

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069200.D
 Acq On : 26 Oct 2021 21:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:05:49 PM

Quant Time: Oct 27 09:23:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	231262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	410684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	391558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	169744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	174090	57.095	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	114.200%
35) Dibromofluoromethane	8.021	113	134886	56.452	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.900%
50) Toluene-d8	10.443	98	533236	55.776	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.560%
62) 4-Bromofluorobenzene	12.734	95	206447	57.235	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.460%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	132553	46.128	ug/l	99
3) Chloromethane	2.301	50	141320	49.996	ug/l	100
4) Vinyl Chloride	2.440	62	168863	58.816	ug/l	100
5) Bromomethane	2.818	94	108077	68.437	ug/l	100
6) Chloroethane	2.993	64	108459	64.101	ug/l	100
7) Trichlorofluoromethane	3.360	101	226879	56.434	ug/l	99
8) Diethyl Ether	3.824	74	84366	56.259	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.208	101	122774	56.794	ug/l	99
10) Methyl Iodide	4.422	142	157971	50.349	ug/l	97
11) Tert butyl alcohol	5.372	59	196636	352.930	ug/l	100
12) 1,1-Dichloroethene	4.178	96	117933	52.776	ug/l	98
13) Acrolein	4.039	56	64853	263.128	ug/l	98
14) Allyl chloride	4.838	41	210035	52.432	ug/l	97
15) Acrylonitrile	5.554	53	441064	353.297	ug/l	98
16) Acetone	4.285	43	381319	335.117	ug/l	99
17) Carbon Disulfide	4.529	76	267719	44.145	ug/l	99
18) Methyl Acetate	4.854	43	304899	70.645	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	491943	59.124	ug/l	100
20) Methylene Chloride	5.095	84	146286	55.856	ug/l	99
21) trans-1,2-Dichloroethene	5.597	96	127545	52.832	ug/l	96
22) Diisopropyl ether	6.495	45	471076	56.549	ug/l	99
23) Vinyl Acetate	6.434	43	1845044	292.972	ug/l	99
24) 1,1-Dichloroethane	6.388	63	257454	56.882	ug/l	99
25) 2-Butanone	7.335	43	623573	362.406	ug/l	97
26) 2,2-Dichloropropane	7.329	77	216127	50.106	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	162975	55.846	ug/l	98
28) Bromochloromethane	7.659	49	118061	57.592	ug/l	96
29) Tetrahydrofuran	7.683	42	407741	365.331	ug/l	97
30) Chloroform	7.817	83	286269	60.015	ug/l	100
31) Cyclohexane	8.096	56	225164	47.494	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	253131	56.926	ug/l	99
36) 1,1-Dichloropropene	8.222	75	194380	55.412	ug/l	100
37) Ethyl Acetate	7.412	43	239316	66.056	ug/l	99
38) Carbon Tetrachloride	8.206	117	213022	55.293	ug/l	98
39) Methylcyclohexane	9.462	83	232948	51.594	ug/l	97
40) Benzene	8.461	78	603648	56.512	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069200.D
 Acq On : 26 Oct 2021 21:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:05:49 PM

Quant Time: Oct 27 09:23:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	113439	62.115	ug/l	91
42) 1,2-Dichloroethane	8.531	62	231448	61.188	ug/l	100
43) Isopropyl Acetate	8.560	43	398041	62.269	ug/l	99
44) Trichloroethene	9.217	130	146844	54.929	ug/l	99
45) 1,2-Dichloropropane	9.491	63	157636	56.872	ug/l	98
46) Dibromomethane	9.577	93	114420	60.475	ug/l	99
47) Bromodichloromethane	9.765	83	224067	57.149	ug/l	99
48) Methyl methacrylate	9.561	41	174626	58.141	ug/l	88
49) 1,4-Dioxane	9.569	88	85060	1436.906	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	1311313	353.786	ug/l	99
52) Toluene	10.505	92	399975	58.201	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	244151	54.973	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	254323	55.038	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	168142	62.056	ug/l	97
56) Ethyl methacrylate	10.762	69	283172	62.245	ug/l	98
57) 1,3-Dichloropropane	11.047	76	275135	61.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	366601	272.146	ug/l	99
59) 2-Hexanone	11.087	43	998032	375.474	ug/l	99
60) Dibromochloromethane	11.240	129	173026	56.574	ug/l	100
61) 1,2-Dibromoethane	11.347	107	176531	63.519	ug/l	100
64) Tetrachloroethene	10.980	164	132736	52.624	ug/l	99
65) Chlorobenzene	11.771	112	431148	58.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	163979	56.543	ug/l	99
67) Ethyl Benzene	11.846	91	804356	58.442	ug/l	99
68) m/p-Xylenes	11.956	106	601866	115.356	ug/l	99
69) o-Xylene	12.283	106	301789	57.787	ug/l	99
70) Styrene	12.296	104	508715	59.840	ug/l	99
71) Bromoform	12.460	173	131574	56.636	ug/l #	100
73) Isopropylbenzene	12.581	105	807423	57.148	ug/l	99
74) N-amyl acetate	12.388	43	333052	62.220	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	270256	66.190	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	227397m	62.962	ug/l	
77) Bromobenzene	12.862	156	184260	58.978	ug/l	99
78) n-propylbenzene	12.921	91	905282	57.016	ug/l	100
79) 2-Chlorotoluene	13.010	91	562205	57.447	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	666512	56.636	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	83146	55.078	ug/l	94
82) 4-Chlorotoluene	13.106	91	545305	57.662	ug/l	100
83) tert-Butylbenzene	13.326	119	584726	57.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	651803	57.484	ug/l	99
85) sec-Butylbenzene	13.503	105	819250	57.744	ug/l	100
86) p-Isopropyltoluene	13.619	119	649748	57.096	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	317494	58.751	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	306850	57.211	ug/l	100
89) n-Butylbenzene	13.943	91	526831	55.610	ug/l	100
90) Hexachloroethane	14.214	117	125489	52.495	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	306831	58.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	53544	68.016	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	139915	49.126	ug/l	99
94) Hexachlorobutadiene	15.373	225	76679	51.298	ug/l	98
95) Naphthalene	15.507	128	441370	55.569	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	139523	51.363	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
Data File : VN069200.D
Acq On : 26 Oct 2021 21:47
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM

Quant Time: Oct 27 09:23:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

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

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

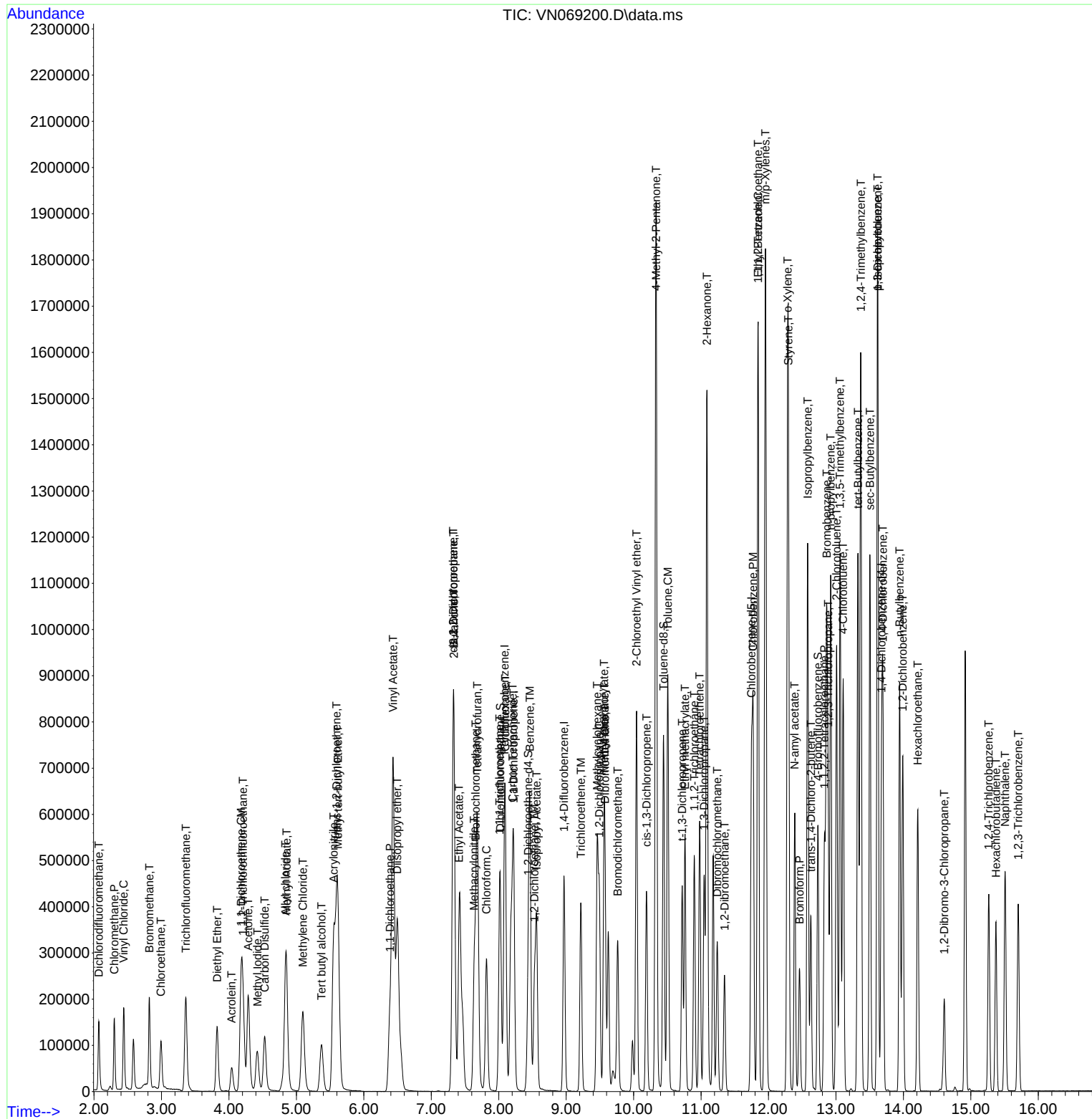
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
Data File : VN069200.D
Acq On : 26 Oct 2021 21:47
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

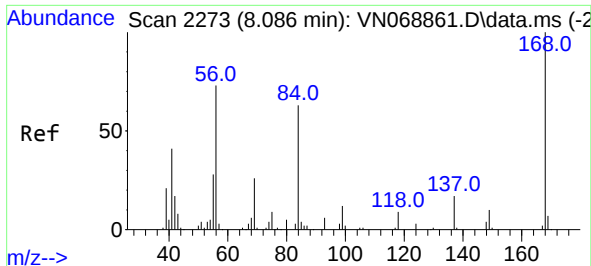
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

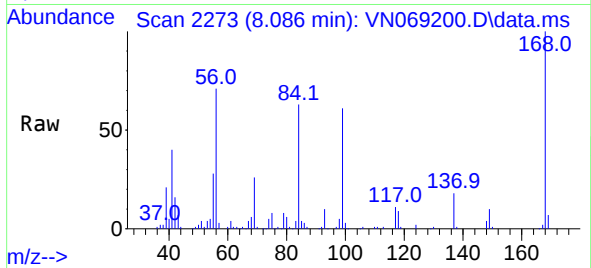
MMDadoda
10/27/2021 5:05:49 PM

Quant Time: Oct 27 09:23:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

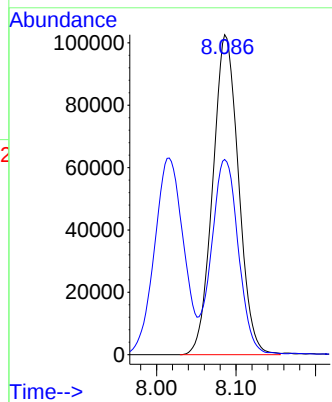
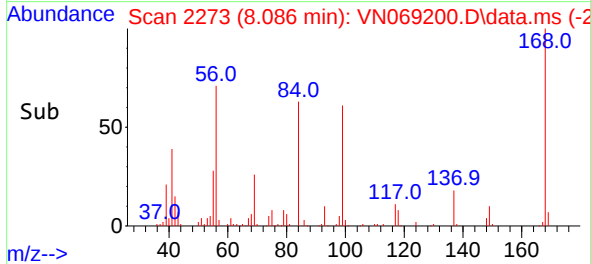




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



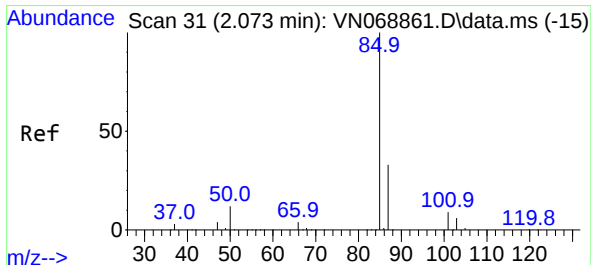
Tgt Ion: 168 Resp: 231262
Ion Ratio Lower Upper
168 100
99 60.6 48.9 73.3



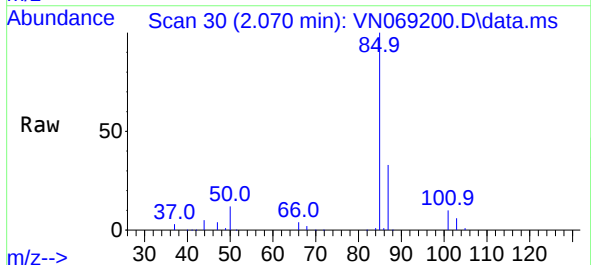
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

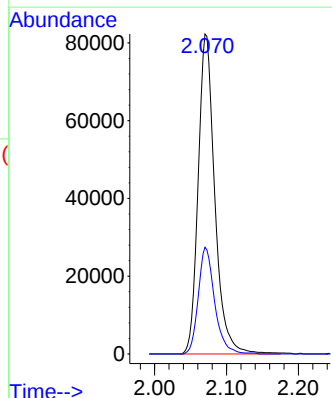
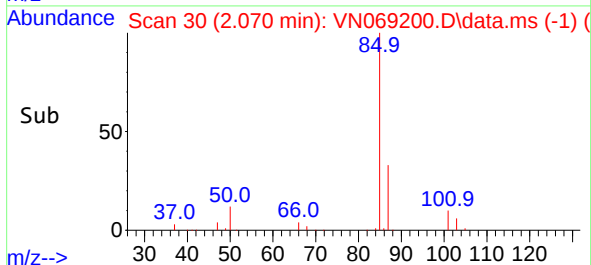
MMDadoda
10/27/2021 5:05:49 PM



#2
Dichlorodifluoromethane
Concen: 46.128 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion: 85 Resp: 132553
Ion Ratio Lower Upper
85 100
87 33.3 16.3 48.8





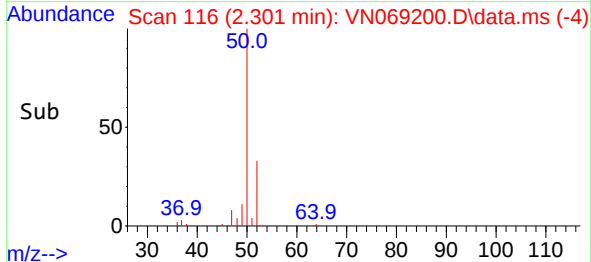
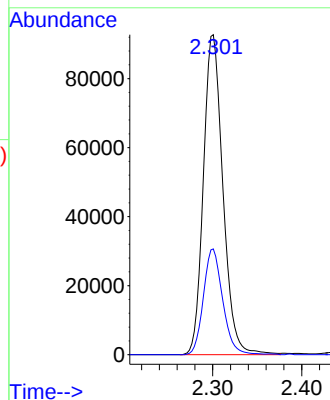
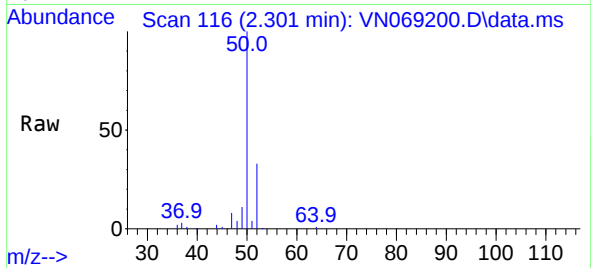
#3
Chloromethane
Concen: 49.996 ug/l
RT: 2.301 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 50 Resp: 141320
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

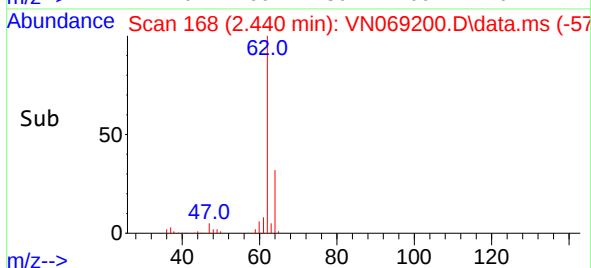
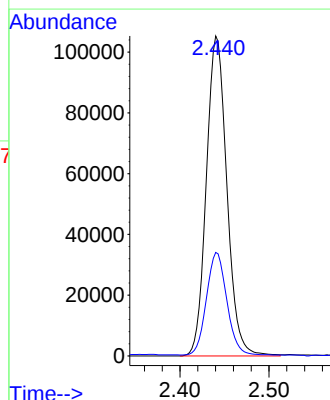
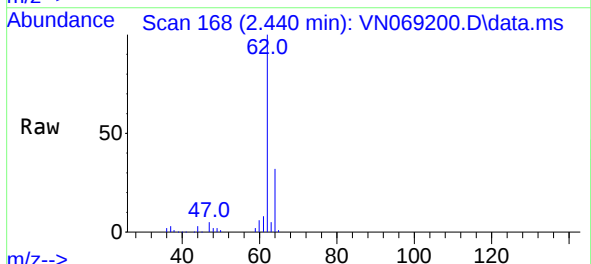
Manual Integrations
APPROVED

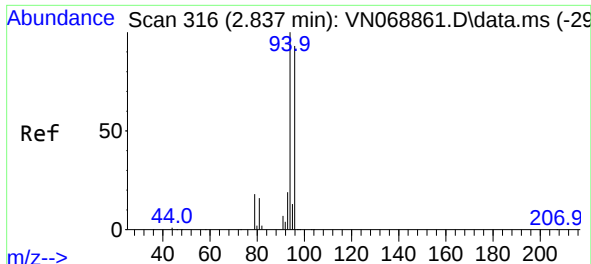
MMDadoda
10/27/2021 5:05:49 PM



#4
Vinyl Chloride
Concen: 58.816 ug/l
RT: 2.440 min Scan# 168
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

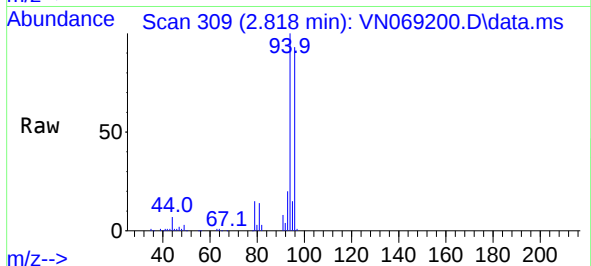
Tgt Ion: 62 Resp: 168863
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5
Bromomethane
Concen: 68.437 ug/l
RT: 2.818 min Scan# 309
Delta R.T. -0.019 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

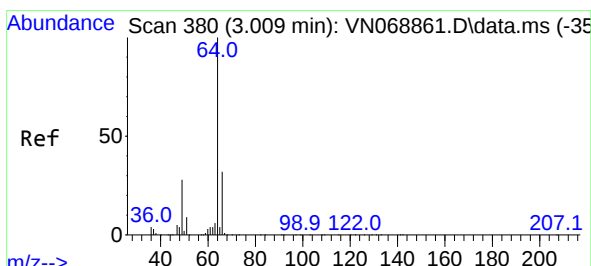
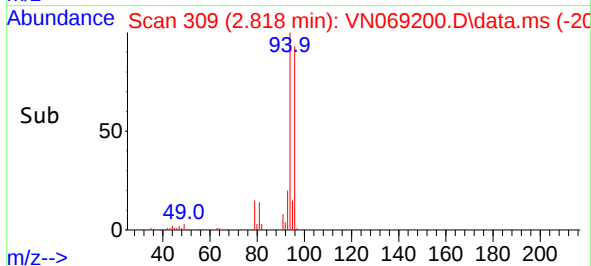
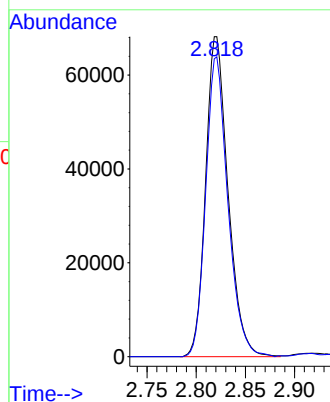
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 108077
Ion Ratio Lower Upper
94 100
96 93.1 74.2 111.4

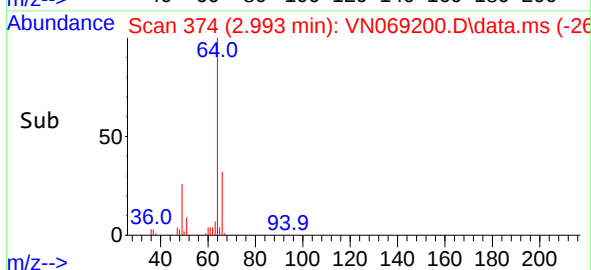
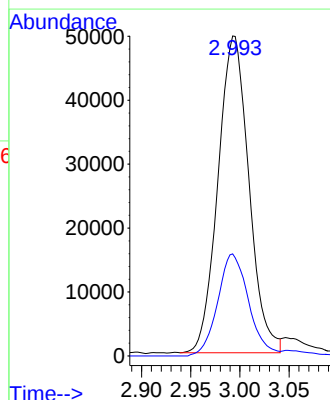
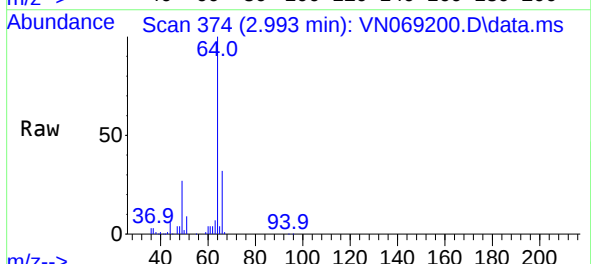
Manual Integrations
APPROVED

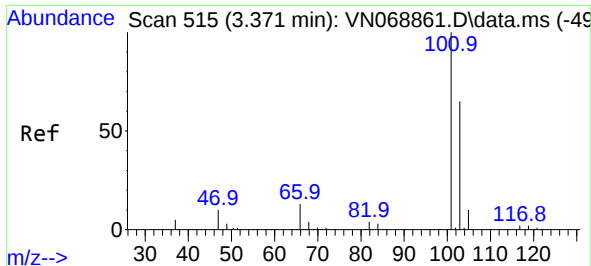
MMDadoda
10/27/2021 5:05:49 PM



#6
Chloroethane
Concen: 64.101 ug/l
RT: 2.993 min Scan# 374
Delta R.T. -0.016 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 64 Resp: 108459
Ion Ratio Lower Upper
64 100
66 32.2 25.6 38.4





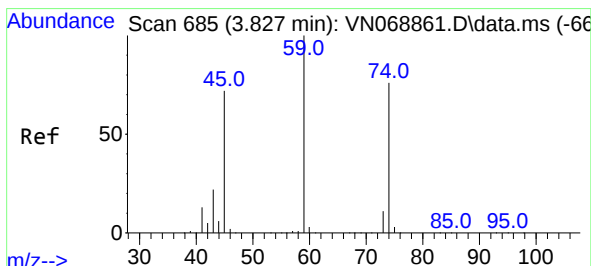
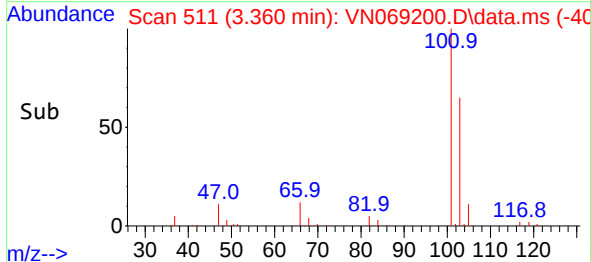
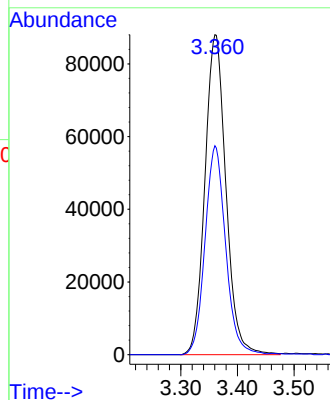
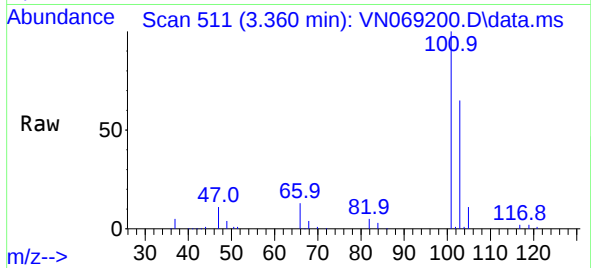
#7
Trichlorofluoromethane
Concen: 56.434 ug/l
RT: 3.360 min Scan# 511
Delta R.T. -0.011 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion:101 Resp: 226879
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

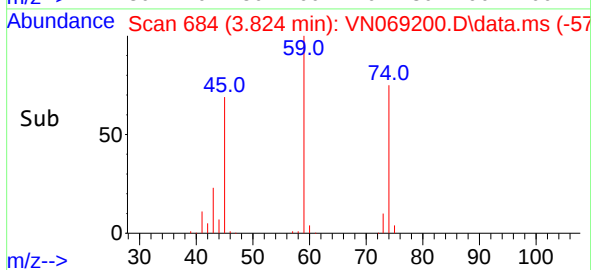
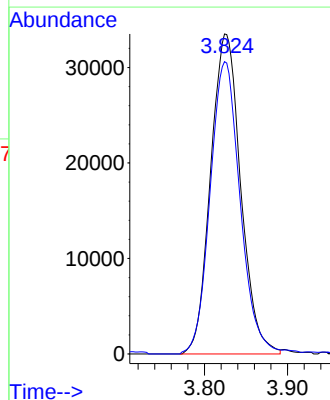
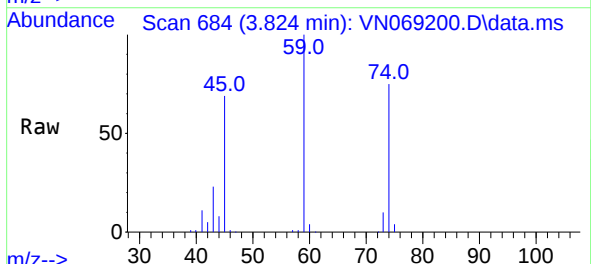
Manual Integrations
APPROVED

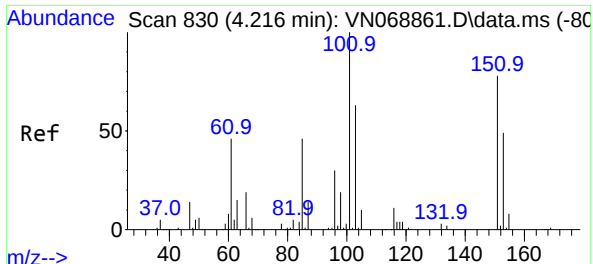
MMDadoda
10/27/2021 5:05:49 PM



#8
Diethyl Ether
Concen: 56.259 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

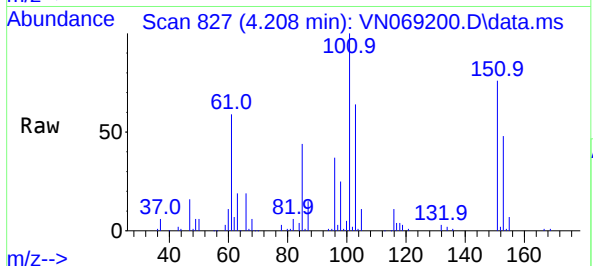
Tgt Ion: 74 Resp: 84366
Ion Ratio Lower Upper
74 100
45 91.4 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.794 ug/l
RT: 4.208 min Scan# 827
Delta R.T. -0.008 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

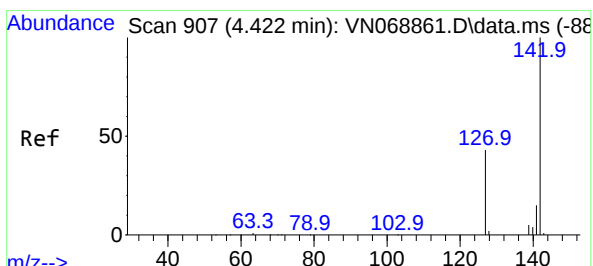
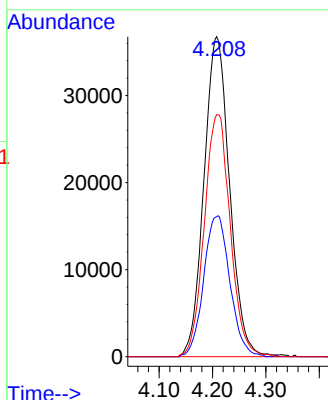
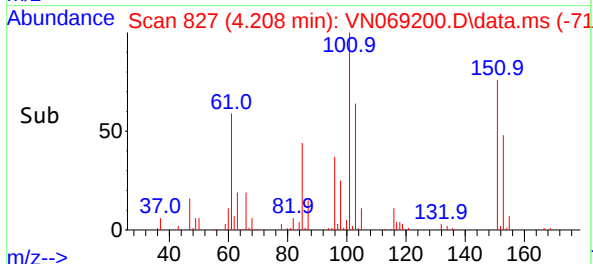
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



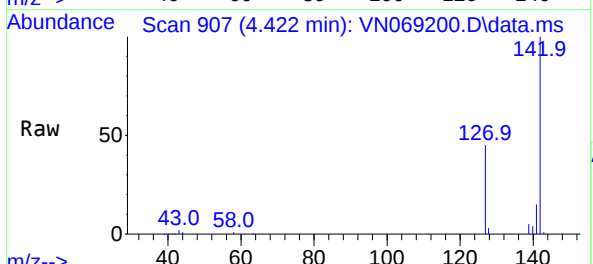
Tgt Ion:101 Resp: 122774
Ion Ratio Lower Upper
101 100
85 44.9 37.2 55.8
151 76.6 61.1 91.7

Manual Integrations
APPROVED

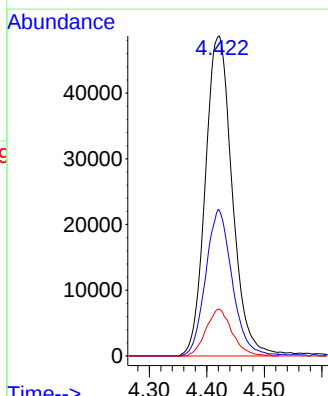
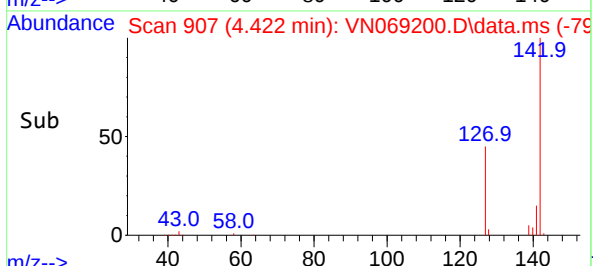
MMDadoda
10/27/2021 5:05:49 PM



#10
Methyl Iodide
Concen: 50.349 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion:142 Resp: 157971
Ion Ratio Lower Upper
142 100
127 45.2 34.4 51.6
141 14.2 11.3 16.9





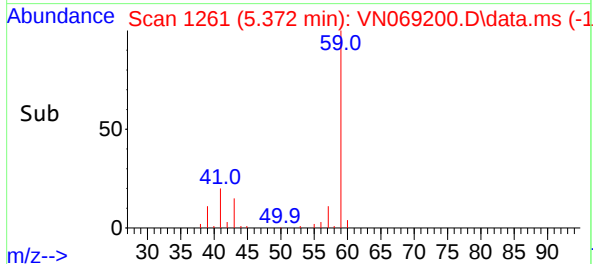
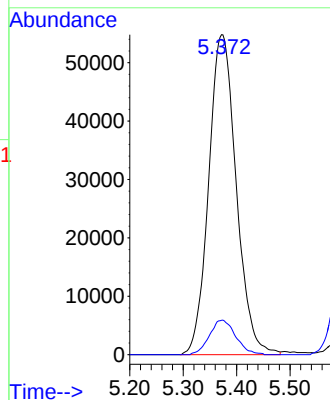
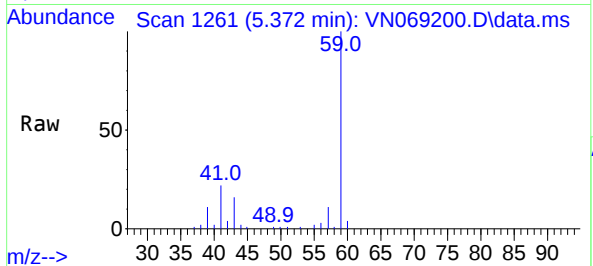
#11
Tert butyl alcohol
Concen: 352.930 ug/l
RT: 5.372 min Scan# 1261
Delta R.T. 0.008 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 59 Resp: 196636
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

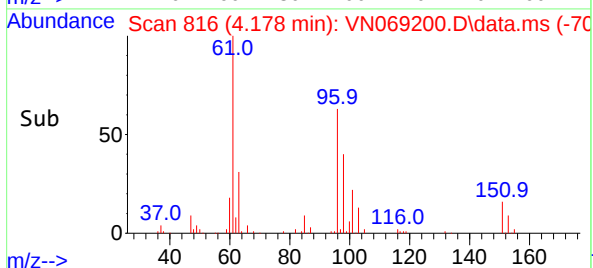
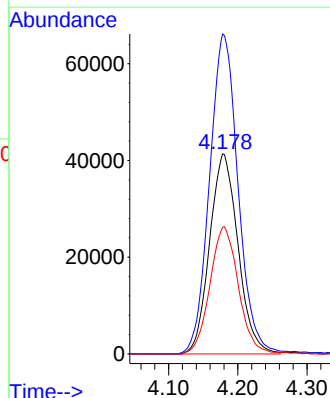
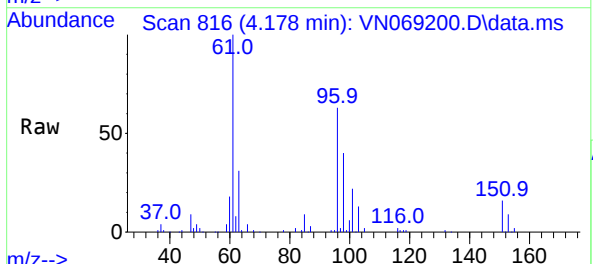
Manual Integrations
APPROVED

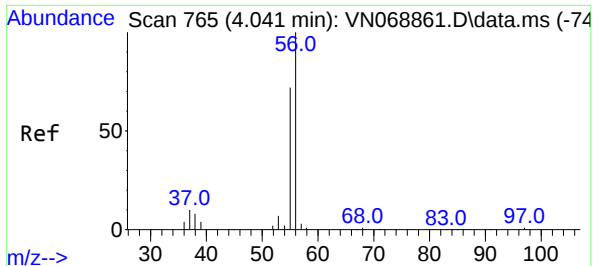
MMDadoda
10/27/2021 5:05:49 PM



#12
1,1-Dichloroethene
Concen: 52.776 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.008 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

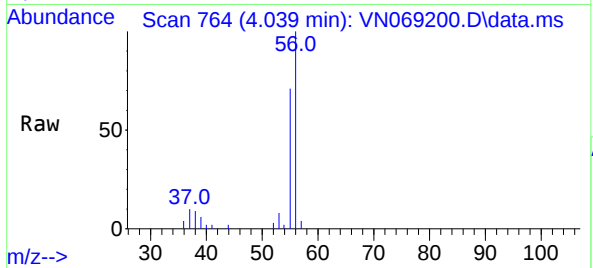
Tgt Ion: 96 Resp: 117933
Ion Ratio Lower Upper
96 100
61 159.5 129.8 194.6
98 63.3 51.4 77.2





#13
Acrolein
Concen: 263.128 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

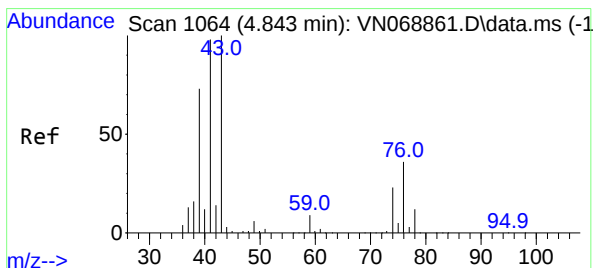
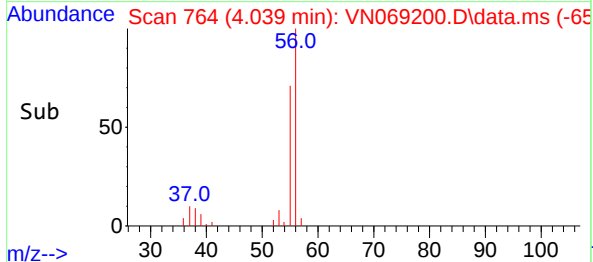
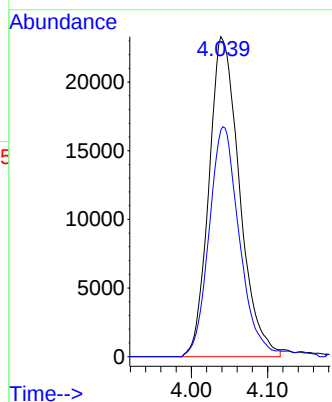
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 64853
Ion Ratio Lower Upper
56 100
55 71.3 58.1 87.1

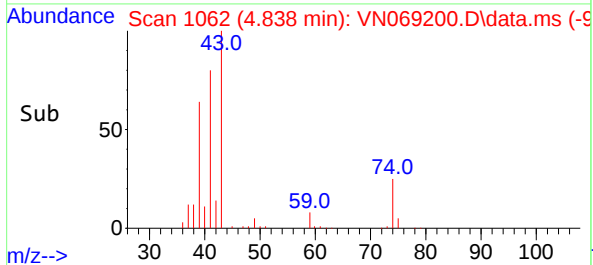
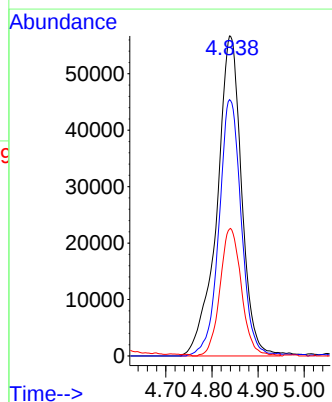
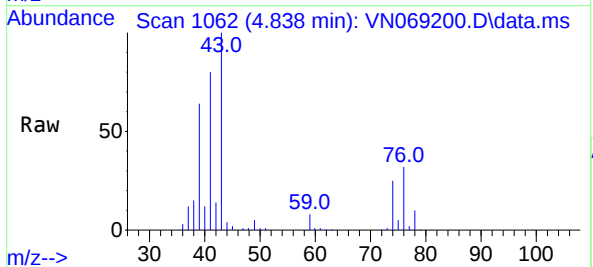
Manual Integrations
APPROVED

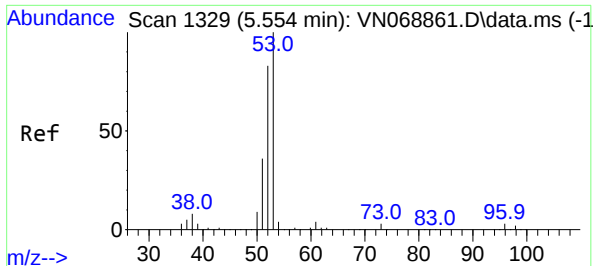
MMDadoda
10/27/2021 5:05:49 PM



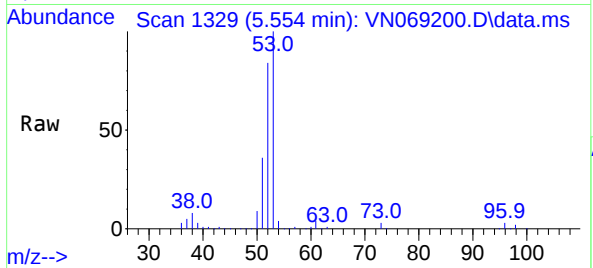
#14
Allyl chloride
Concen: 52.432 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.005 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 41 Resp: 210035
Ion Ratio Lower Upper
41 100
39 72.2 55.6 83.4
76 34.5 26.4 39.6

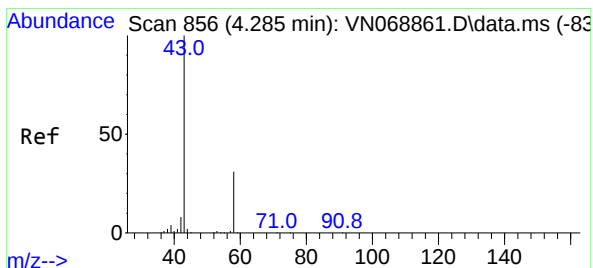
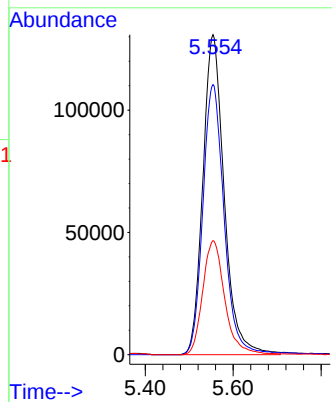
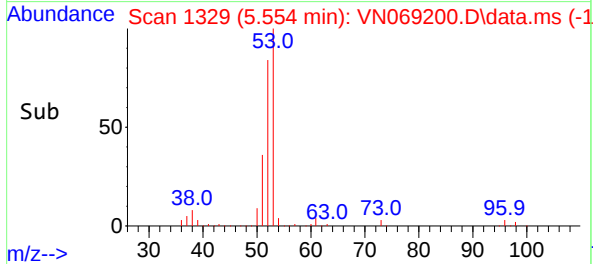




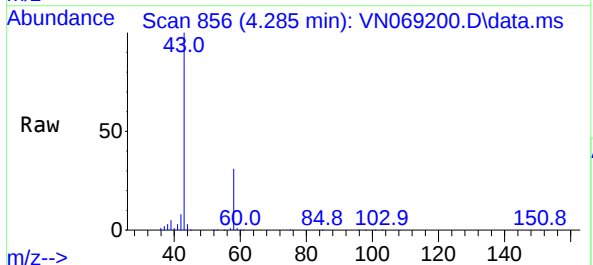
#15
Acrylonitrile
Concen: 353.297 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



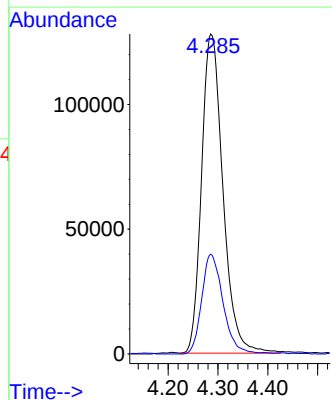
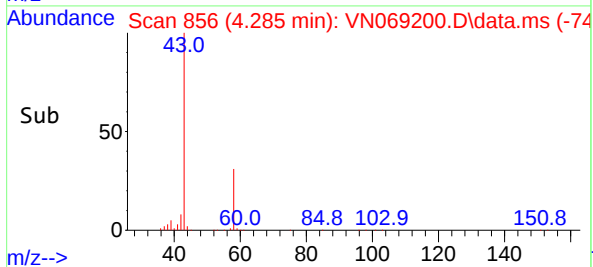
Tgt Ion: 53 Resp: 441064
Ion Ratio Lower Upper
53 100
52 83.9 65.7 98.5
51 36.8 28.9 43.3



#16
Acetone
Concen: 335.117 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



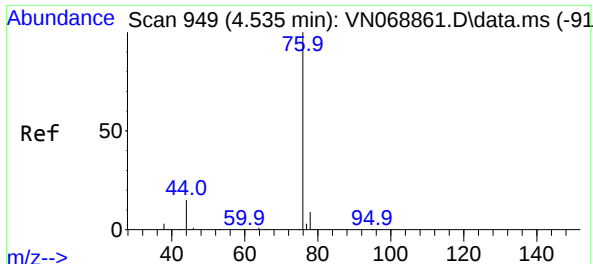
Tgt Ion: 43 Resp: 381319
Ion Ratio Lower Upper
43 100
58 31.2 24.5 36.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



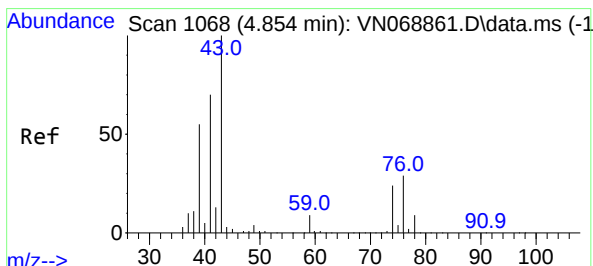
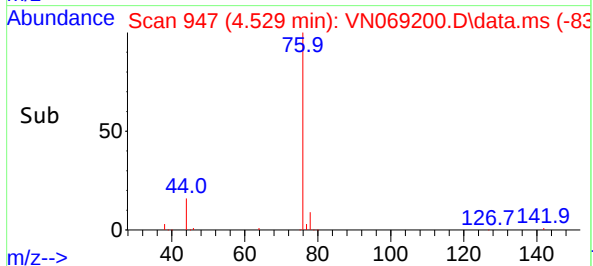
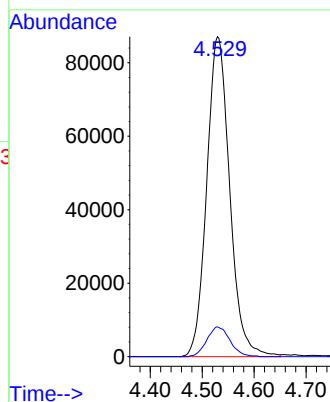
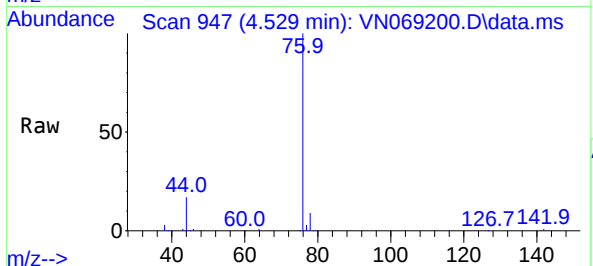
#17
Carbon Disulfide
Concen: 44.145 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 76 Resp: 267719
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

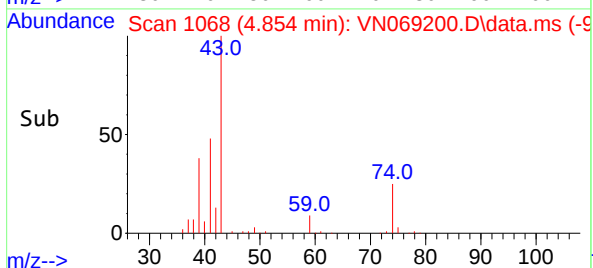
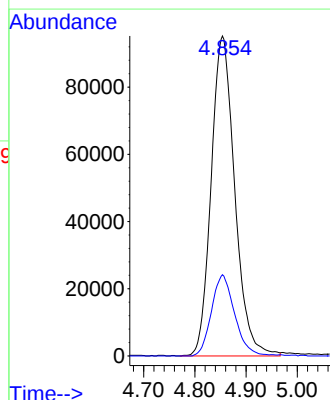
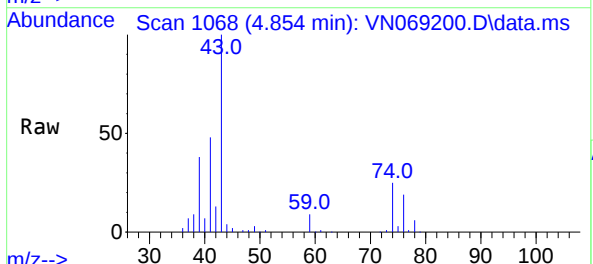
Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



#18
Methyl Acetate
Concen: 70.645 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 43 Resp: 304899
Ion Ratio Lower Upper
43 100
74 24.8 18.9 28.3





#19

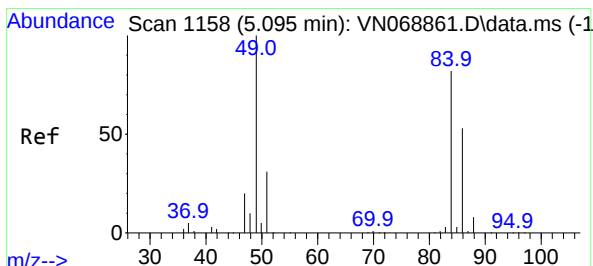
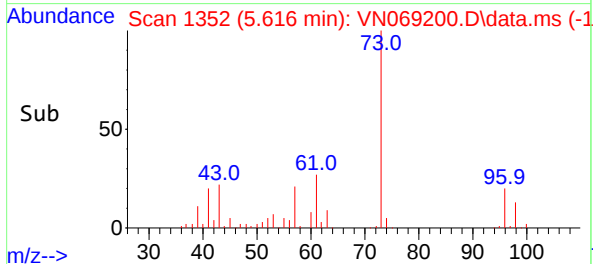
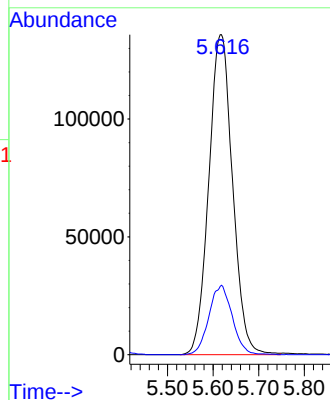
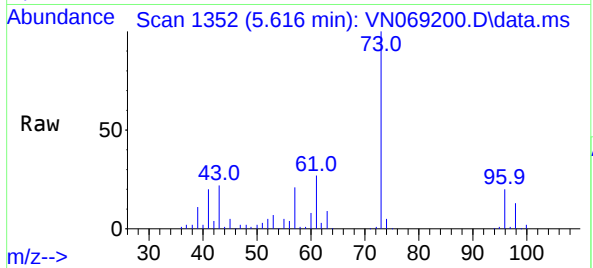
Methyl tert-butyl Ether
Concen: 59.124 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 73 Resp: 491943
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

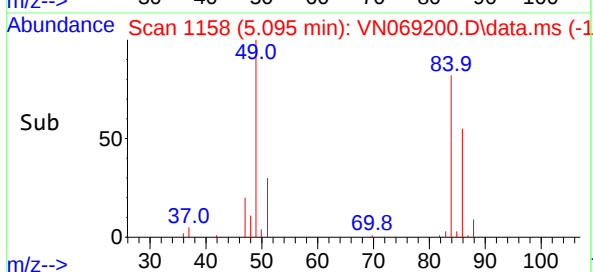
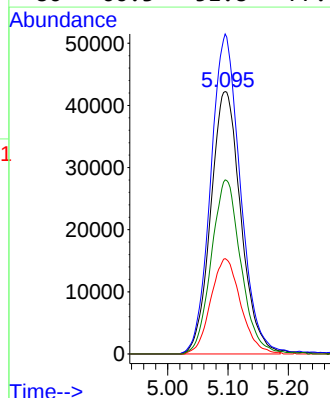
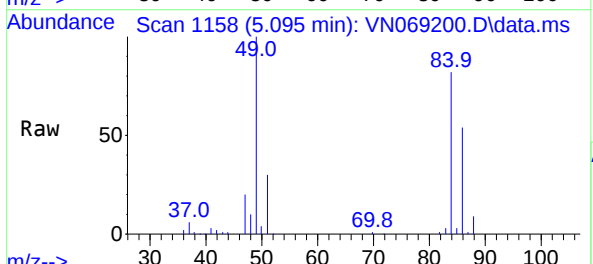
MMDadoda
10/27/2021 5:05:49 PM



#20

Methylene Chloride
Concen: 55.856 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 84 Resp: 146286
Ion Ratio Lower Upper
84 100
49 122.0 97.6 146.4
51 36.3 30.3 45.5
86 66.3 51.8 77.6





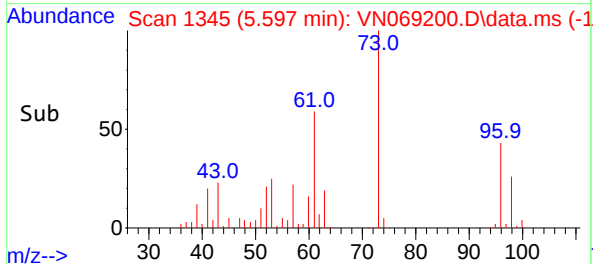
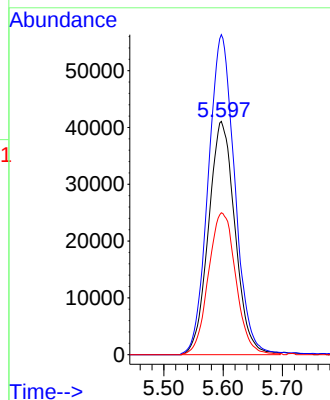
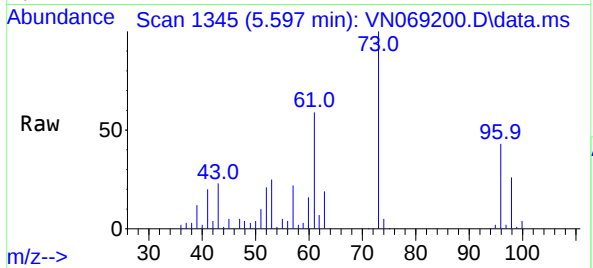
#21
trans-1,2-Dichloroethene
Concen: 52.832 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 96 Resp: 127545
Ion Ratio Lower Upper
96 100
61 137.2 112.4 168.6
98 60.8 52.0 78.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

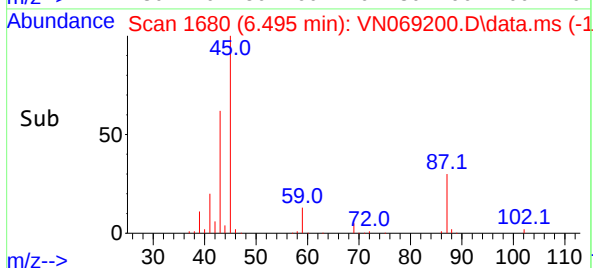
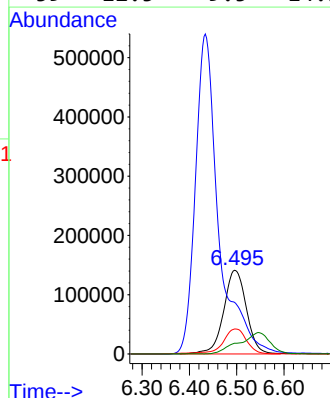
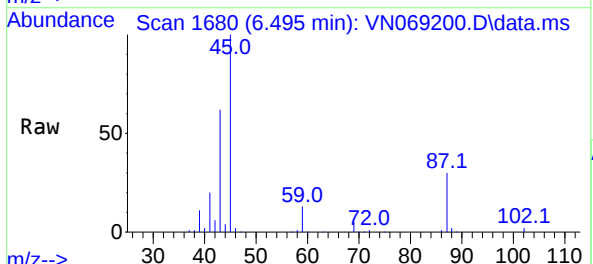
Manual Integrations
APPROVED

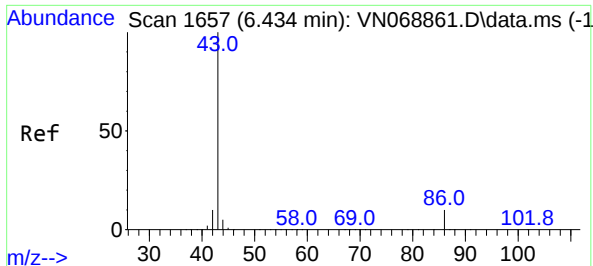
MMDadoda
10/27/2021 5:05:49 PM



#22
Diisopropyl ether
Concen: 56.549 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 45 Resp: 471076
Ion Ratio Lower Upper
45 100
43 59.4 48.0 72.0
87 29.6 23.4 35.0
59 12.5 9.5 14.3





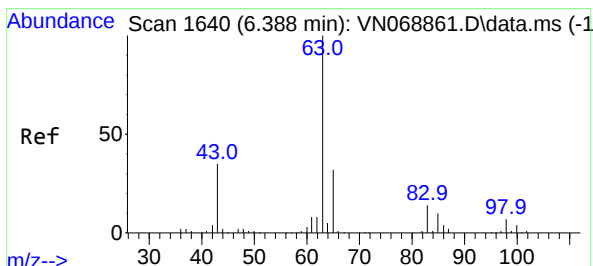
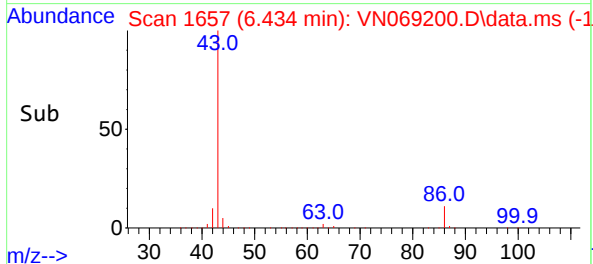
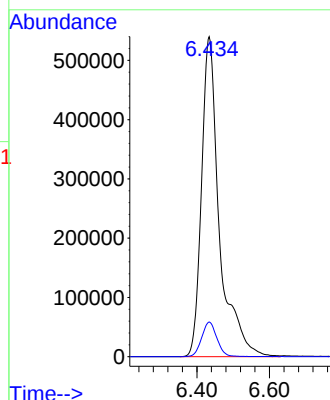
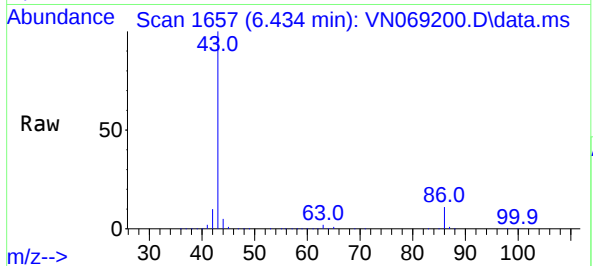
#23
 Vinyl Acetate
 Concen: 292.972 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: VN069200.D
 Acq: 26 Oct 2021 21:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1845044
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.3 12.5

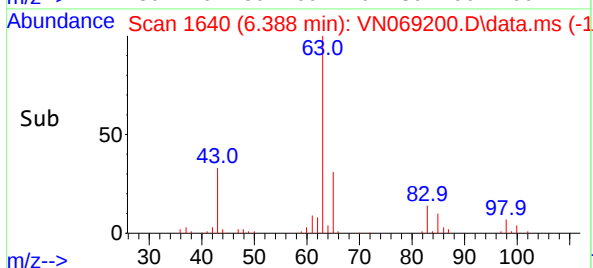
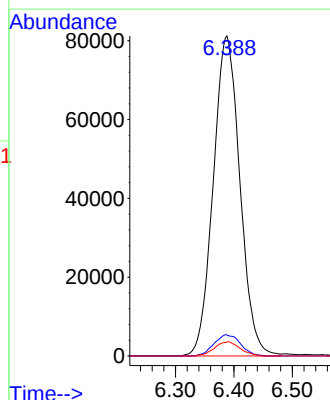
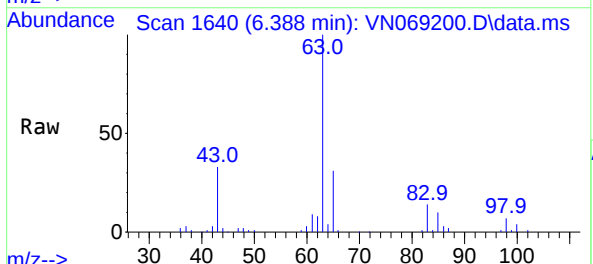
Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:05:49 PM



#24
 1,1-Dichloroethane
 Concen: 56.882 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069200.D
 Acq: 26 Oct 2021 21:47

Tgt Ion: 63 Resp: 257454
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.3 2.1 6.5





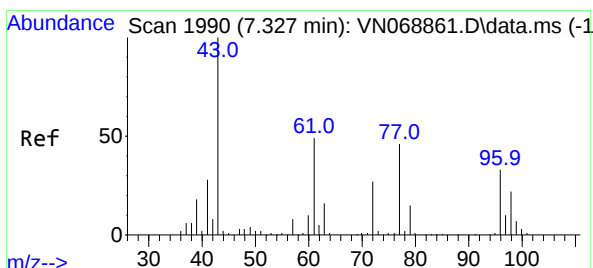
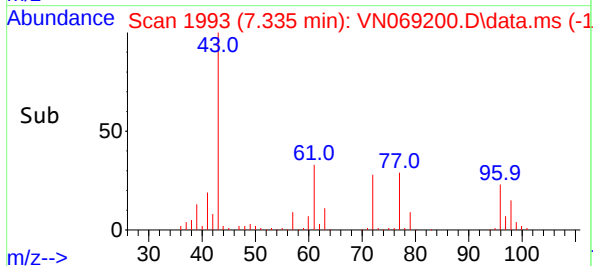
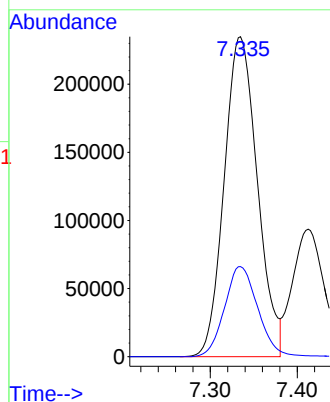
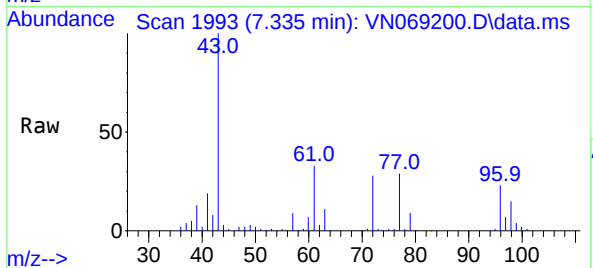
#25
2-Butanone
Concen: 362.406 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 43 Resp: 623573
Ion Ratio Lower Upper
43 100
72 28.2 21.2 31.8

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

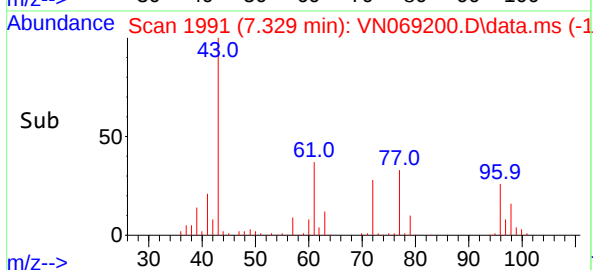
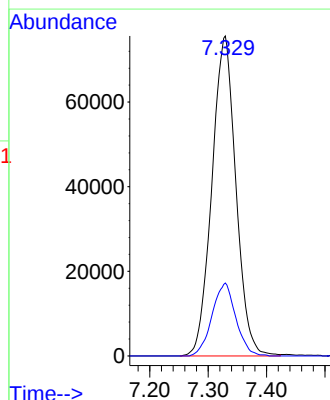
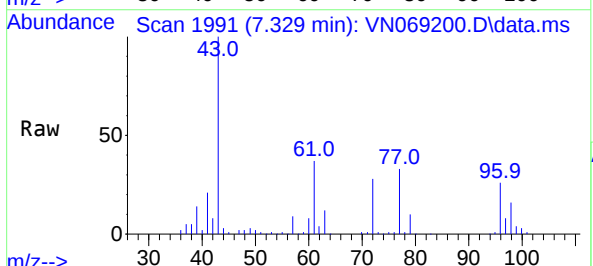
Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



#26
2,2-Dichloropropane
Concen: 50.106 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 77 Resp: 216127
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





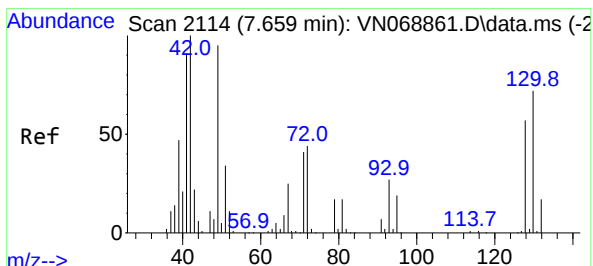
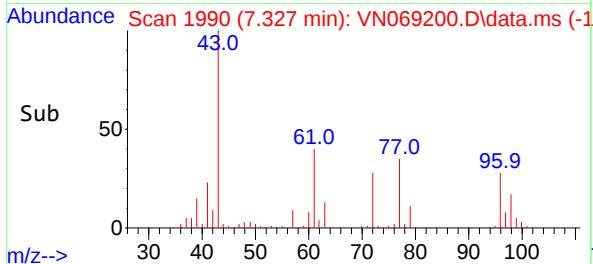
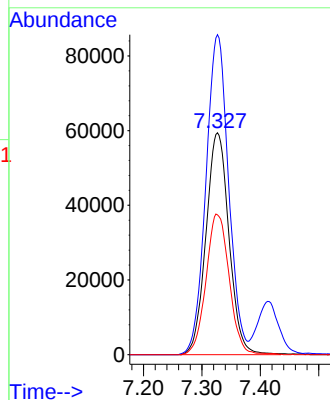
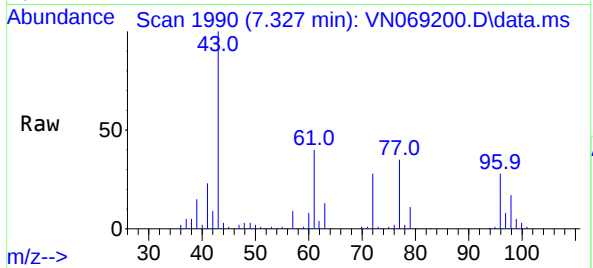
#27
cis-1,2-Dichloroethene
Concen: 55.846 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 96 Resp: 162975
Ion Ratio Lower Upper
96 100
61 141.6 0.0 290.6
98 63.5 0.0 127.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

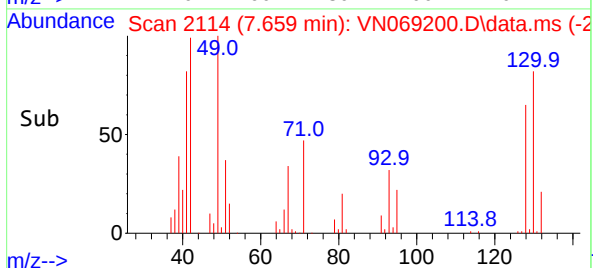
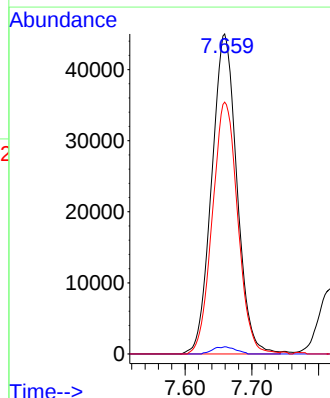
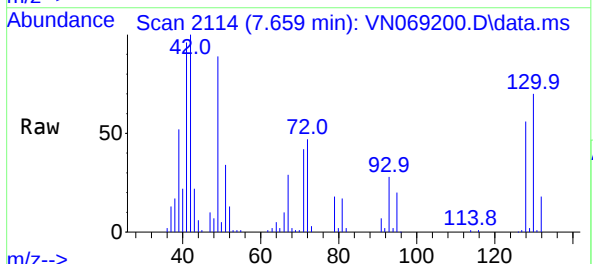
Manual Integrations
APPROVED

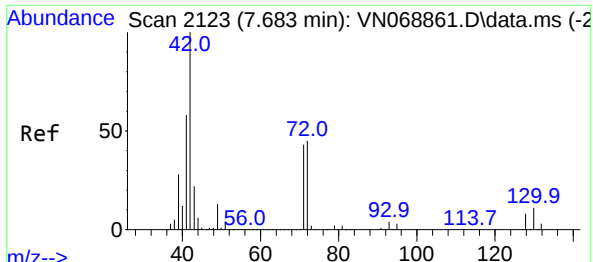
MMDadoda
10/27/2021 5:05:49 PM



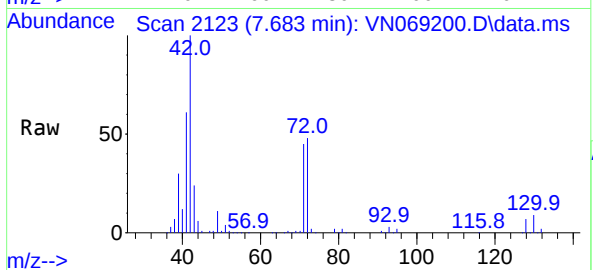
#28
Bromochloromethane
Concen: 57.592 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 49 Resp: 118061
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 79.1 60.8 91.2

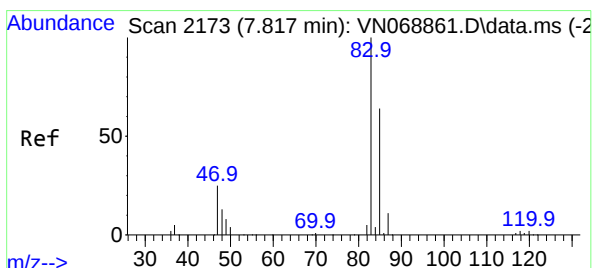
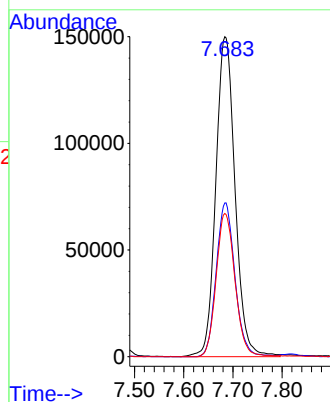
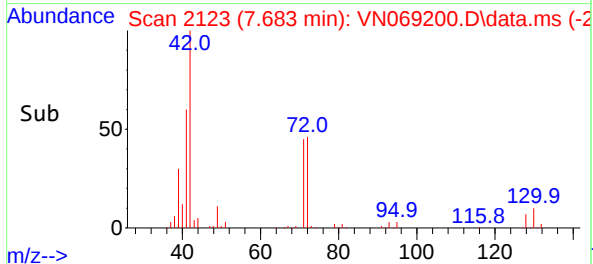




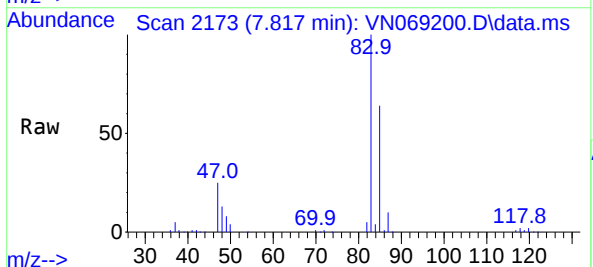
#29
Tetrahydrofuran
Concen: 365.331 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



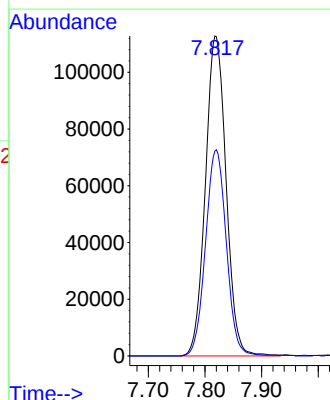
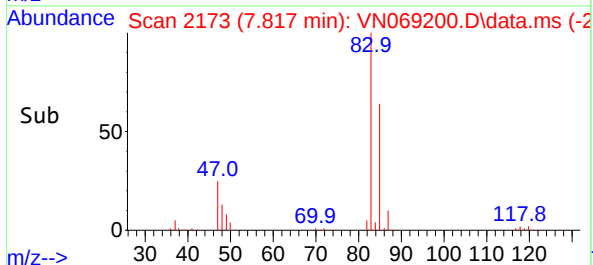
Tgt Ion: 42 Resp: 407741
Ion Ratio Lower Upper
42 100
72 46.8 35.4 53.2
71 43.9 33.8 50.6



#30
Chloroform
Concen: 60.015 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



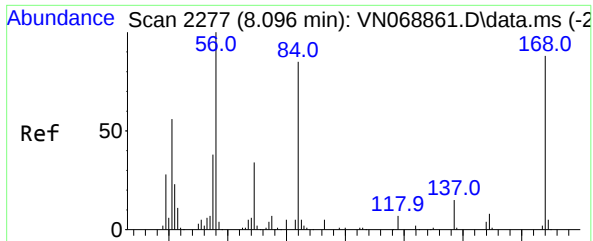
Tgt Ion: 83 Resp: 286269
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7



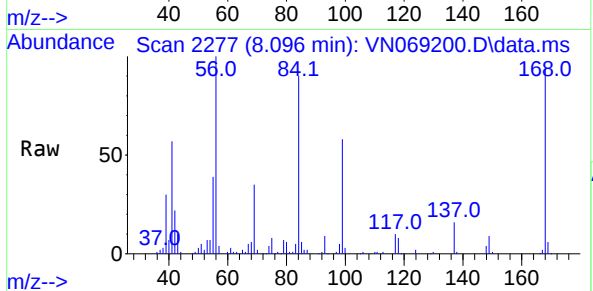
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM

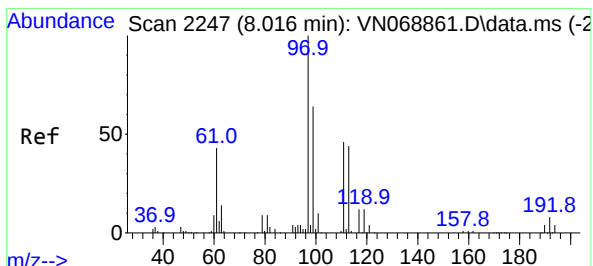
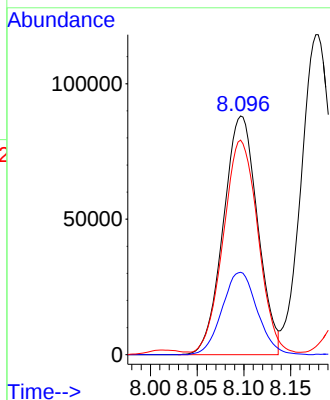
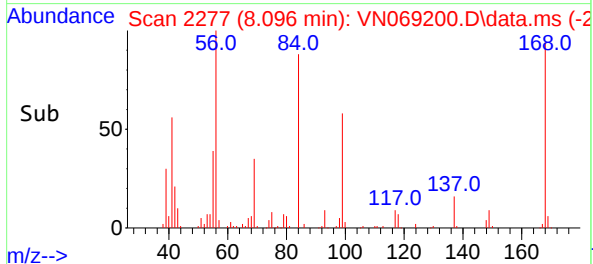


#31
Cyclohexane
Concen: 47.494 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

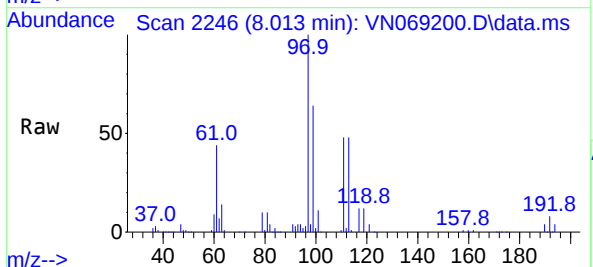


Tgt Ion: 56 Resp: 225164

Ion	Ratio	Lower	Upper
56	100		
69	34.6	26.9	40.3
84	88.4	67.6	101.4

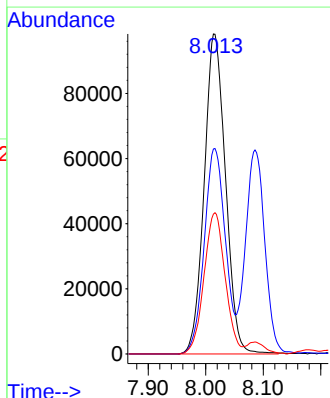
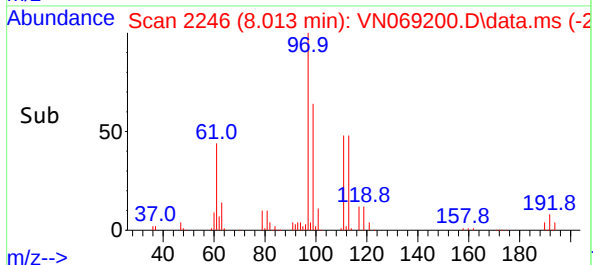


#32
1,1,1-Trichloroethane
Concen: 56.926 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion: 97 Resp: 253131

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.8	76.2
61	44.0	34.6	51.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



#33

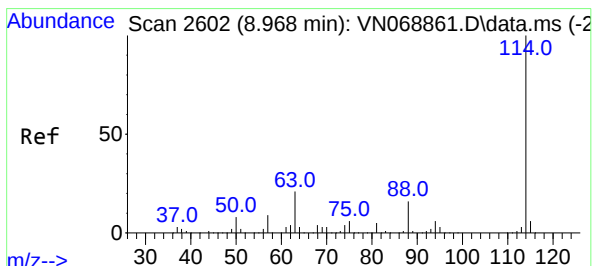
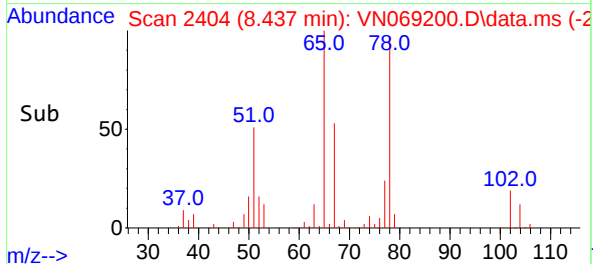
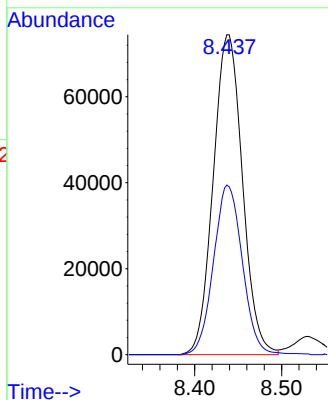
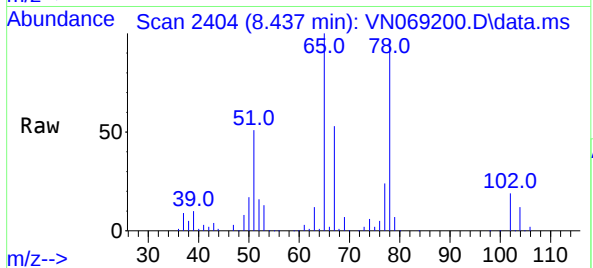
1,2-Dichloroethane-d4
Concen: 57.095 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 65 Resp: 174090
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

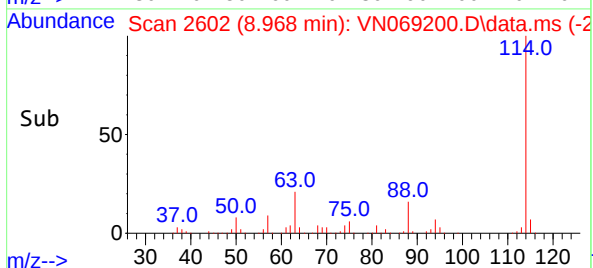
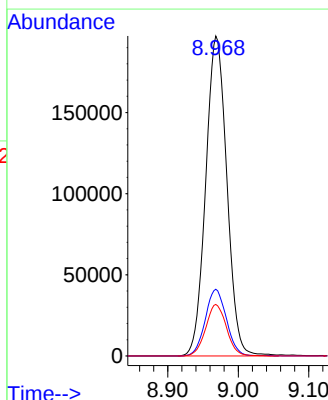
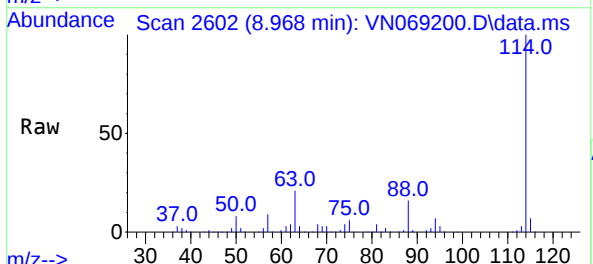
MMDadoda
10/27/2021 5:05:49 PM

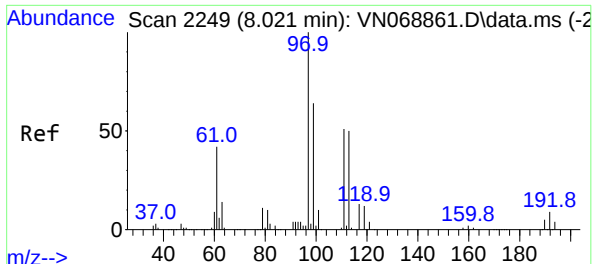


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

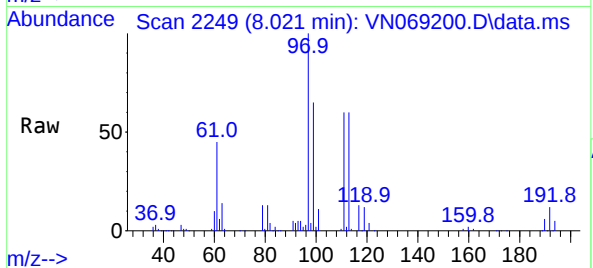
Tgt Ion: 114 Resp: 410684
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.1 0.0 32.0





#35
Dibromofluoromethane
Concen: 56.452 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

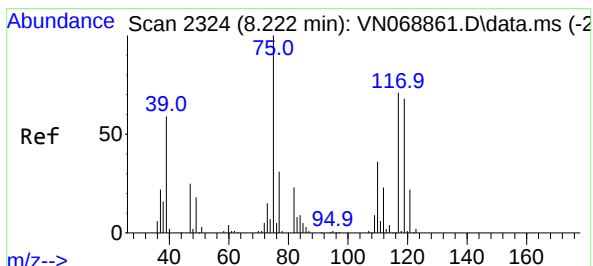
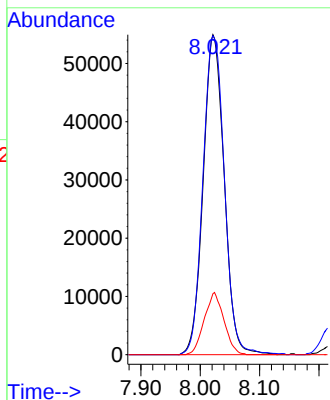
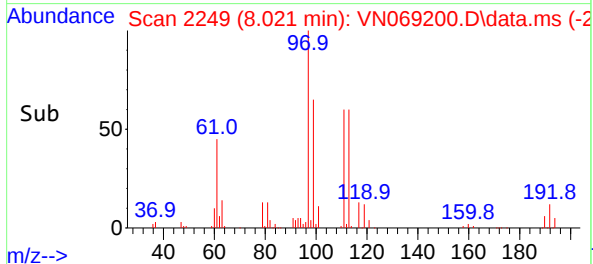
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



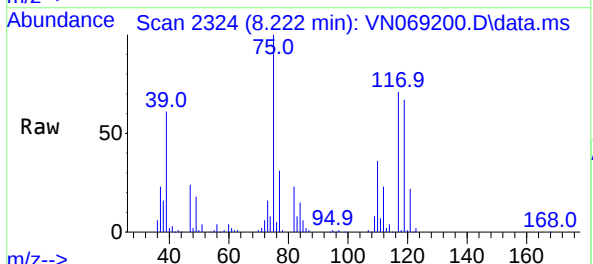
Tgt Ion:113 Resp: 134886
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 18.3 15.0 22.4

Manual Integrations
APPROVED

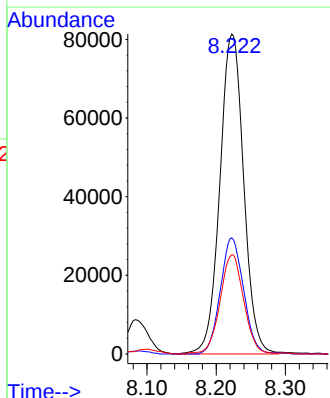
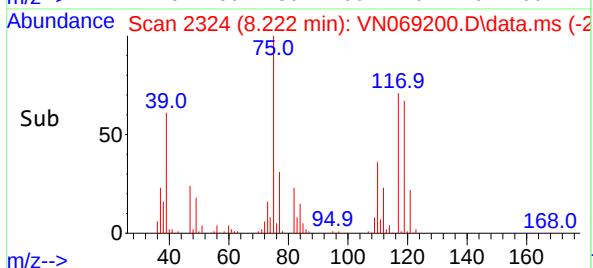
MMDadoda
10/27/2021 5:05:49 PM

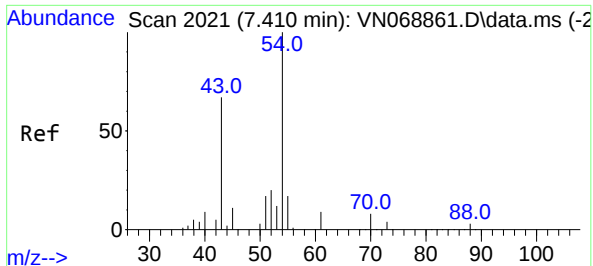


#36
1,1-Dichloropropene
Concen: 55.412 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion: 75 Resp: 194380
Ion Ratio Lower Upper
75 100
110 35.5 17.9 53.8
77 30.8 24.7 37.1





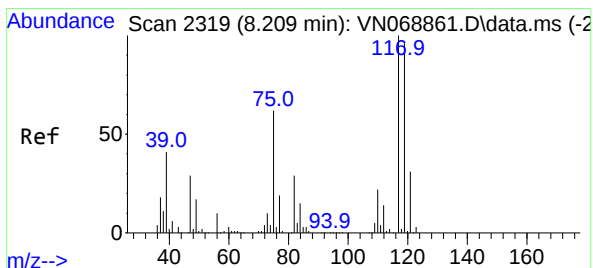
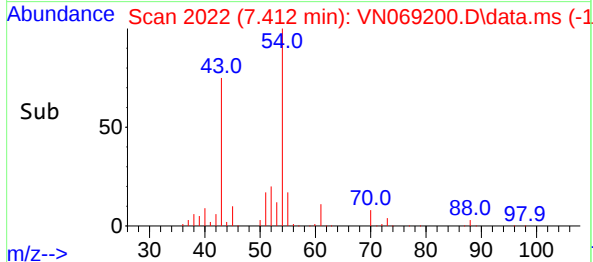
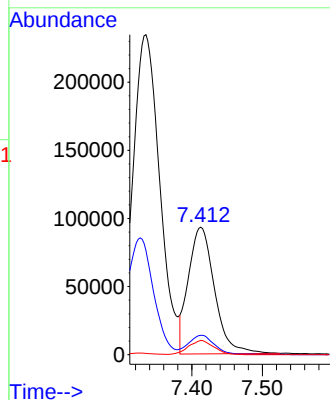
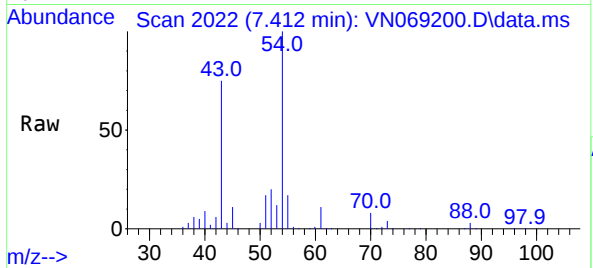
#37
Ethyl Acetate
Concen: 66.056 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 43 Resp: 239316
Ion Ratio Lower Upper
43 100
61 14.6 11.2 16.8
70 10.9 8.4 12.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

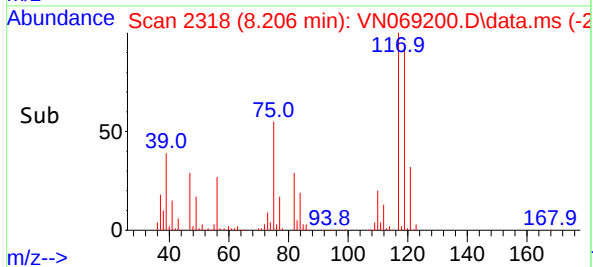
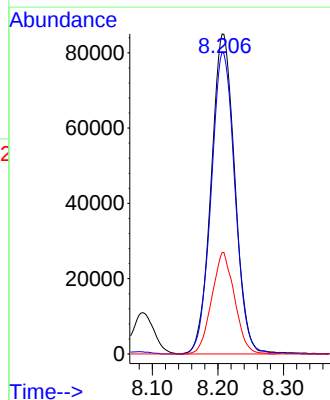
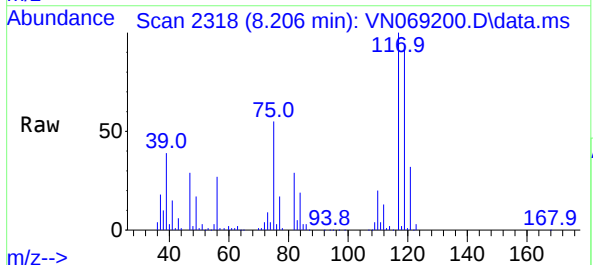
Manual Integrations
APPROVED

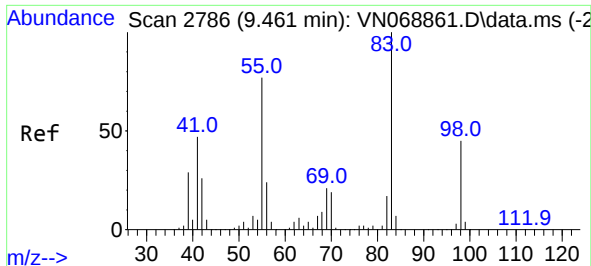
MMDadoda
10/27/2021 5:05:49 PM



#38
Carbon Tetrachloride
Concen: 55.293 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 117 Resp: 213022
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3
121 31.7 24.6 37.0





#39

Methylcyclohexane

Concen: 51.594 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069200.D

Acq: 26 Oct 2021 21:47

Tgt Ion: 83 Resp: 232948

Ion	Ratio	Lower	Upper
83	100		
55	74.7	61.4	92.0
98	47.4	36.4	54.6

Instrument :

MSVOA_N

ClientSampleId :

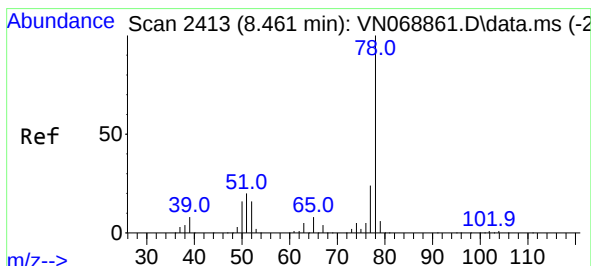
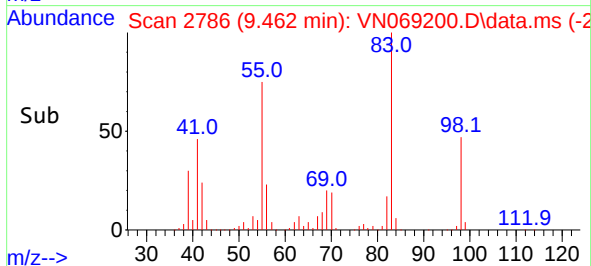
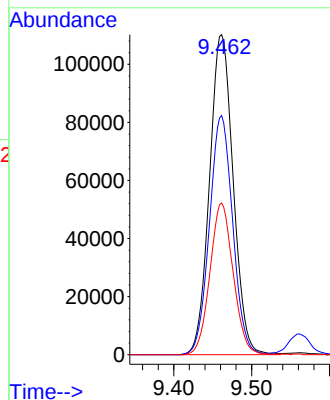
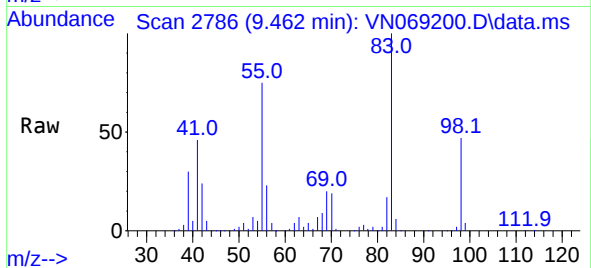
VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

10/27/2021 5:05:49 PM



#40

Benzene

Concen: 56.512 ug/l

RT: 8.461 min Scan# 2413

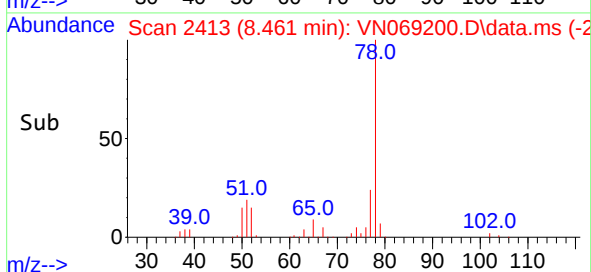
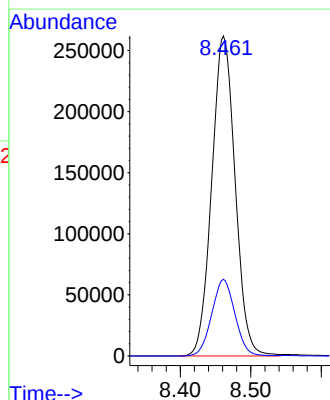
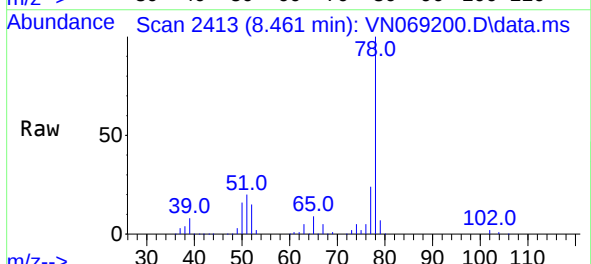
Delta R.T. 0.000 min

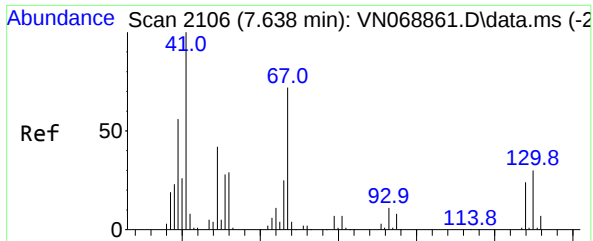
Lab File: VN069200.D

Acq: 26 Oct 2021 21:47

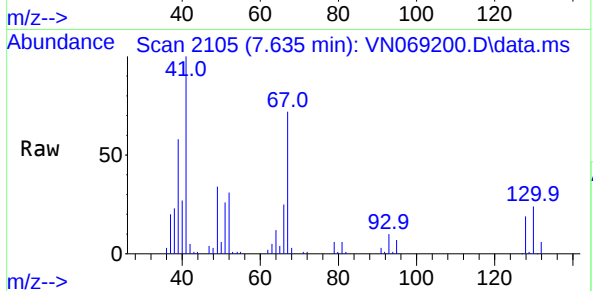
Tgt Ion: 78 Resp: 603648

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7



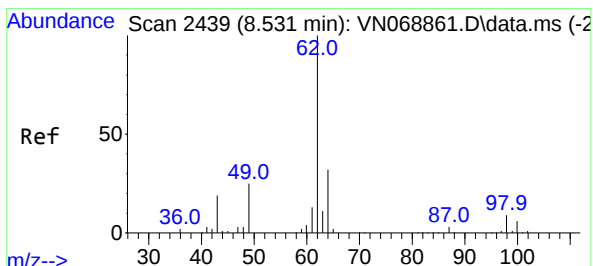
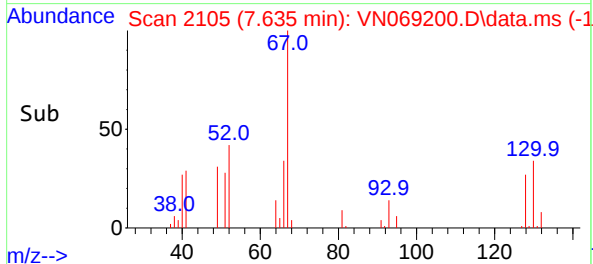
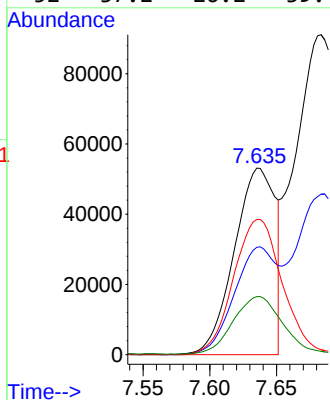


#41
Methacrylonitrile
Concen: 62.115 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

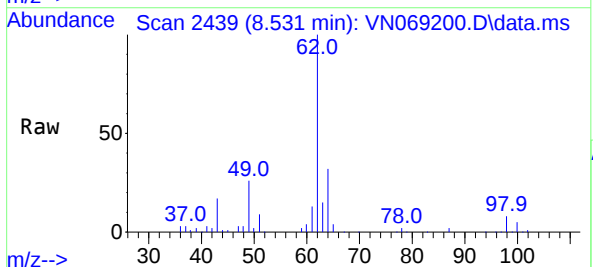


Tgt Ion: 41 Resp: 113439

Ion	Ratio	Lower	Upper
41	100		
39	61.7	44.9	67.3
67	87.4	62.6	93.8
52	37.2	26.2	39.4

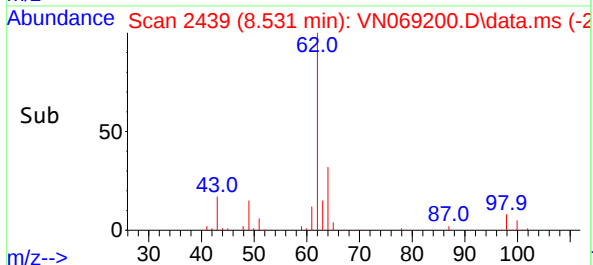
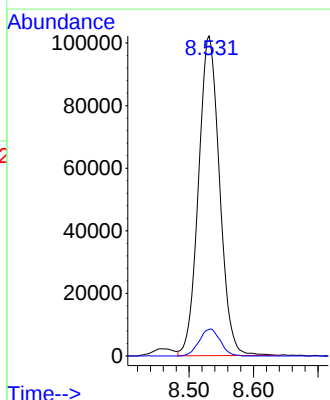


#42
1,2-Dichloroethane
Concen: 61.188 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion: 62 Resp: 231448

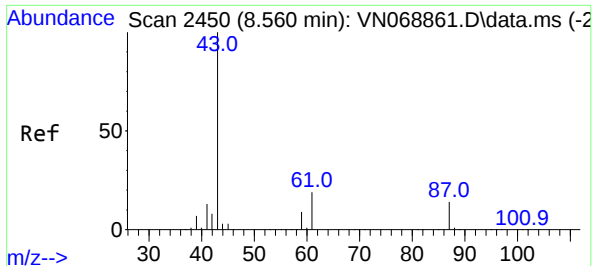
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



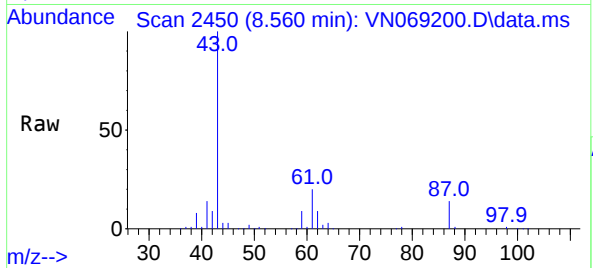
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

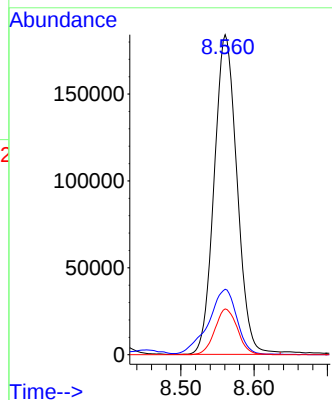
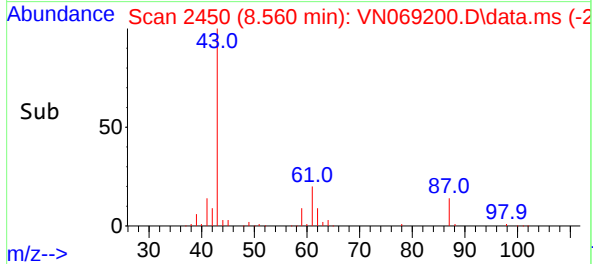
MMDadoda
10/27/2021 5:05:49 PM



#43
Isopropyl Acetate
Concen: 62.269 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



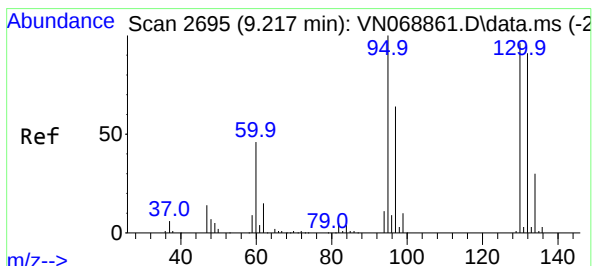
Tgt Ion: 43 Resp: 398041
Ion Ratio Lower Upper
43 100
61 25.3 20.4 30.6
87 14.2 10.7 16.1



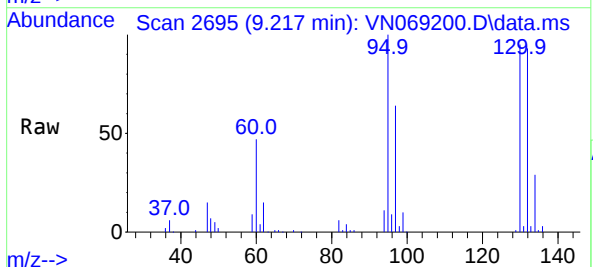
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

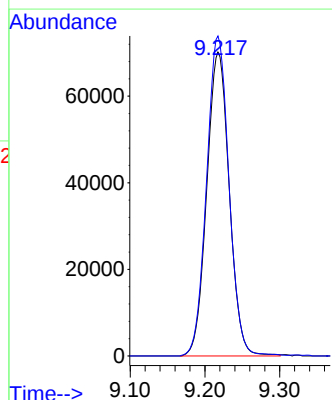
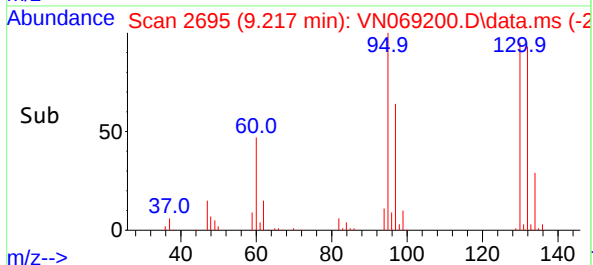
MMDadoda
10/27/2021 5:05:49 PM

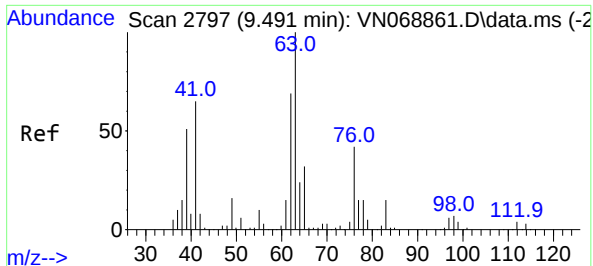


#44
Trichloroethene
Concen: 54.929 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion: 130 Resp: 146844
Ion Ratio Lower Upper
130 100
95 105.3 0.0 208.0





#45

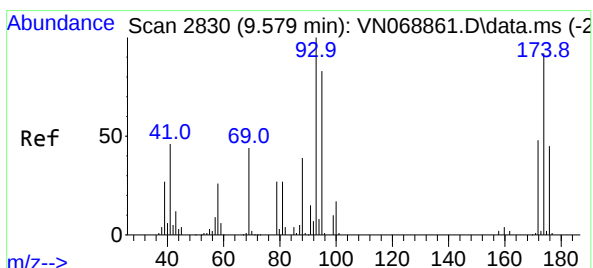
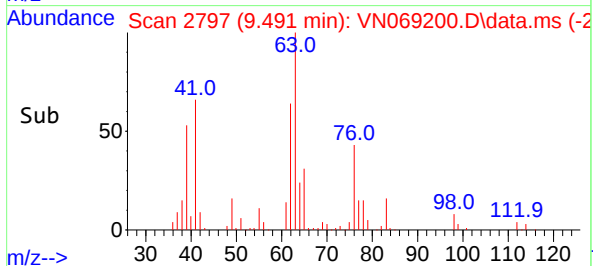
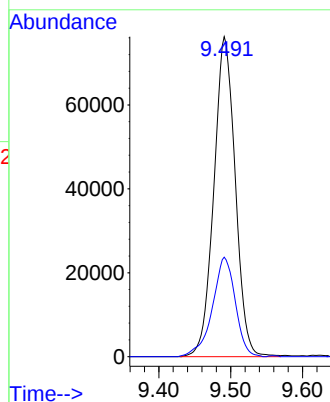
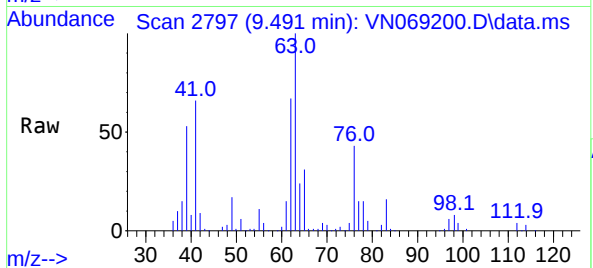
1,2-Dichloropropane
Concen: 56.872 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 63 Resp: 157636
Ion Ratio Lower Upper
63 100
65 31.1 25.6 38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

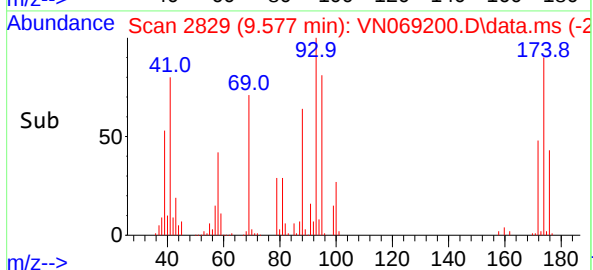
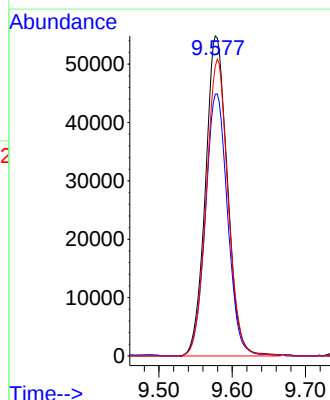
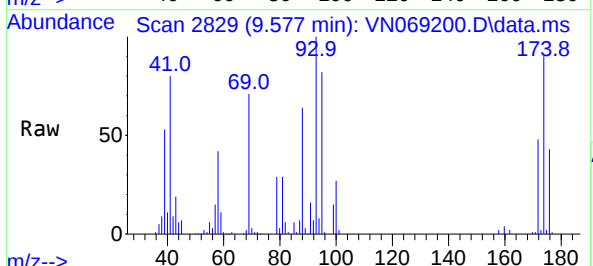
MMDadoda
10/27/2021 5:05:49 PM



#46

Dibromomethane
Concen: 60.475 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

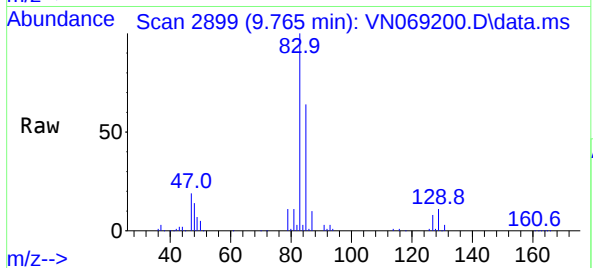
Tgt Ion: 93 Resp: 114420
Ion Ratio Lower Upper
93 100
95 82.3 66.5 99.7
174 91.8 73.8 110.8





#47
Bromodichloromethane
Concen: 57.149 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

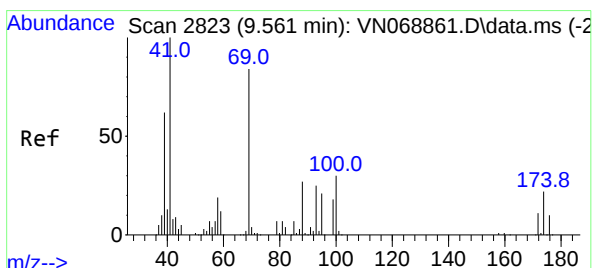
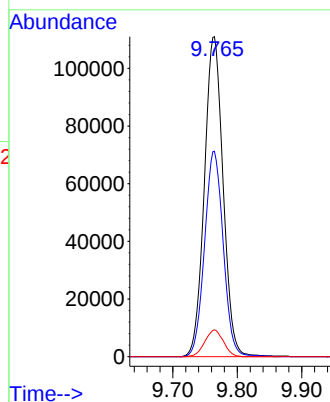
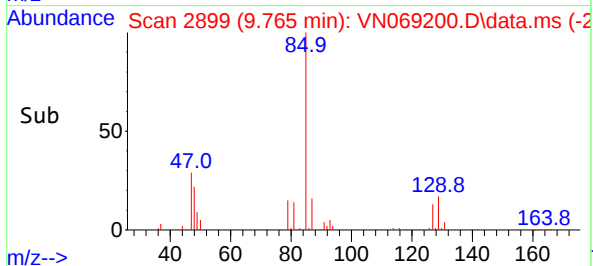
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



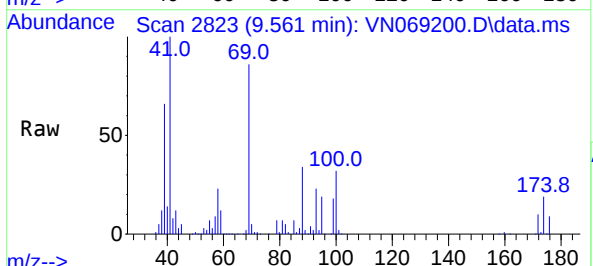
Tgt Ion: 83 Resp: 224067
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1
127 8.4 6.5 9.7

Manual Integrations
APPROVED

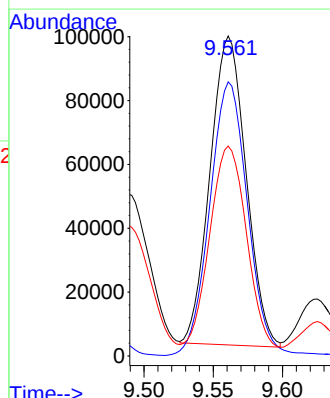
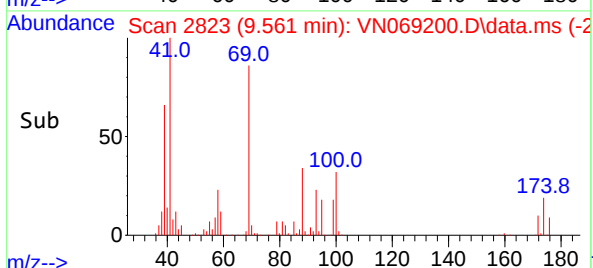
MMDadoda
10/27/2021 5:05:49 PM

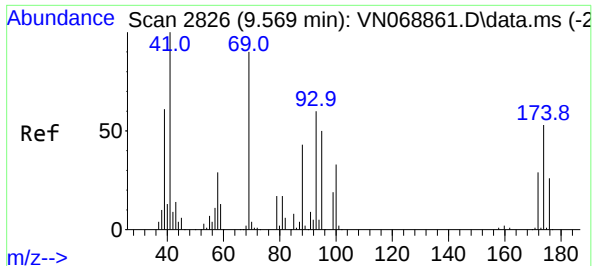


#48
Methyl methacrylate
Concen: 58.141 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion: 41 Resp: 174626
Ion Ratio Lower Upper
41 100
69 93.6 66.4 99.6
39 72.0 50.2 75.2





#49

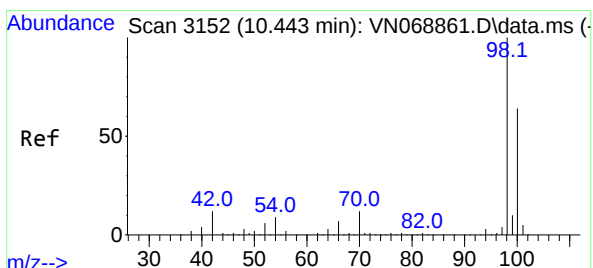
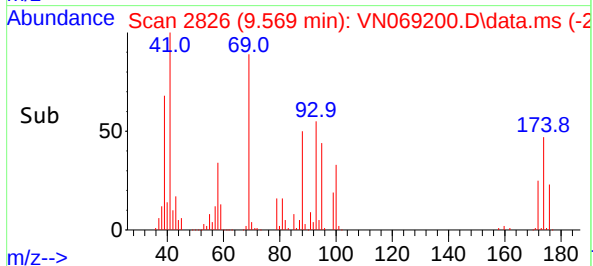
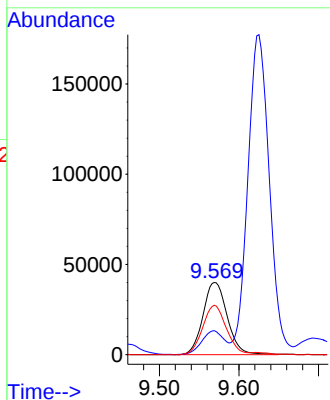
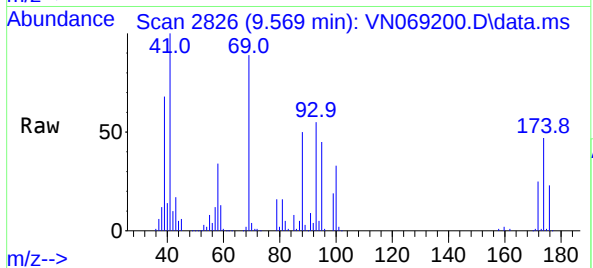
1,4-Dioxane
Concen: 1436.906 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 88 Resp: 85060
Ion Ratio Lower Upper
88 100
43 30.5 24.9 37.3
58 66.5 56.9 85.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

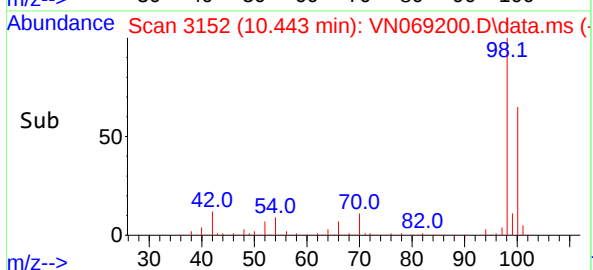
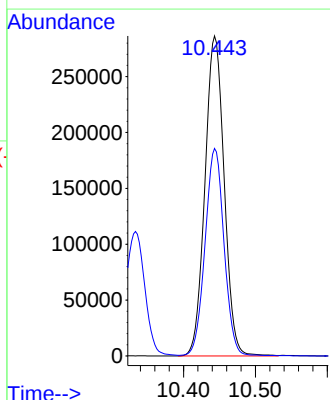
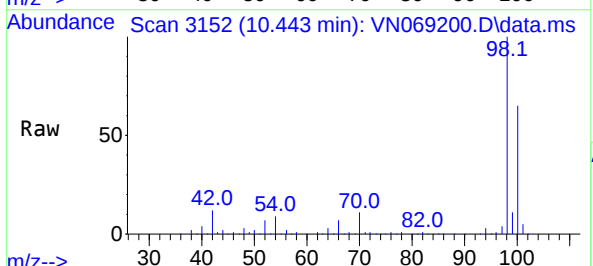
MMDadoda
10/27/2021 5:05:49 PM



#50

Toluene-d8
Concen: 55.776 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 98 Resp: 533236
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3





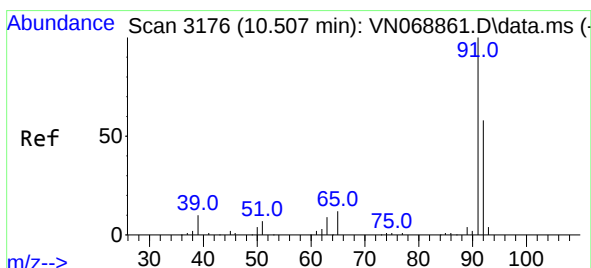
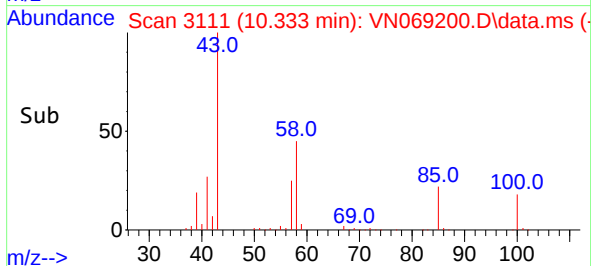
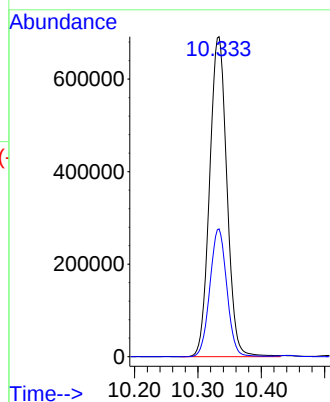
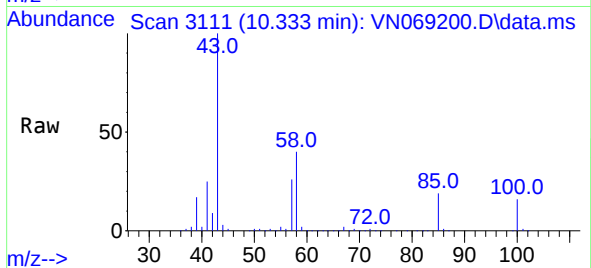
#51
4-Methyl-2-Pentanone
Concen: 353.786 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 43 Resp: 1311313
Ion Ratio Lower Upper
43 100
58 39.2 31.0 46.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

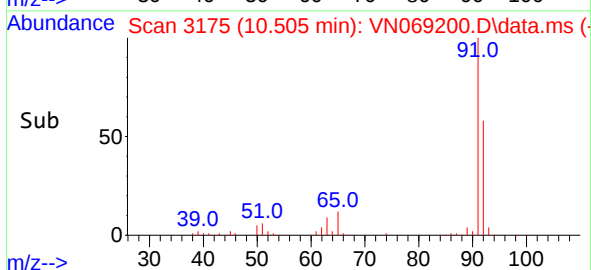
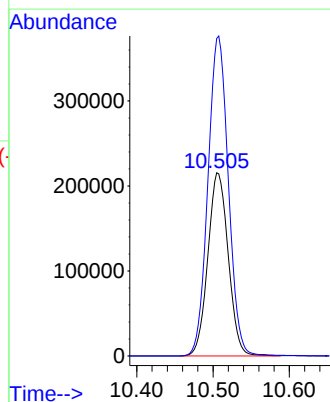
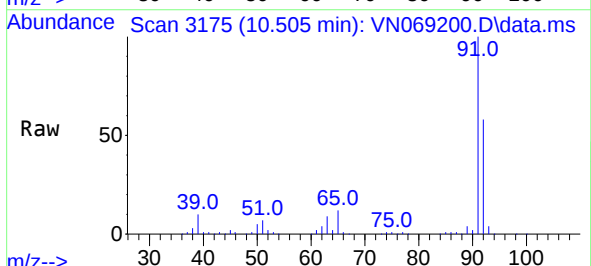
Manual Integrations
APPROVED

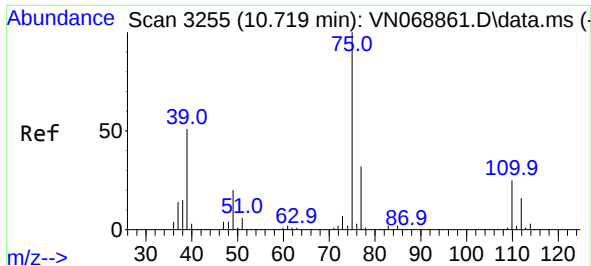
MMDadoda
10/27/2021 5:05:49 PM



#52
Toluene
Concen: 58.201 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 92 Resp: 399975
Ion Ratio Lower Upper
92 100
91 175.1 138.5 207.7





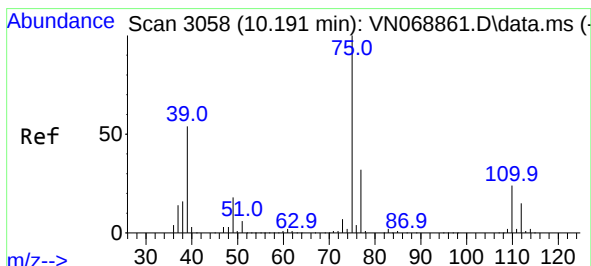
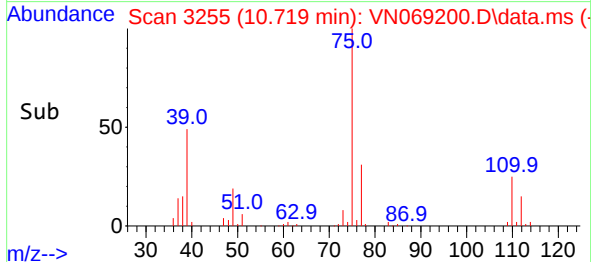
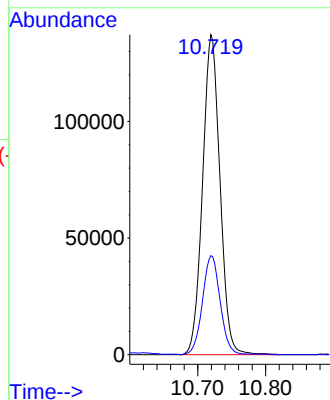
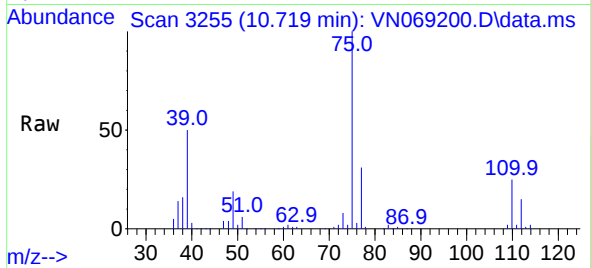
#53
t-1,3-Dichloropropene
Concen: 54.973 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 75 Resp: 244151
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

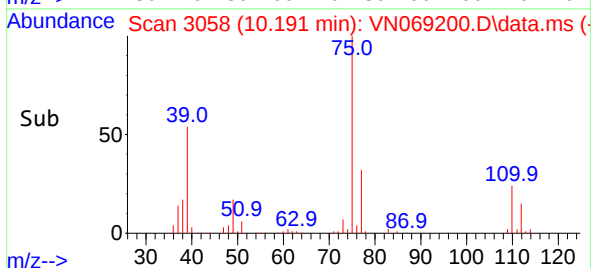
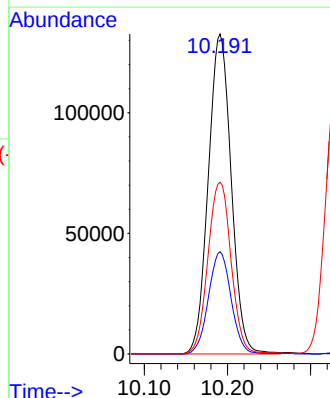
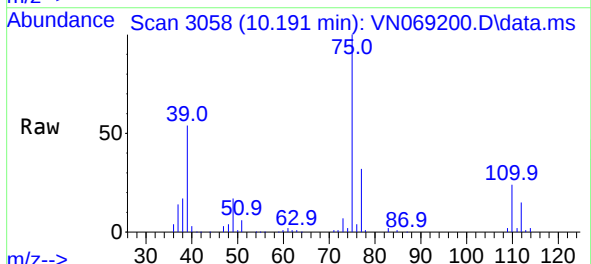
Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



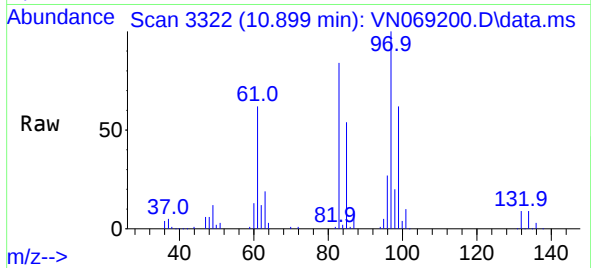
#54
cis-1,3-Dichloropropene
Concen: 55.038 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 75 Resp: 254323
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 53.6 42.9 64.3



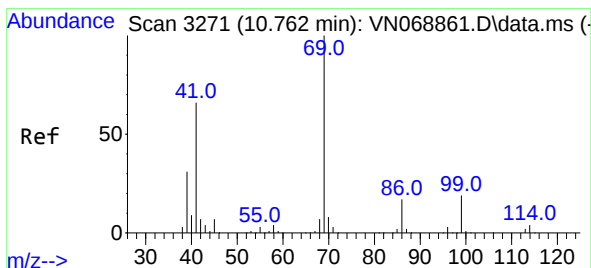
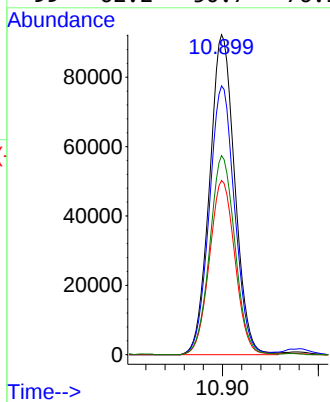
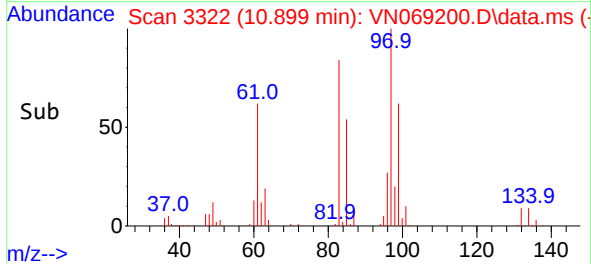


#55
1,1,2-Trichloroethane
Concen: 62.056 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

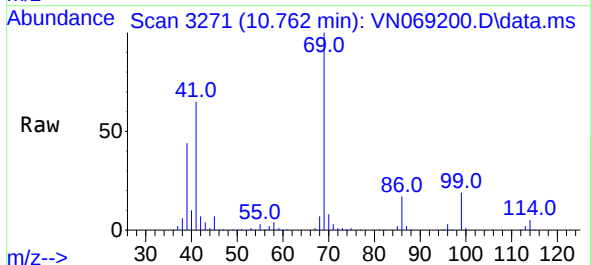


Tgt Ion: 97 Resp: 168142

Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.5	105.7
85	54.5	45.3	67.9
99	62.2	50.7	76.1

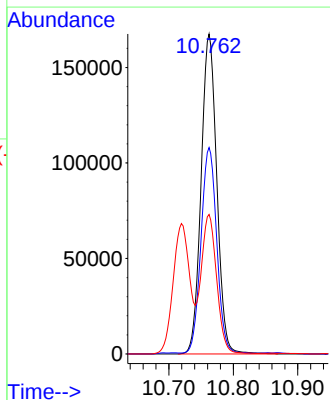
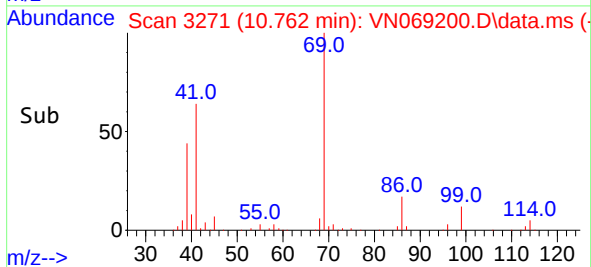


#56
Ethyl methacrylate
Concen: 62.245 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion: 69 Resp: 283172

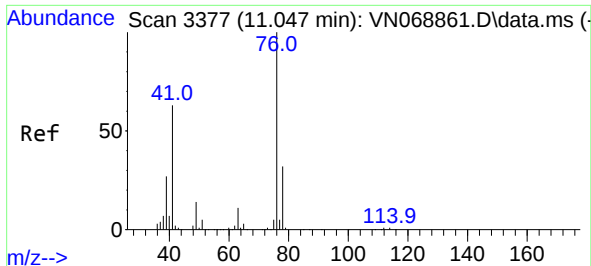
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.3	79.9
39	42.8	33.3	49.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



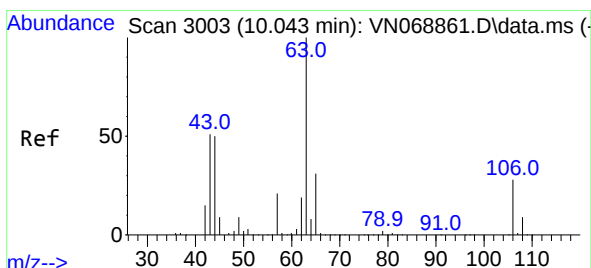
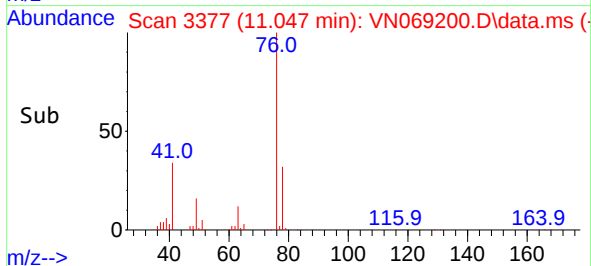
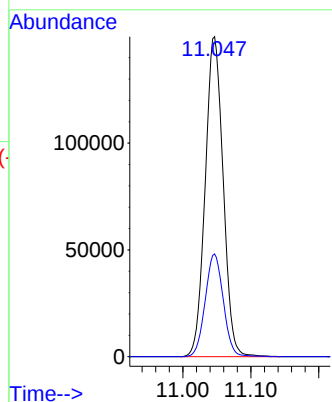
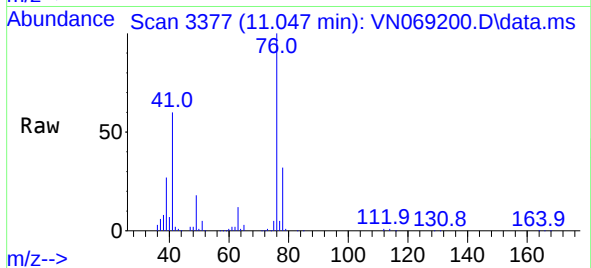
#57
1,3-Dichloropropane
Concen: 61.581 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 76 Resp: 275135
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

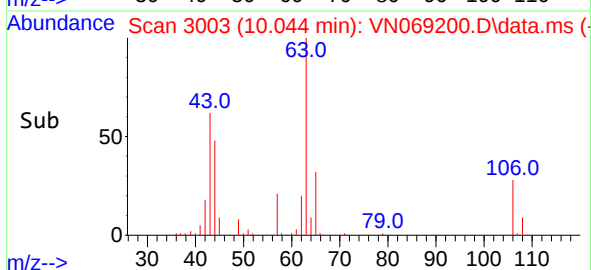
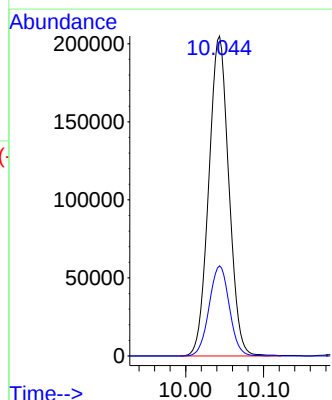
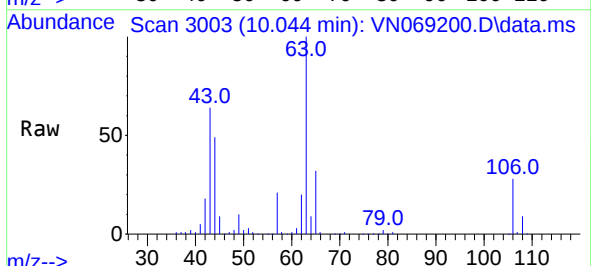
Manual Integrations
APPROVED

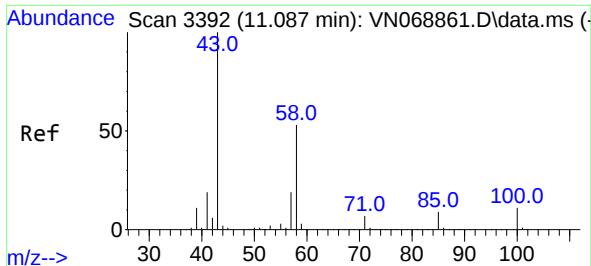
MMDadoda
10/27/2021 5:05:49 PM



#58
2-Chloroethyl Vinyl ether
Concen: 272.146 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.001 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 63 Resp: 366601
Ion Ratio Lower Upper
63 100
106 28.4 22.2 33.2





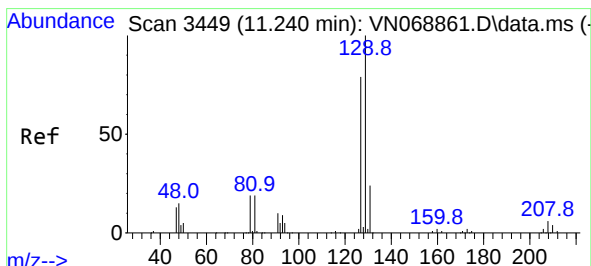
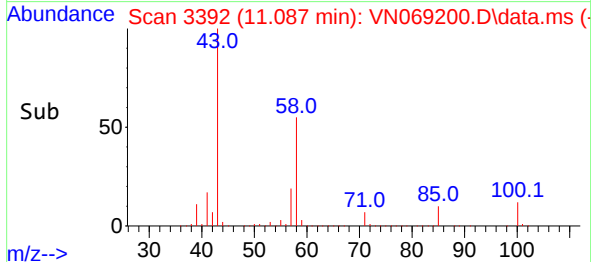
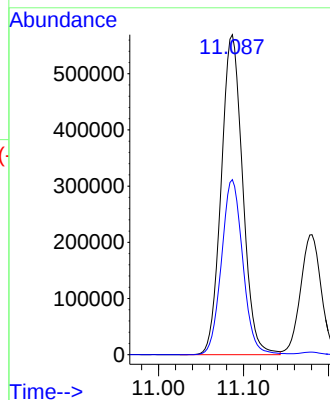
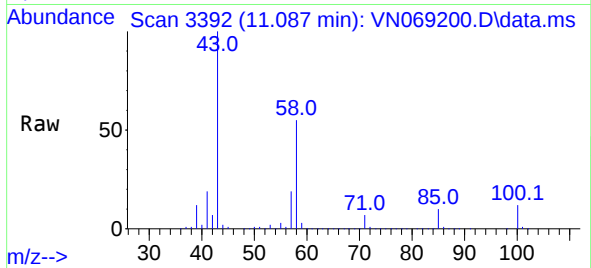
#59
2-Hexanone
Concen: 375.474 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 43 Resp: 998032
Ion Ratio Lower Upper
43 100
58 54.6 26.9 80.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

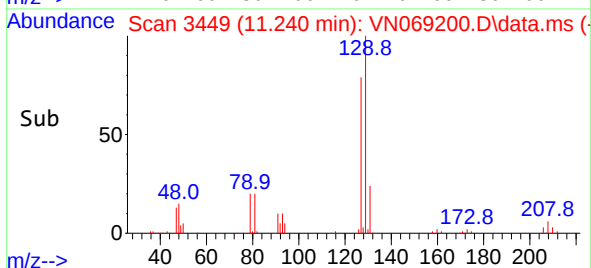
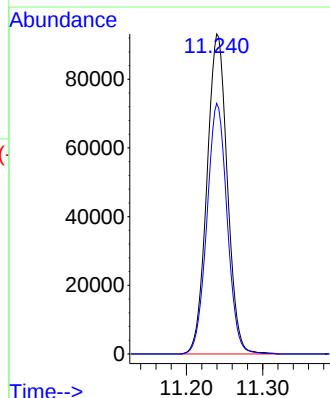
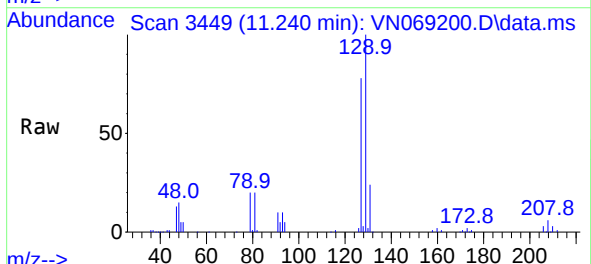
Manual Integrations
APPROVED

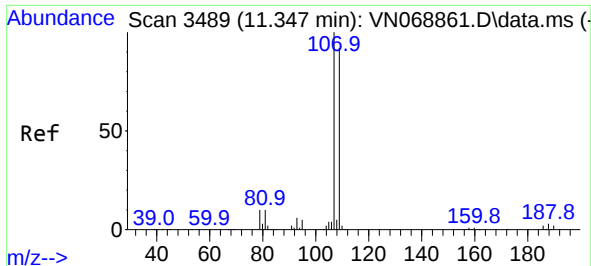
MMDadoda
10/27/2021 5:05:49 PM



#60
Dibromochloromethane
Concen: 56.574 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

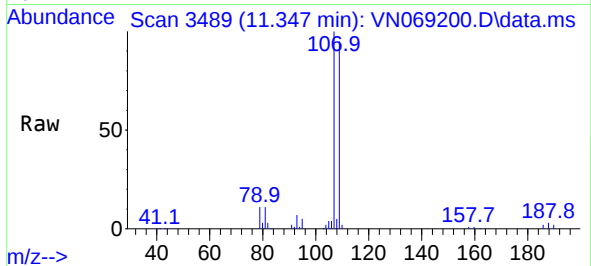
Tgt Ion:129 Resp: 173026
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61
1,2-Dibromoethane
Concen: 63.519 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

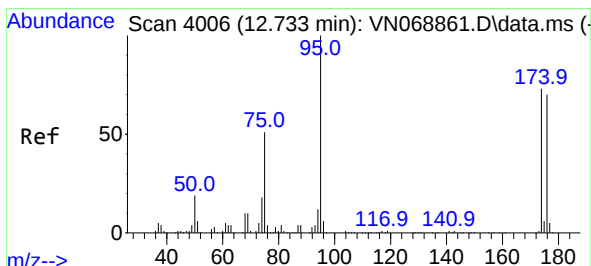
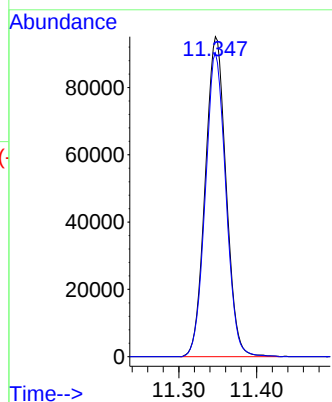
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



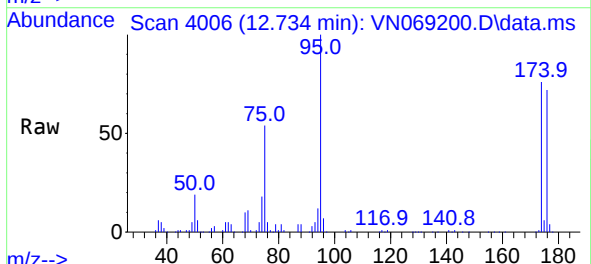
Tgt Ion:107 Resp: 176531
Ion Ratio Lower Upper
107 100
109 93.5 74.7 112.1

Manual Integrations
APPROVED

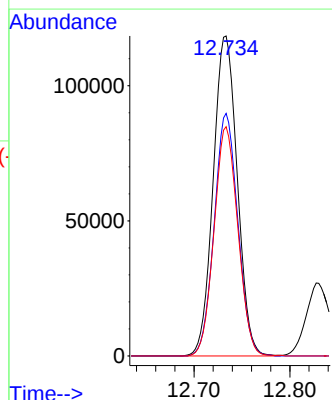
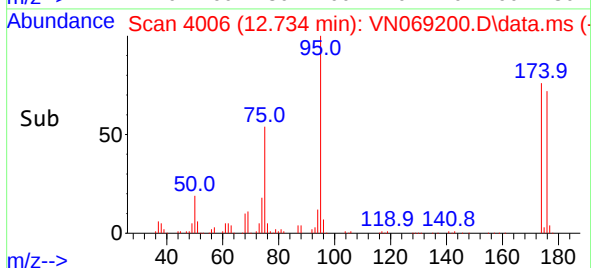
MMDadoda
10/27/2021 5:05:49 PM

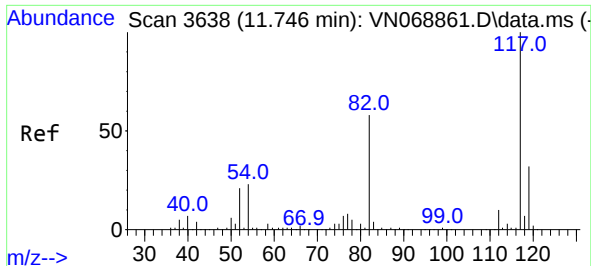


#62
4-Bromofluorobenzene
Concen: 57.235 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



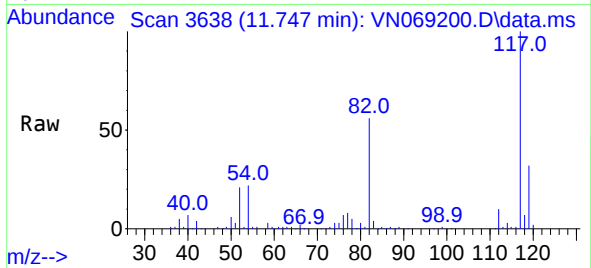
Tgt Ion: 95 Resp: 206447
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.8
176 70.8 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

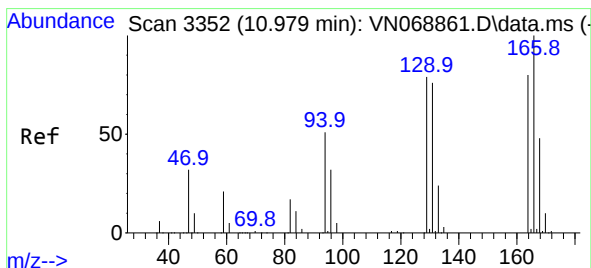
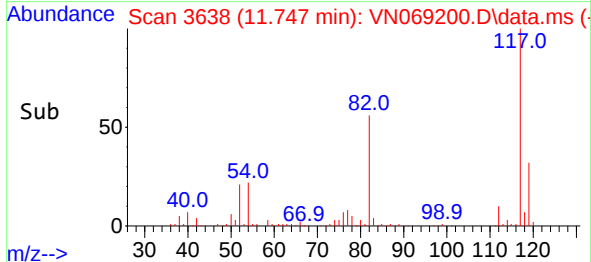
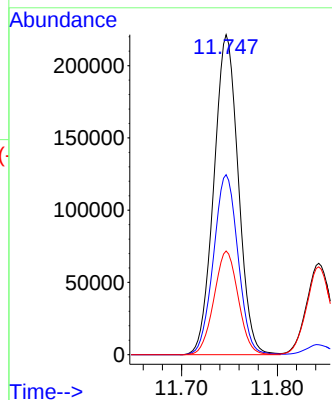
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



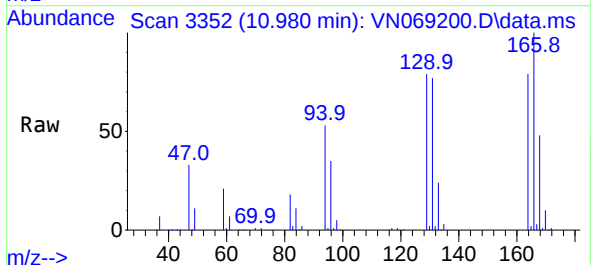
Tgt Ion:117 Resp: 391558
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 32.4 26.0 39.0

Manual Integrations
APPROVED

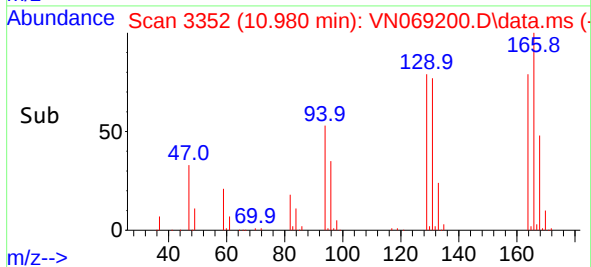
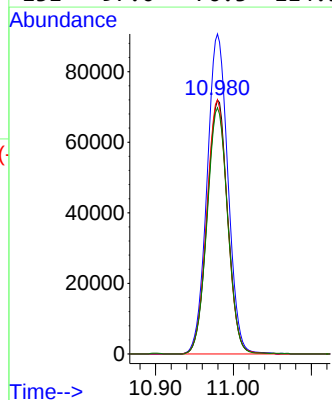
MMDadoda
10/27/2021 5:05:49 PM

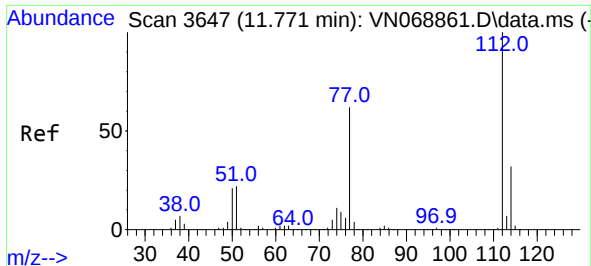


#64
Tetrachloroethene
Concen: 52.624 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion:164 Resp: 132736
Ion Ratio Lower Upper
164 100
166 126.0 99.8 149.8
129 100.1 79.2 118.8
131 97.0 76.3 114.5





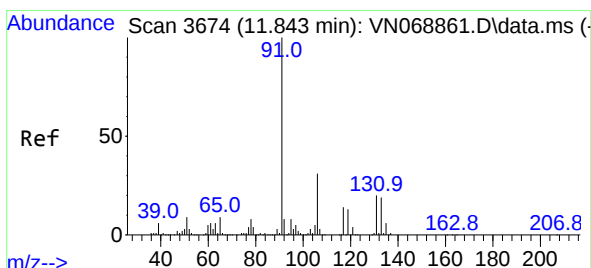
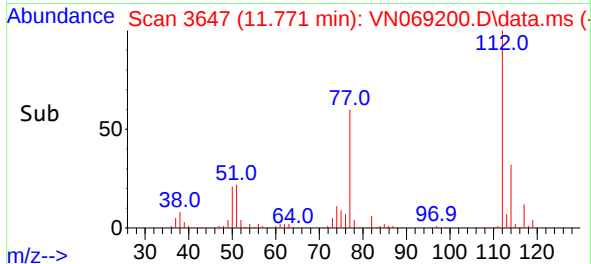
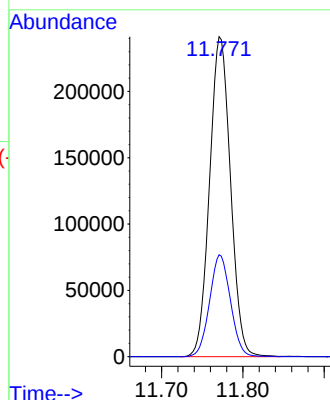
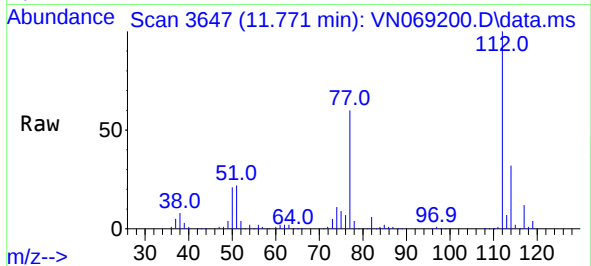
#65
Chlorobenzene
Concen: 58.189 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 431148
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

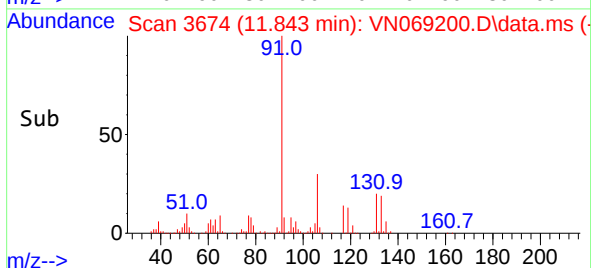
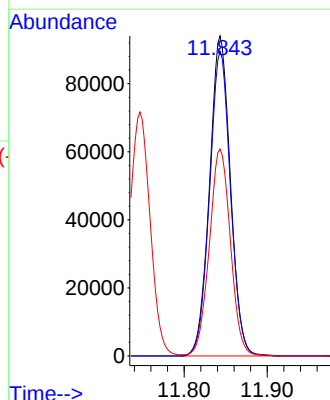
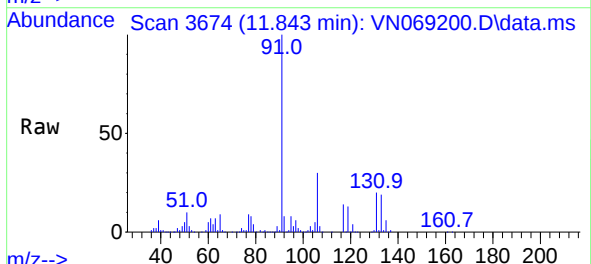
Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.543 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

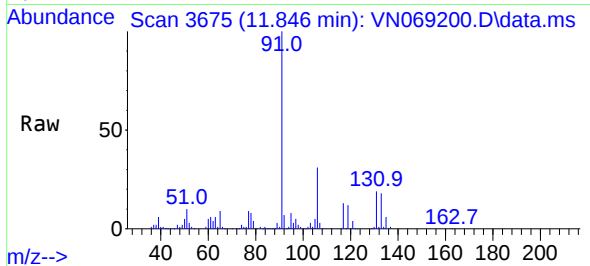
Tgt Ion:131 Resp: 163979
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 65.5 33.0 99.0





#67
Ethyl Benzene
Concen: 58.442 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

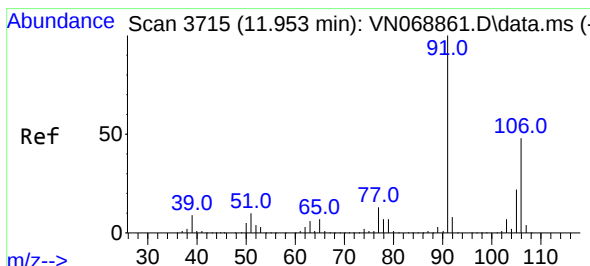
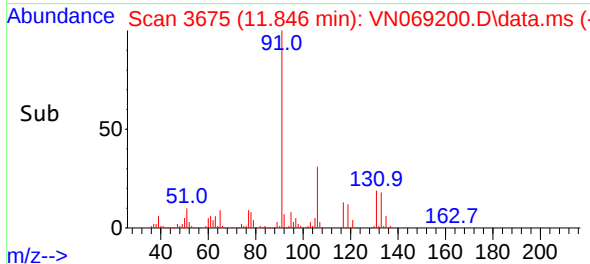
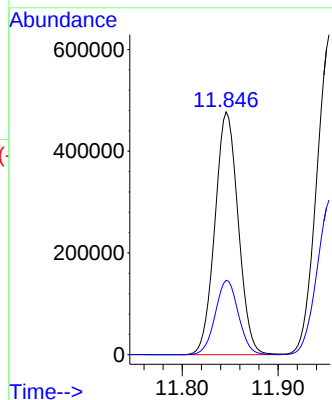
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 804356
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2

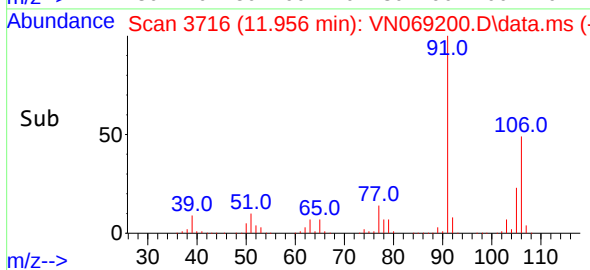
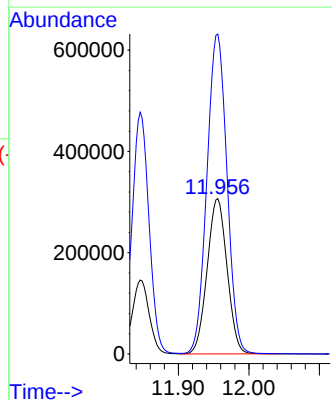
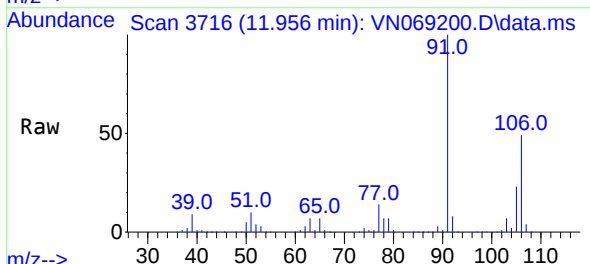
Manual Integrations
APPROVED

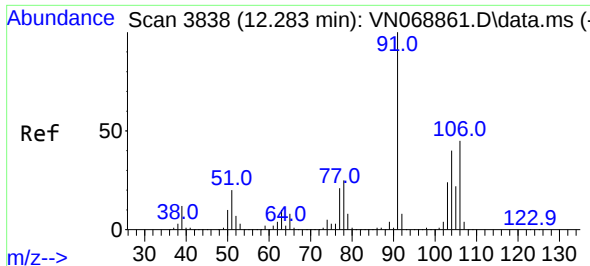
MMDadoda
10/27/2021 5:05:49 PM



#68
m/p-Xylenes
Concen: 115.356 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 106 Resp: 601866
Ion Ratio Lower Upper
106 100
91 207.6 166.8 250.2





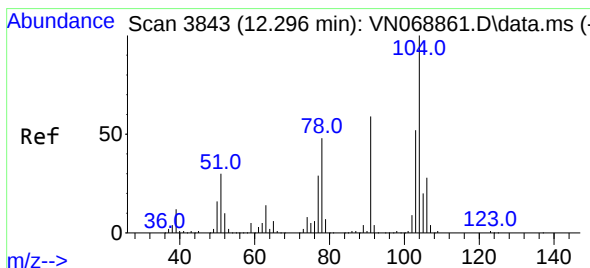
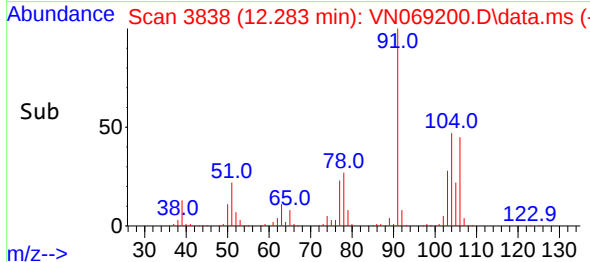
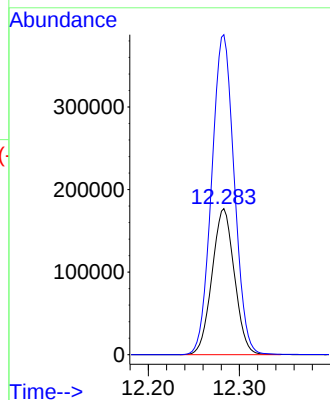
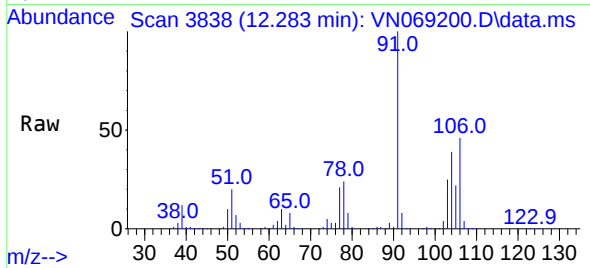
#69
o-Xylene
Concen: 57.787 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion:106 Resp: 301789
Ion Ratio Lower Upper
106 100
91 221.3 109.6 328.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

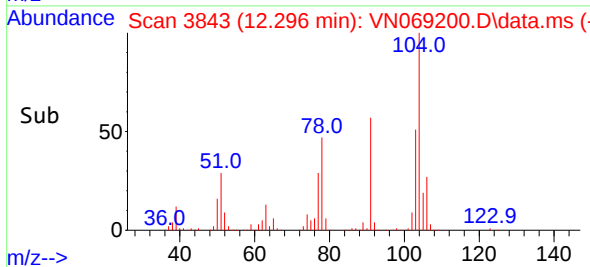
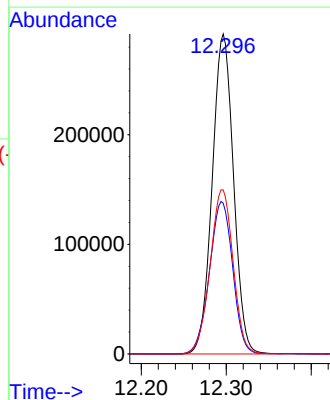
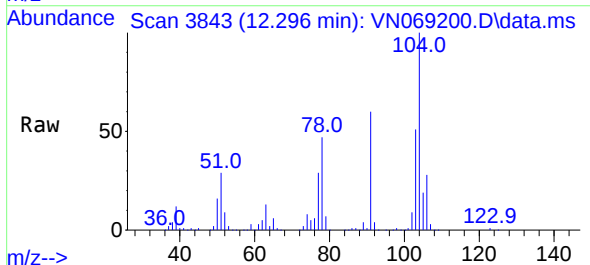
Manual Integrations
APPROVED

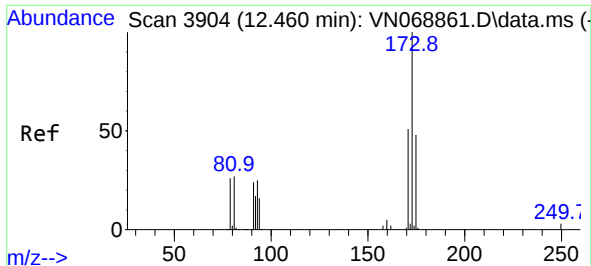
MMDadoda
10/27/2021 5:05:49 PM



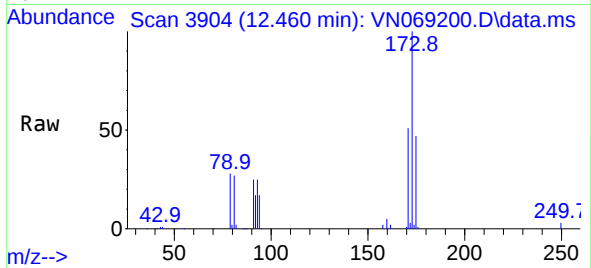
#70
Styrene
Concen: 59.840 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion:104 Resp: 508715
Ion Ratio Lower Upper
104 100
78 52.0 42.2 63.4
103 55.4 44.4 66.6

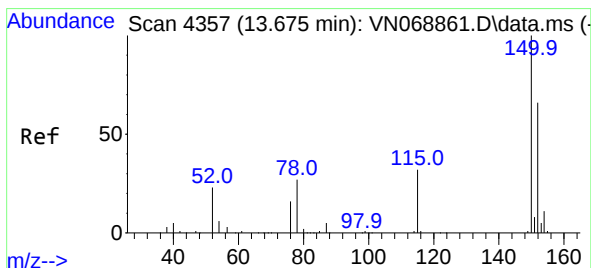
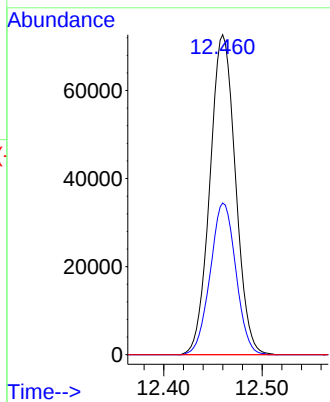
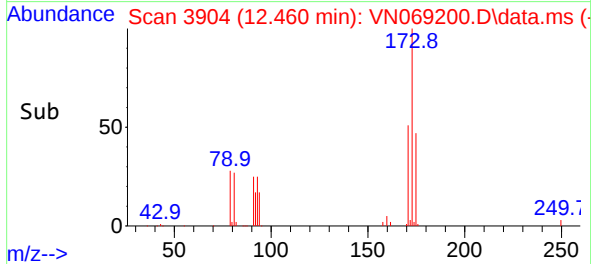




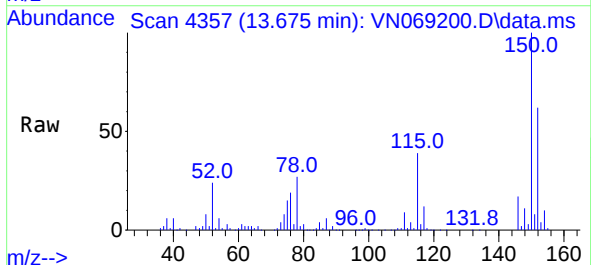
#71
Bromoform
Concen: 56.636 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



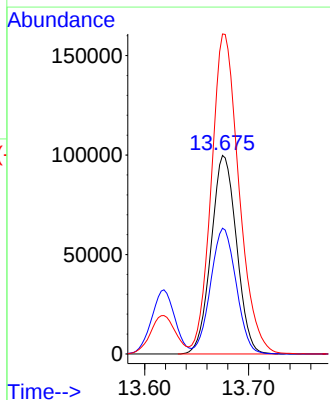
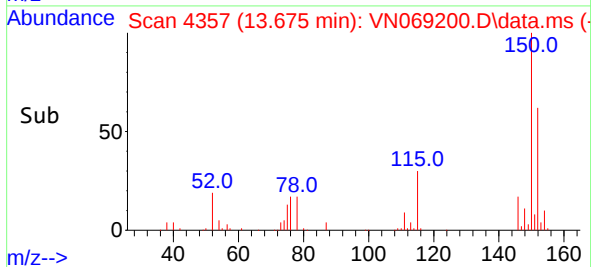
Tgt Ion:173 Resp: 131574
Ion Ratio Lower Upper
173 100
175 47.5 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion:152 Resp: 169744
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.3
150 175.5 0.0 351.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

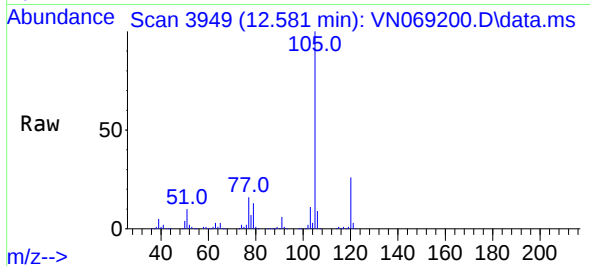
Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



#73
Isopropylbenzene
Concen: 57.148 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

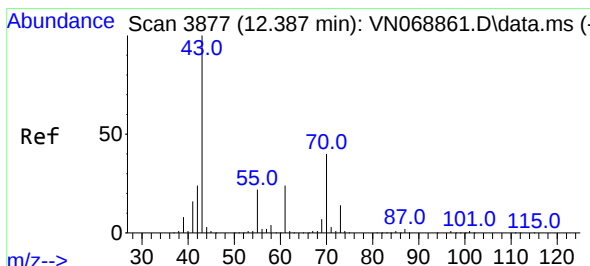
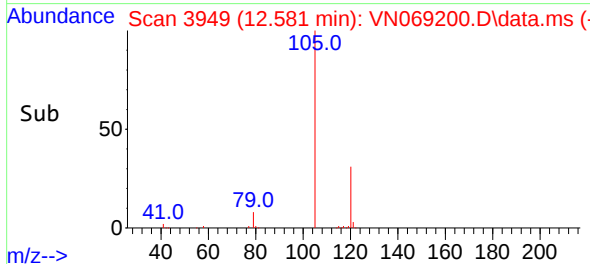
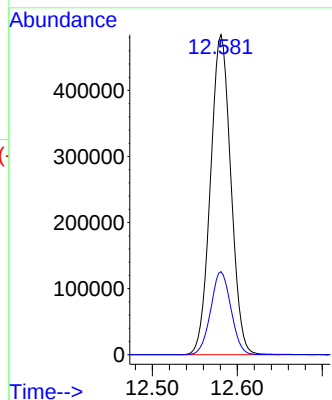
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 807423
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3

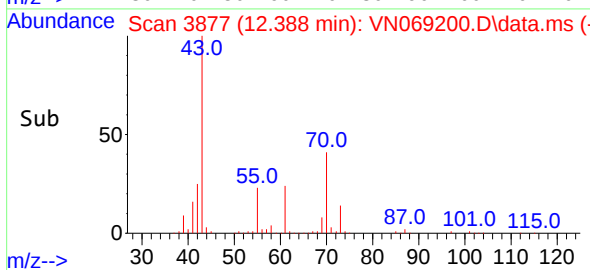
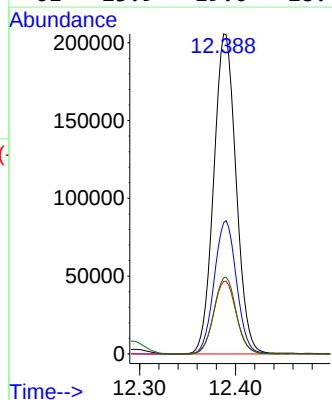
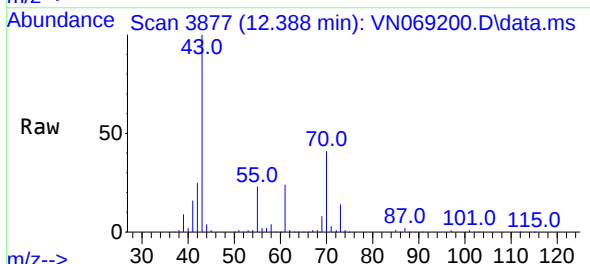
Manual Integrations
APPROVED

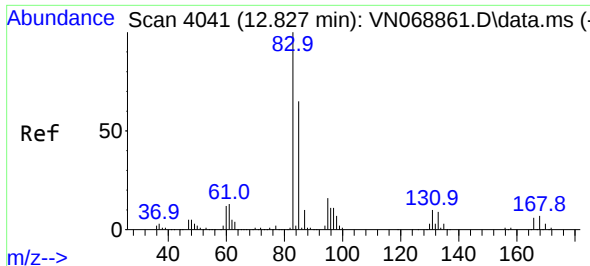
MMDadoda
10/27/2021 5:05:49 PM



#74
N-ethyl acetate
Concen: 62.220 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 43 Resp: 333052
Ion Ratio Lower Upper
43 100
70 41.6 32.2 48.2
55 23.2 18.0 27.0
61 23.9 19.0 28.4





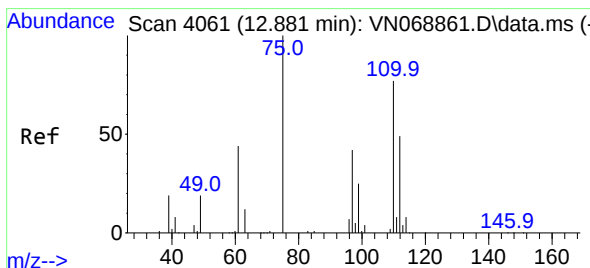
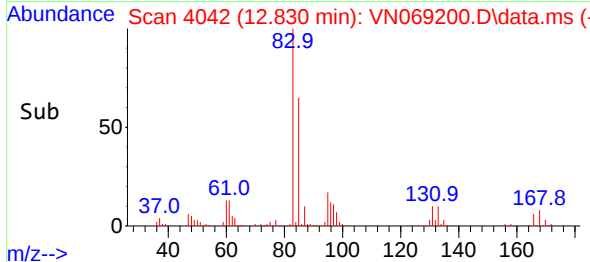
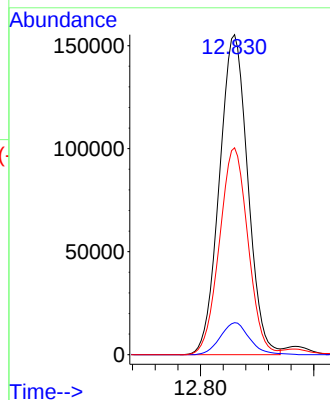
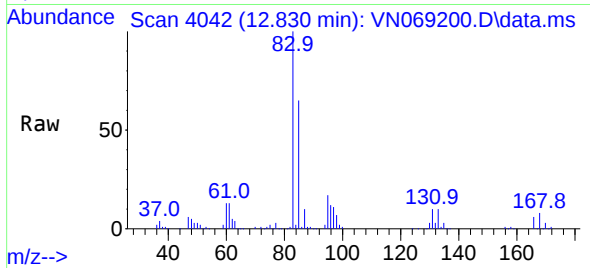
#75
1,1,2,2-Tetrachloroethane
Concen: 66.190 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 83 Resp: 270256
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.2
85 65.0 32.3 96.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

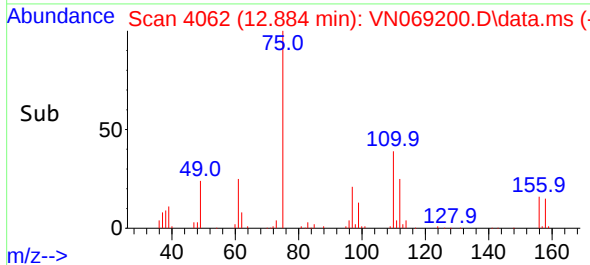
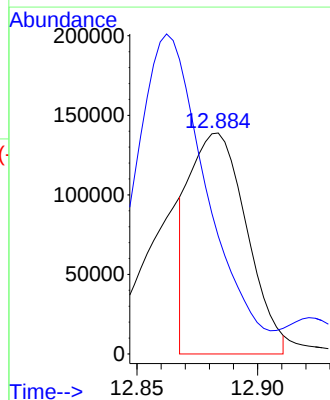
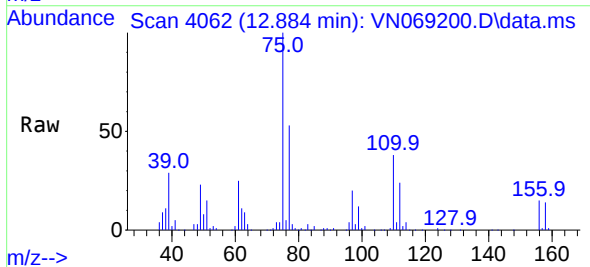
Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



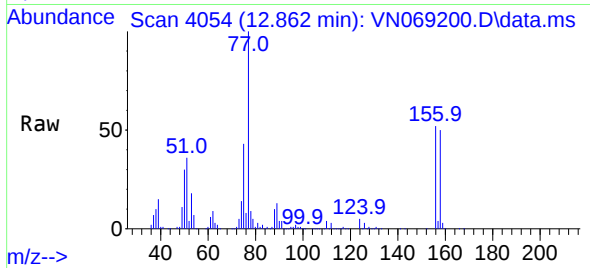
#76
1,2,3-Trichloropropane
Concen: 62.962 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 75 Resp: 227397
Ion Ratio Lower Upper
75 100
77 0.0 96.2 288.4#

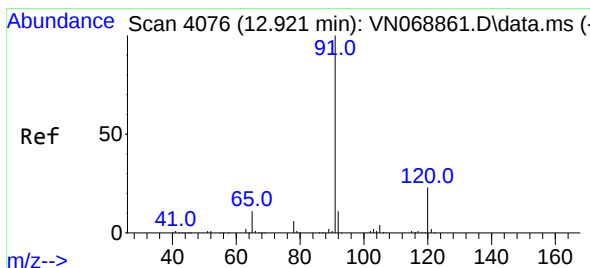
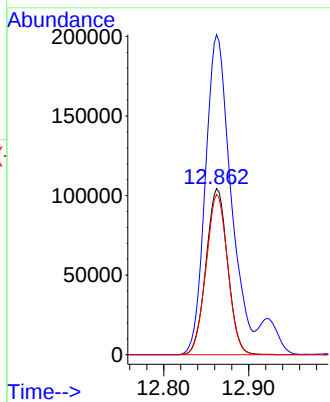
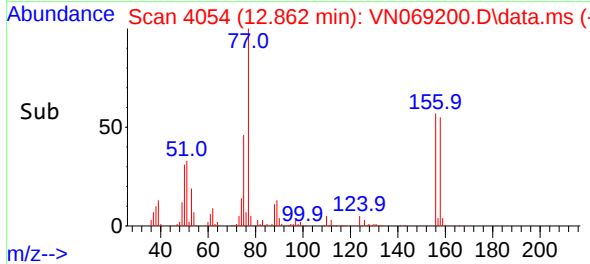




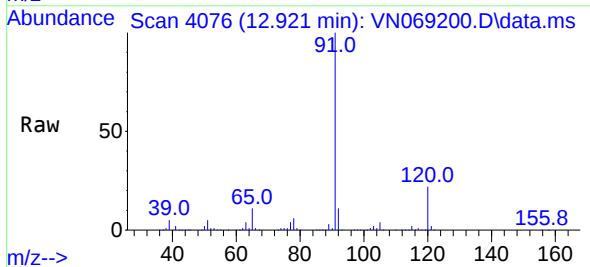
#77
Bromobenzene
Concen: 58.978 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



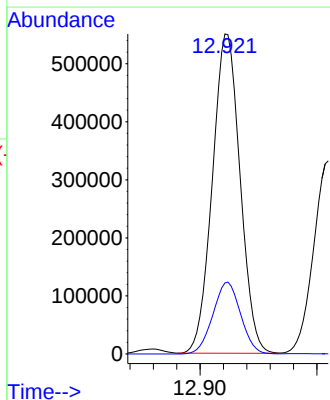
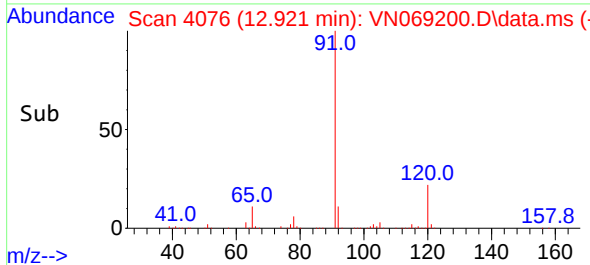
Tgt Ion:156 Resp: 184260
Ion Ratio Lower Upper
156 100
77 226.0 111.8 335.3
158 96.7 48.4 145.0



#78
n-propylbenzene
Concen: 57.016 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



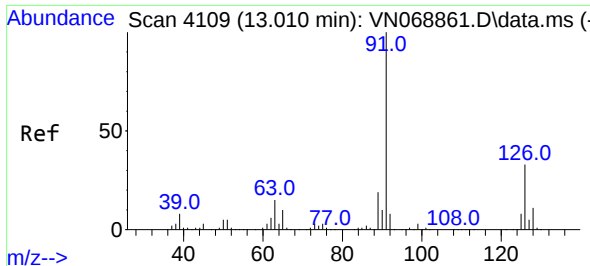
Tgt Ion: 91 Resp: 905282
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



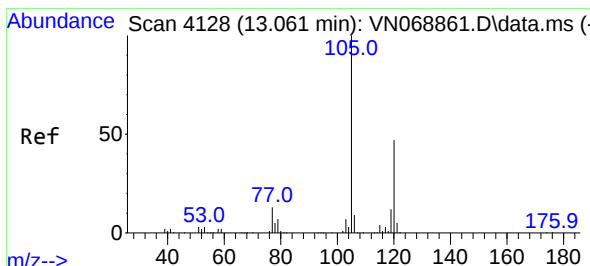
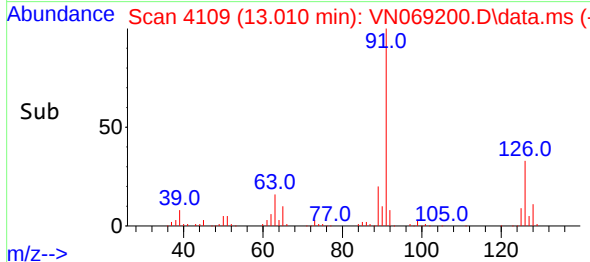
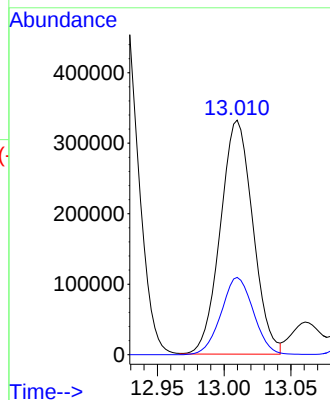
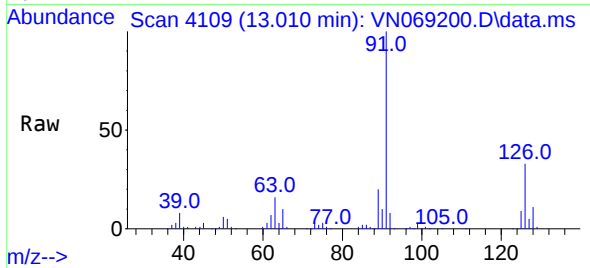
#79
2-Chlorotoluene
Concen: 57.447 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 91 Resp: 562205
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

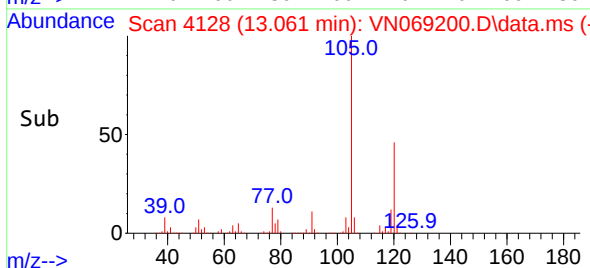
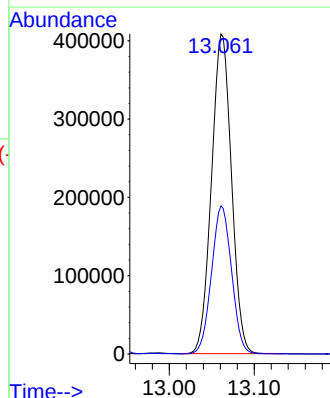
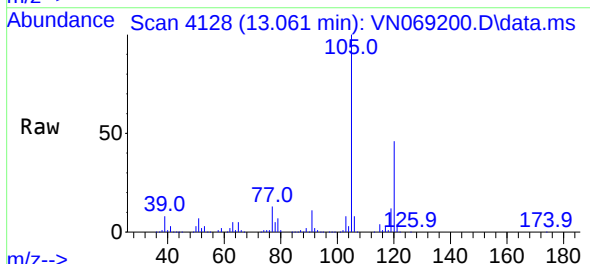
Manual Integrations
APPROVED

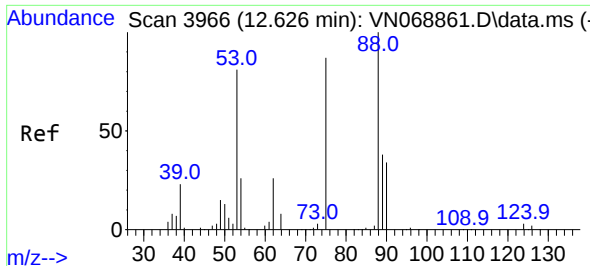
MMDadoda
10/27/2021 5:05:49 PM



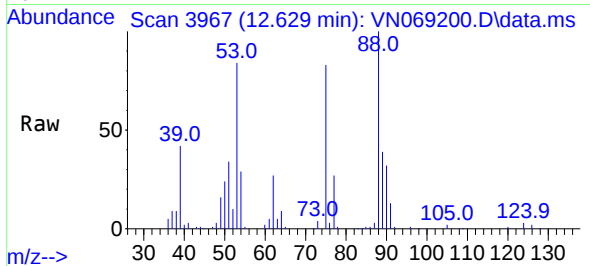
#80
1,3,5-Trimethylbenzene
Concen: 56.636 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion: 105 Resp: 666512
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2

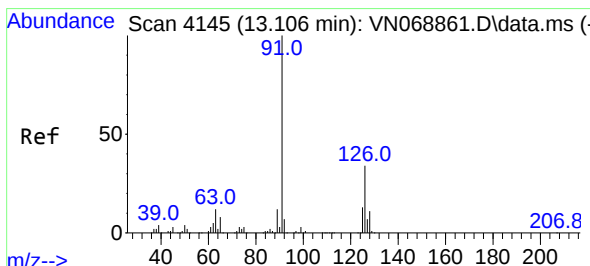
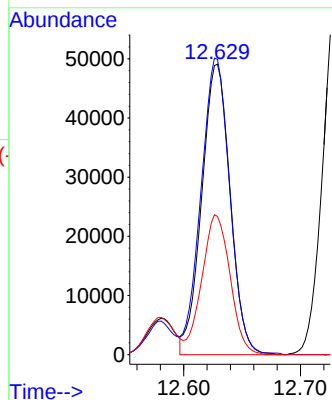
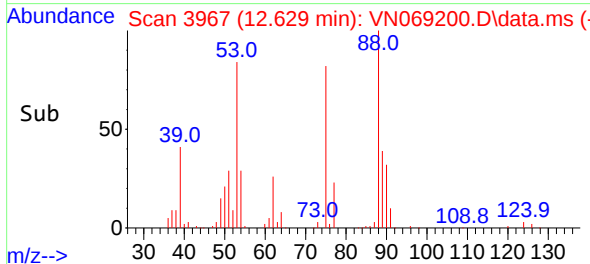




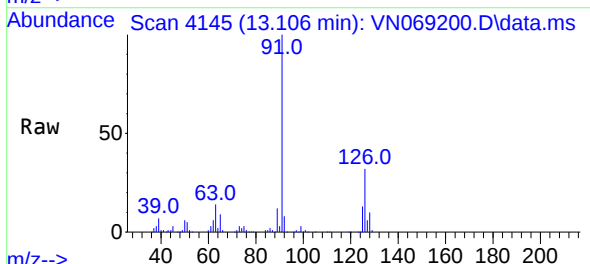
#81
trans-1,4-Dichloro-2-butene
Concen: 55.078 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



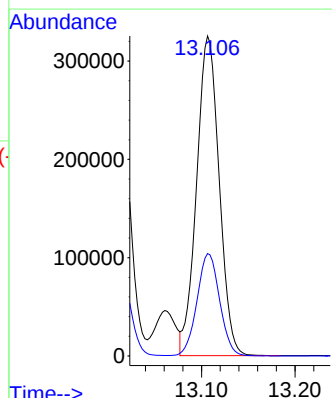
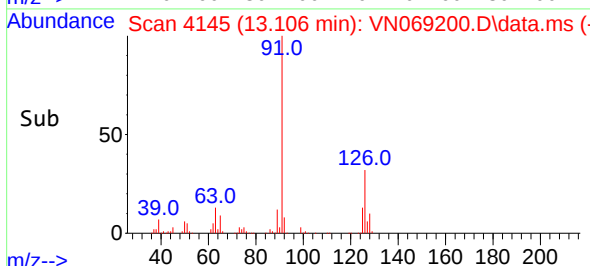
Tgt Ion: 75 Resp: 83146
Ion Ratio Lower Upper
75 100
53 102.2 75.4 113.2
89 47.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 57.662 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



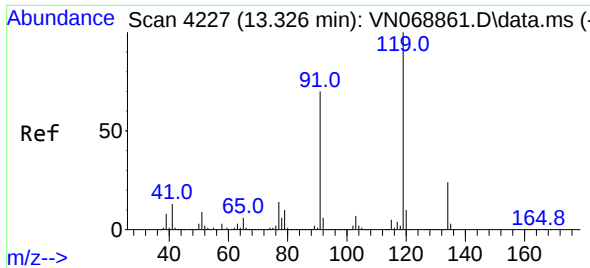
Tgt Ion: 91 Resp: 545305
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

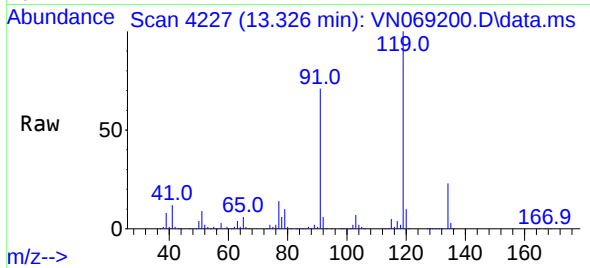
Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM



#83
tert-Butylbenzene
Concen: 57.078 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

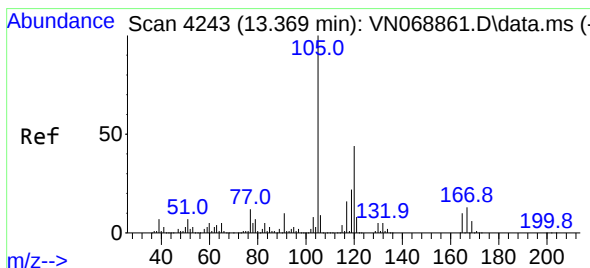
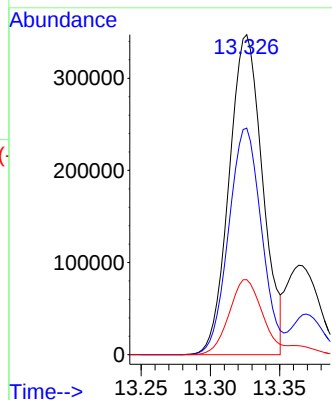
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



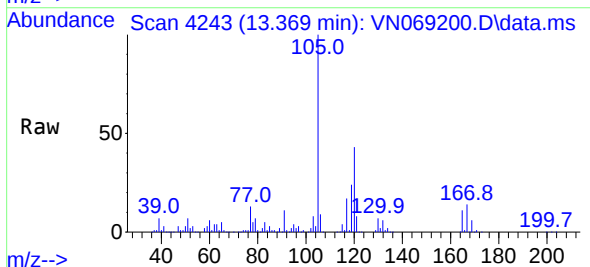
Tgt Ion:119 Resp: 584726
Ion Ratio Lower Upper
119 100
91 69.9 34.6 103.9
134 23.7 12.6 37.6

Manual Integrations
APPROVED

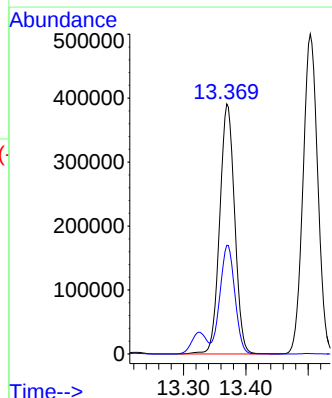
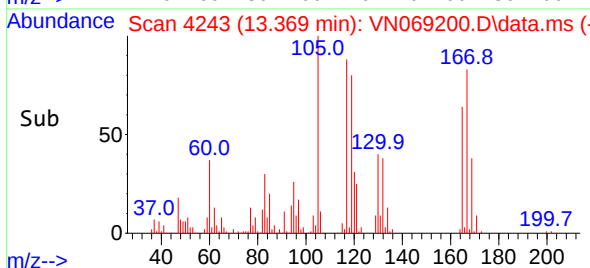
MMDadoda
10/27/2021 5:05:49 PM

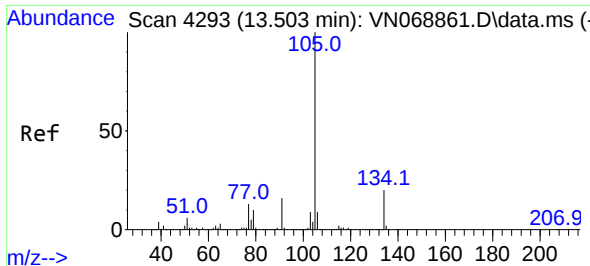


#84
1,2,4-Trimethylbenzene
Concen: 57.484 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



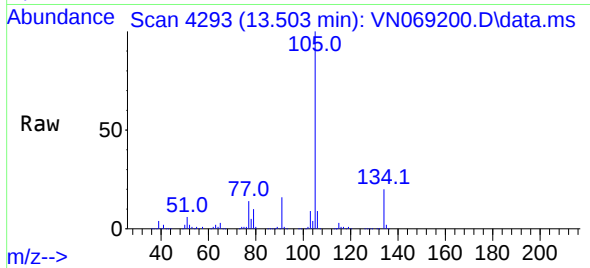
Tgt Ion:105 Resp: 651803
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 57.744 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069200.D
 Acq: 26 Oct 2021 21:47

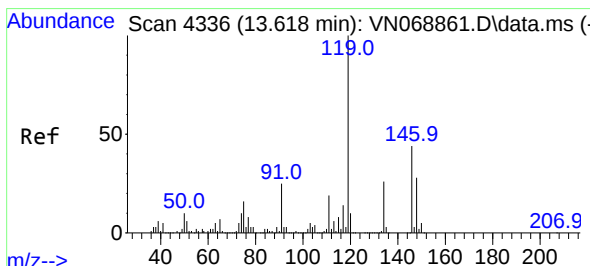
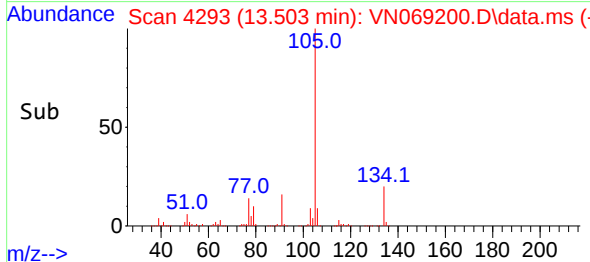
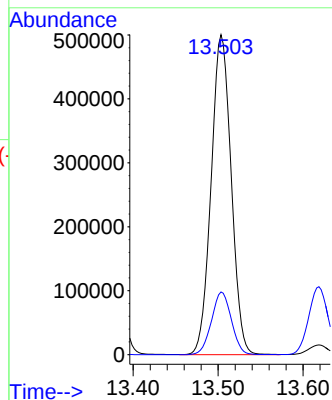
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



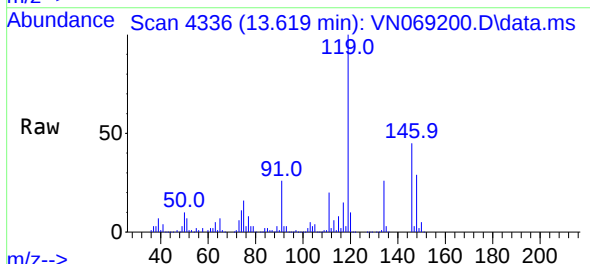
Tgt Ion:105 Resp: 819250
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

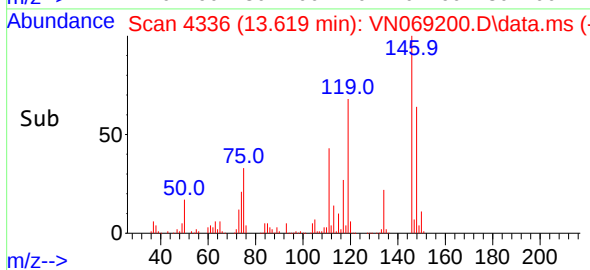
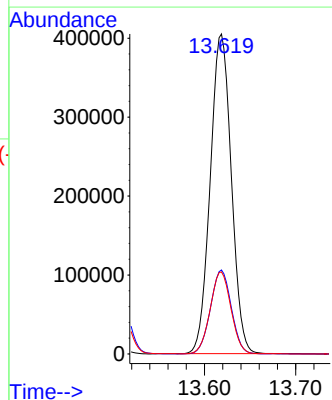
MMDadoda
 10/27/2021 5:05:49 PM

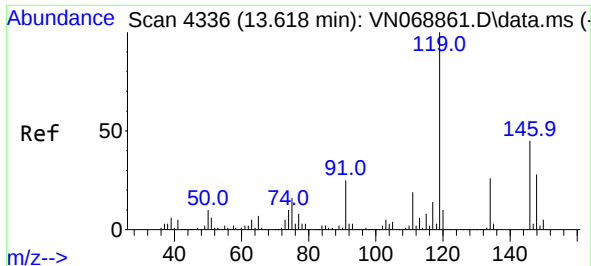


#86
 p-Isopropyltoluene
 Concen: 57.096 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069200.D
 Acq: 26 Oct 2021 21:47



Tgt Ion:119 Resp: 649748
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 25.2 12.8 38.4





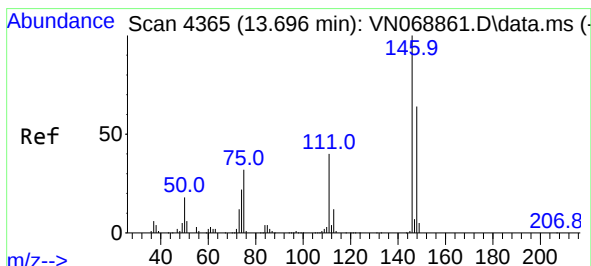
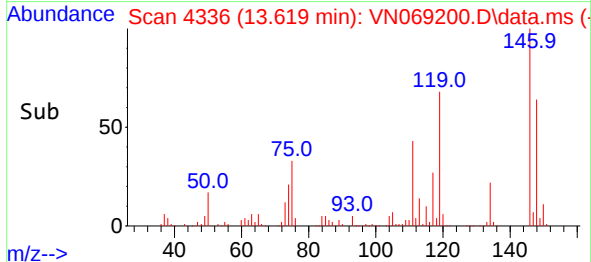
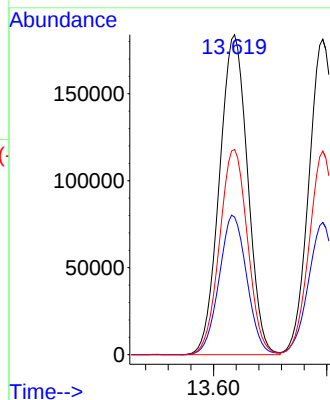
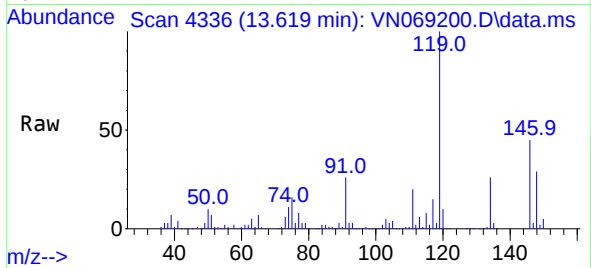
#87
1,3-Dichlorobenzene
Concen: 58.751 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion:146 Resp: 317494
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 64.0 32.0 96.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

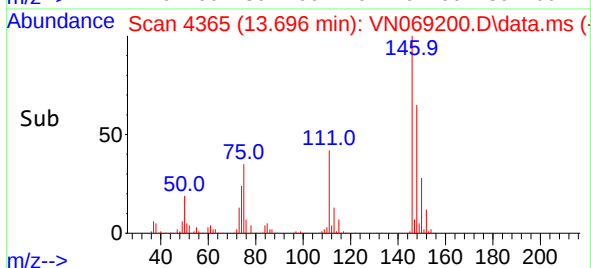
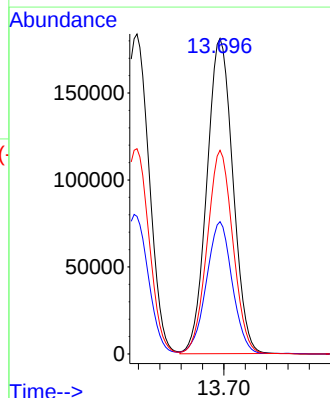
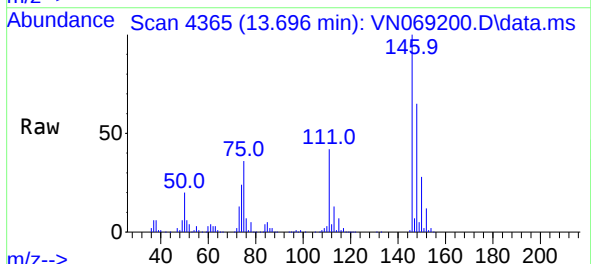
Manual Integrations
APPROVED

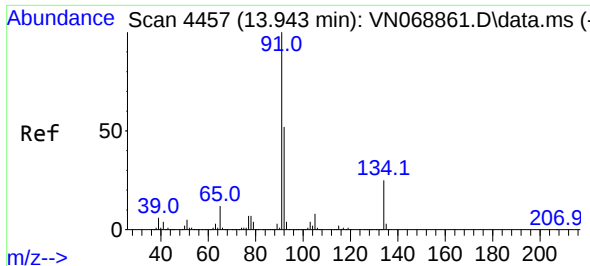
MMDadoda
10/27/2021 5:05:49 PM



#88
1,4-Dichlorobenzene
Concen: 57.211 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

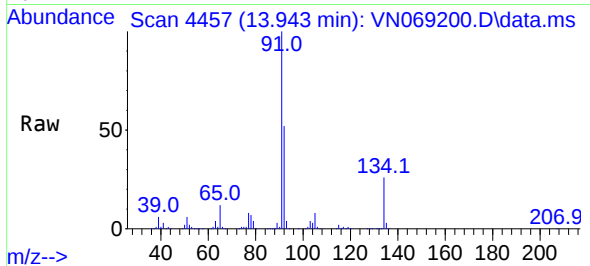
Tgt Ion:146 Resp: 306850
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.8
148 64.2 32.1 96.5





#89
n-Butylbenzene
Concen: 55.610 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

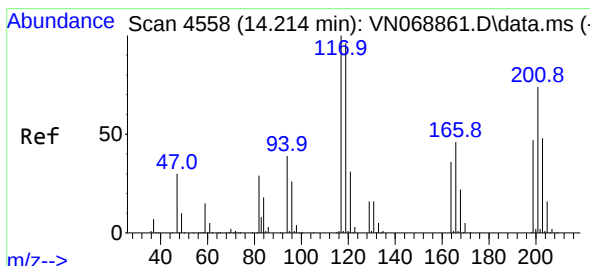
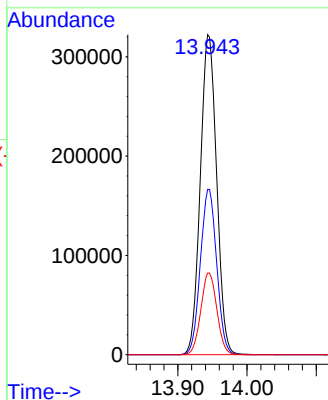
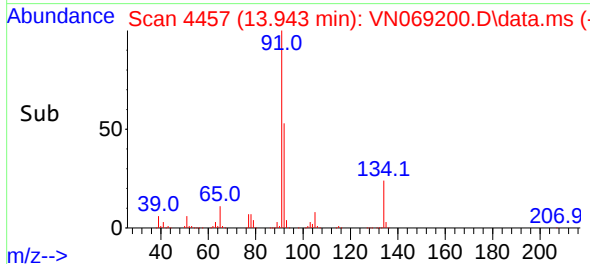
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



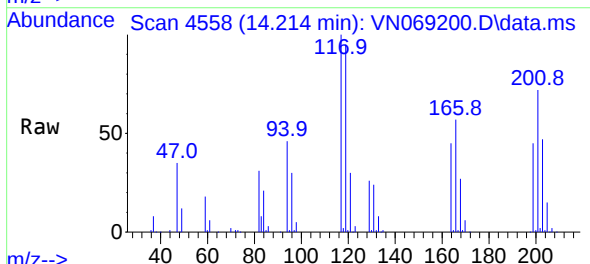
Tgt Ion: 91 Resp: 526831
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 25.1 12.5 37.5

Manual Integrations
APPROVED

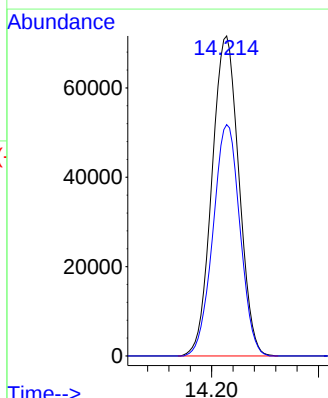
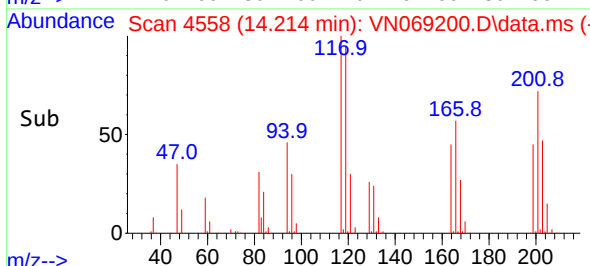
MMDadoda
10/27/2021 5:05:49 PM

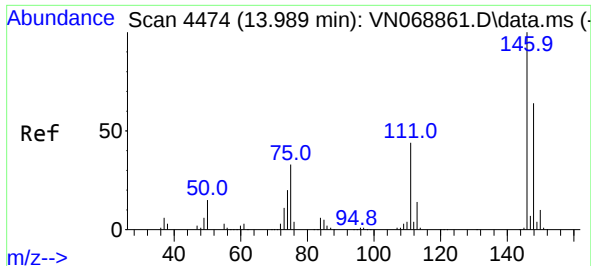


#90
Hexachloroethane
Concen: 52.495 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion: 117 Resp: 125489
Ion Ratio Lower Upper
117 100
201 72.4 37.1 111.5





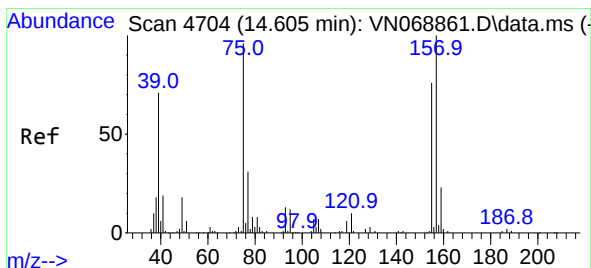
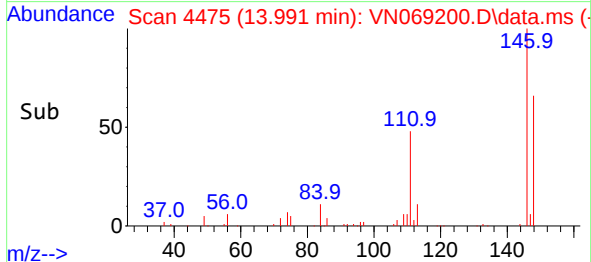
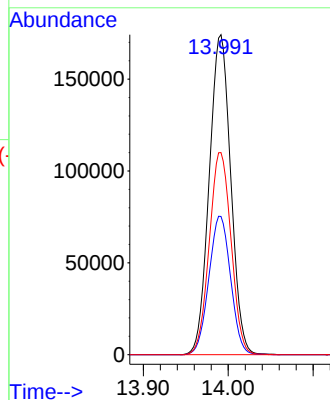
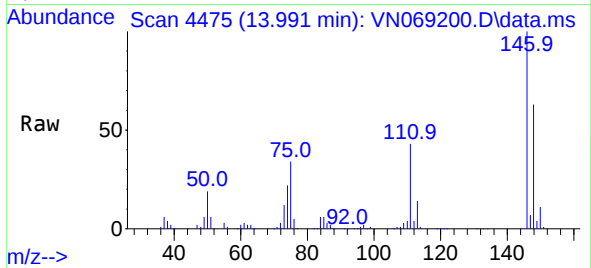
#91
1,2-Dichlorobenzene
Concen: 58.449 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

Tgt Ion:146 Resp: 306831
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 64.0 32.1 96.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

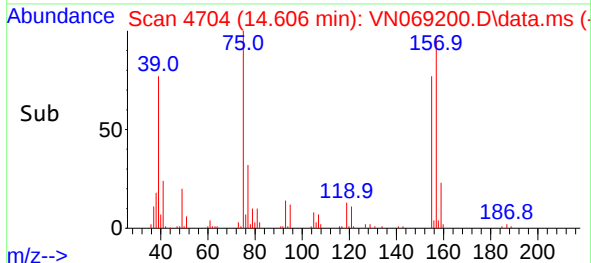
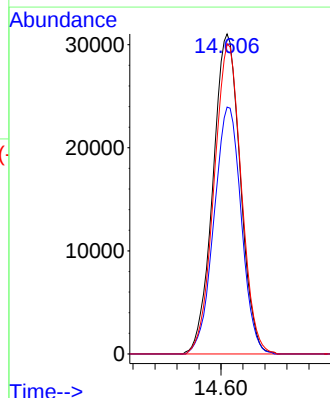
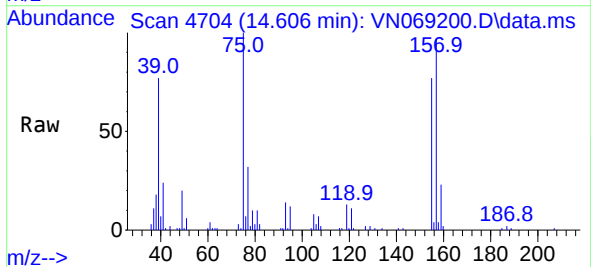
Manual Integrations
APPROVED

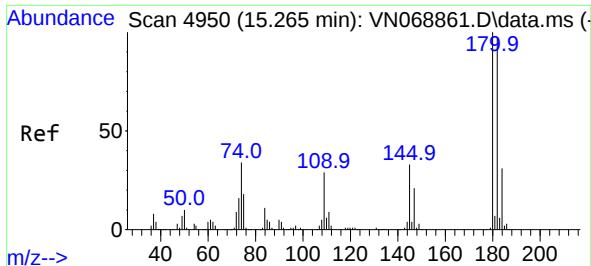
MMDadoda
10/27/2021 5:05:49 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 68.016 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

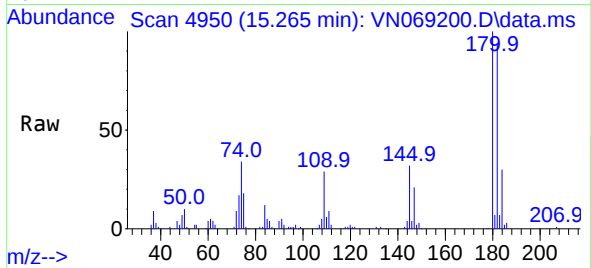
Tgt Ion: 75 Resp: 53544
Ion Ratio Lower Upper
75 100
155 77.1 38.8 116.4
157 96.3 50.2 150.6





#93
1,2,4-Trichlorobenzene
Concen: 49.126 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

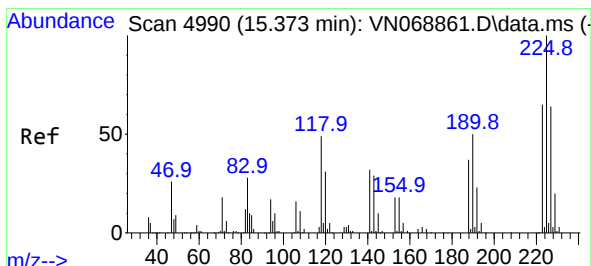
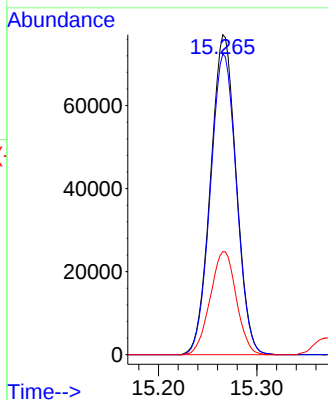
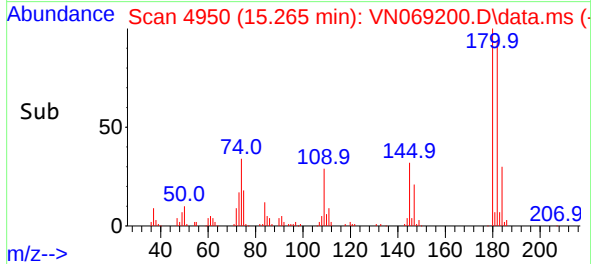
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



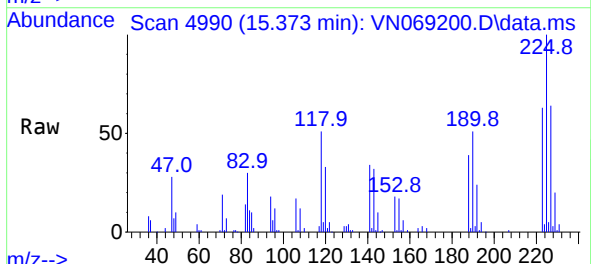
Tgt Ion:180 Resp: 139915
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.7
145 32.7 16.4 49.2

Manual Integrations
APPROVED

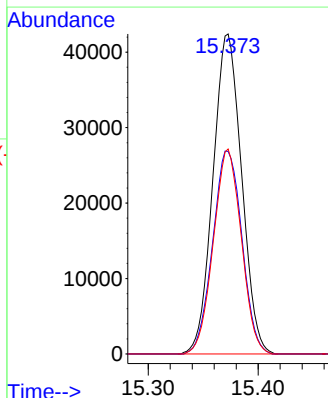
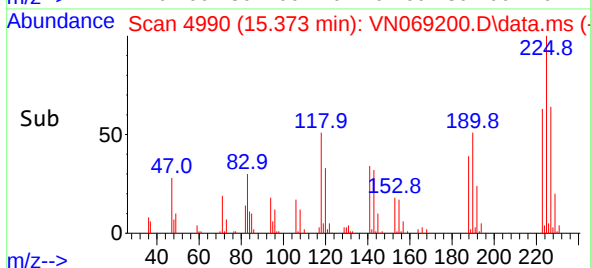
MMDadoda
10/27/2021 5:05:49 PM

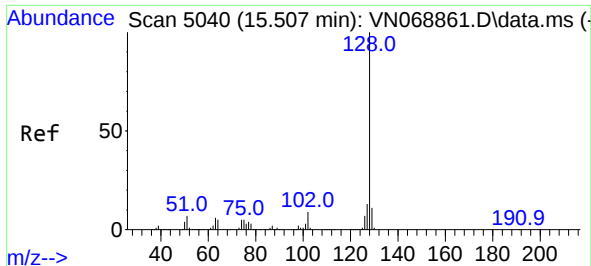


#94
Hexachlorobutadiene
Concen: 51.298 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47

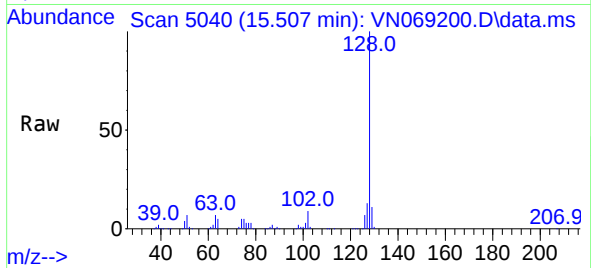


Tgt Ion:225 Resp: 76679
Ion Ratio Lower Upper
225 100
223 64.9 31.5 94.5
227 62.6 31.6 94.7

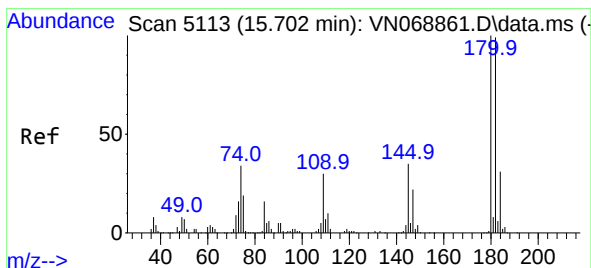
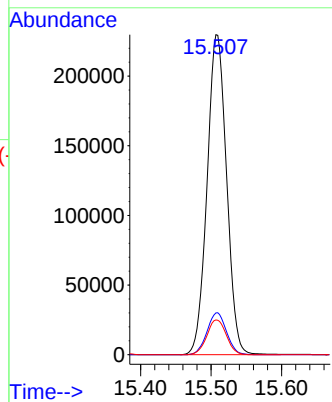
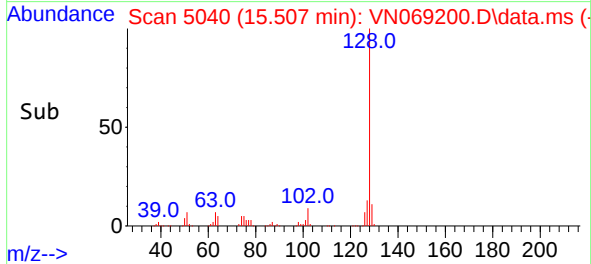




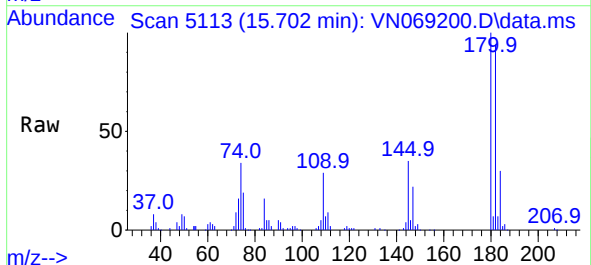
#95
Naphthalene
Concen: 55.569 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



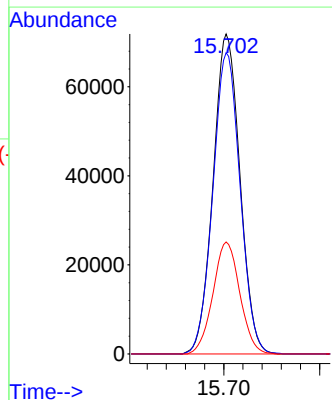
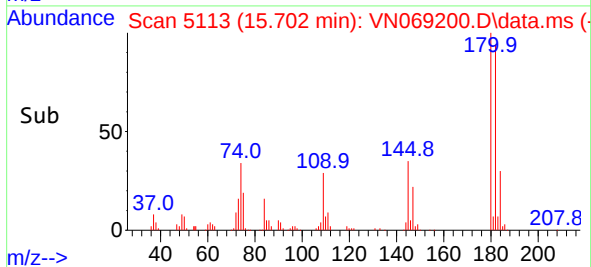
Tgt Ion:128 Resp: 441370
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.363 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069200.D
Acq: 26 Oct 2021 21:47



Tgt Ion:180 Resp: 139523
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.3
145 35.1 17.4 52.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/27/2021 5:05:49 PM