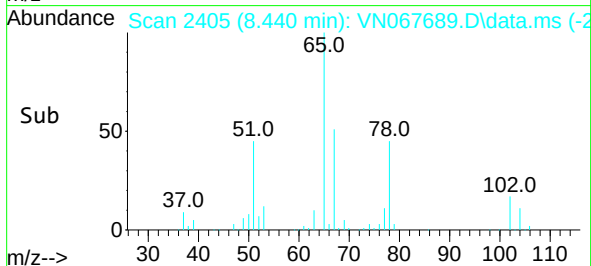
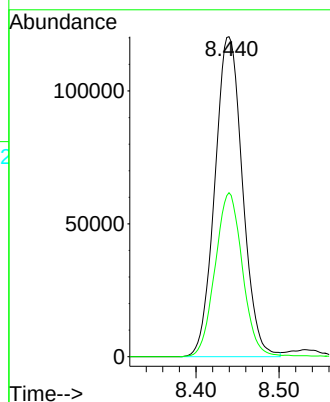
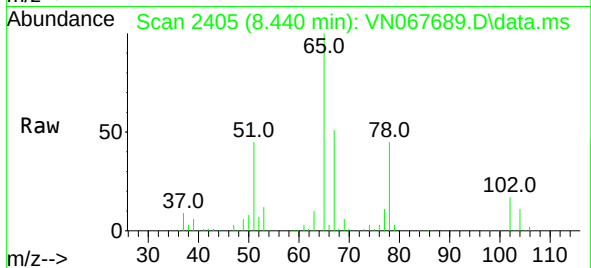
1,2-Dichloroethane-d4
Concen: 53.616 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	98.6

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

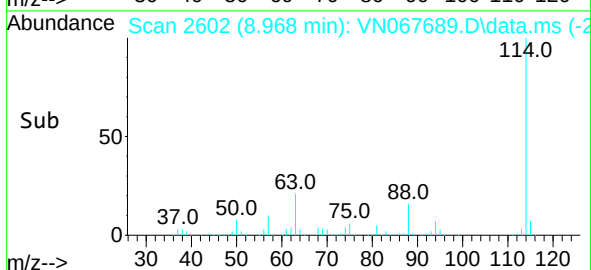
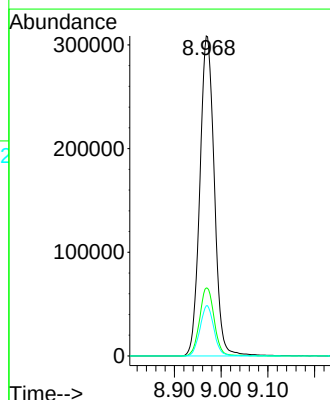
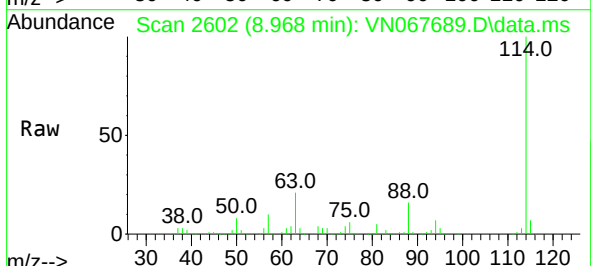
MMDadoda
7/12/2021 5:44:46 PM

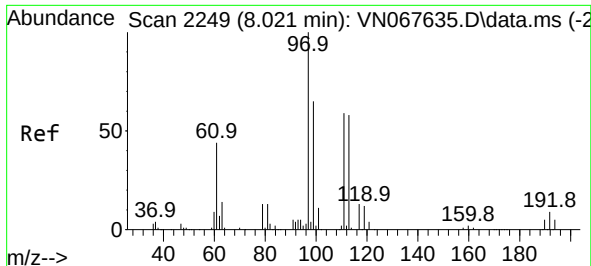


#34

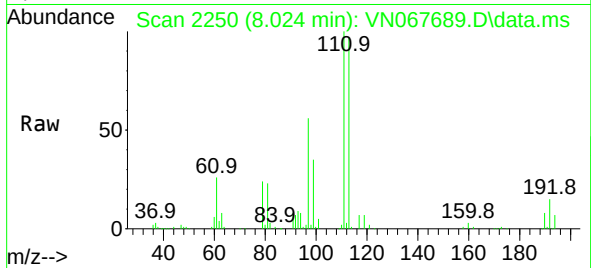
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	49.0
88	15.7	0.0	36.6

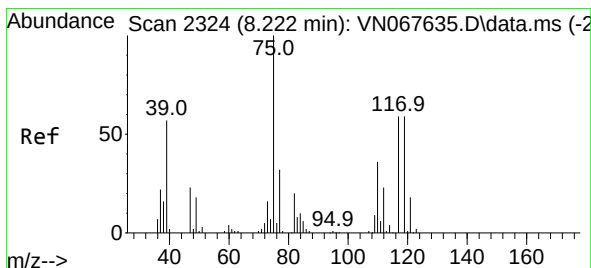
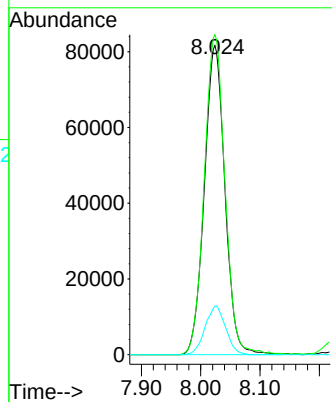
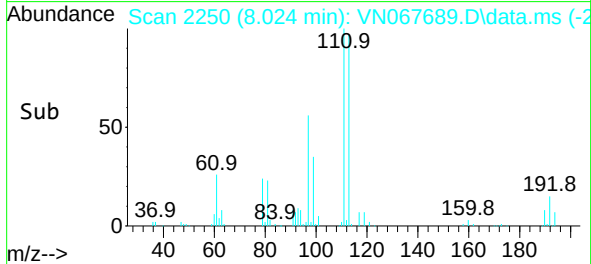




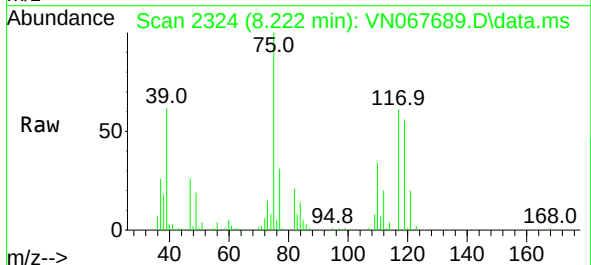
#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



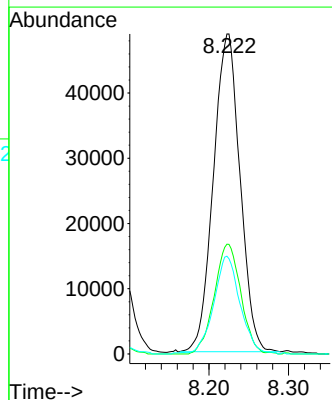
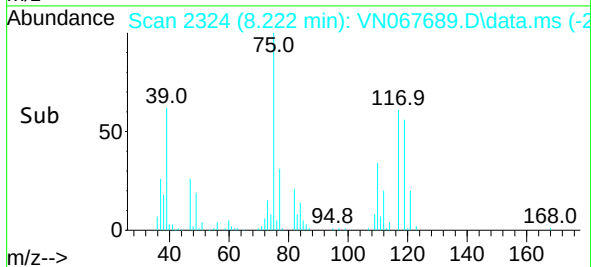
Tgt Ion: 113 Resp: 196741
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 15.7 13.4 20.0



#36
1,1-Dichloropropene
Concen: 18.384 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



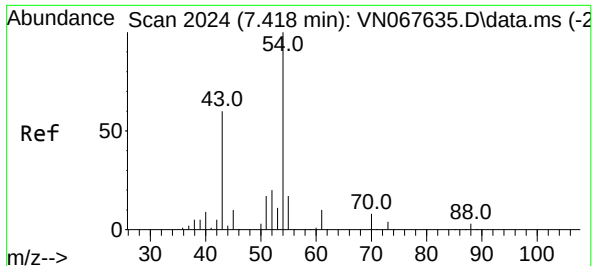
Tgt Ion: 75 Resp: 113199
Ion Ratio Lower Upper
75 100
110 34.4 15.7 47.0
77 30.4 24.6 37.0



Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



#37

Ethyl Acetate

Concen: 18.910 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN067689.D

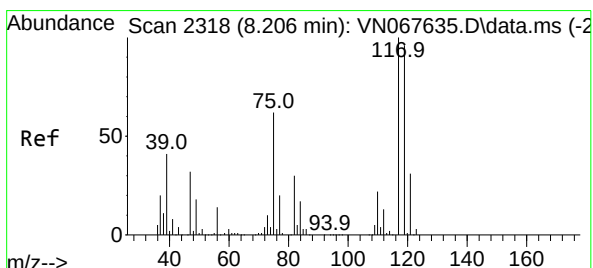
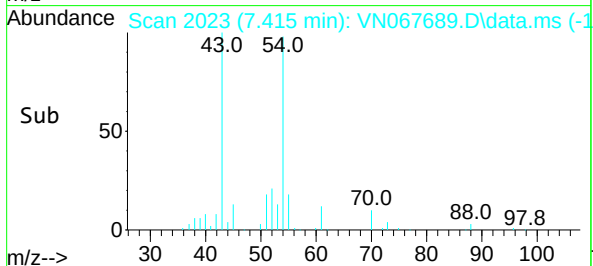
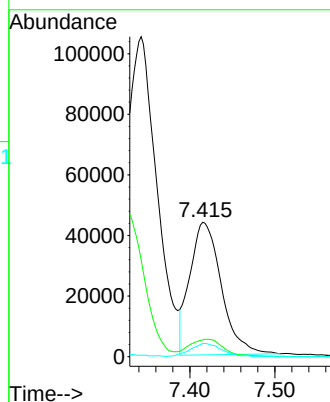
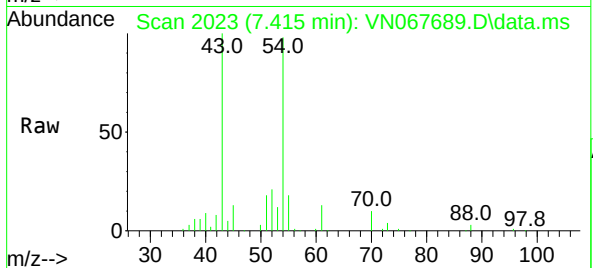
Acq: 9 Jul 2021 16:39

Tgt Ion:	43	Resp:	112820
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.6	16.0
70	9.9	8.1	12.1

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



#38

Carbon Tetrachloride

Concen: 18.785 ug/l

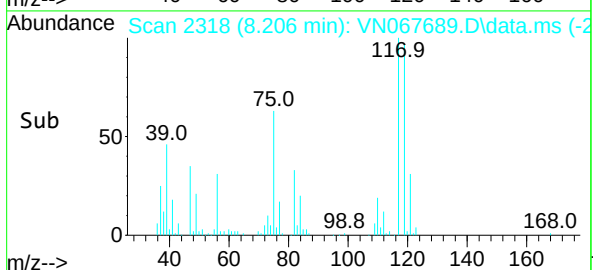
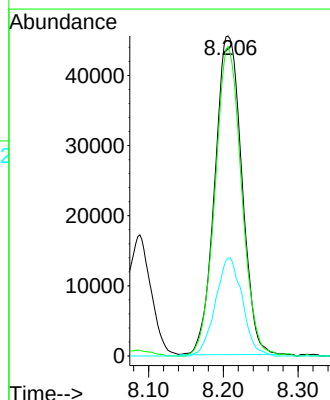
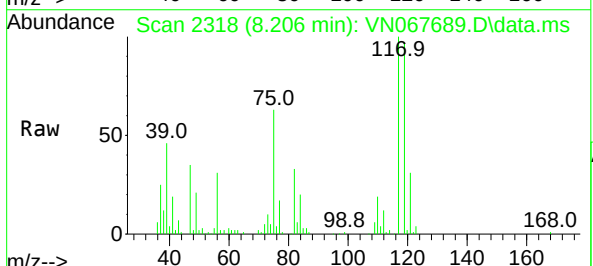
RT: 8.206 min Scan# 2318

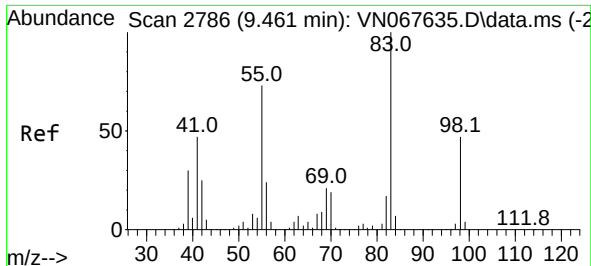
Delta R.T. 0.000 min

Lab File: VN067689.D

Acq: 9 Jul 2021 16:39

Tgt Ion:	117	Resp:	114096
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.4	113.2
121	30.7	23.5	35.3





#39

Methylcyclohexane

Concen: 18.110 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN067689.D

Acq: 9 Jul 2021 16:39

Tgt Ion: 83 Resp: 122074

Ion	Ratio	Lower	Upper
83	100		
55	76.1	66.6	99.8
98	47.5	35.3	52.9

Instrument :

MSVOA_N

ClientSampleId :

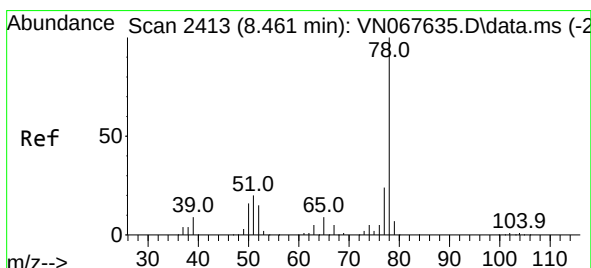
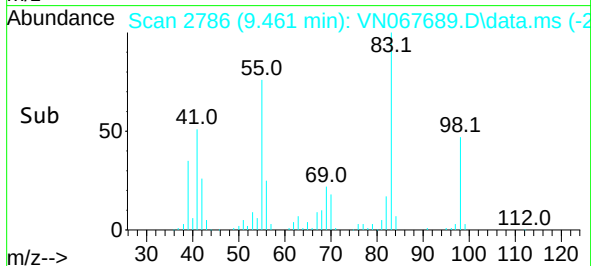
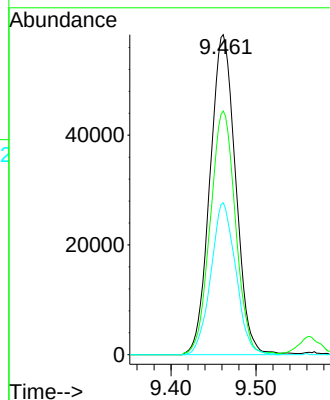
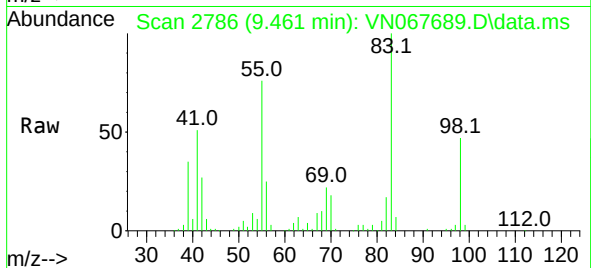
VN0709WBS02

Manual Integrations

APPROVED

MMDadoda

7/12/2021 5:44:46 PM



#40

Benzene

Concen: 18.862 ug/l

RT: 8.461 min Scan# 2413

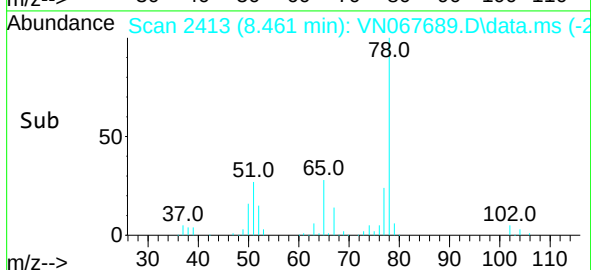
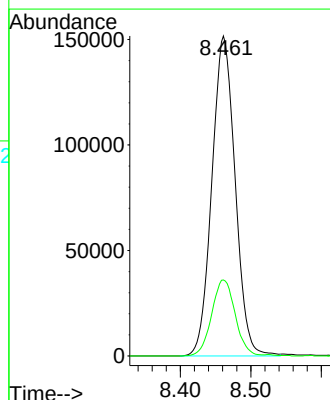
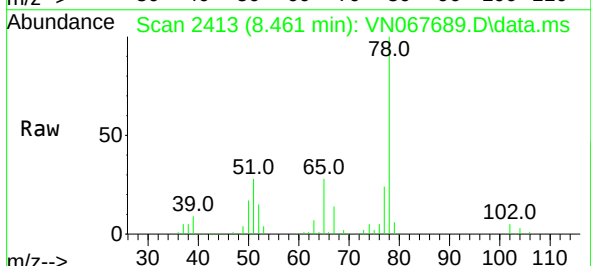
Delta R.T. 0.000 min

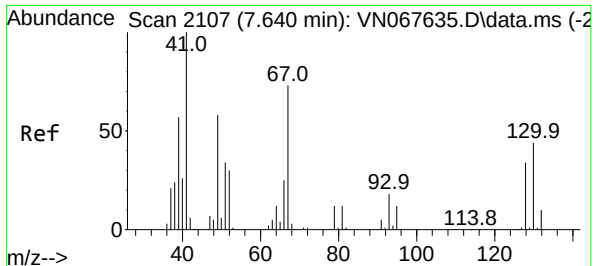
Lab File: VN067689.D

Acq: 9 Jul 2021 16:39

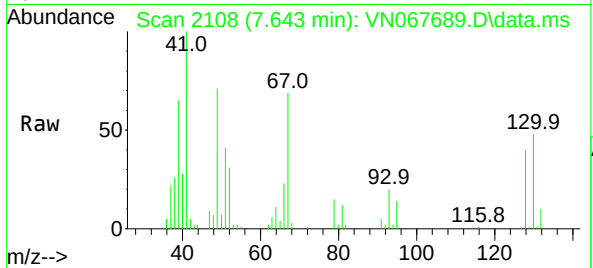
Tgt Ion: 78 Resp: 347658

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3



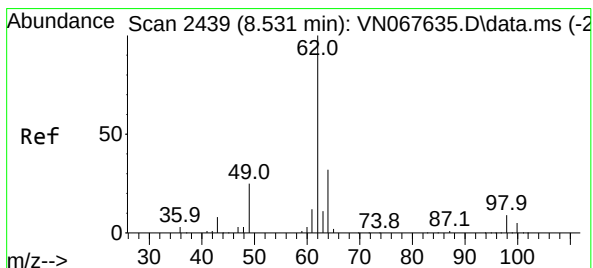
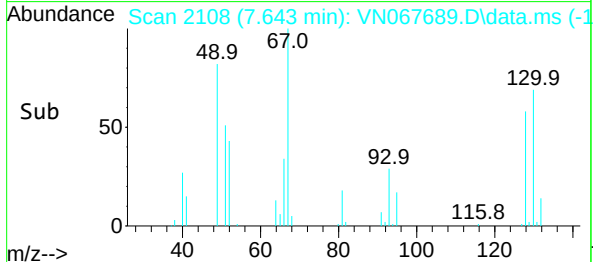
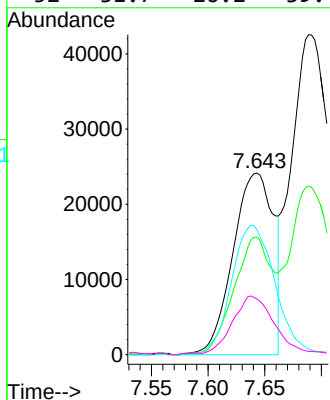


#41
Methacrylonitrile
Concen: 19.599 ug/l
RT: 7.643 min Scan# 2108
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

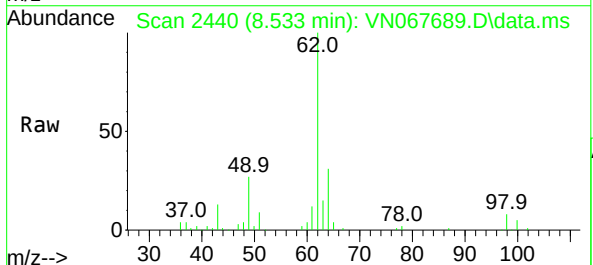


Tgt Ion: 41 Resp: 60097

Ion	Ratio	Lower	Upper
41	100		
39	58.8	47.6	71.4
67	76.2	57.7	86.5
52	31.7	26.2	39.4

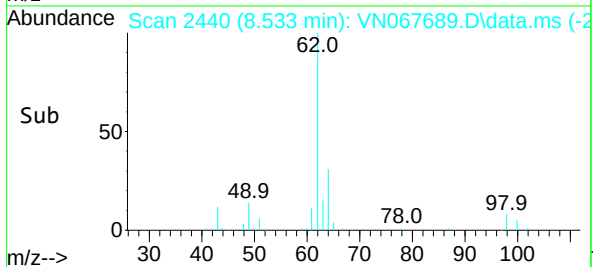
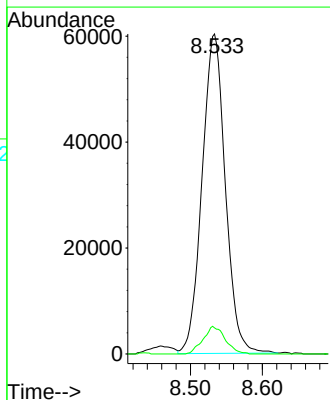


#42
1,2-Dichloroethane
Concen: 19.853 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



Tgt Ion: 62 Resp: 135887

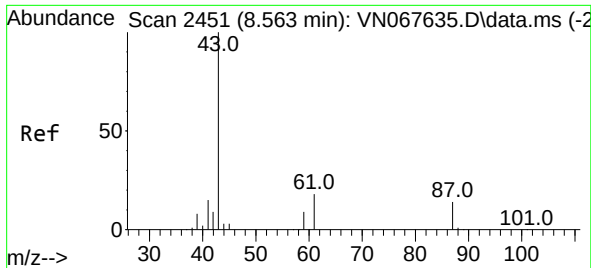
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	14.2



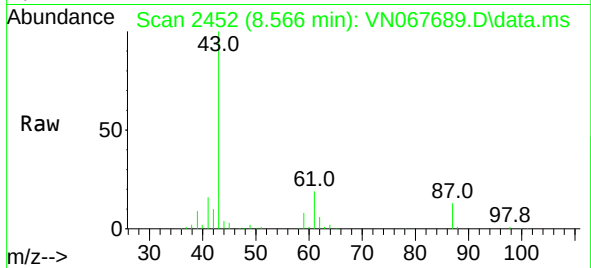
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

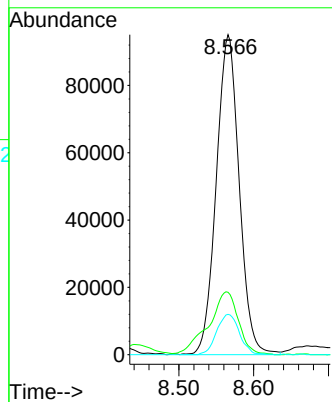
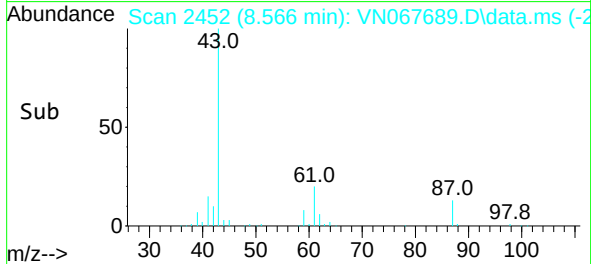
MMDadoda
7/12/2021 5:44:46 PM



#43
Isopropyl Acetate
Concen: 19.289 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



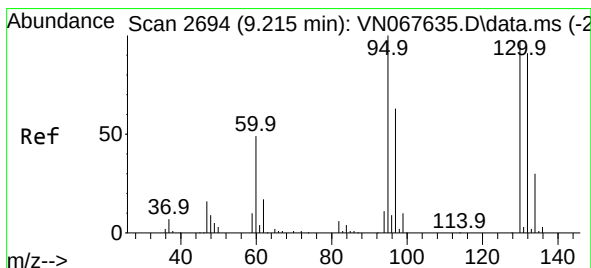
Tgt Ion: 43 Resp: 202430
Ion Ratio Lower Upper
43 100
61 25.7 19.0 28.4
87 12.5 9.5 14.3



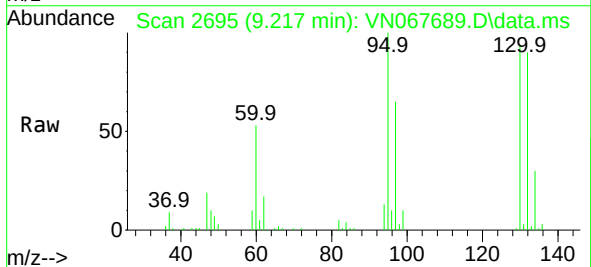
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

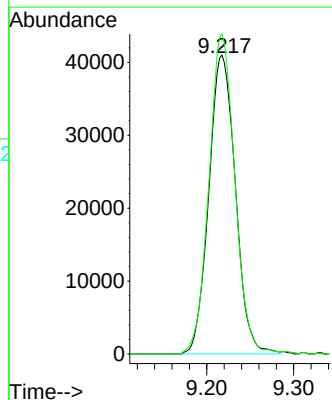
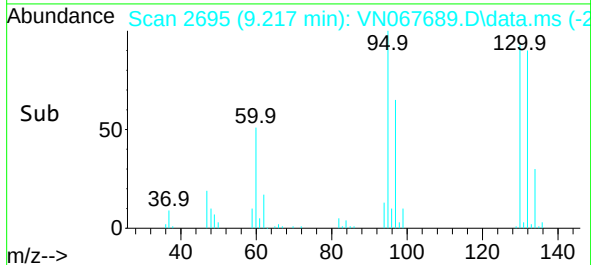
MMDadoda
7/12/2021 5:44:46 PM

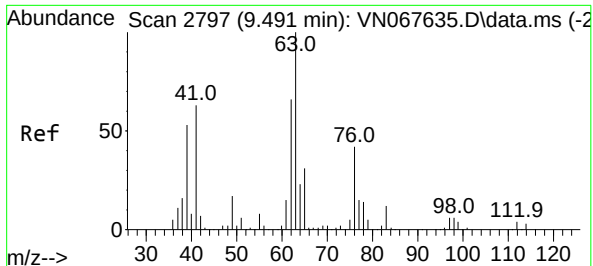


#44
Trichloroethene
Concen: 18.605 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



Tgt Ion: 130 Resp: 87028
Ion Ratio Lower Upper
130 100
95 107.1 0.0 234.4





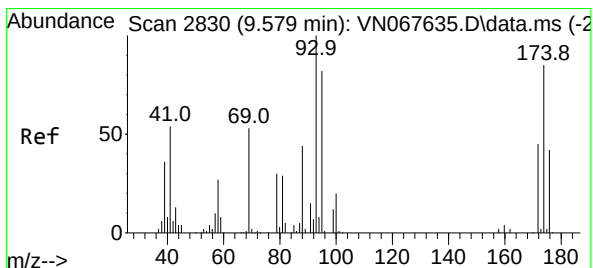
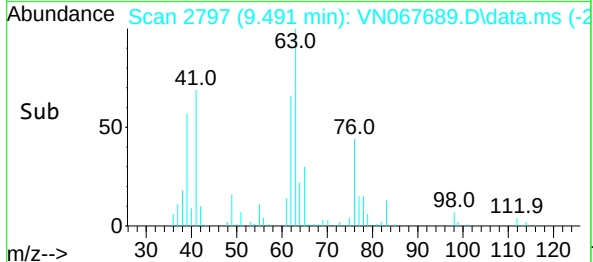
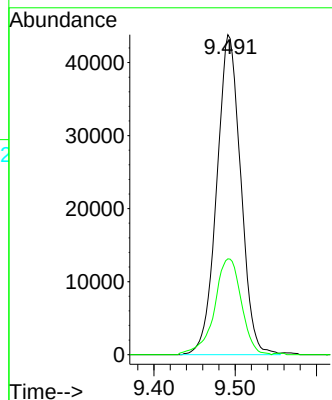
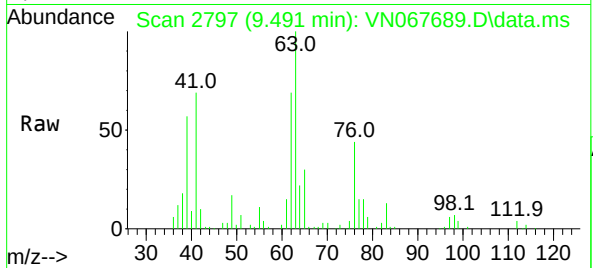
#45
1,2-Dichloropropane
Concen: 19.251 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 63 Resp: 89837
Ion Ratio Lower Upper
63 100
65 29.5 24.3 36.5

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

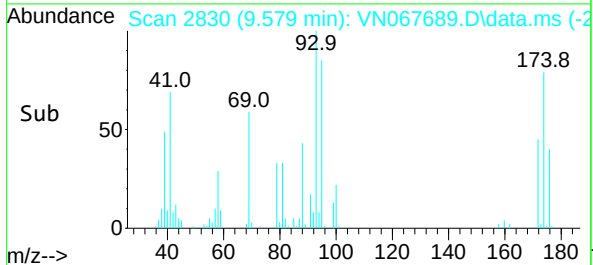
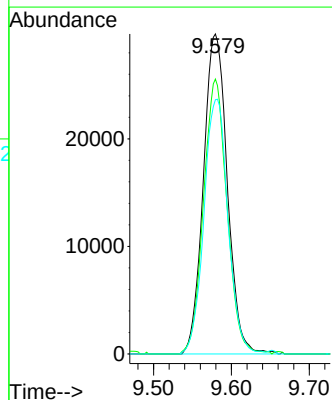
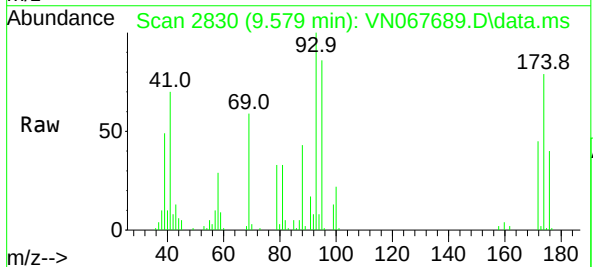
Manual Integrations
APPROVED

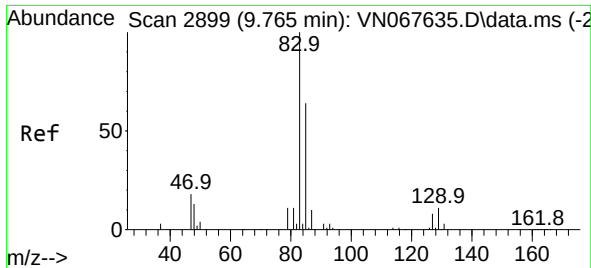
MMDadoda
7/12/2021 5:44:46 PM



#46
Dibromomethane
Concen: 19.235 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

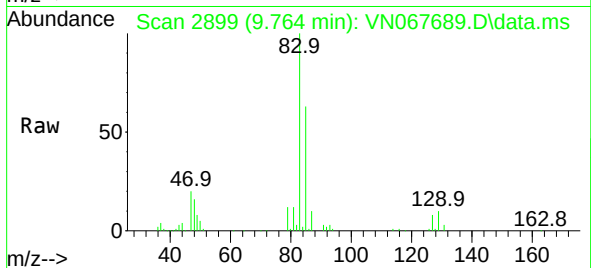
Tgt Ion: 93 Resp: 63691
Ion Ratio Lower Upper
93 100
95 84.2 66.1 99.1
174 79.8 61.0 91.4





#47
Bromodichloromethane
Concen: 19.298 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.001 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

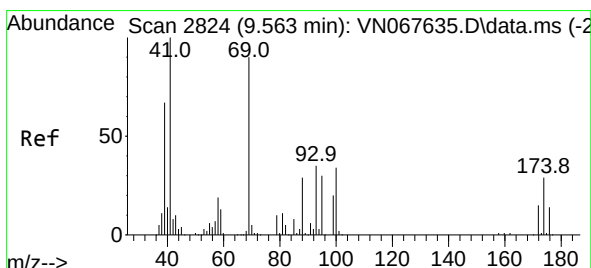
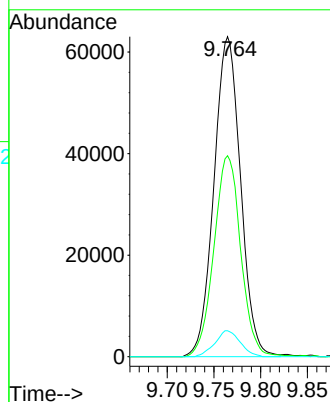
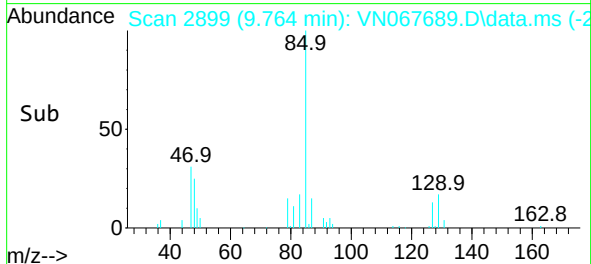
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02



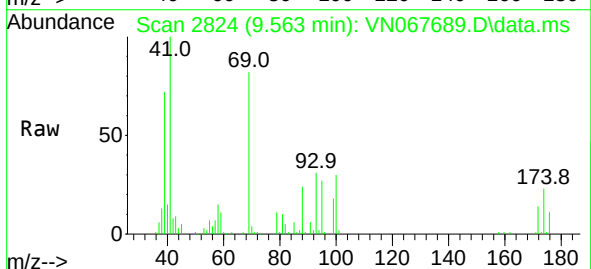
Tgt Ion: 83 Resp: 124921
Ion Ratio Lower Upper
83 100
85 62.8 49.9 74.9
127 8.1 6.1 9.1

Manual Integrations
APPROVED

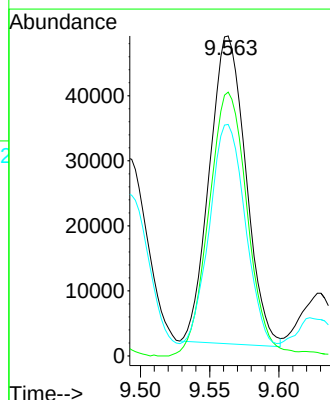
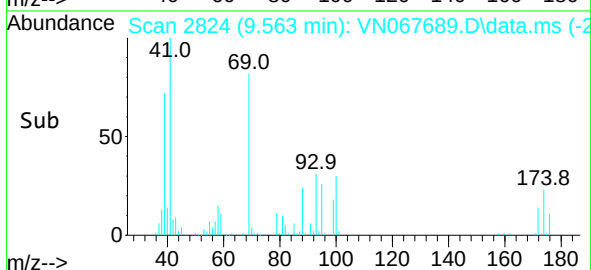
MMDadoda
7/12/2021 5:44:46 PM

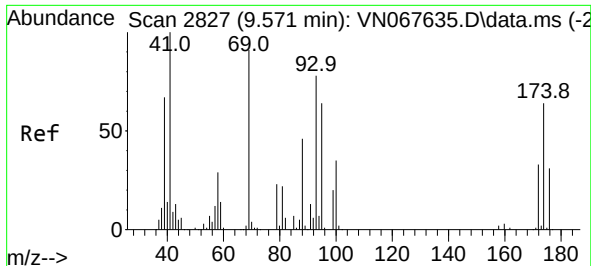


#48
Methyl methacrylate
Concen: 18.633 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



Tgt Ion: 41 Resp: 86490
Ion Ratio Lower Upper
41 100
69 90.8 64.6 96.8
39 76.9 53.3 79.9





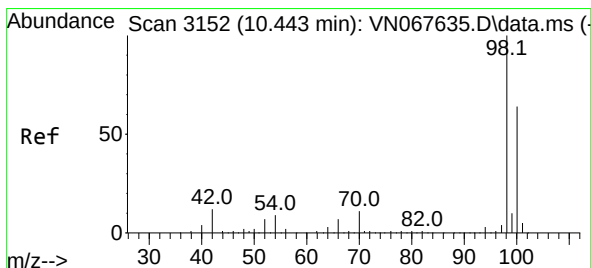
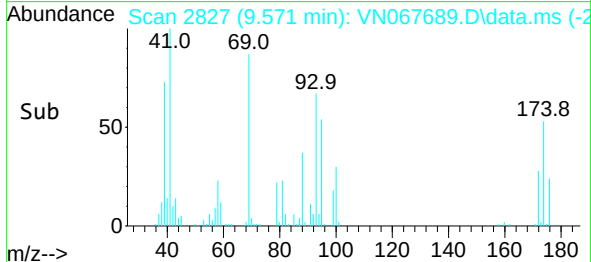
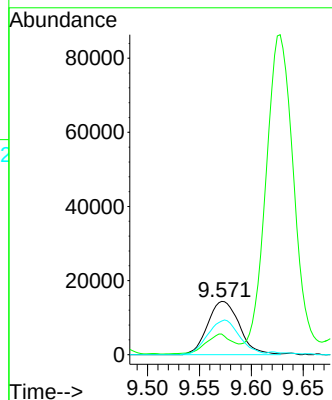
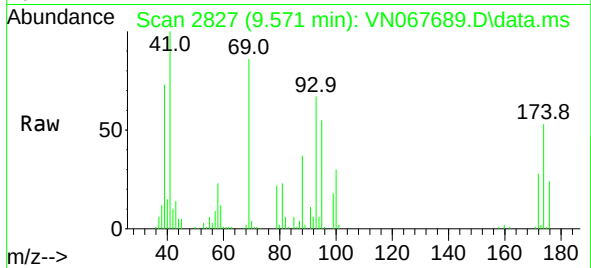
#49
1,4-Dioxane
Concen: 353.081 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 88 Resp: 30623
Ion Ratio Lower Upper
88 100
43 31.3 28.8 43.2
58 65.0 60.4 90.6

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

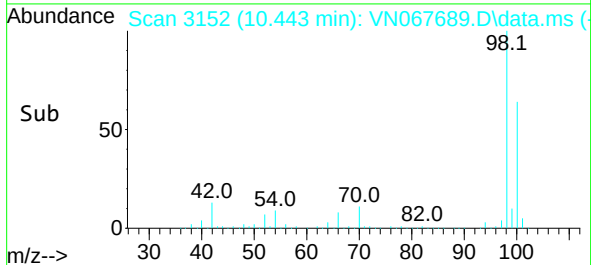
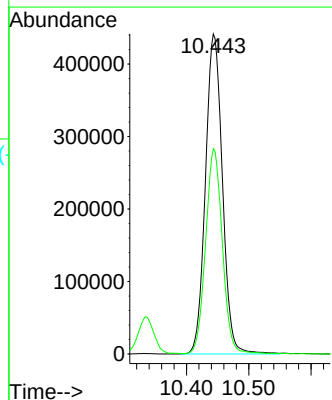
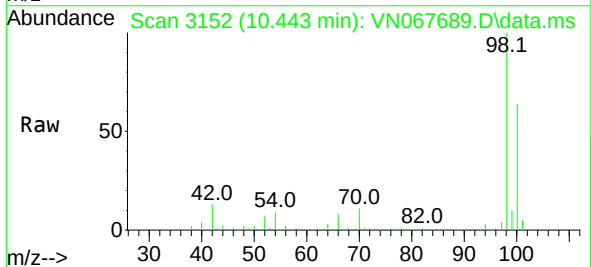
Manual Integrations
APPROVED

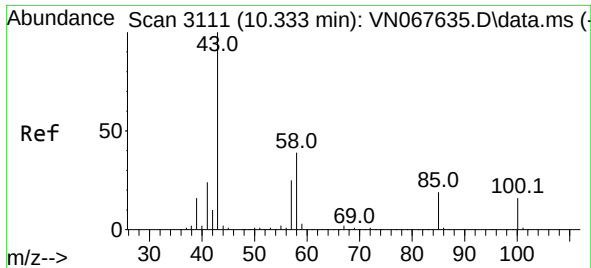
MMDadoda
7/12/2021 5:44:46 PM



#50
Toluene-d8
Concen: 49.899 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 98 Resp: 836501
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5





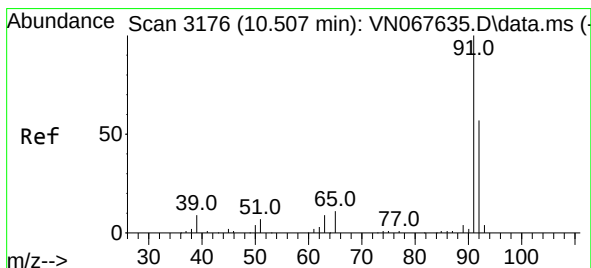
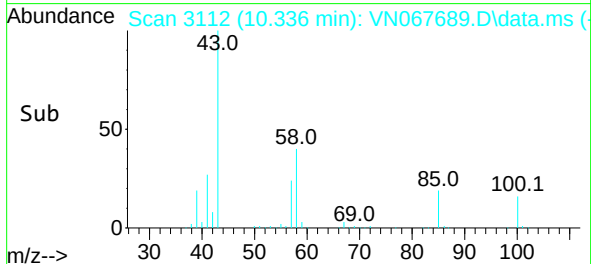
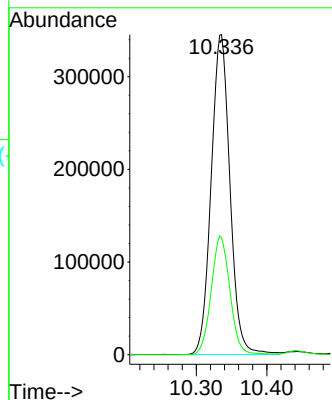
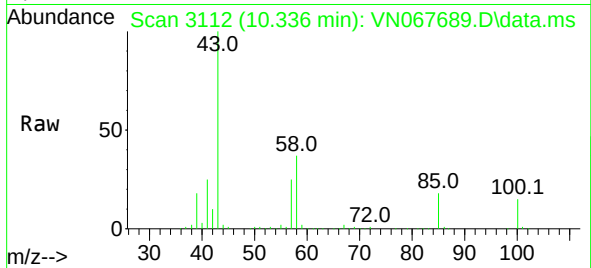
#51
4-Methyl-2-Pentanone
Concen: 99.147 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 43 Resp: 639239
Ion Ratio Lower Upper
43 100
58 37.0 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

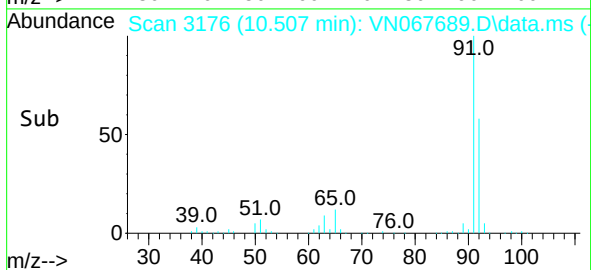
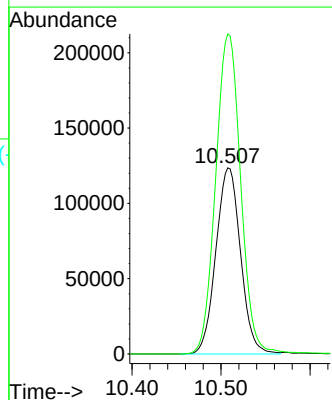
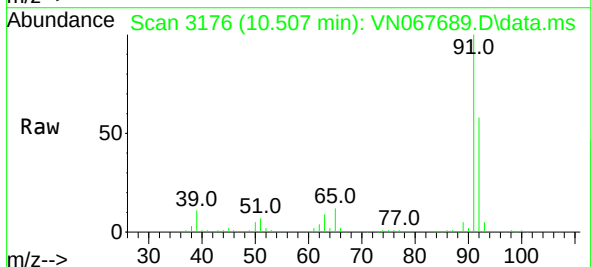
Manual Integrations
APPROVED

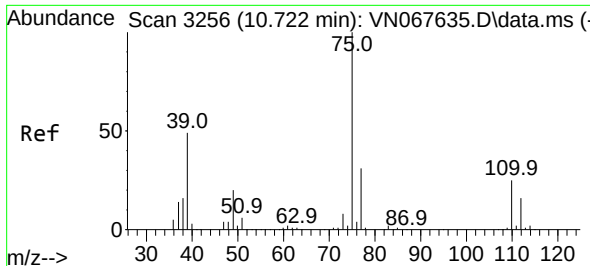
MMDadoda
7/12/2021 5:44:46 PM



#52
Toluene
Concen: 19.715 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 92 Resp: 238031
Ion Ratio Lower Upper
92 100
91 175.2 139.6 209.4





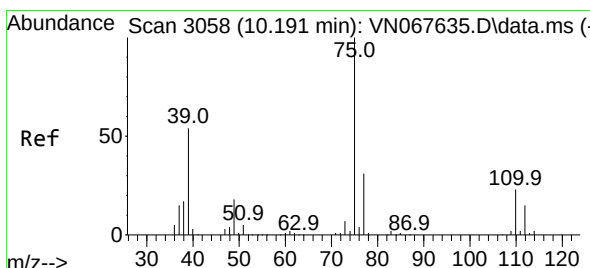
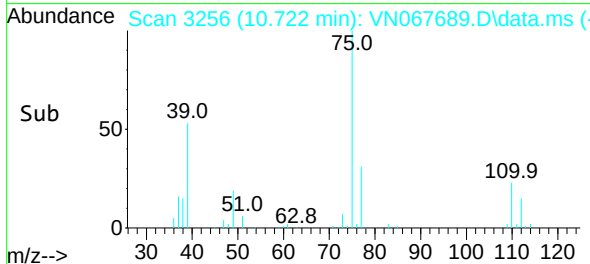
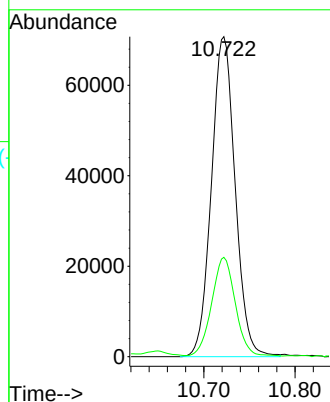
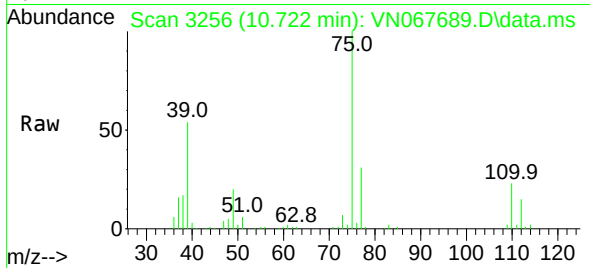
#53
 t-1,3-Dichloropropene
 Concen: 17.753 ug/l
 RT: 10.722 min Scan# 3256
 Delta R.T. -0.000 min
 Lab File: VN067689.D
 Acq: 9 Jul 2021 16:39

Tgt Ion: 75 Resp: 127952
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.1 37.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02

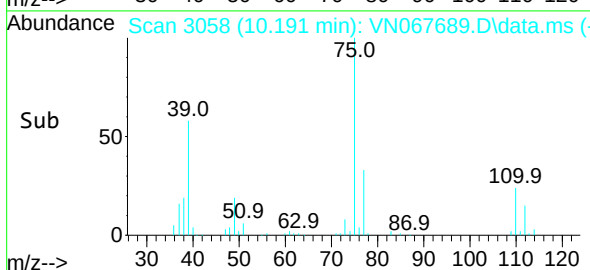
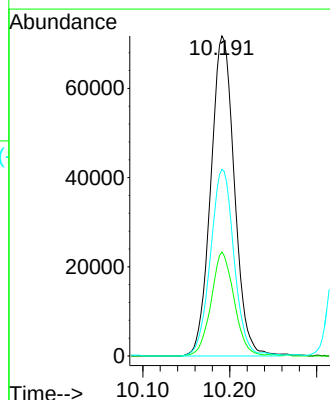
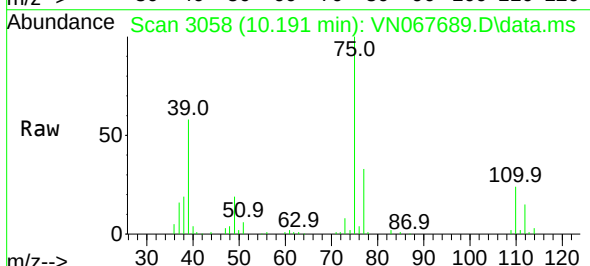
Manual Integrations
 APPROVED

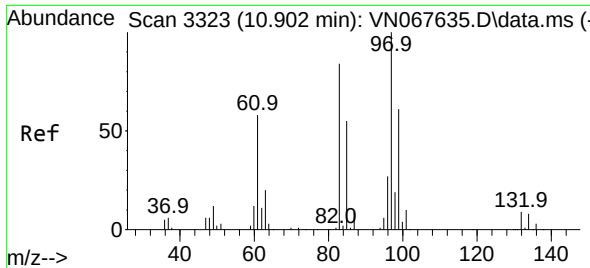
MMDadoda
 7/12/2021 5:44:46 PM



#54
 cis-1,3-Dichloropropene
 Concen: 18.805 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN067689.D
 Acq: 9 Jul 2021 16:39

Tgt Ion: 75 Resp: 135372
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 37.0
 39 58.4 50.7 76.1





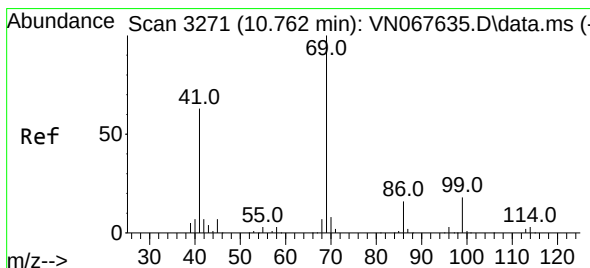
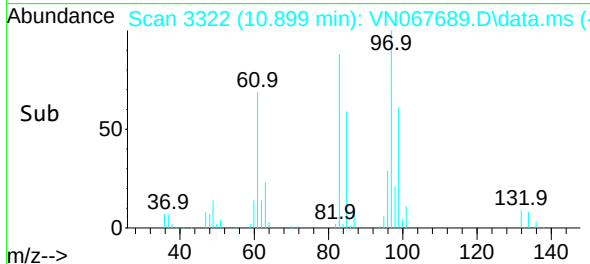
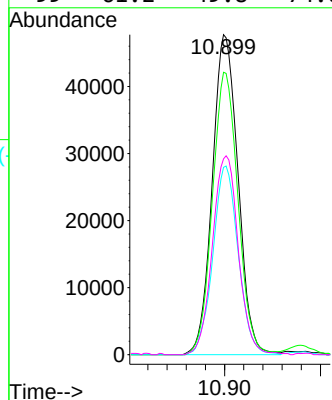
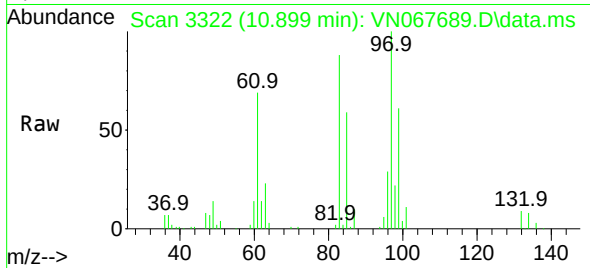
#55
1,1,2-Trichloroethane
Concen: 19.200 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 97	Resp: 88837
Ion Ratio	Lower Upper
97 100	
83 88.2	72.0 108.0
85 58.6	46.8 70.2
99 61.2	49.8 74.6

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

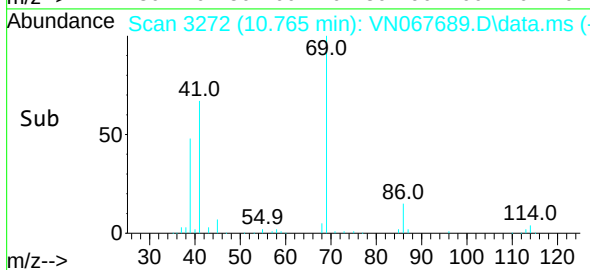
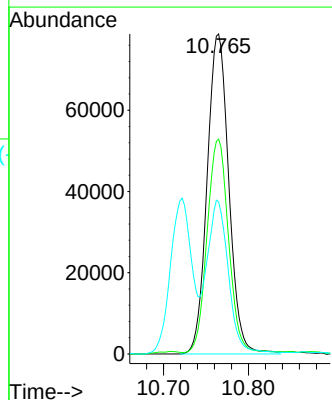
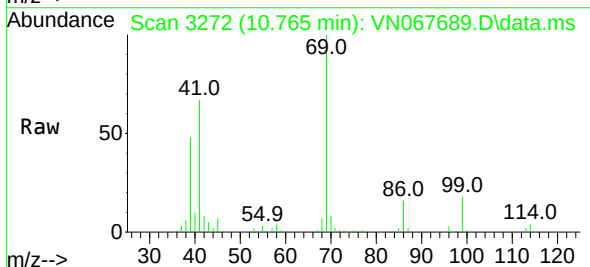
Manual Integrations
APPROVED

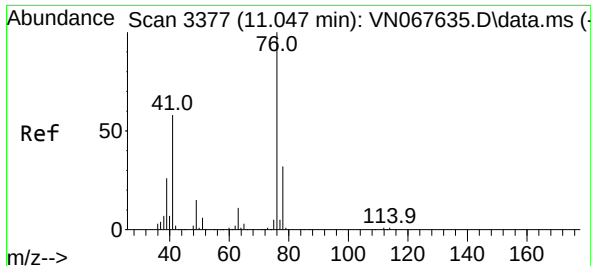
MMDadoda
7/12/2021 5:44:46 PM



#56
Ethyl methacrylate
Concen: 19.614 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 69	Resp: 139818
Ion Ratio	Lower Upper
69 100	
41 65.7	58.6 88.0
39 46.0	38.3 57.5





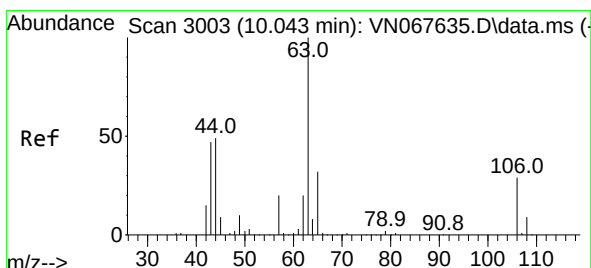
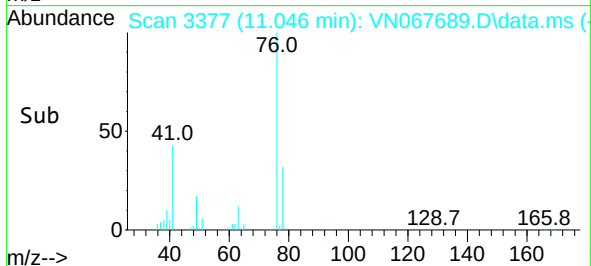
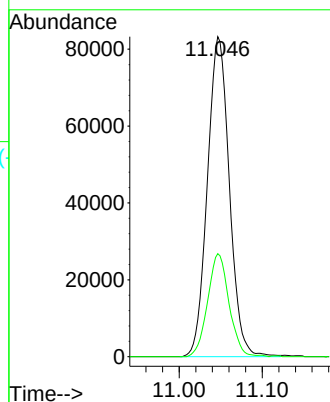
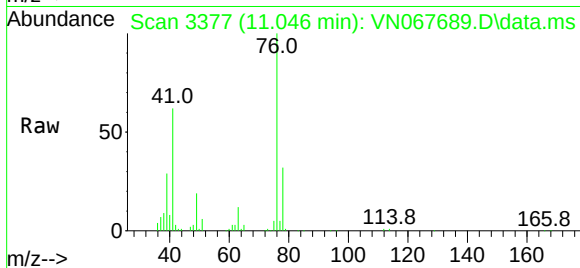
#57
1,3-Dichloropropane
Concen: 19.273 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.001 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 76 Resp: 152912
Ion Ratio Lower Upper
76 100
78 31.2 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

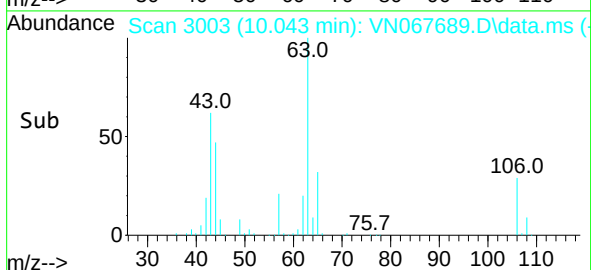
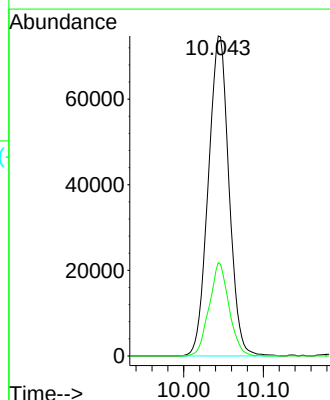
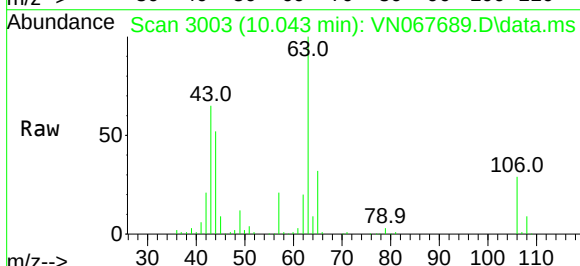
Manual Integrations
APPROVED

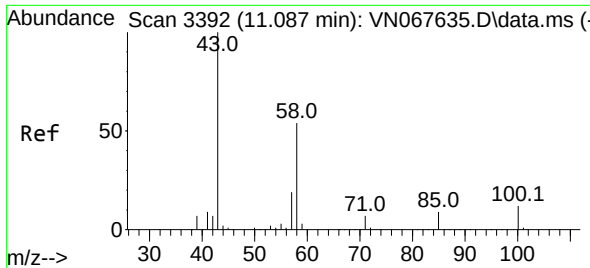
MMDadoda
7/12/2021 5:44:46 PM



#58
2-Chloroethyl Vinyl ether
Concen: 83.157 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 63 Resp: 134914
Ion Ratio Lower Upper
63 100
106 27.9 19.8 29.8





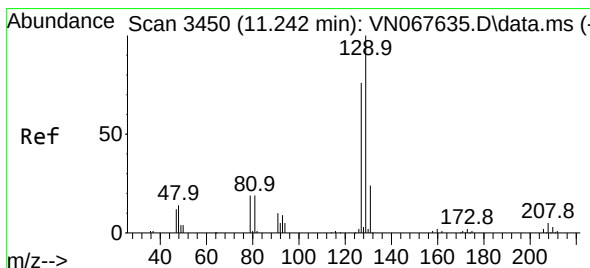
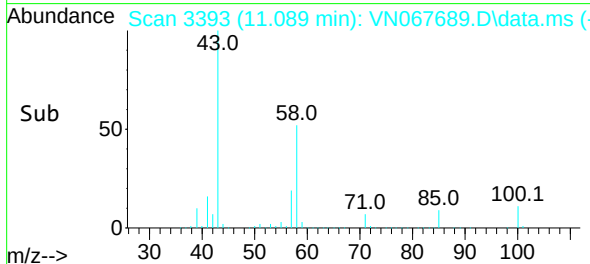
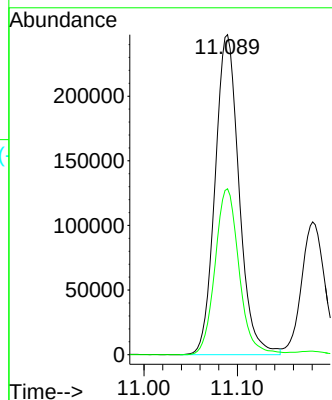
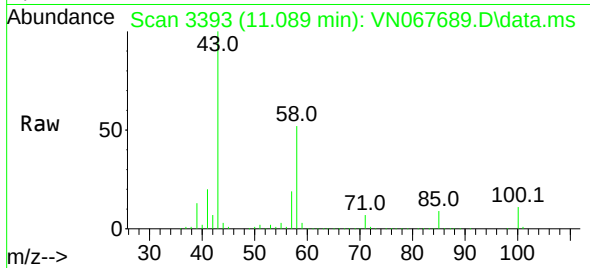
#59
2-Hexanone
Concen: 98.257 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 43 Resp: 442196
Ion Ratio Lower Upper
43 100
58 51.9 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

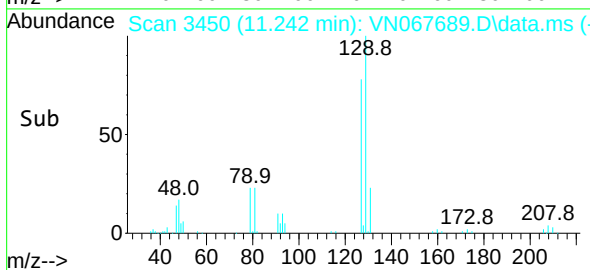
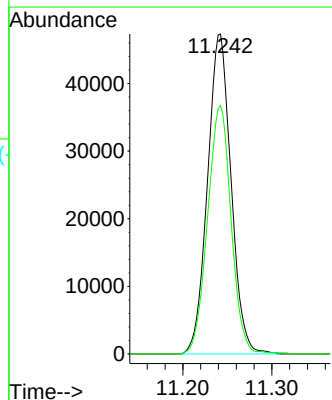
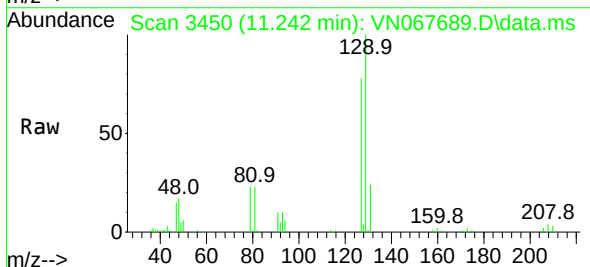
Manual Integrations
APPROVED

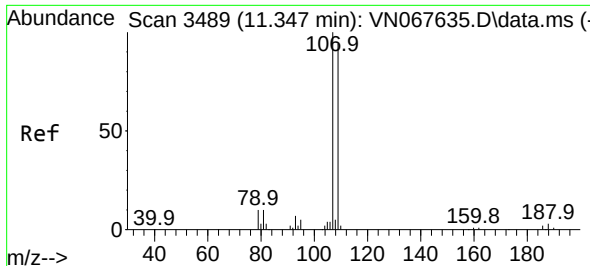
MMDadoda
7/12/2021 5:44:46 PM



#60
Dibromochloromethane
Concen: 16.929 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

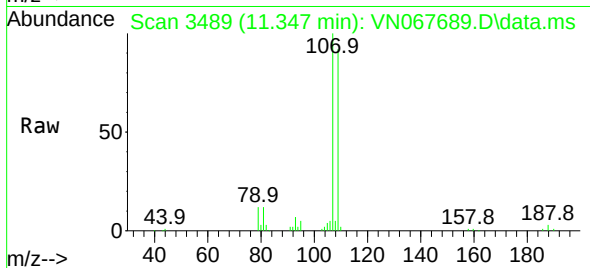
Tgt Ion: 129 Resp: 86847
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.730 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

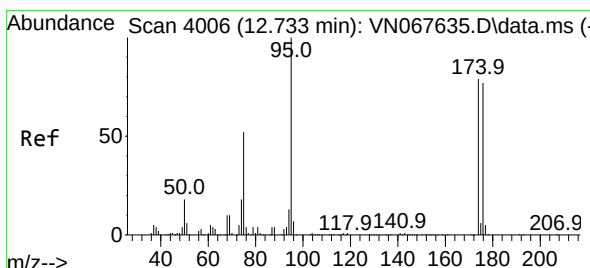
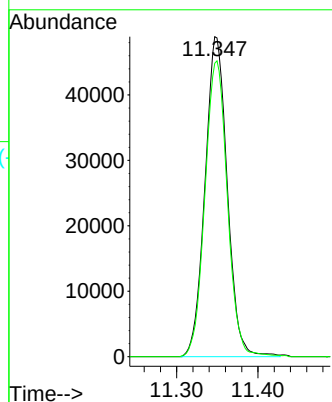
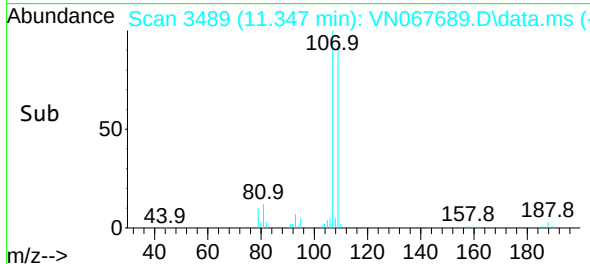
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02



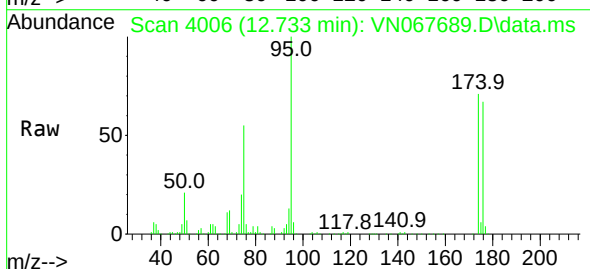
Tgt Ion:107 Resp: 93201
Ion Ratio Lower Upper
107 100
109 93.2 75.0 112.4

Manual Integrations
APPROVED

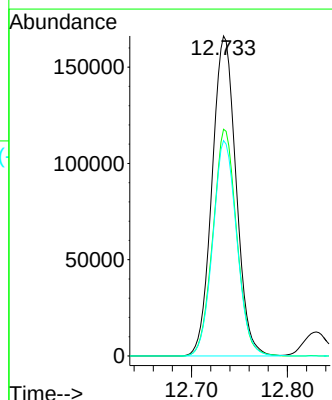
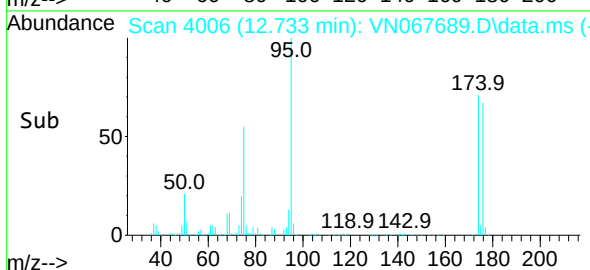
MMDadoda
7/12/2021 5:44:46 PM

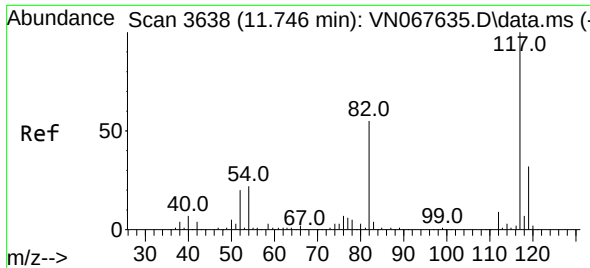


#62
4-Bromofluorobenzene
Concen: 48.703 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



Tgt Ion: 95 Resp: 288414
Ion Ratio Lower Upper
95 100
174 70.2 0.0 122.0
176 67.4 0.0 117.6





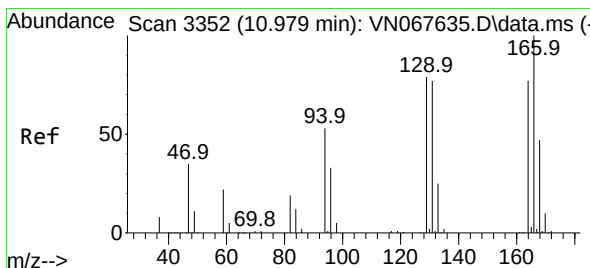
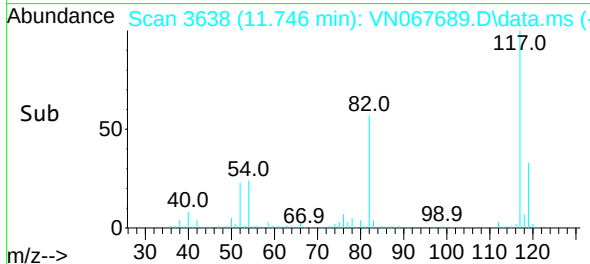
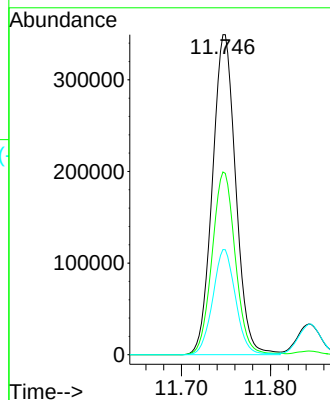
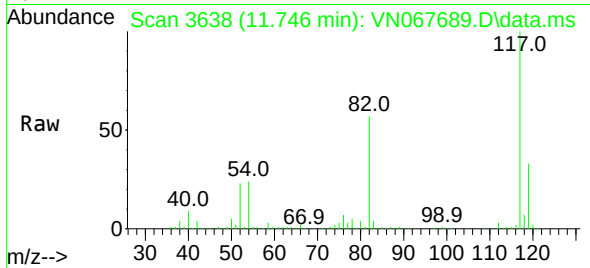
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion:117 Resp: 634957
Ion Ratio Lower Upper
117 100
82 57.1 53.1 79.7
119 32.8 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

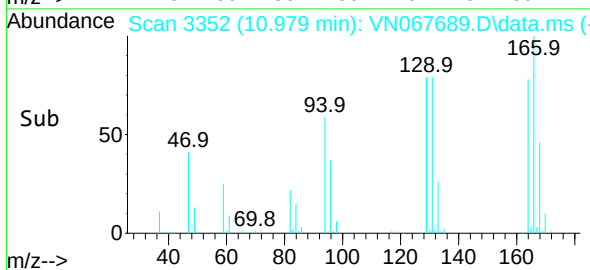
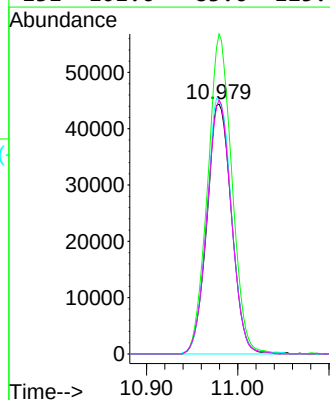
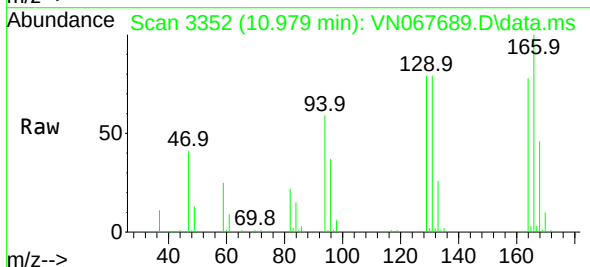
Manual Integrations
APPROVED

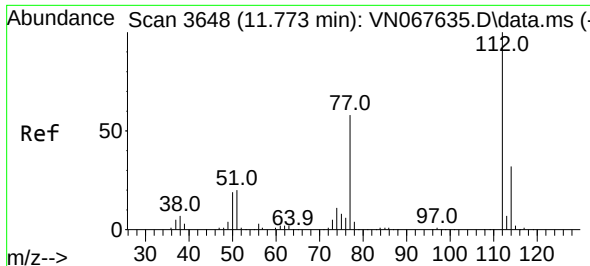
MMDadoda
7/12/2021 5:44:46 PM



#64
Tetrachloroethene
Concen: 18.518 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion:164 Resp: 82997
Ion Ratio Lower Upper
164 100
166 128.0 102.1 153.1
129 101.5 86.9 130.3
131 101.6 83.6 125.4





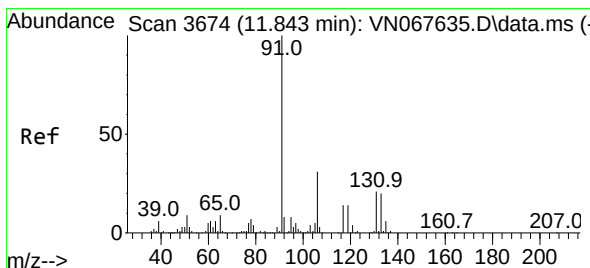
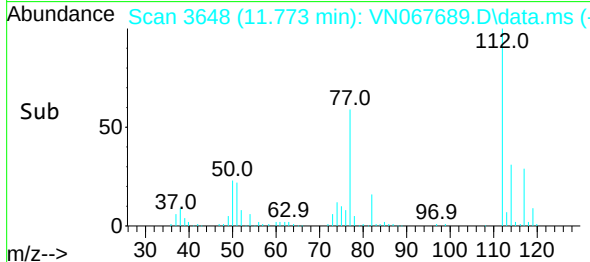
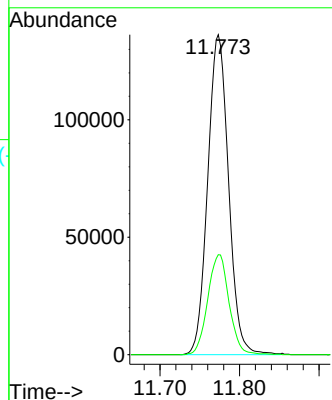
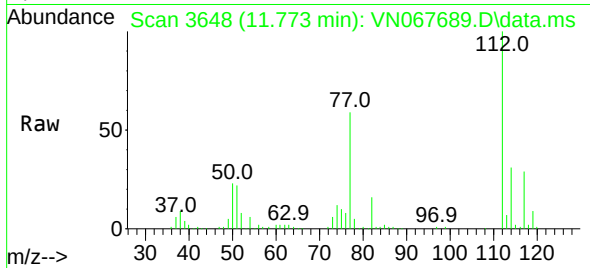
#65
Chlorobenzene
Concen: 19.033 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion:112 Resp: 248213
Ion Ratio Lower Upper
112 100
114 31.2 24.6 37.0

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

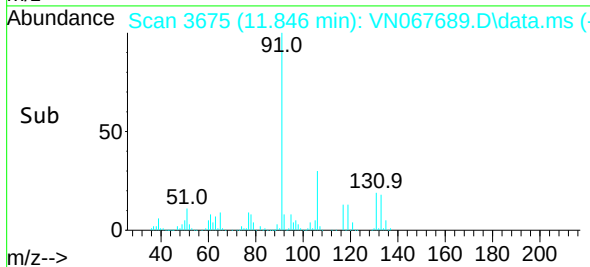
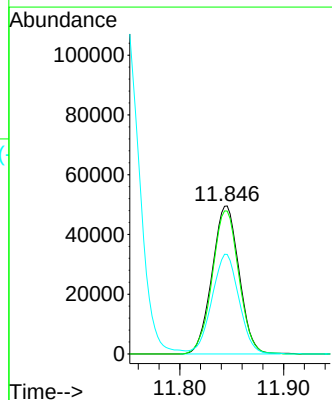
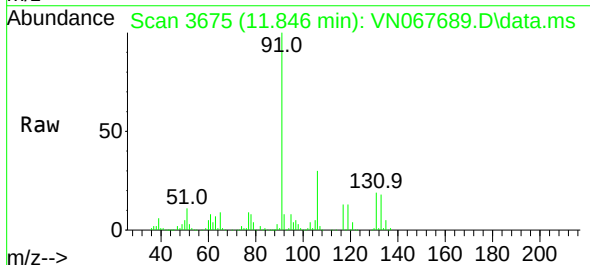
Manual Integrations
APPROVED

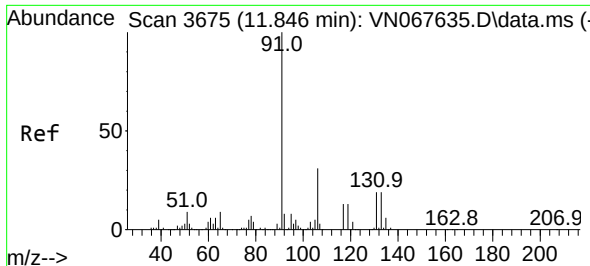
MMDadoda
7/12/2021 5:44:46 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.536 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

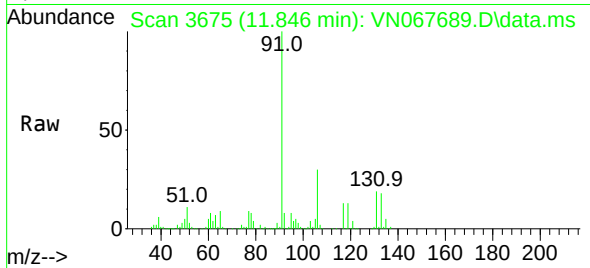
Tgt Ion:131 Resp: 89614
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 67.8 33.1 99.3





#67
Ethyl Benzene
Concen: 19.264 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

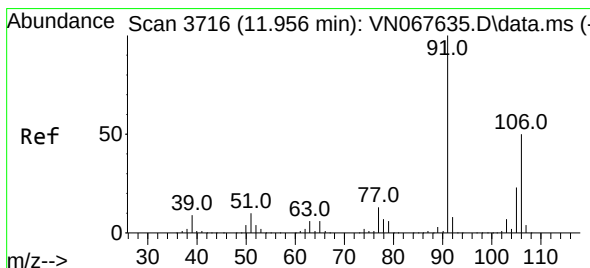
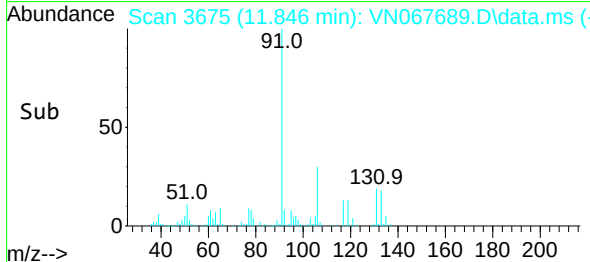
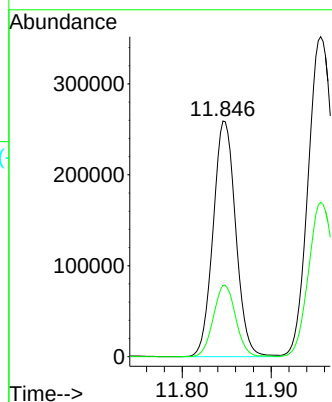
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02



Tgt Ion: 91 Resp: 457346
Ion Ratio Lower Upper
91 100
106 30.3 23.4 35.0

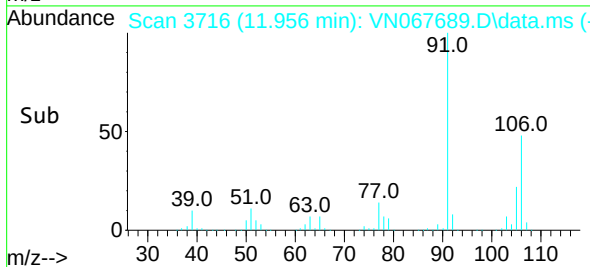
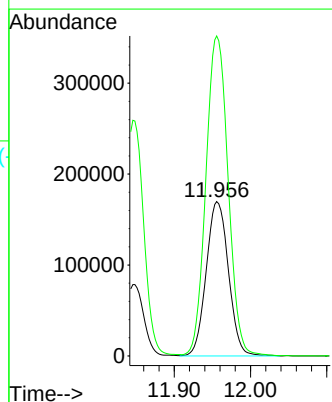
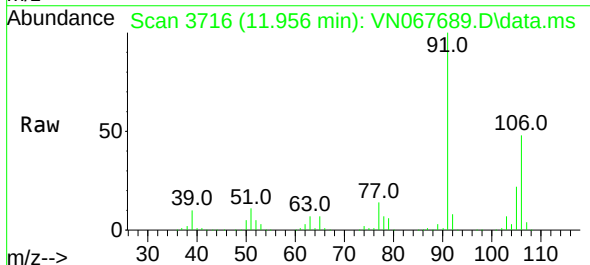
Manual Integrations
APPROVED

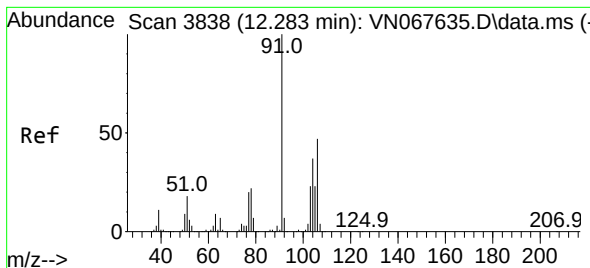
MMDadoda
7/12/2021 5:44:46 PM



#68
m/p-Xylenes
Concen: 38.316 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 106 Resp: 344045
Ion Ratio Lower Upper
106 100
91 207.4 180.6 270.8





#69

o-Xylene

Concen: 19.131 ug/l

RT: 12.283 min Scan# 3838

Delta R.T. -0.000 min

Lab File: VN067689.D

Acq: 9 Jul 2021 16:39

Tgt Ion:106 Resp: 168894

Ion Ratio Lower Upper

106 100

91 217.6 118.3 354.9

Instrument :

MSVOA_N

ClientSampleId :

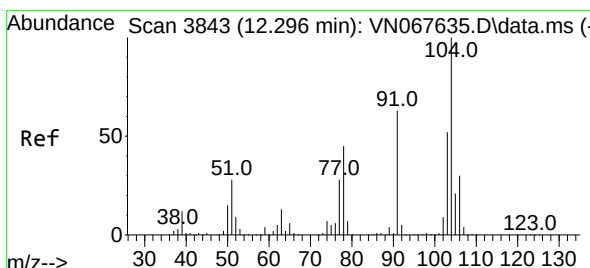
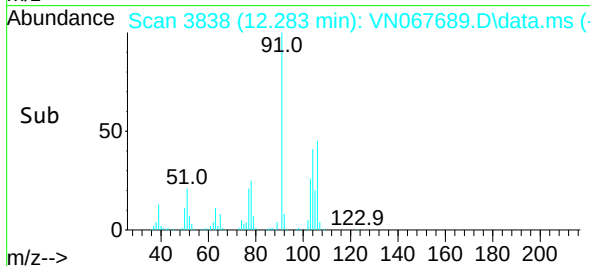
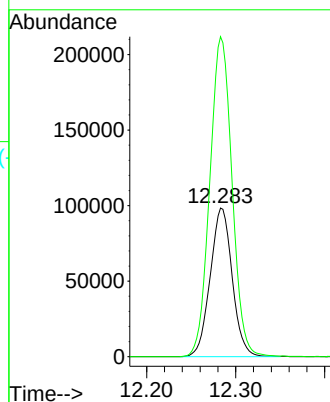
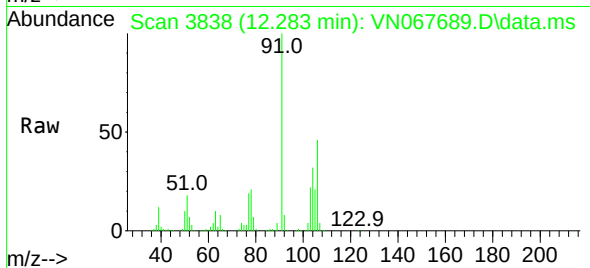
VN0709WBS02

Manual Integrations

APPROVED

MMDadoda

7/12/2021 5:44:46 PM



#70

Styrene

Concen: 19.320 ug/l

RT: 12.299 min Scan# 3844

Delta R.T. 0.003 min

Lab File: VN067689.D

Acq: 9 Jul 2021 16:39

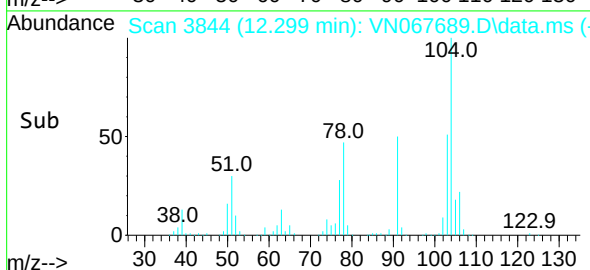
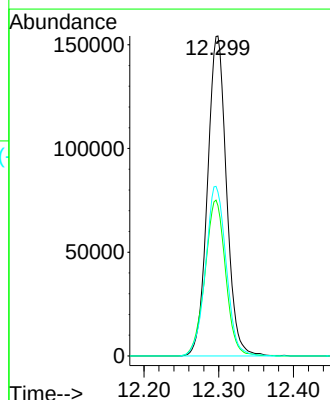
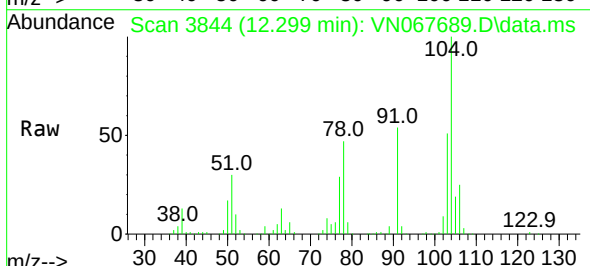
Tgt Ion:104 Resp: 272842

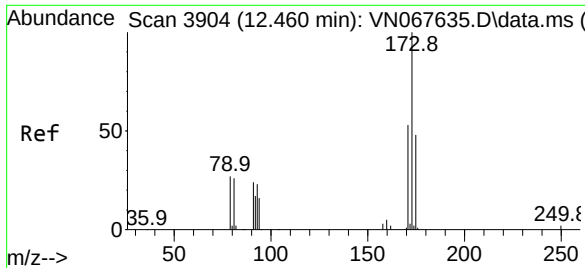
Ion Ratio Lower Upper

104 100

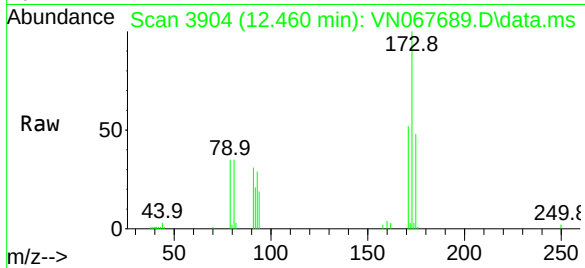
78 52.7 48.2 72.2

103 57.4 44.5 66.7

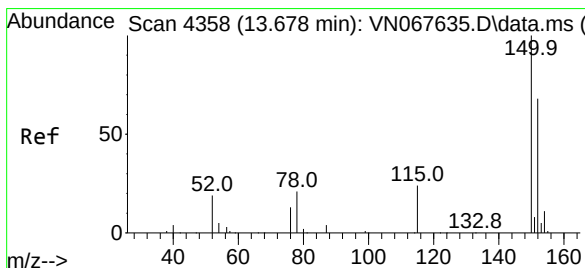
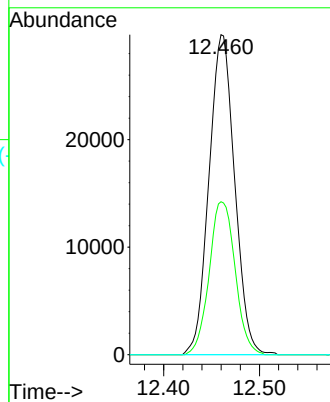
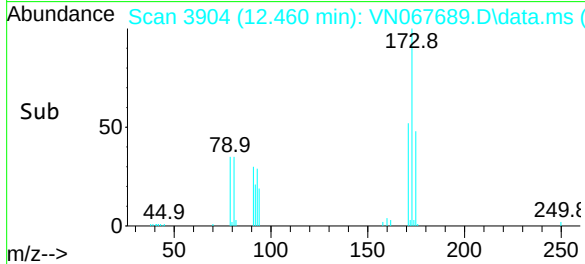




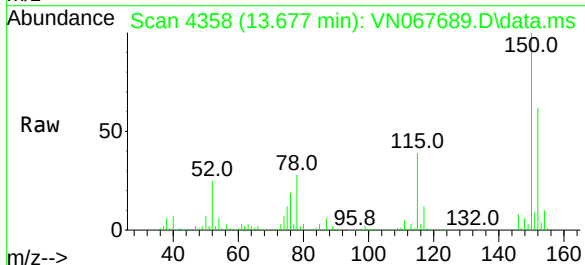
#71
Bromoform
Concen: 15.912 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



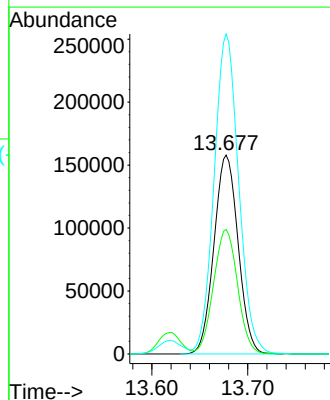
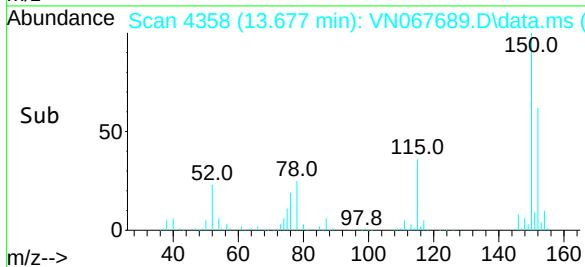
Tgt Ion:173 Resp: 55337
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



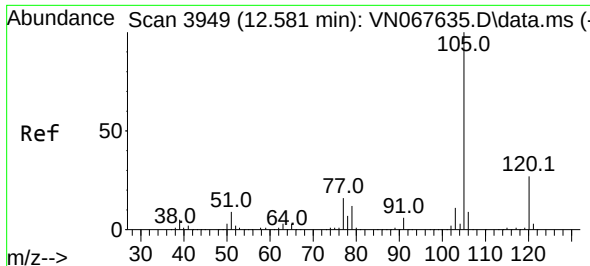
Tgt Ion:152 Resp: 275879
Ion Ratio Lower Upper
152 100
115 62.5 36.1 108.5
150 164.0 0.0 351.8



Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



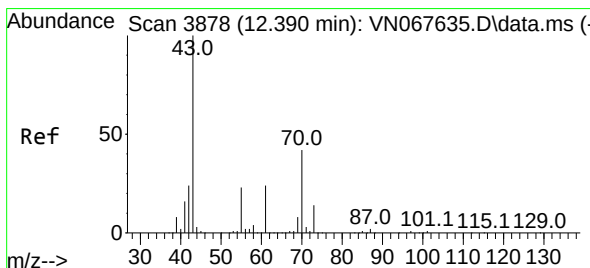
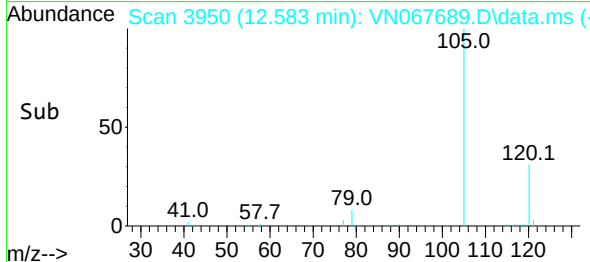
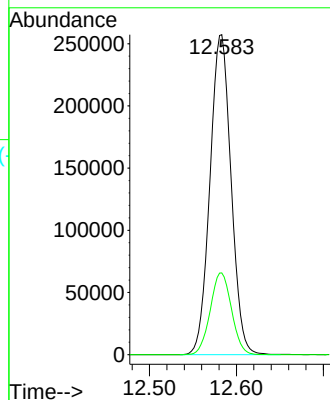
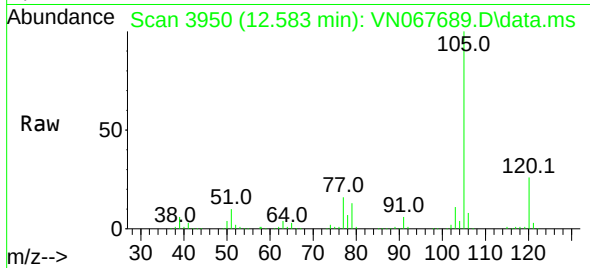
#73
Isopropylbenzene
Concen: 19.505 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 105 Resp: 434165
Ion Ratio Lower Upper
105 100
120 25.8 12.5 37.5

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

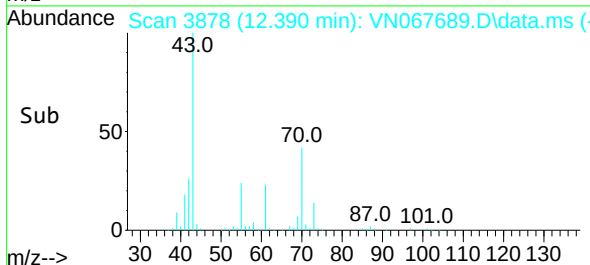
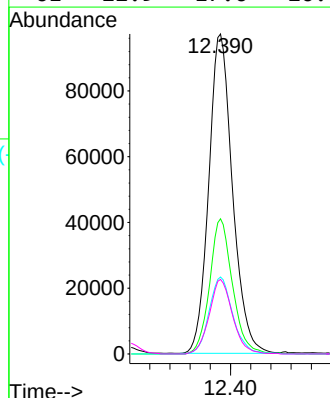
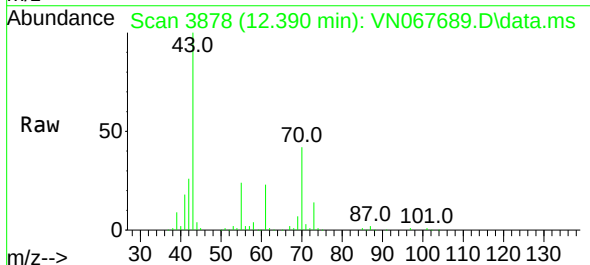
Manual Integrations
APPROVED

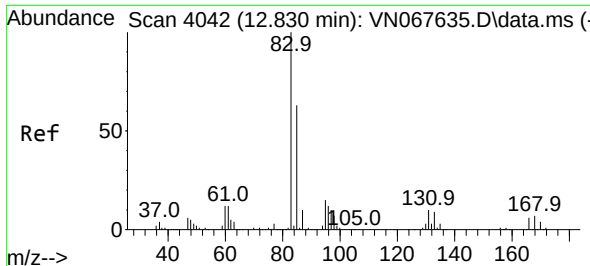
MMDadoda
7/12/2021 5:44:46 PM



#74
N-ethyl acetate
Concen: 19.642 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 43 Resp: 158616
Ion Ratio Lower Upper
43 100
70 40.6 29.4 44.2
55 24.1 17.0 25.4
61 22.9 17.6 26.4





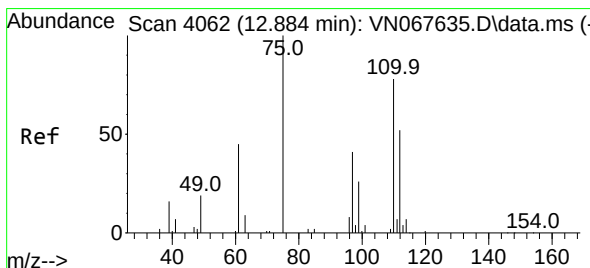
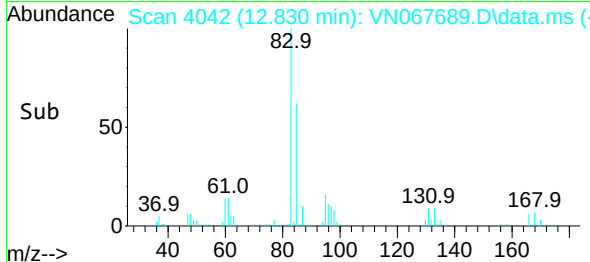
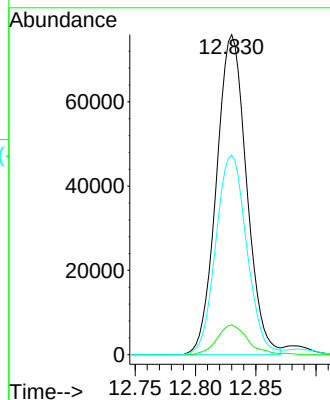
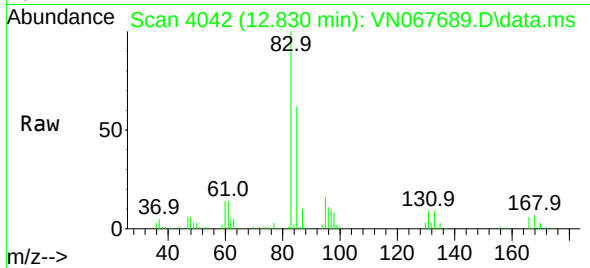
#75
1,1,2,2-Tetrachloroethane
Concen: 20.436 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 83 Resp: 132017
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 64.1 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

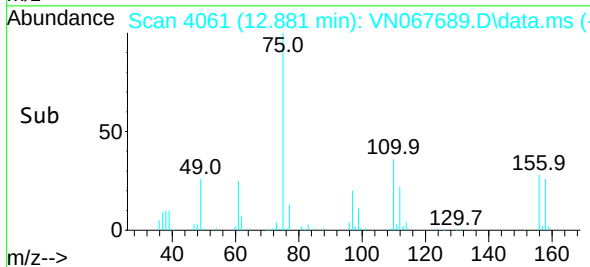
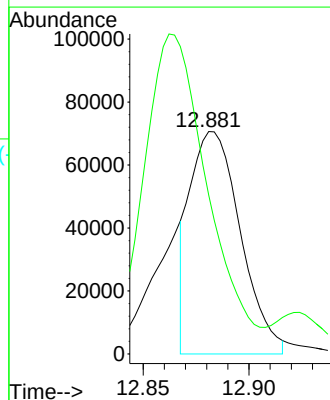
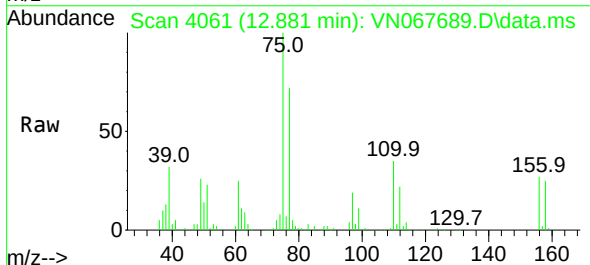
Manual Integrations
APPROVED

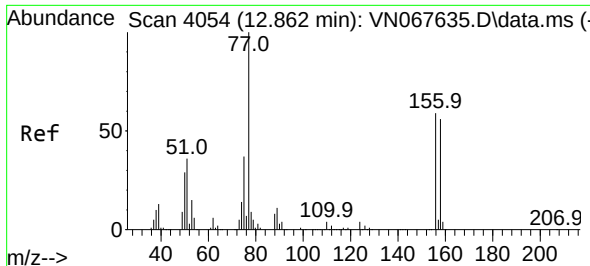
MMDadoda
7/12/2021 5:44:46 PM



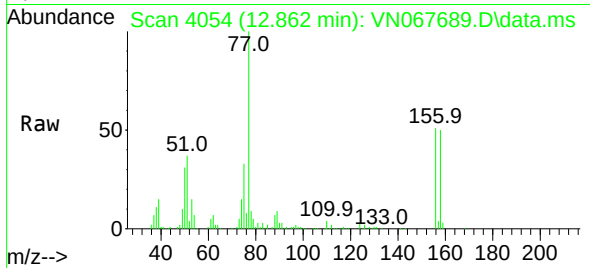
#76
1,2,3-Trichloropropane
Concen: 20.735 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion: 75 Resp: 116818
Ion Ratio Lower Upper
75 100
77 184.1 0.0 0.0#

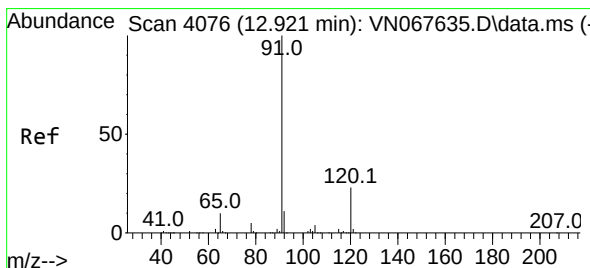
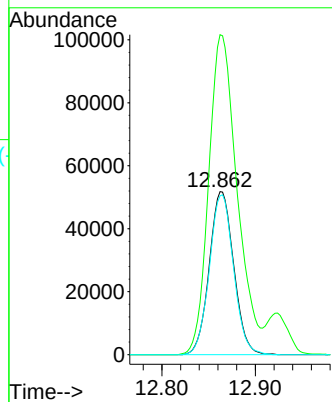
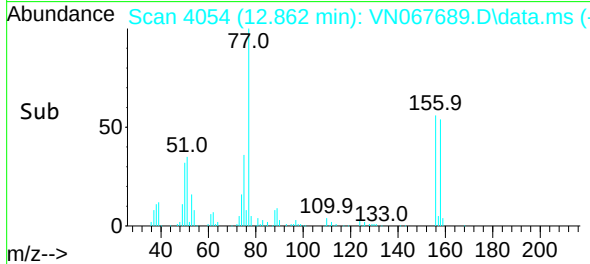




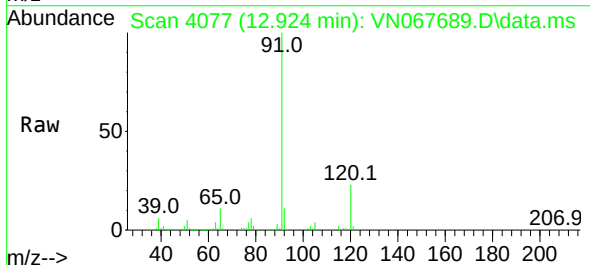
#77
Bromobenzene
Concen: 19.119 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



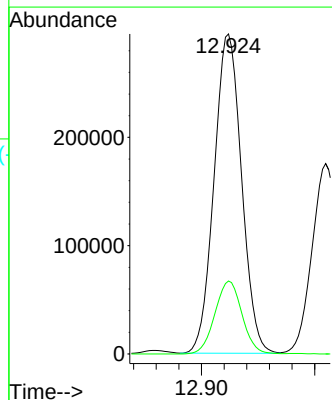
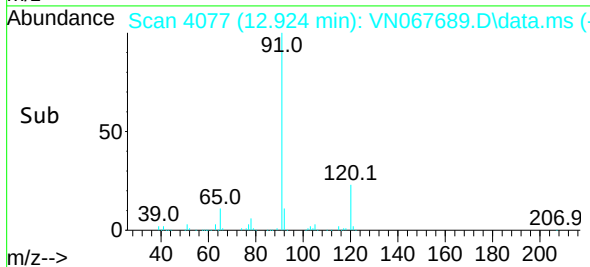
Tgt Ion:156 Resp: 94189
Ion Ratio Lower Upper
156 100
77 228.3 136.2 408.6
158 97.1 48.4 145.3



#78
n-propylbenzene
Concen: 19.708 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



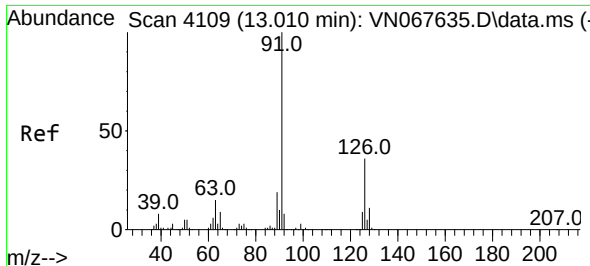
Tgt Ion: 91 Resp: 496157
Ion Ratio Lower Upper
91 100
120 22.5 10.4 31.4



Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

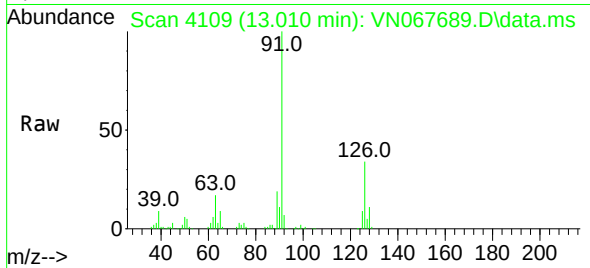
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



#79
2-Chlorotoluene
Concen: 20.018 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

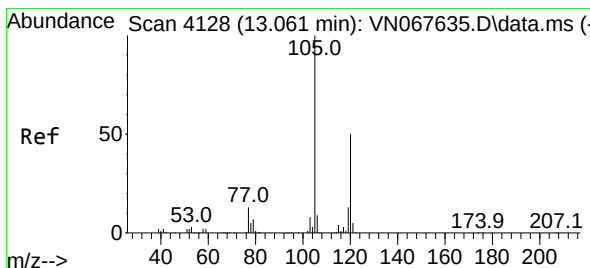
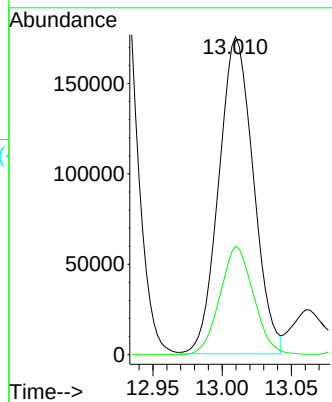
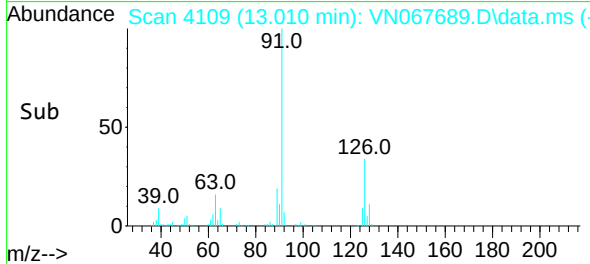
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02



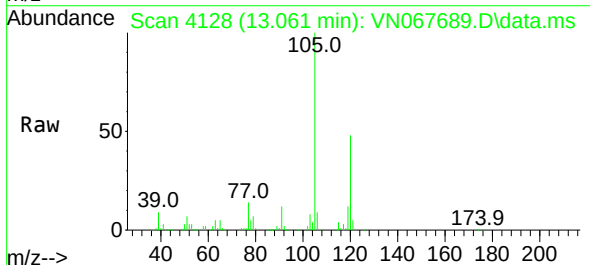
Tgt Ion: 91 Resp: 304476
Ion Ratio Lower Upper
91 100
126 33.4 14.5 43.5

Manual Integrations
APPROVED

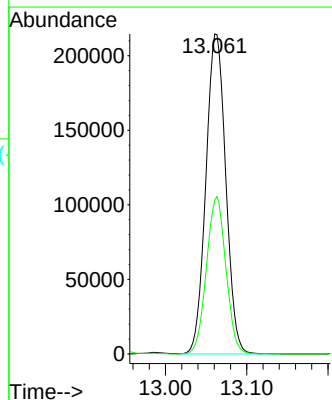
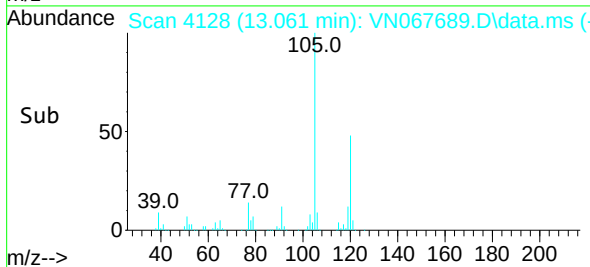
MMDadoda
7/12/2021 5:44:46 PM

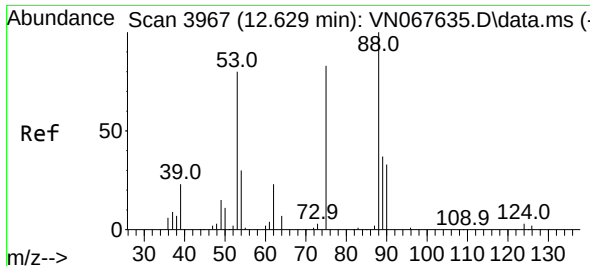


#80
1,3,5-Trimethylbenzene
Concen: 20.186 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

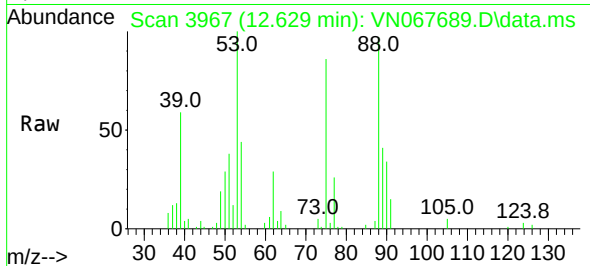


Tgt Ion: 105 Resp: 364075
Ion Ratio Lower Upper
105 100
120 48.1 22.2 66.6

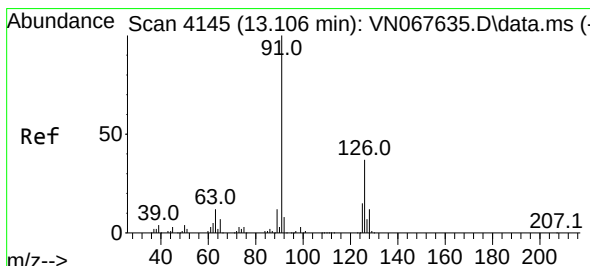
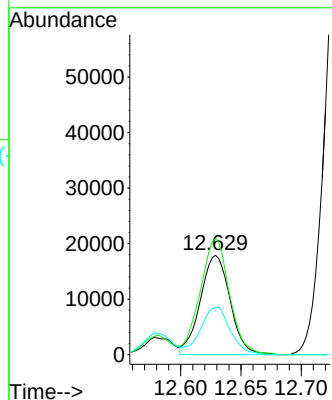
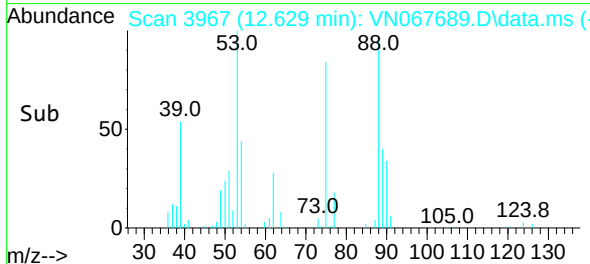




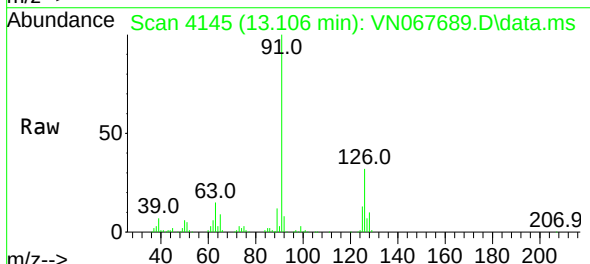
#81
trans-1,4-Dichloro-2-butene
Concen: 17.603 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



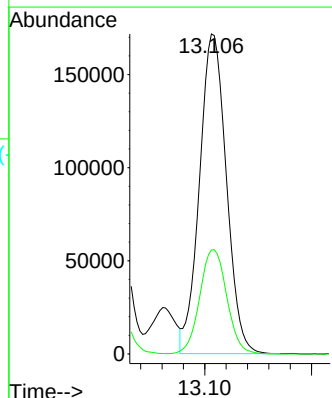
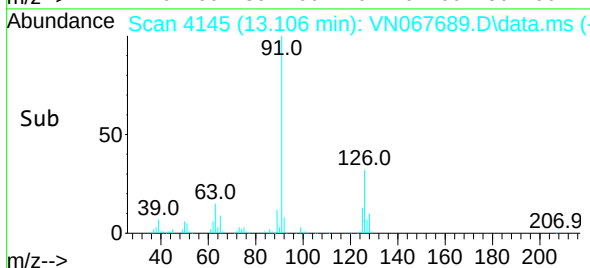
Tgt Ion: 75 Resp: 30761
Ion Ratio Lower Upper
75 100
53 115.8 87.6 131.4
89 47.2 37.8 56.8



#82
4-Chlorotoluene
Concen: 19.927 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



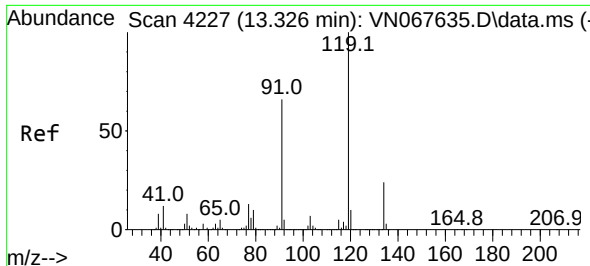
Tgt Ion: 91 Resp: 299923
Ion Ratio Lower Upper
91 100
126 32.9 14.8 44.4



Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

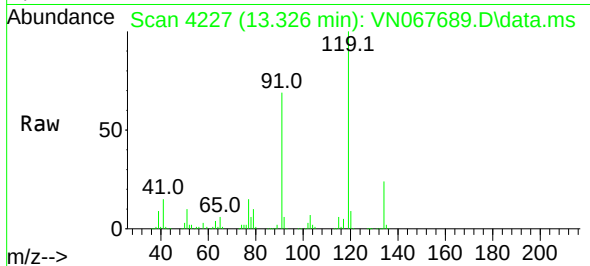
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



#83
tert-Butylbenzene
Concen: 19.793 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

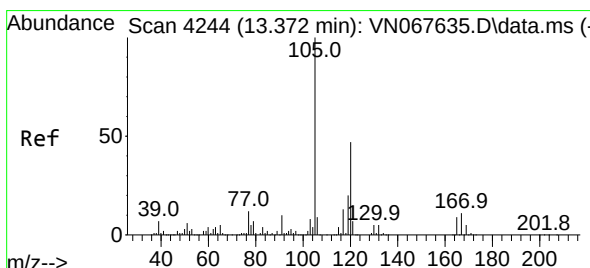
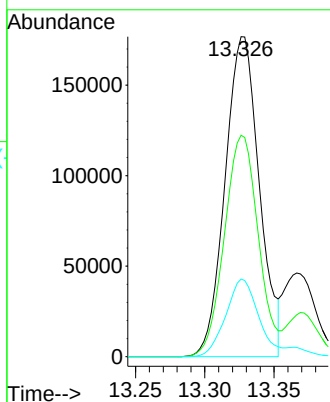
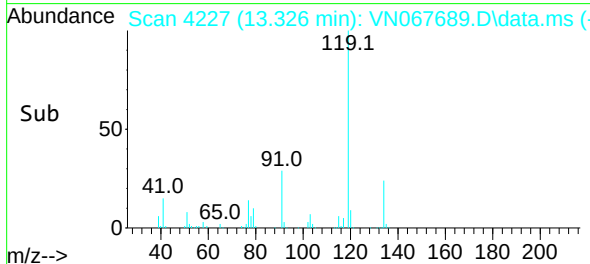
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02



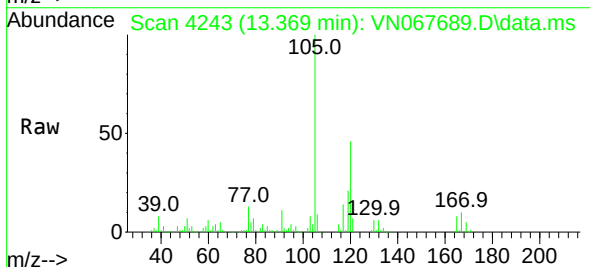
Tgt Ion:119 Resp: 304444
Ion Ratio Lower Upper
119 100
91 68.2 39.5 118.5
134 23.4 12.0 36.0

Manual Integrations
APPROVED

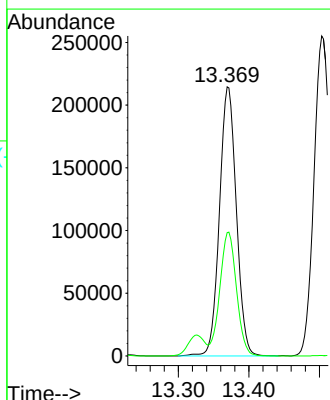
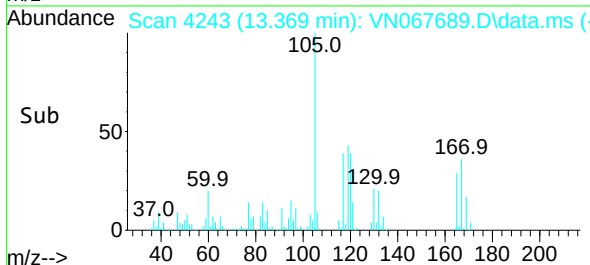
MMDadoda
7/12/2021 5:44:46 PM

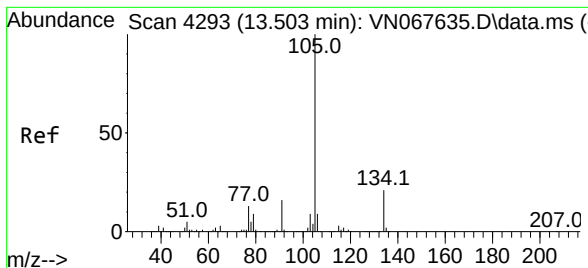


#84
1,2,4-Trimethylbenzene
Concen: 20.195 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



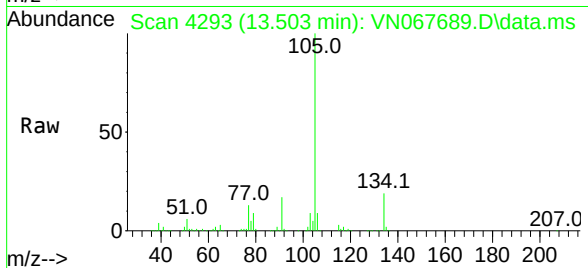
Tgt Ion:105 Resp: 356901
Ion Ratio Lower Upper
105 100
120 45.5 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 19.857 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067689.D
 Acq: 9 Jul 2021 16:39

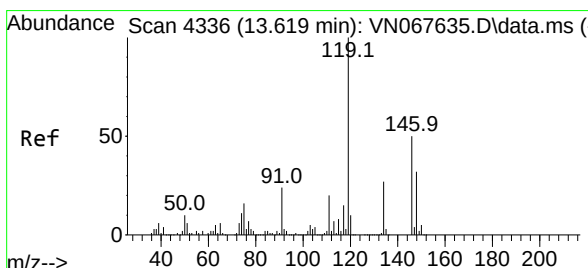
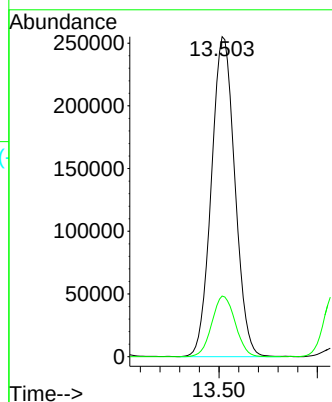
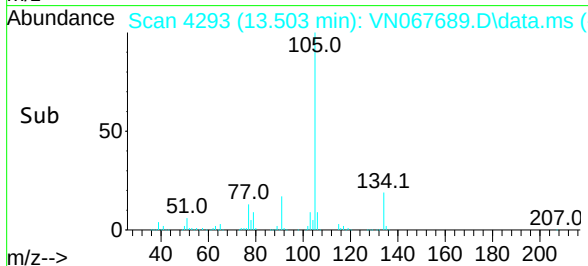
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS02



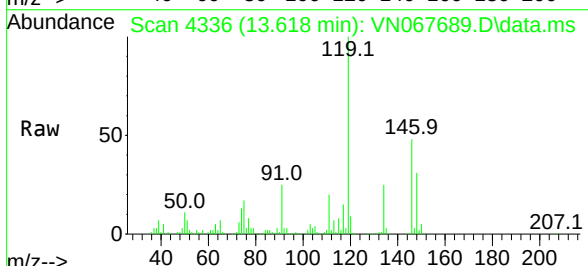
Tgt Ion:105 Resp: 422706
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.0 27.1

Manual Integrations
 APPROVED

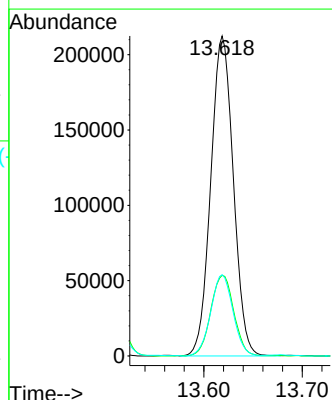
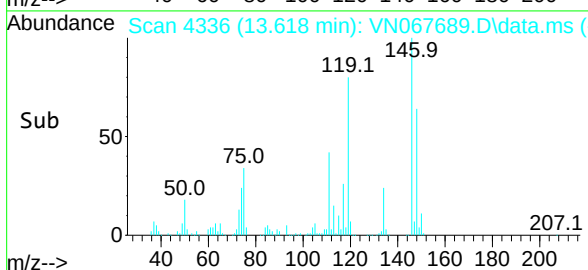
MMDadoda
 7/12/2021 5:44:46 PM

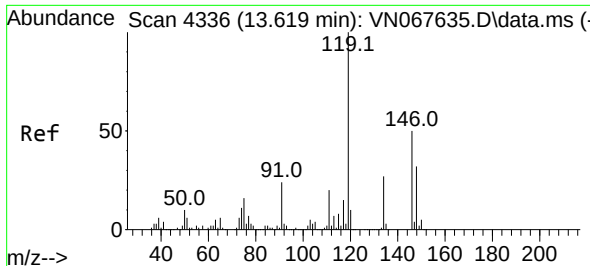


#86
 p-Isopropyltoluene
 Concen: 19.723 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.001 min
 Lab File: VN067689.D
 Acq: 9 Jul 2021 16:39

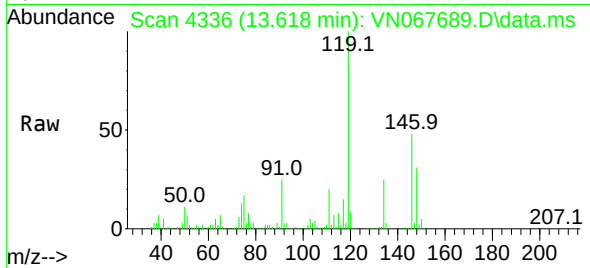


Tgt Ion:119 Resp: 338799
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.4 37.4
 91 25.1 14.8 44.3

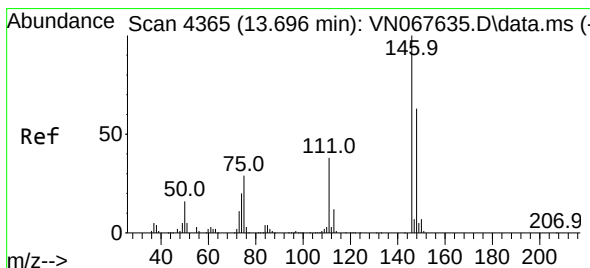
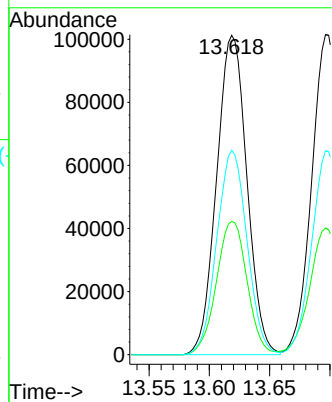
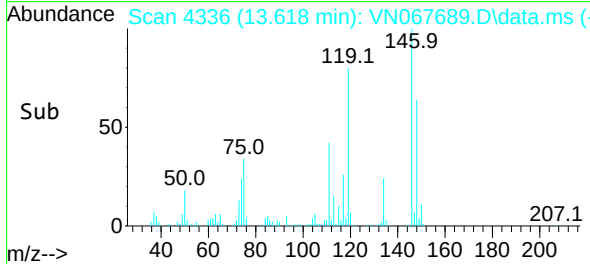




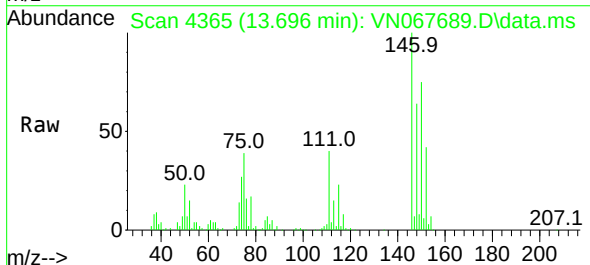
#87
1,3-Dichlorobenzene
Concen: 19.376 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



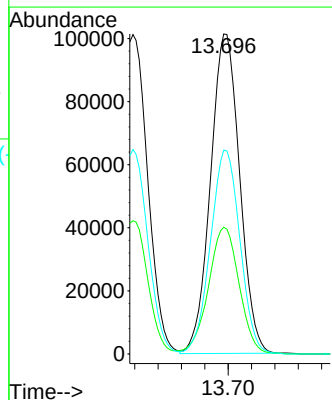
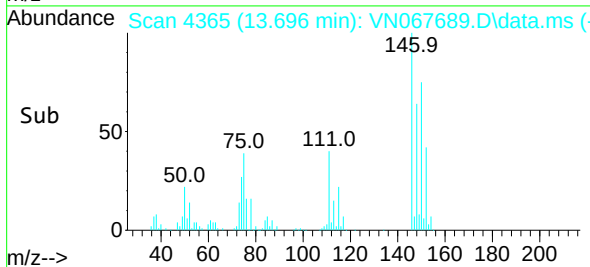
Tgt Ion:146 Resp: 177083
Ion Ratio Lower Upper
146 100
111 42.2 24.3 72.8
148 64.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.792 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



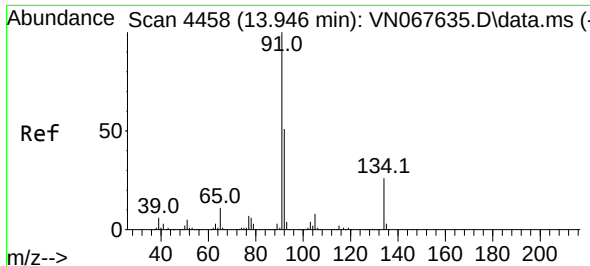
Tgt Ion:146 Resp: 175845
Ion Ratio Lower Upper
146 100
111 41.9 23.4 70.2
148 64.7 31.8 95.3



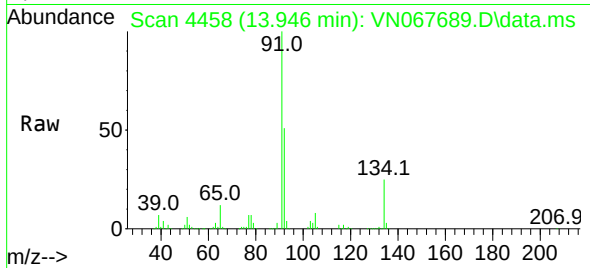
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

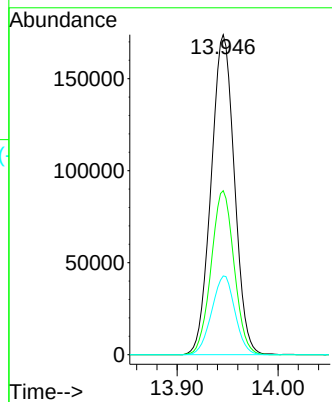
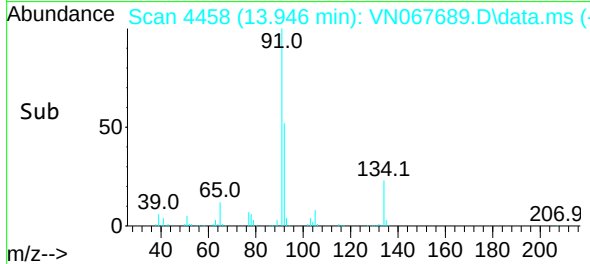
MMDadoda
7/12/2021 5:44:46 PM



#89
n-Butylbenzene
Concen: 18.876 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



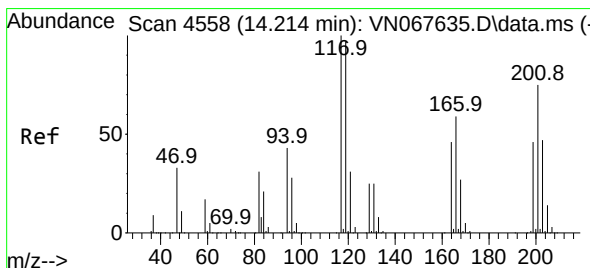
Tgt Ion: 91 Resp: 278115
Ion Ratio Lower Upper
91 100
92 50.6 25.7 77.1
134 24.6 11.2 33.6



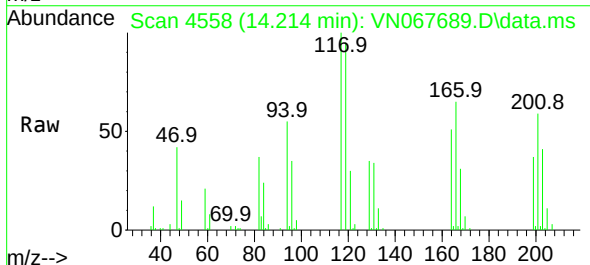
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

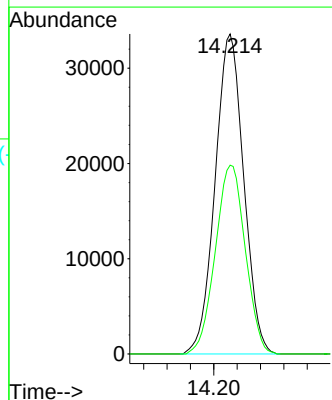
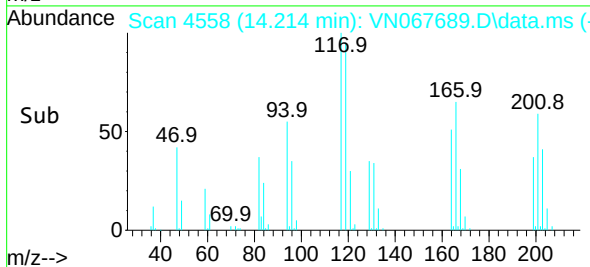
MMDadoda
7/12/2021 5:44:46 PM

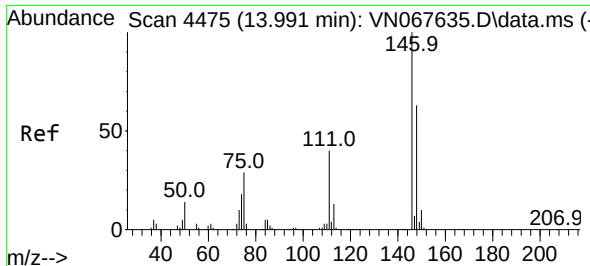


#90
Hexachloroethane
Concen: 20.008 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

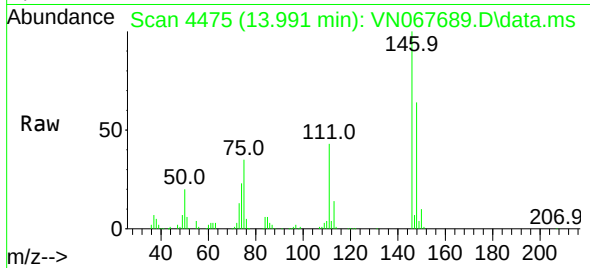


Tgt Ion: 117 Resp: 57082
Ion Ratio Lower Upper
117 100
201 61.8 33.5 100.5

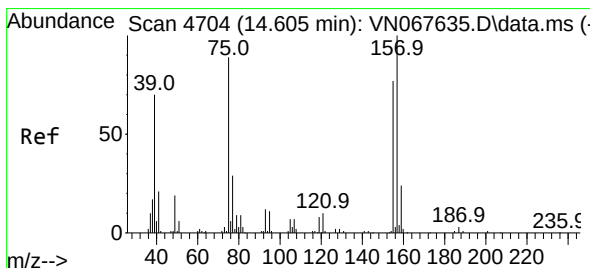
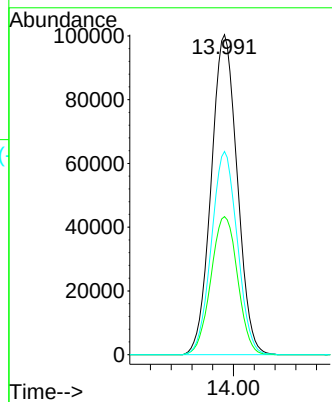
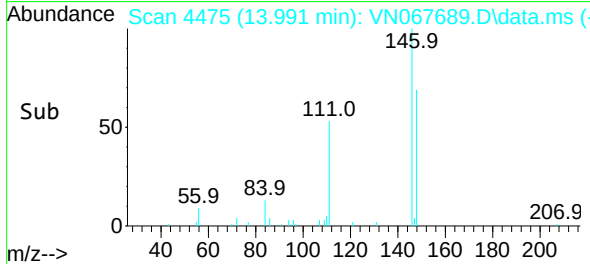




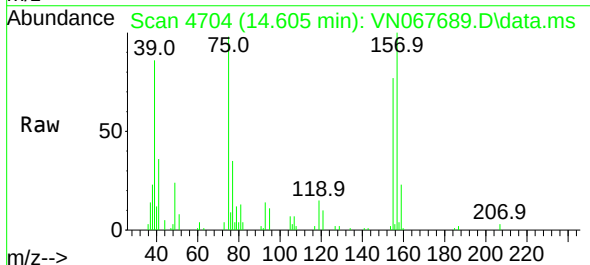
#91
1,2-Dichlorobenzene
Concen: 19.809 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



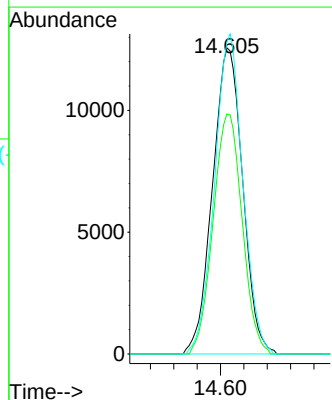
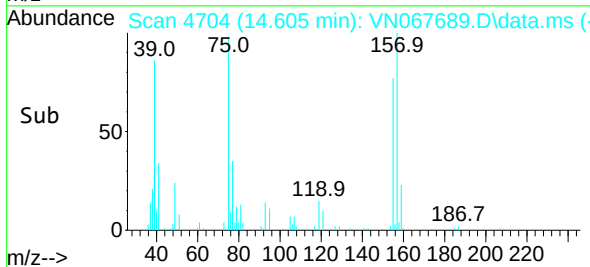
Tgt Ion:146 Resp: 174762
Ion Ratio Lower Upper
146 100
111 44.3 24.9 74.6
148 63.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.084 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



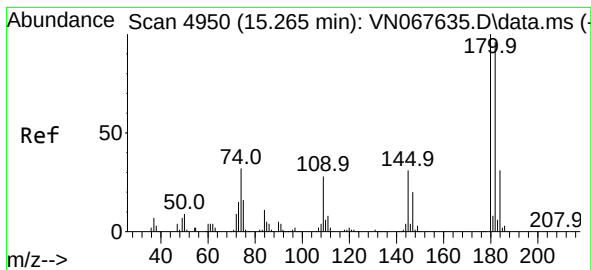
Tgt Ion: 75 Resp: 22534
Ion Ratio Lower Upper
75 100
155 75.4 29.8 89.5
157 98.0 37.6 112.8



Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

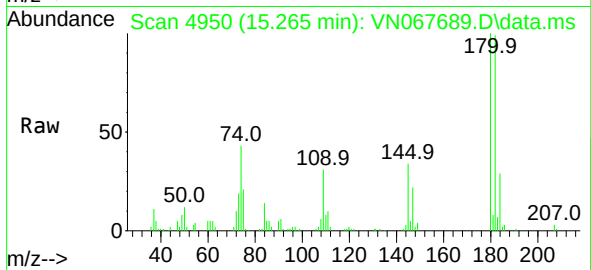
Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



#93
1,2,4-Trichlorobenzene
Concen: 16.545 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

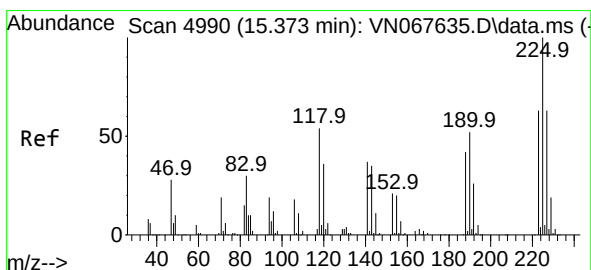
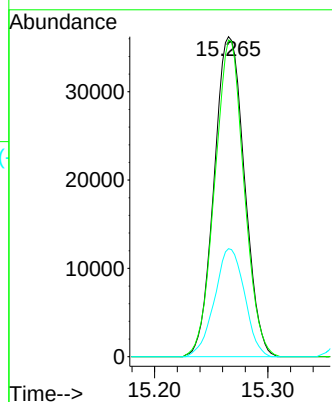
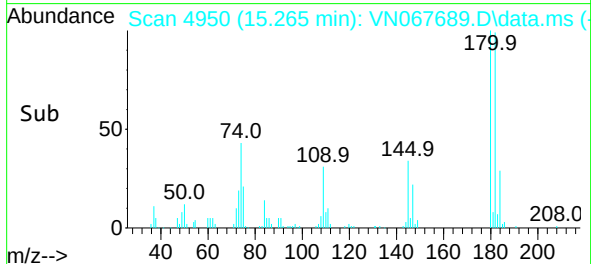
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02



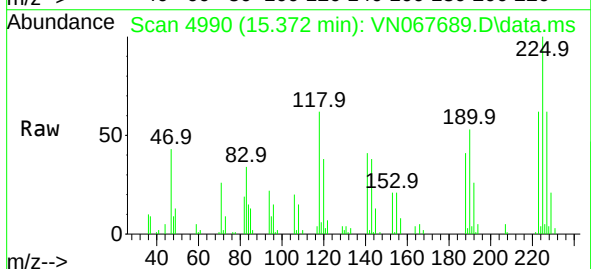
Tgt Ion:180 Resp: 67348
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 33.4 17.2 51.6

Manual Integrations
APPROVED

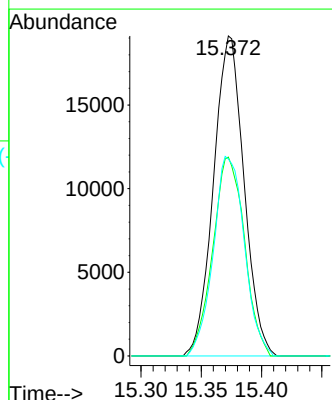
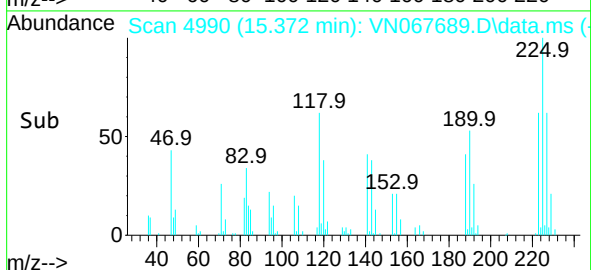
MMDadoda
7/12/2021 5:44:46 PM

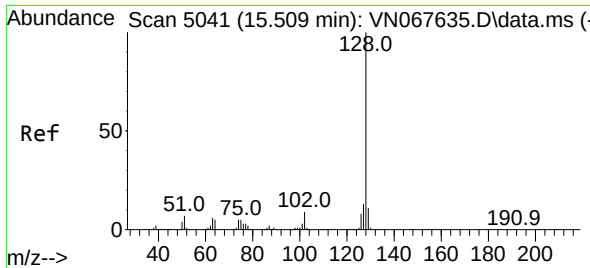


#94
Hexachlorobutadiene
Concen: 18.133 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.001 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39



Tgt Ion:225 Resp: 33614
Ion Ratio Lower Upper
225 100
223 64.6 31.4 94.0
227 63.6 31.2 93.6





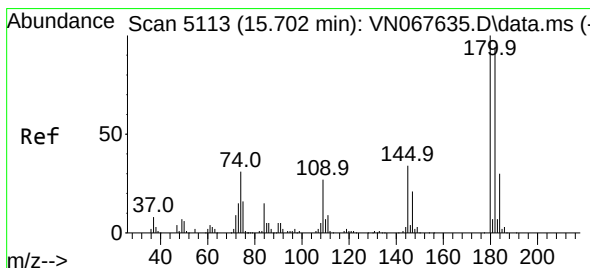
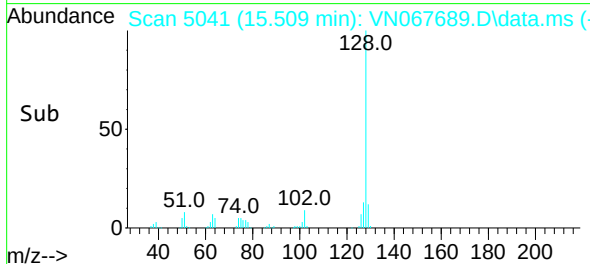
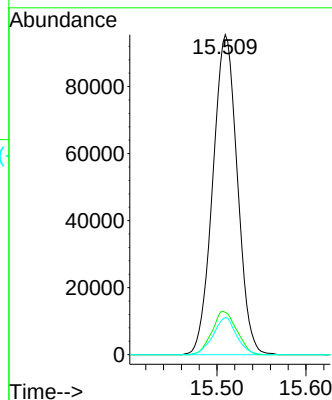
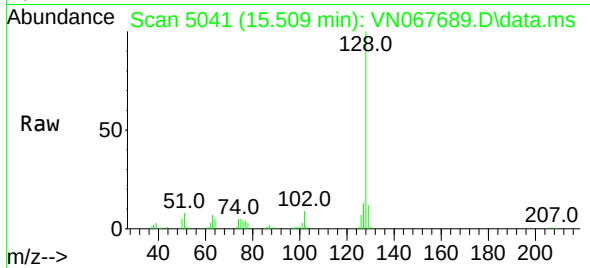
#95
Naphthalene
Concen: 15.740 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion:	128	Resp:	182936
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.6	15.8
129	11.1	8.6	12.8

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS02

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 16.370 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067689.D
Acq: 9 Jul 2021 16:39

Tgt Ion:	180	Resp:	63879
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.8	143.3
145	35.5	18.2	54.6

