

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068755.D
 Acq On : 29 Sep 2021 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:25 PM

Quant Time: Sep 29 23:45:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	407456	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	719612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	713778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	316564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	270073	47.572	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.140%		
35) Dibromofluoromethane	8.021	113	217117	48.560	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.120%		
50) Toluene-d8	10.443	98	814051	49.825	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.733	95	302590	53.299	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	188029	42.135	ug/l	99
3) Chloromethane	2.301	50	194673	48.435	ug/l	99
4) Vinyl Chloride	2.443	62	394160	43.114	ug/l	96
5) Bromomethane	2.840	94	336881	51.703	ug/l	100
6) Chloroethane	3.011	64	335265	52.115	ug/l	98
7) Trichlorofluoromethane	3.373	101	336213	49.263	ug/l	98
8) Diethyl Ether	3.827	74	115638	46.524	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.215	101	190620	42.660	ug/l	95
10) Methyl Iodide	4.422	142	197396	48.358	ug/l	93
11) Tert butyl alcohol	5.363	59	197522	259.482	ug/l	# 82
12) 1,1-Dichloroethene	4.183	96	165856	43.321	ug/l	83
13) Acrolein	4.044	56	29882	258.841	ug/l	99
14) Allyl chloride	4.846	41	270619	45.334	ug/l	# 89
15) Acrylonitrile	5.554	53	529202	247.151	ug/l	99
16) Acetone	4.283	43	432737	226.592	ug/l	95
17) Carbon Disulfide	4.532	76	338559	45.585	ug/l	97
18) Methyl Acetate	4.854	43	328515	47.993	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	725534	47.740	ug/l	99
20) Methylene Chloride	5.101	84	213744	43.364	ug/l	90
21) trans-1,2-Dichloroethene	5.602	96	186486	43.343	ug/l	86
22) Diisopropyl ether	6.498	45	697152	49.380	ug/l	# 96
23) Vinyl Acetate	6.434	43	2789295	250.004	ug/l	# 95
24) 1,1-Dichloroethane	6.388	63	390613	45.702	ug/l	98
25) 2-Butanone	7.332	43	762396	239.244	ug/l	90
26) 2,2-Dichloropropane	7.327	77	321279	39.768	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	254631	46.009	ug/l	83
28) Bromochloromethane	7.659	49	182648	47.062	ug/l	# 76
29) Tetrahydrofuran	7.681	42	494272	251.152	ug/l	88
30) Chloroform	7.820	83	476153	47.333	ug/l	98
31) Cyclohexane	8.096	56	309566	47.185	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	425488	47.483	ug/l	98
36) 1,1-Dichloropropene	8.222	75	304639	45.012	ug/l	96
37) Ethyl Acetate	7.412	43	320332	49.880	ug/l	98
38) Carbon Tetrachloride	8.206	117	365753	45.493	ug/l	100
39) Methylcyclohexane	9.461	83	335670	42.791	ug/l	89
40) Benzene	8.461	78	948931	46.053	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068755.D
 Acq On : 29 Sep 2021 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:25 PM

Quant Time: Sep 29 23:45:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	153653	50.320	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	371018	45.863	ug/l	97
43) Isopropyl Acetate	8.560	43	573328	48.528	ug/l	97
44) Trichloroethene	9.217	130	243565	44.278	ug/l	86
45) 1,2-Dichloropropane	9.488	63	246019	46.273	ug/l	100
46) Dibromomethane	9.579	93	189605	46.486	ug/l	94
47) Bromodichloromethane	9.762	83	389636	47.505	ug/l #	96
48) Methyl methacrylate	9.561	41	243449	49.089	ug/l #	83
49) 1,4-Dioxane	9.569	88	91175	1138.042	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	1876676	262.719	ug/l	97
52) Toluene	10.507	92	653104	47.572	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	400619	48.250	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	404482	46.298	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	276272	47.330	ug/l	97
56) Ethyl methacrylate	10.762	69	417943	46.297	ug/l	93
57) 1,3-Dichloropropane	11.046	76	442249	48.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	457280	248.165	ug/l	92
59) 2-Hexanone	11.087	43	1360773	276.486	ug/l	96
60) Dibromochloromethane	11.240	129	318377	51.710	ug/l	100
61) 1,2-Dibromoethane	11.350	107	283782	49.567	ug/l	98
64) Tetrachloroethene	10.979	164	223573	41.962	ug/l	96
65) Chlorobenzene	11.773	112	737748	45.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	291405	46.341	ug/l	100
67) Ethyl Benzene	11.846	91	1355516	47.331	ug/l	97
68) m/p-Xylenes	11.956	106	1012769	95.420	ug/l	87
69) o-Xylene	12.283	106	512339	48.858	ug/l	86
70) Styrene	12.296	104	857355	51.417	ug/l	93
71) Bromoform	12.460	173	225754	50.855	ug/l #	99
73) Isopropylbenzene	12.581	105	1360495	48.024	ug/l	98
74) N-amyl acetate	12.387	43	496864	54.555	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	420588	48.867	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	340420m	48.355	ug/l	
77) Bromobenzene	12.862	156	308426	48.126	ug/l	74
78) n-propylbenzene	12.921	91	1541965	48.154	ug/l	96
79) 2-Chlorotoluene	13.010	91	909695	49.182	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1116703	49.640	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	123264	50.899	ug/l	95
82) 4-Chlorotoluene	13.106	91	882081	47.453	ug/l	91
83) tert-Butylbenzene	13.326	119	988948	49.810	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1107012	50.145	ug/l	95
85) sec-Butylbenzene	13.503	105	1400816	48.865	ug/l	97
86) p-Isopropyltoluene	13.618	119	1125021	49.406	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	543003	45.435	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	523187	43.983	ug/l	96
89) n-Butylbenzene	13.946	91	908209	45.120	ug/l	97
90) Hexachloroethane	14.214	117	227807	49.181	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	519363	45.133	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	72925	49.001	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	231357	44.311	ug/l	99
94) Hexachlorobutadiene	15.370	225	120347	40.893	ug/l	99
95) Naphthalene	15.507	128	646914	43.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	227274	45.390	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
Data File : VN068755.D
Acq On : 29 Sep 2021 22:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM

Quant Time: Sep 29 23:45:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 29 23:31:35 2021
Response via : Initial Calibration

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

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

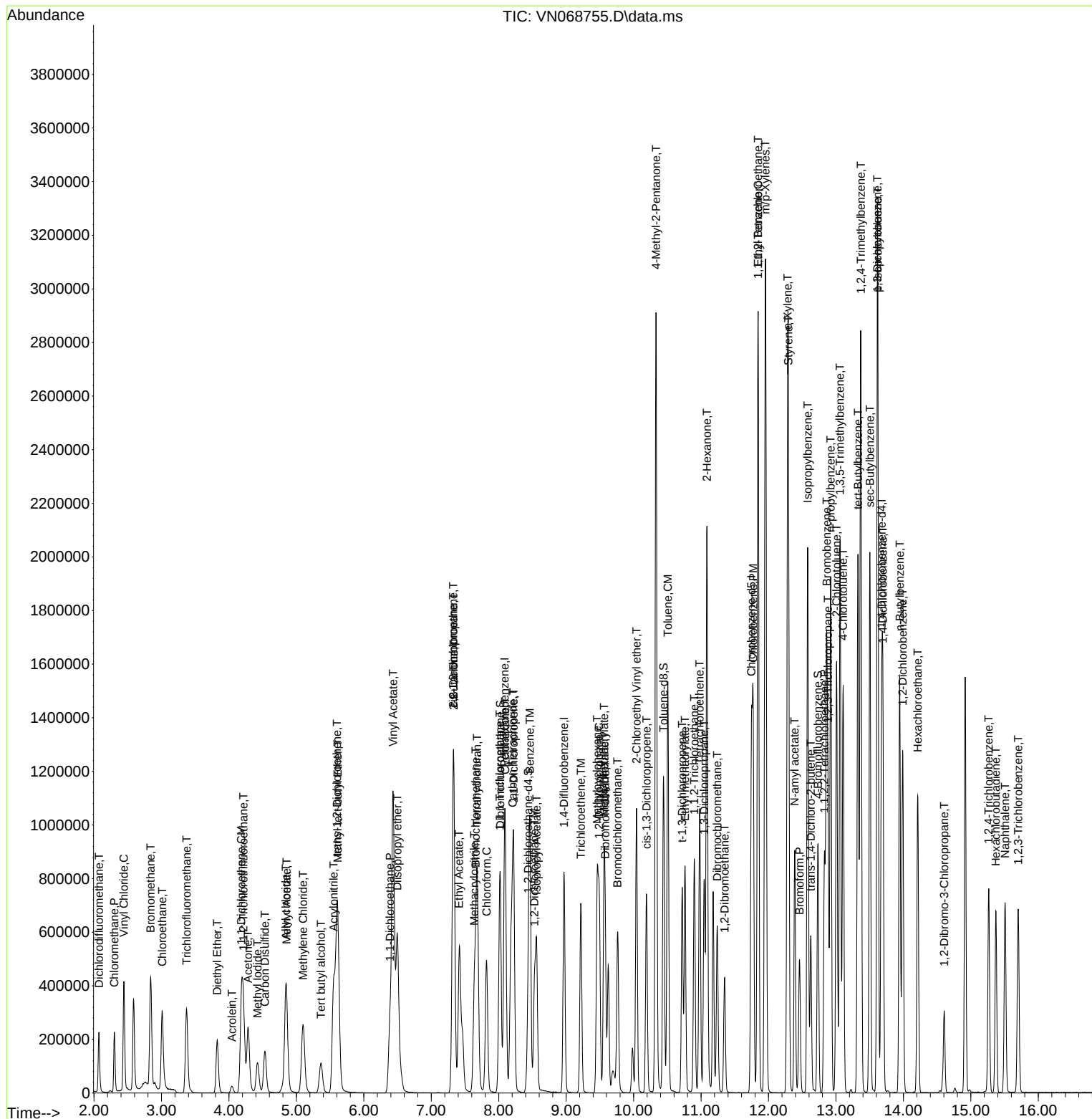
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068755.D
 Acq On : 29 Sep 2021 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

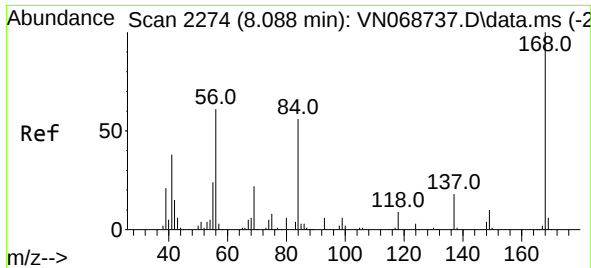
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:25 PM

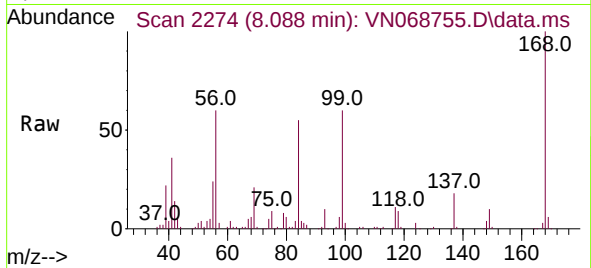
Quant Time: Sep 29 23:45:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

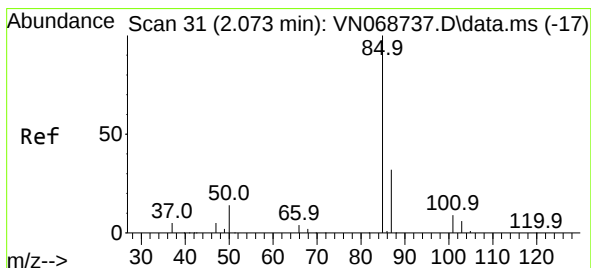
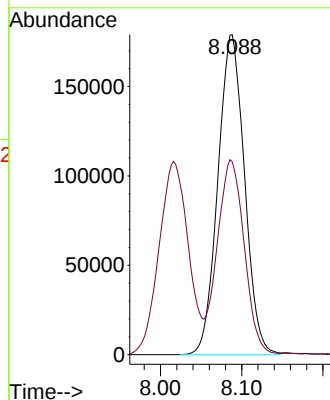
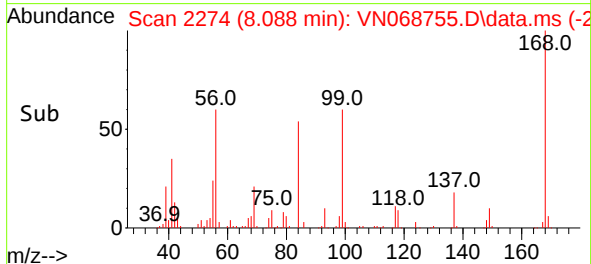
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



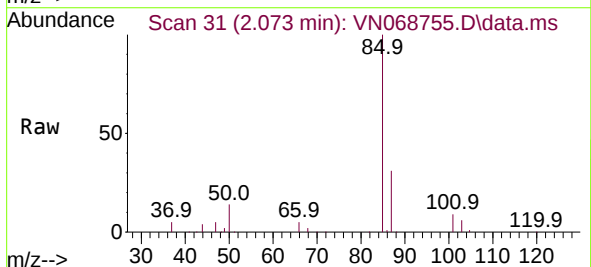
Tgt Ion:168 Resp: 407456
Ion Ratio Lower Upper
168 100
99 59.9 62.9 94.3#

Manual Integrations
APPROVED

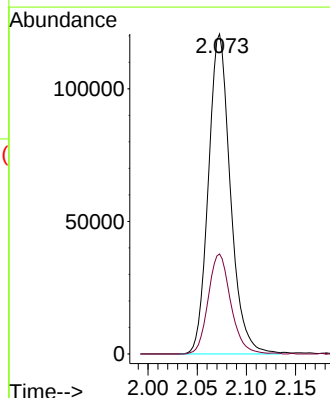
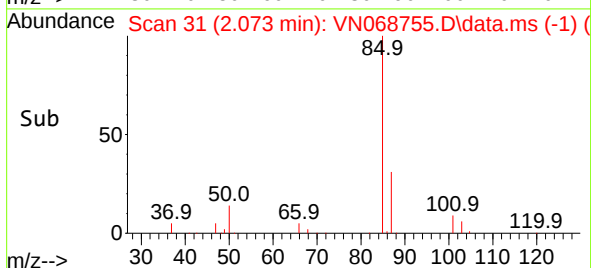
MMDadoda
9/30/2021 6:18:25 PM

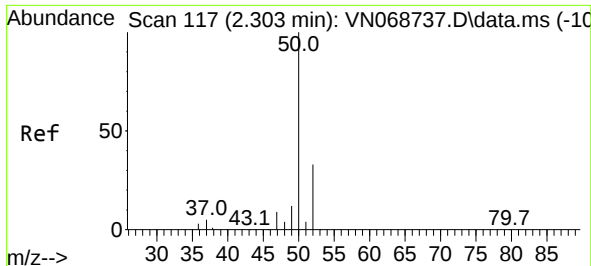


#2
Dichlorodifluoromethane
Concen: 42.135 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



Tgt Ion: 85 Resp: 188029
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2





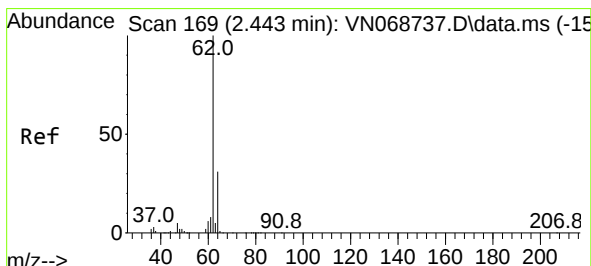
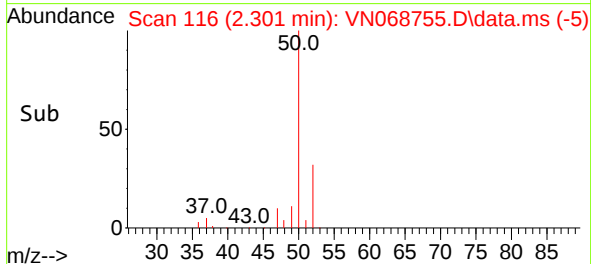
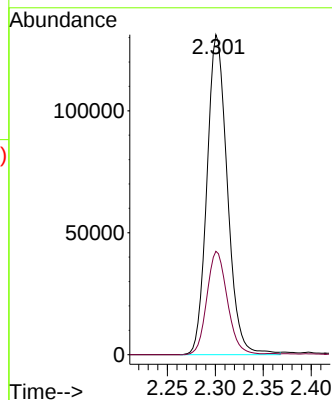
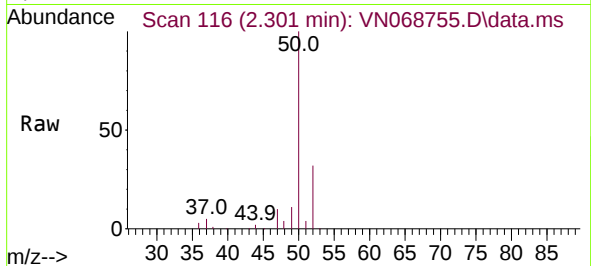
#3
Chloromethane
Concen: 48.435 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 50 Resp: 194673
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

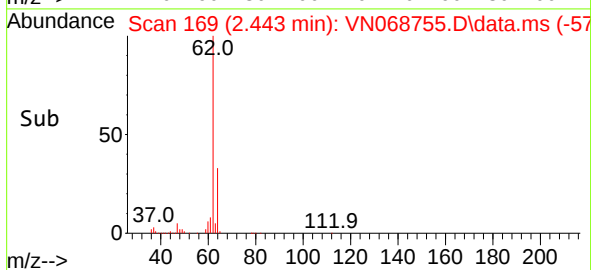
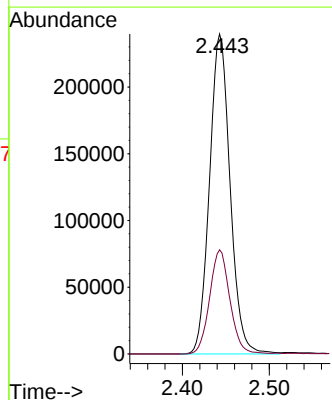
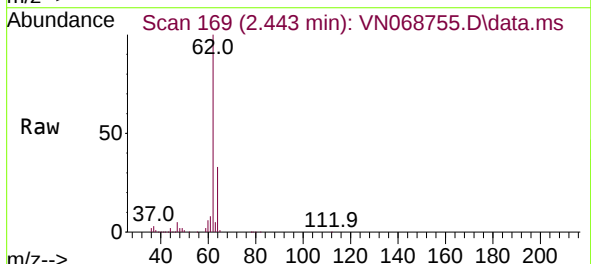
Manual Integrations
APPROVED

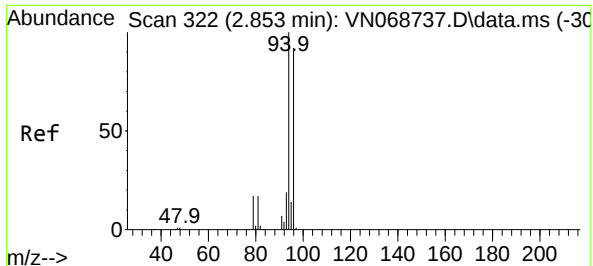
MMDadoda
9/30/2021 6:18:25 PM



#4
Vinyl Chloride
Concen: 43.114 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

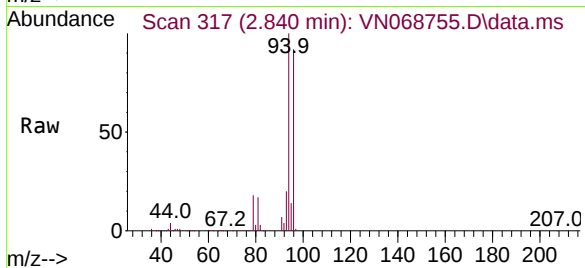
Tgt Ion: 62 Resp: 394160
Ion Ratio Lower Upper
62 100
64 32.5 24.4 36.6





#5
Bromomethane
Concen: 51.703 ug/l
RT: 2.840 min Scan# 317
Delta R.T. -0.013 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

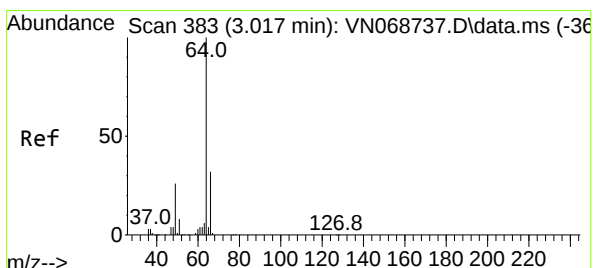
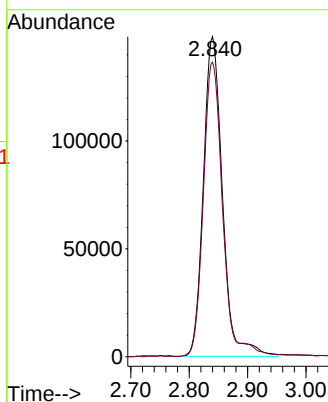
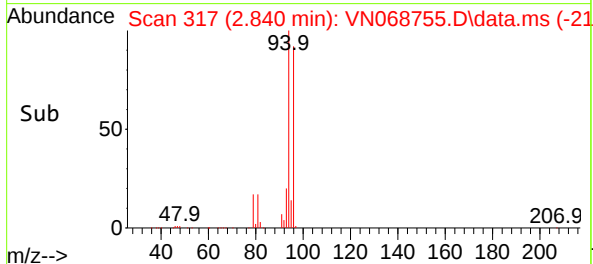
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



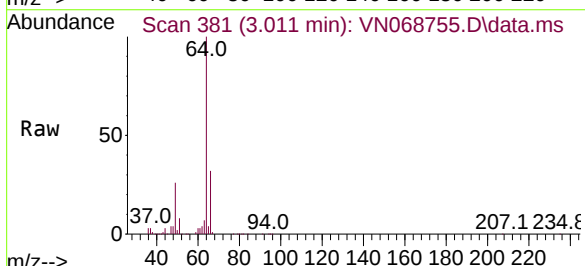
Tgt Ion: 94 Resp: 336881
Ion Ratio Lower Upper
94 100
96 92.1 73.7 110.5

Manual Integrations
APPROVED

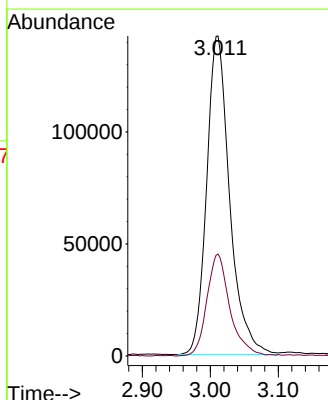
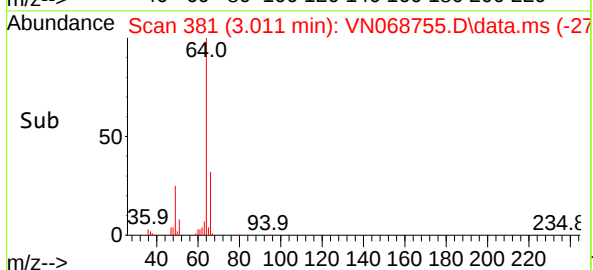
MMDadoda
9/30/2021 6:18:25 PM

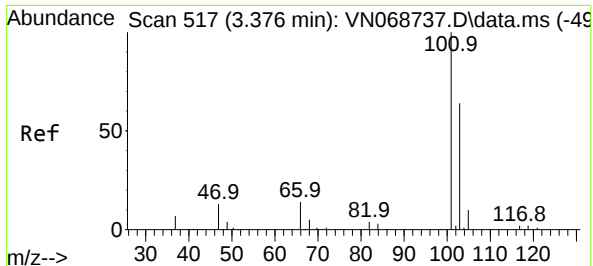


#6
Chloroethane
Concen: 52.115 ug/l
RT: 3.011 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



Tgt Ion: 64 Resp: 335265
Ion Ratio Lower Upper
64 100
66 32.0 24.7 37.1





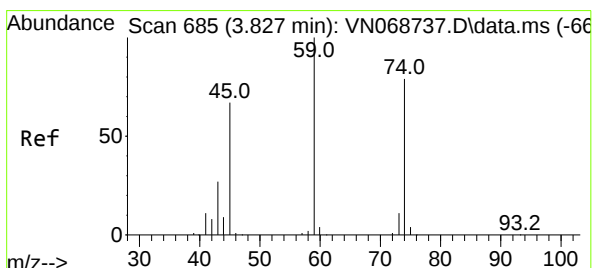
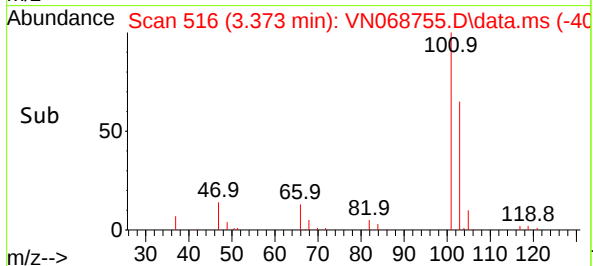
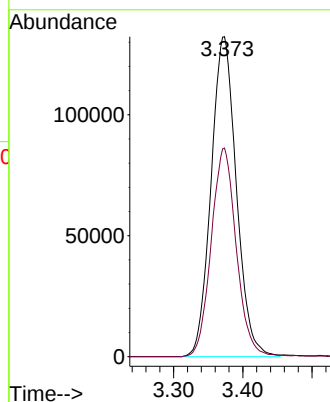
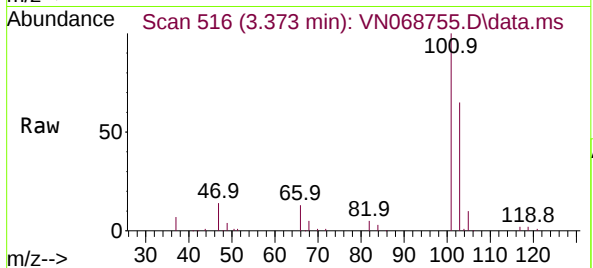
#7
Trichlorofluoromethane
Concen: 49.263 ug/l
RT: 3.373 min Scan# 516
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion:101 Resp: 336213
Ion Ratio Lower Upper
101 100
103 65.2 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

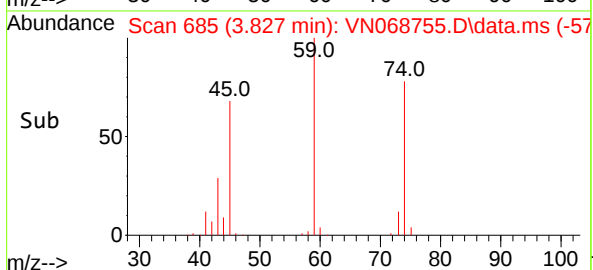
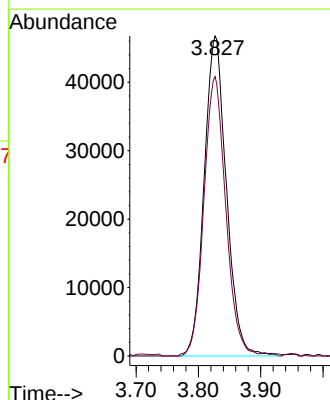
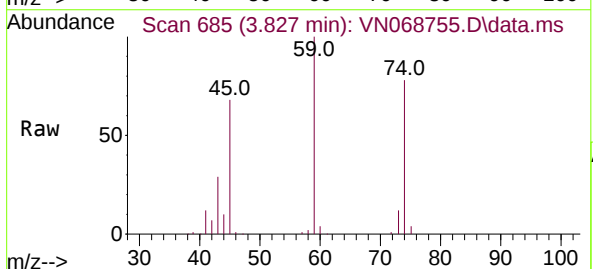
Manual Integrations
APPROVED

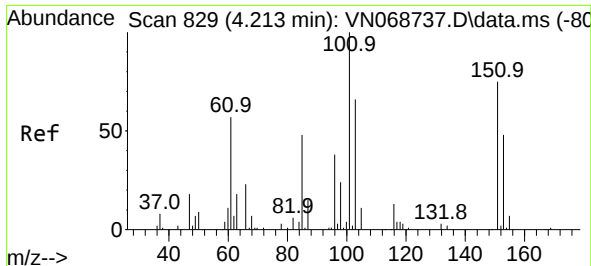
MMDadoda
9/30/2021 6:18:25 PM



#8
Diethyl Ether
Concen: 46.524 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 74 Resp: 115638
Ion Ratio Lower Upper
74 100
45 86.1 50.2 150.7





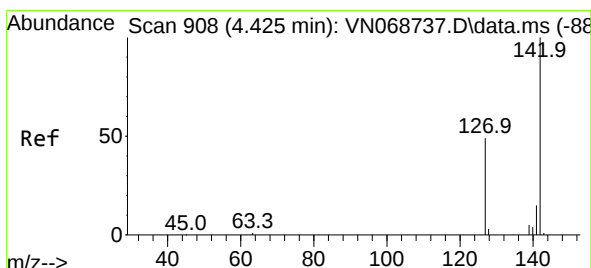
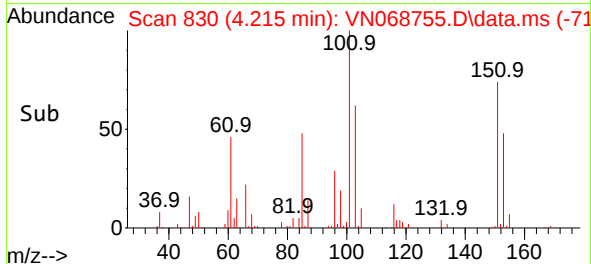
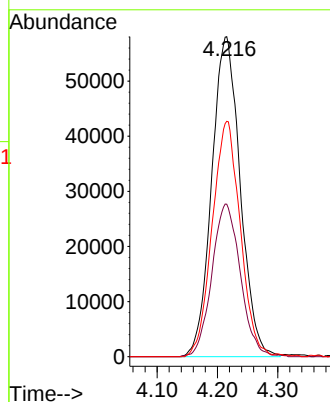
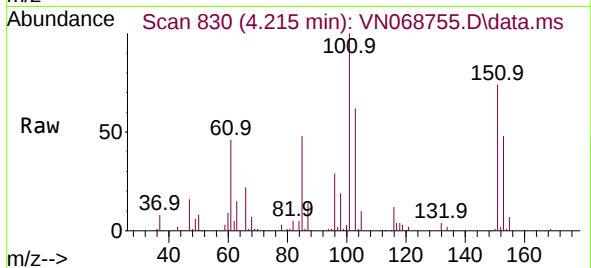
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.660 ug/l
RT: 4.215 min Scan# 830
Delta R.T. 0.002 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion	101	Resp	190620
Ion Ratio	Lower	Upper	
101	100		
85	47.5	39.6	59.4
151	72.3	54.1	81.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

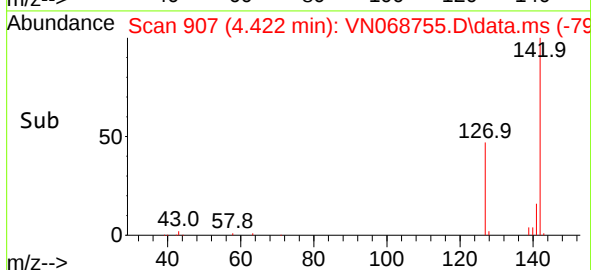
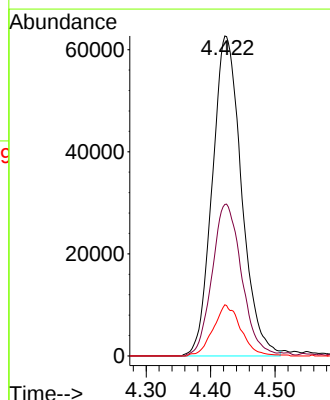
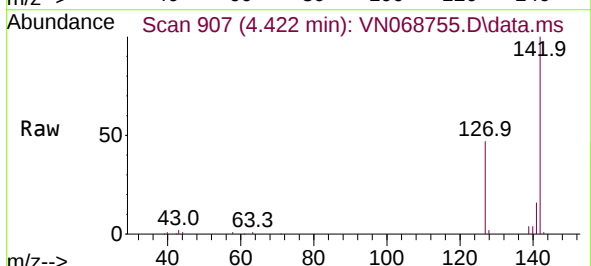
Manual Integrations
APPROVED

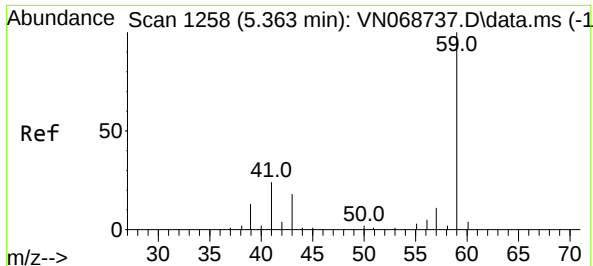
MMDadoda
9/30/2021 6:18:25 PM



#10
Methyl Iodide
Concen: 48.358 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion	142	Resp	197396
Ion Ratio	Lower	Upper	
142	100		
127	47.9	43.1	64.7
141	15.2	11.4	17.0





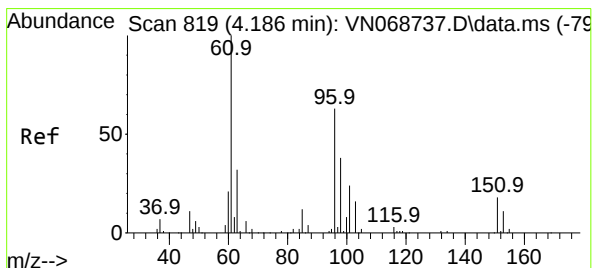
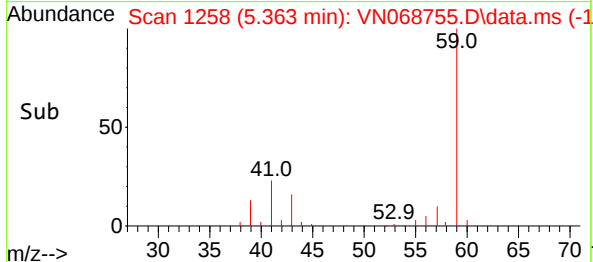
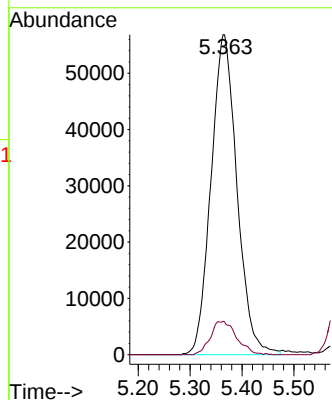
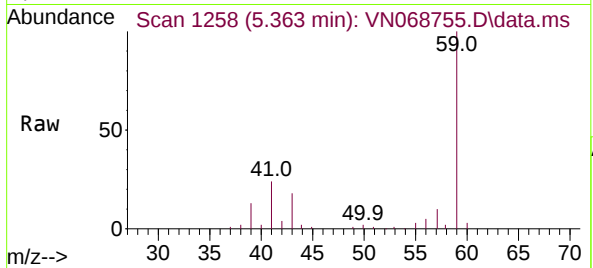
#11
Tert butyl alcohol
Concen: 259.482 ug/l
RT: 5.363 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 59 Resp: 197522
Ion Ratio Lower Upper
59 100
57 4.2 8.7 13.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

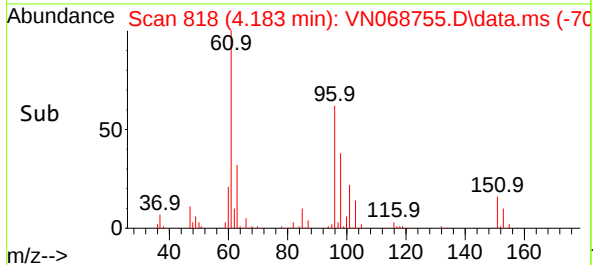
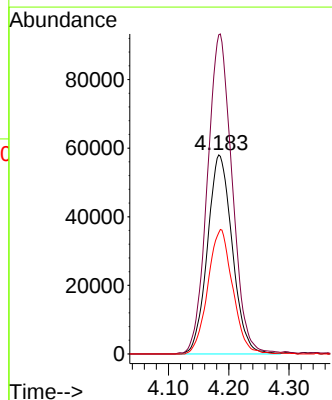
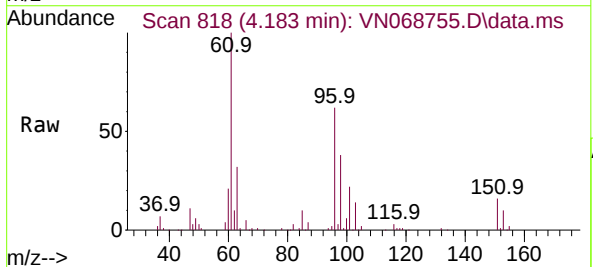
Manual Integrations
APPROVED

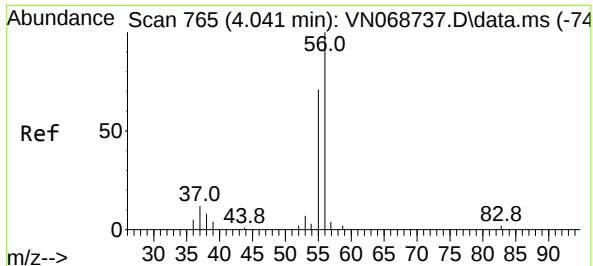
MMDadoda
9/30/2021 6:18:25 PM



#12
1,1-Dichloroethene
Concen: 43.321 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

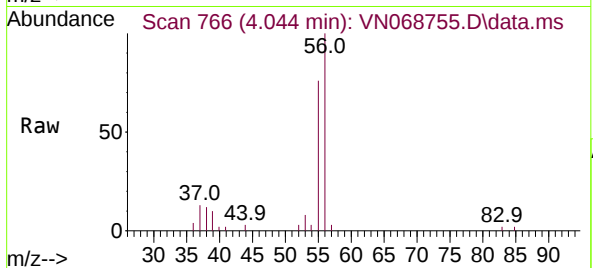
Tgt Ion: 96 Resp: 165856
Ion Ratio Lower Upper
96 100
61 159.7 152.6 229.0
98 60.9 50.9 76.3





#13
Acrolein
Concen: 258.841 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

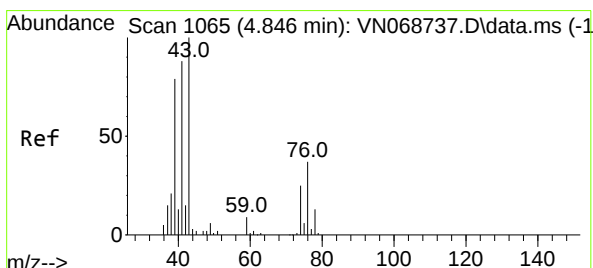
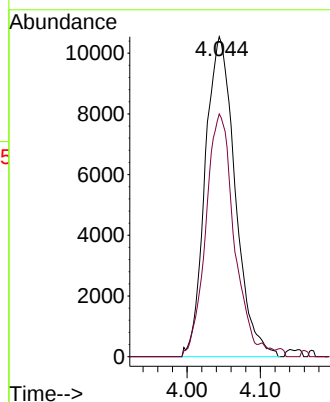
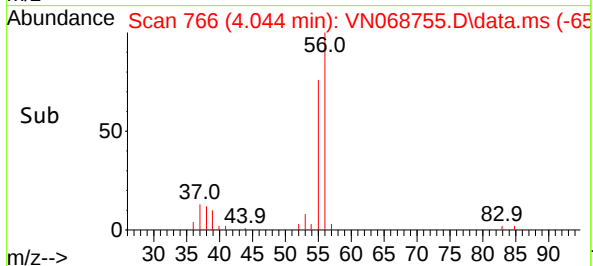
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



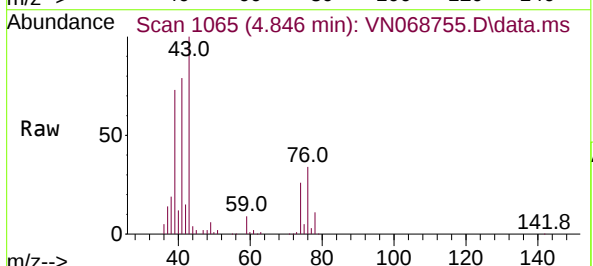
Tgt Ion: 56 Resp: 29882
Ion Ratio Lower Upper
56 100
55 71.2 57.4 86.0

Manual Integrations
APPROVED

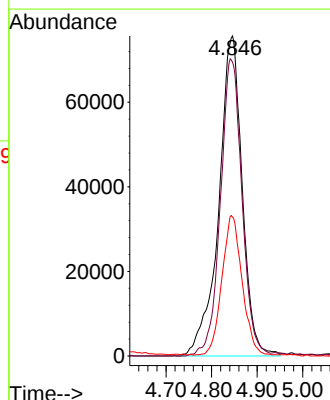
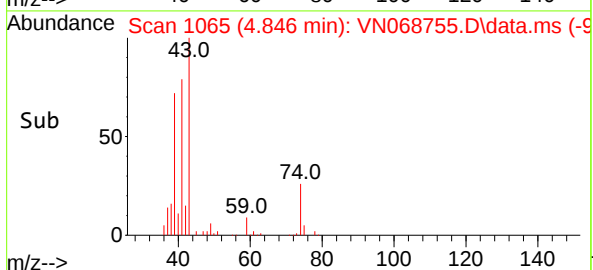
MMDadoda
9/30/2021 6:18:25 PM

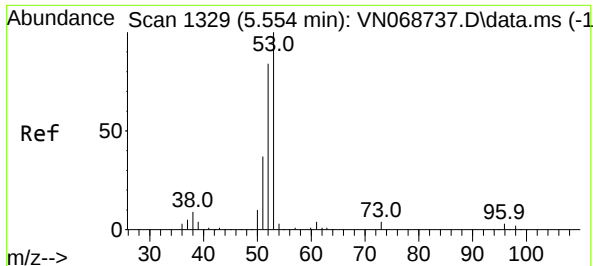


#14
Allyl chloride
Concen: 45.334 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



Tgt Ion: 41 Resp: 270619
Ion Ratio Lower Upper
41 100
39 85.3 60.9 91.3
76 37.4 24.3 36.5#





#15

Acrylonitrile

Concen: 247.151 ug/l

RT: 5.554 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VN068755.D

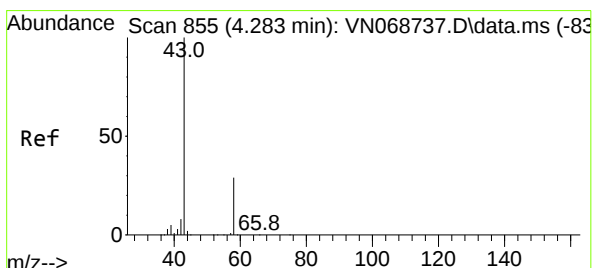
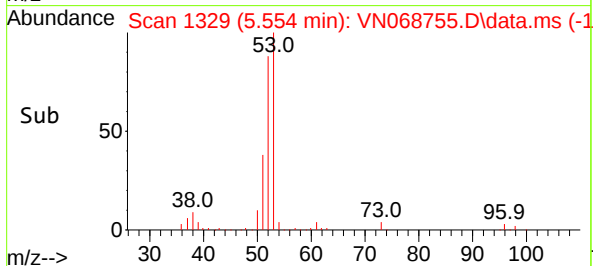
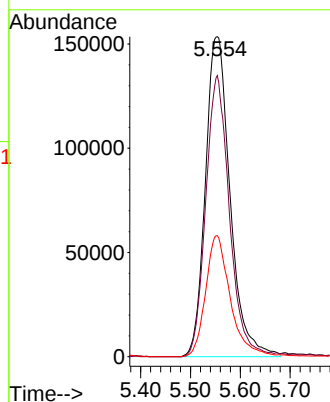
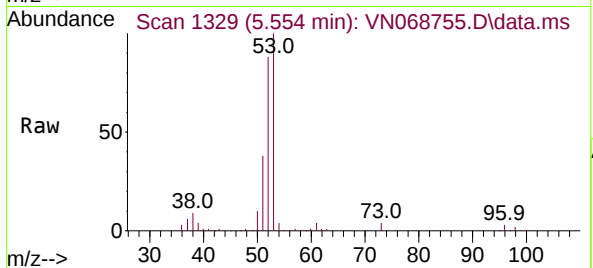
Acq: 29 Sep 2021 22:02

Tgt Ion:	53	Resp:	529202
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.2
51	37.7	30.2	45.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



#16

Acetone

Concen: 226.592 ug/l

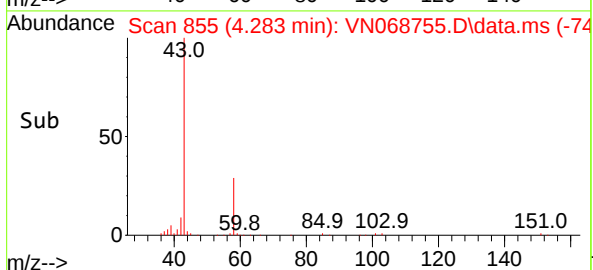
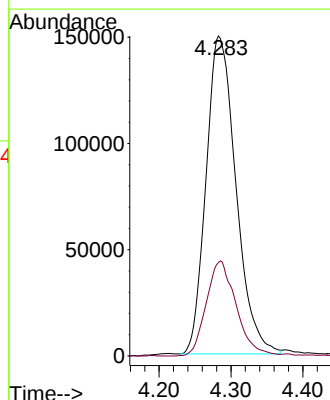
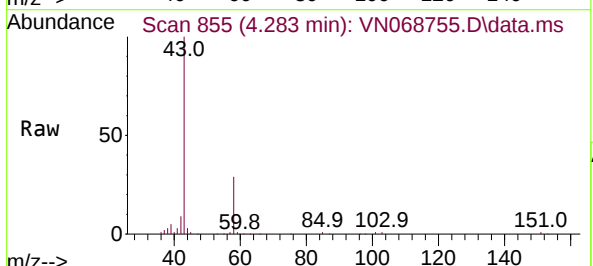
RT: 4.283 min Scan# 855

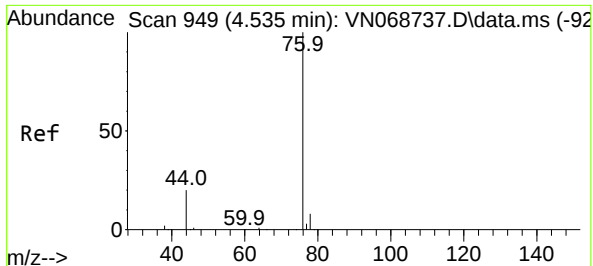
Delta R.T. -0.000 min

Lab File: VN068755.D

Acq: 29 Sep 2021 22:02

Tgt Ion:	43	Resp:	432737
Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.2	31.8





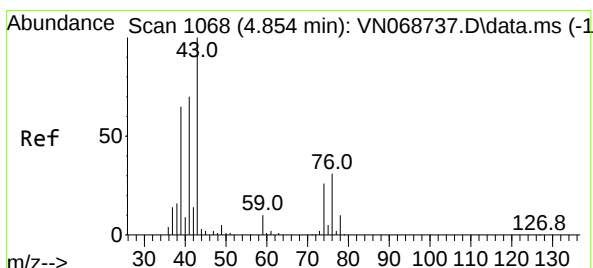
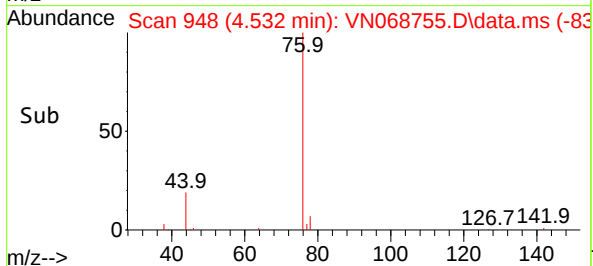
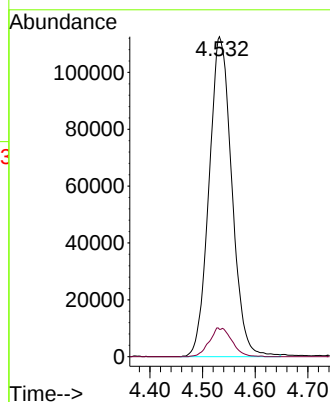
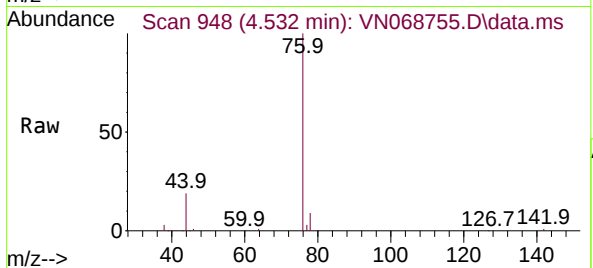
#17
Carbon Disulfide
Concen: 45.585 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 76 Resp: 338559
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

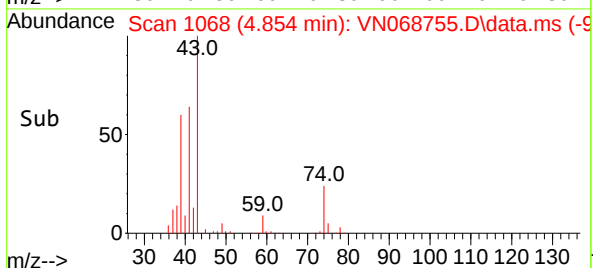
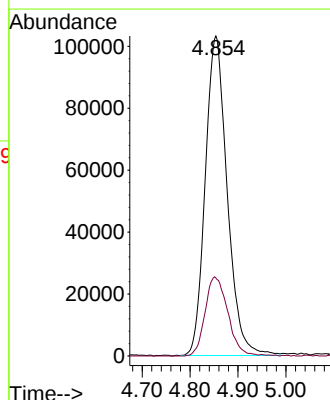
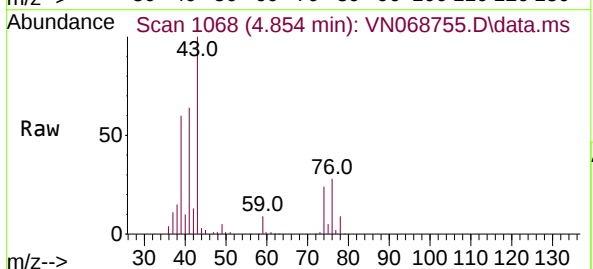
Manual Integrations
APPROVED

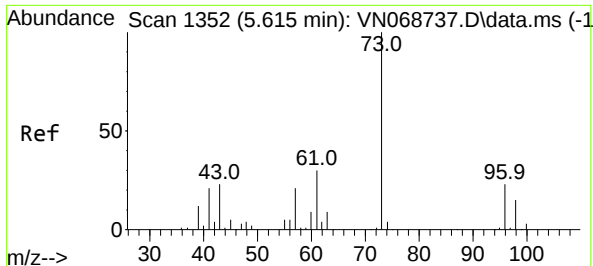
MMDadoda
9/30/2021 6:18:25 PM



#18
Methyl Acetate
Concen: 47.993 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 43 Resp: 328515
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





#19

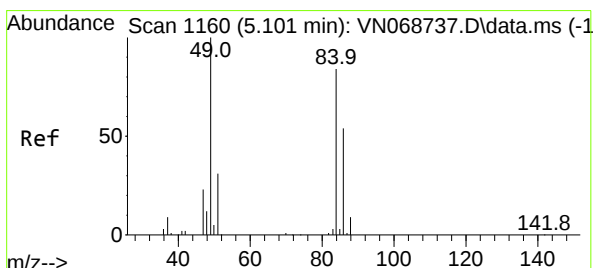
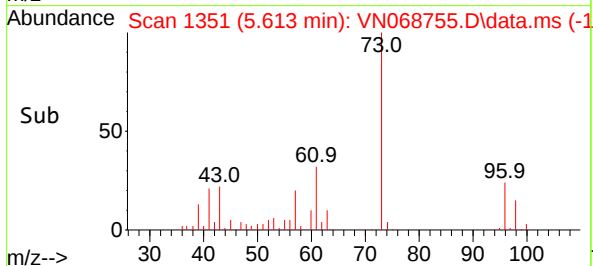
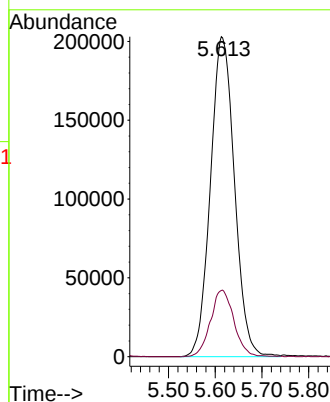
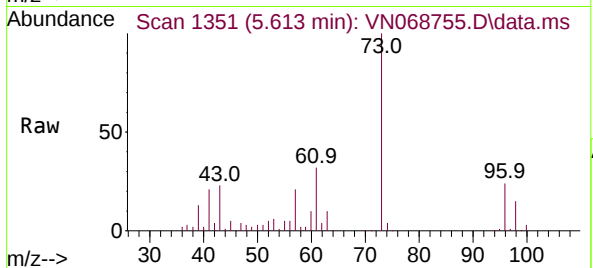
Methyl tert-butyl Ether
 Concen: 47.740 ug/l
 RT: 5.613 min Scan# 1351
 Delta R.T. -0.002 min
 Lab File: VN068755.D
 Acq: 29 Sep 2021 22:02

Tgt Ion: 73 Resp: 725534
 Ion Ratio Lower Upper
 73 100
 57 20.7 17.0 25.6

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

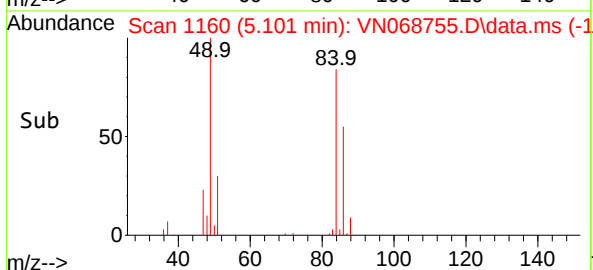
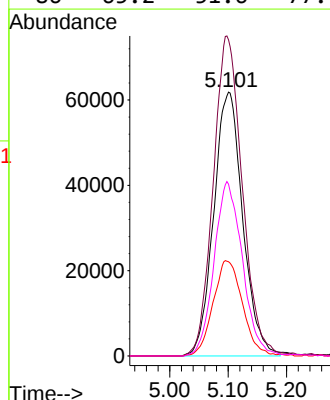
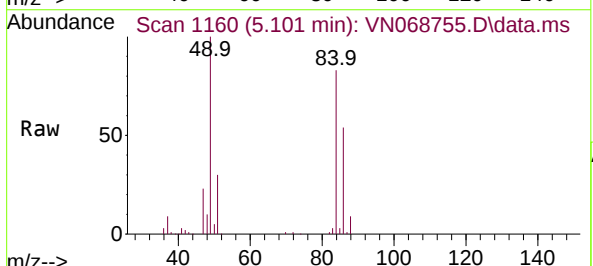
MMDadoda
 9/30/2021 6:18:25 PM

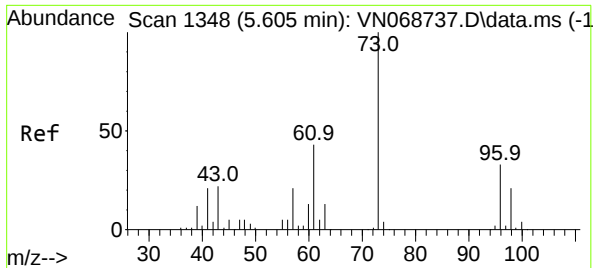


#20

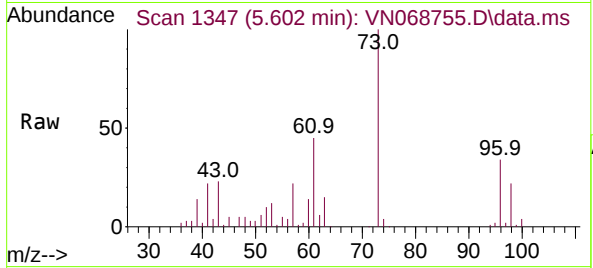
Methylene Chloride
 Concen: 43.364 ug/l
 RT: 5.101 min Scan# 1160
 Delta R.T. -0.000 min
 Lab File: VN068755.D
 Acq: 29 Sep 2021 22:02

Tgt Ion: 84 Resp: 213744
 Ion Ratio Lower Upper
 84 100
 49 119.8 110.9 166.3
 51 35.7 32.6 49.0
 86 65.2 51.6 77.4

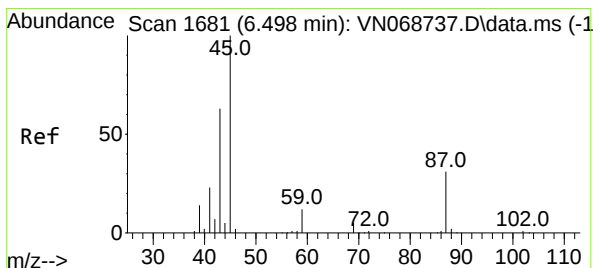
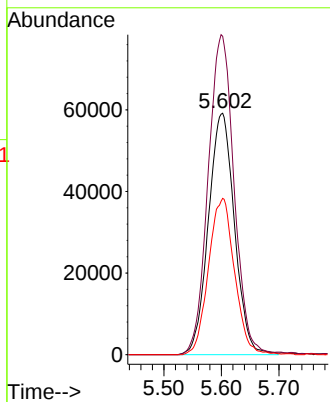
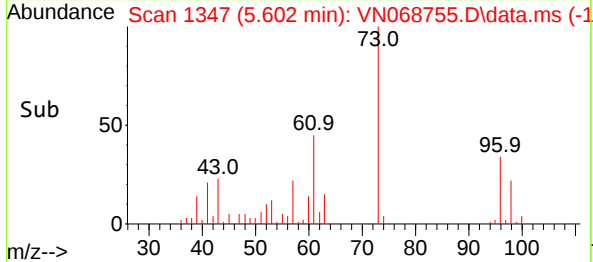




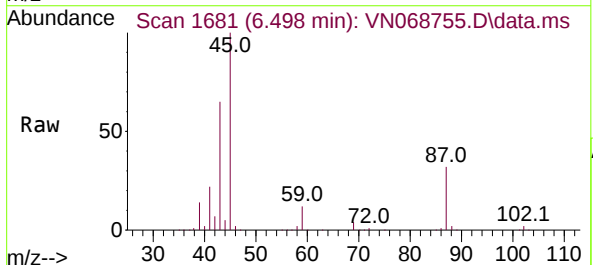
#21
trans-1,2-Dichloroethene
Concen: 43.343 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



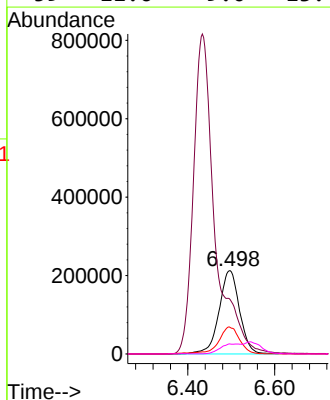
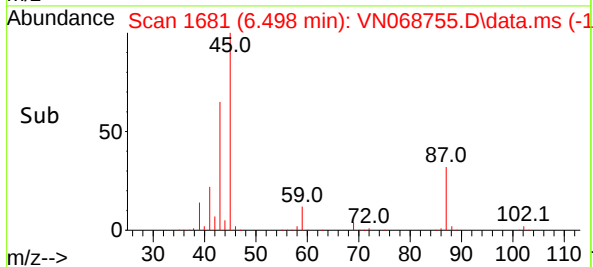
Tgt Ion: 96 Resp: 186486
Ion Ratio Lower Upper
96 100
61 131.9 123.5 185.3
98 64.8 48.6 72.8



#22
Diisopropyl ether
Concen: 49.380 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



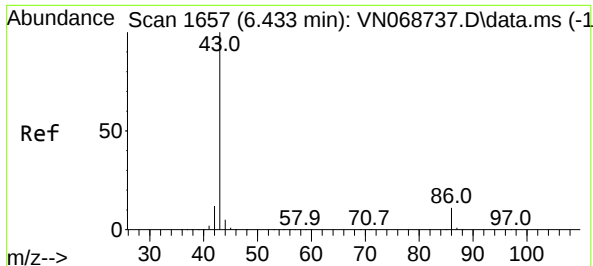
Tgt Ion: 45 Resp: 697152
Ion Ratio Lower Upper
45 100
43 63.3 49.4 74.2
87 31.5 20.9 31.3#
59 11.6 9.0 13.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



#23

Vinyl Acetate

Concen: 250.004 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. 0.001 min

Lab File: VN068755.D

Acq: 29 Sep 2021 22:02

Tgt Ion: 43 Resp: 2789295

Ion Ratio Lower Upper

43 100

86 11.0 7.3 10.9#

Instrument :

MSVOA_N

ClientSampleId :

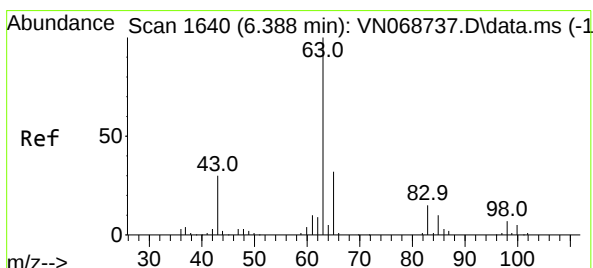
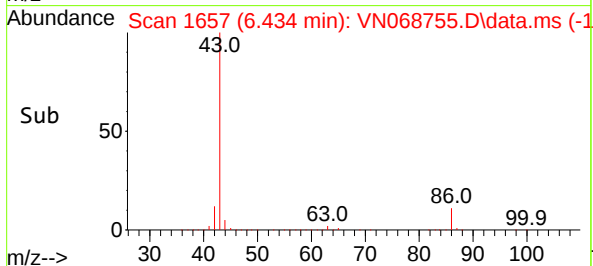
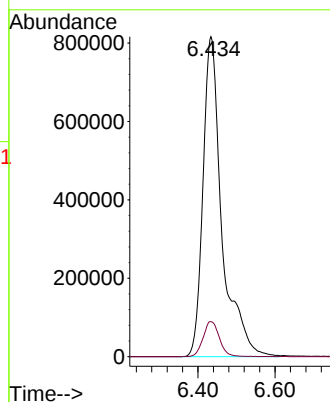
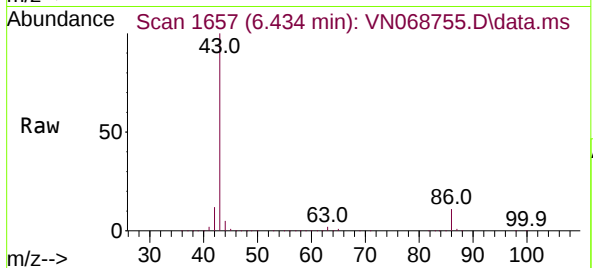
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

9/30/2021 6:18:25 PM



#24

1,1-Dichloroethane

Concen: 45.702 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VN068755.D

Acq: 29 Sep 2021 22:02

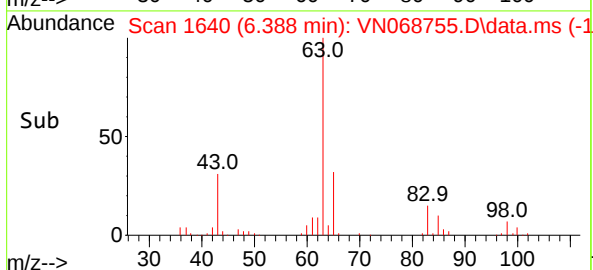
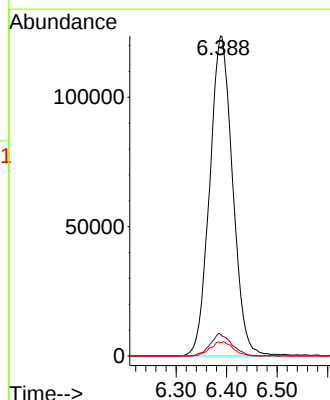
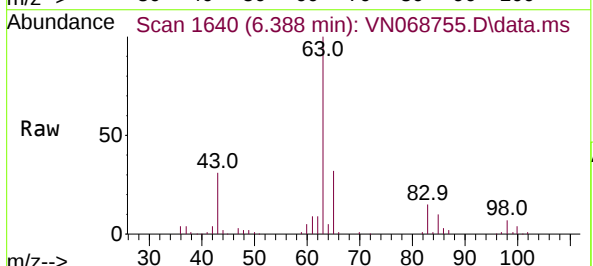
Tgt Ion: 63 Resp: 390613

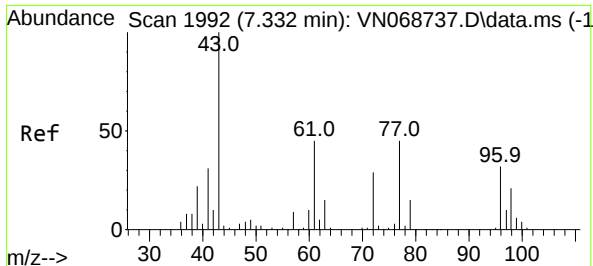
Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.0

100 4.1 1.9 5.7





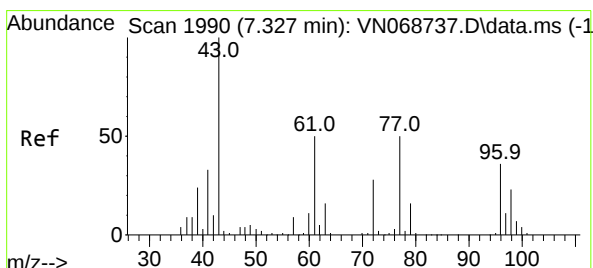
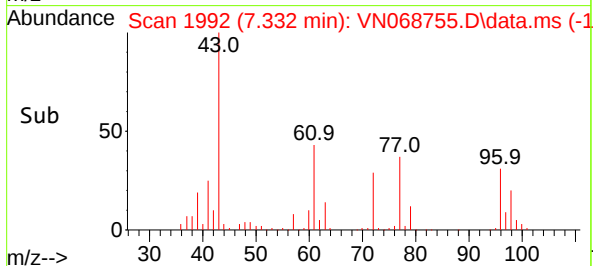
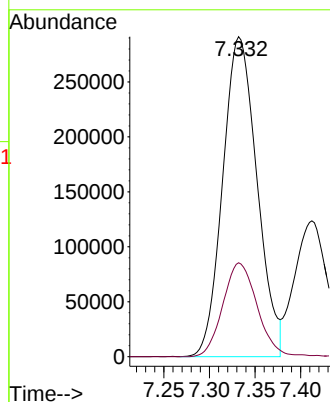
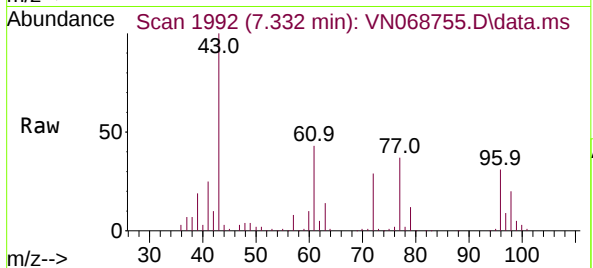
#25
2-Butanone
Concen: 239.244 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 43 Resp: 762396
Ion Ratio Lower Upper
43 100
72 29.4 19.7 29.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

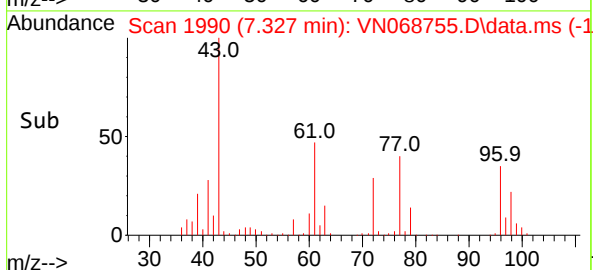
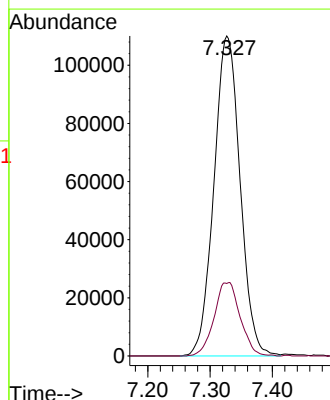
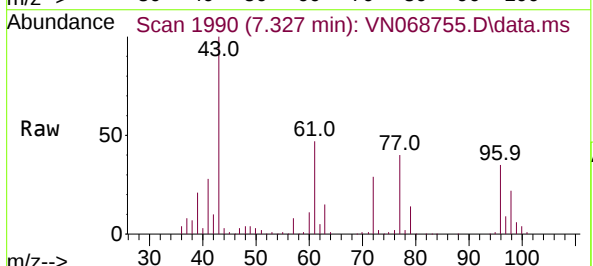
Manual Integrations
APPROVED

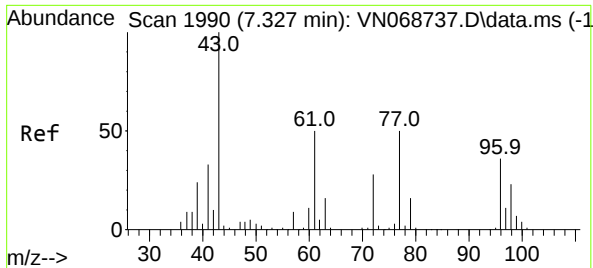
MMDadoda
9/30/2021 6:18:25 PM



#26
2,2-Dichloropropane
Concen: 39.768 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 77 Resp: 321279
Ion Ratio Lower Upper
77 100
97 22.9 9.8 29.3





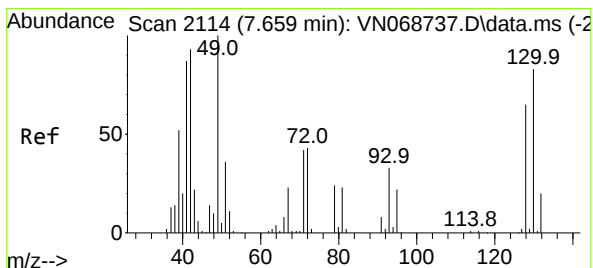
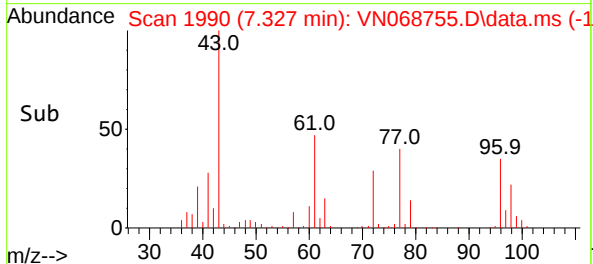
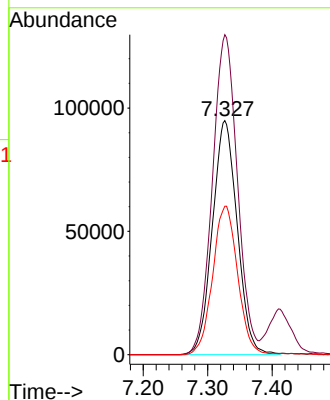
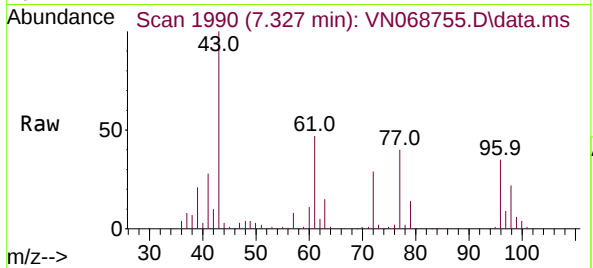
#27
cis-1,2-Dichloroethene
Concen: 46.009 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 96 Resp: 254631
Ion Ratio Lower Upper
96 100
61 137.6 0.0 338.8
98 63.5 0.0 129.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

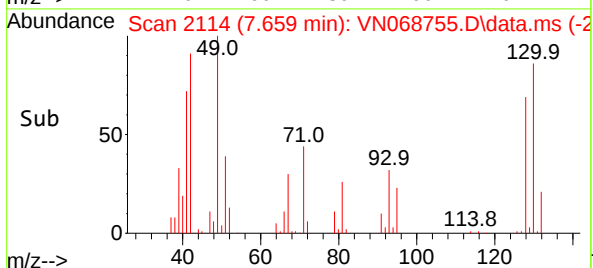
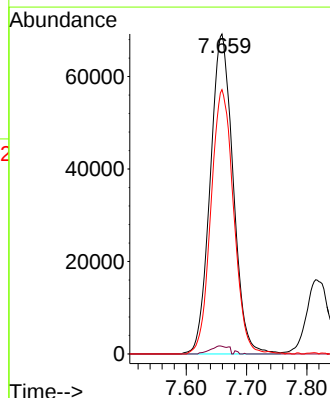
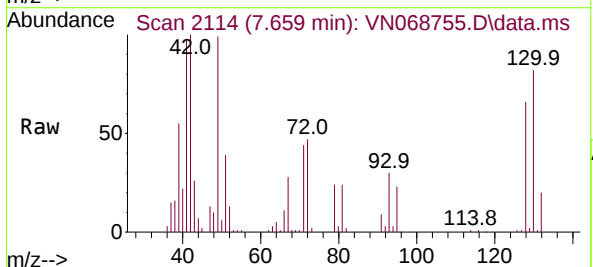
Manual Integrations
APPROVED

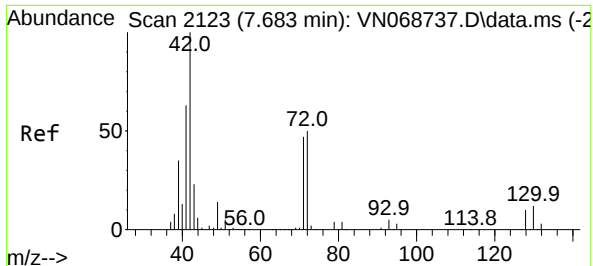
MMDadoda
9/30/2021 6:18:25 PM



#28
Bromochloromethane
Concen: 47.062 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 49 Resp: 182648
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 81.4 49.7 74.5#





#29

Tetrahydrofuran

Concen: 251.152 ug/l

RT: 7.681 min Scan# 2122

Delta R.T. -0.002 min

Lab File: VN068755.D

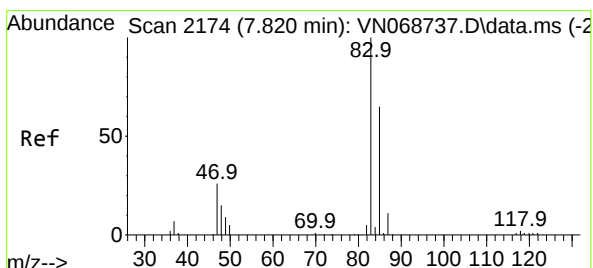
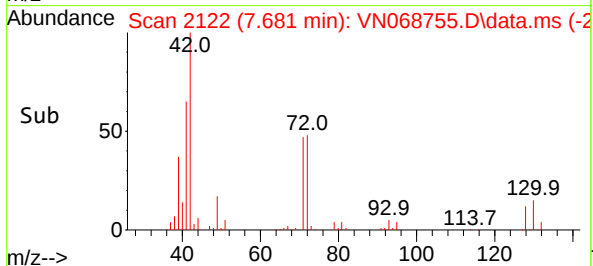
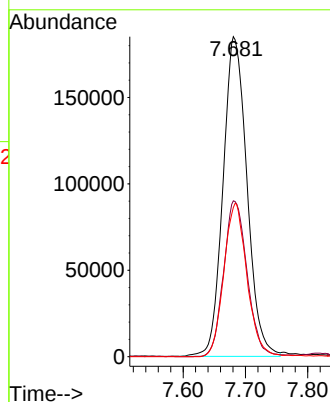
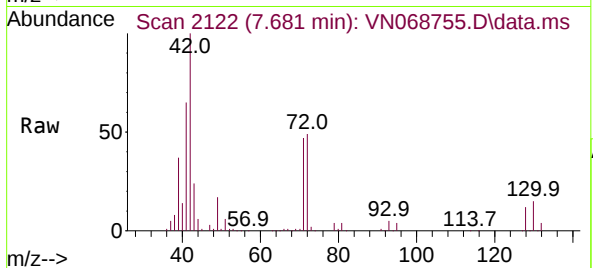
Acq: 29 Sep 2021 22:02

Tgt Ion:	42	Resp:	494272
Ion	Ratio	Lower	Upper
42	100		
72	48.0	32.8	49.2
71	46.2	31.2	46.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



#30

Chloroform

Concen: 47.333 ug/l

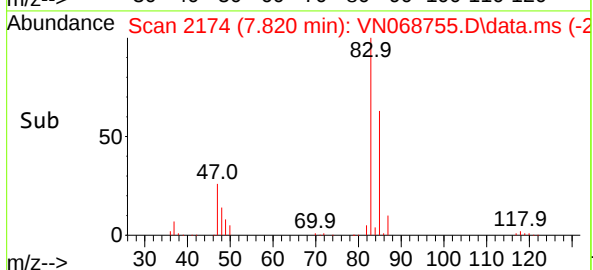
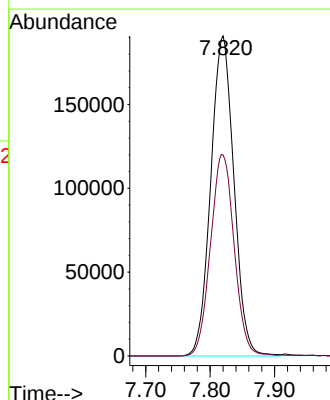
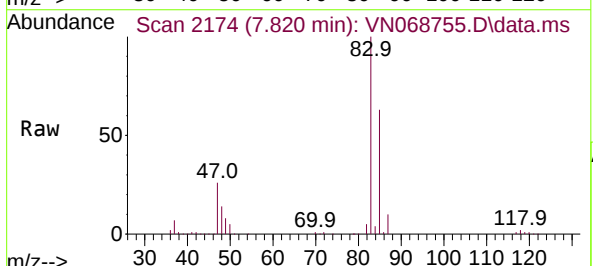
RT: 7.820 min Scan# 2174

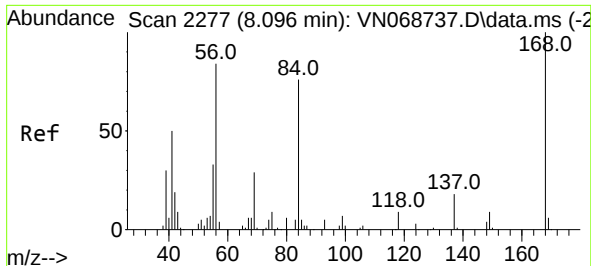
Delta R.T. 0.000 min

Lab File: VN068755.D

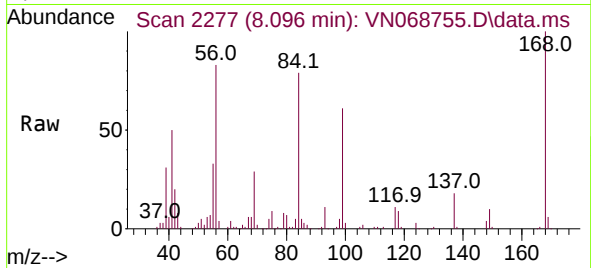
Acq: 29 Sep 2021 22:02

Tgt Ion:	83	Resp:	476153
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.5	77.3

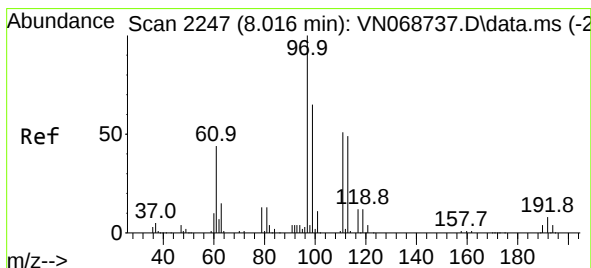
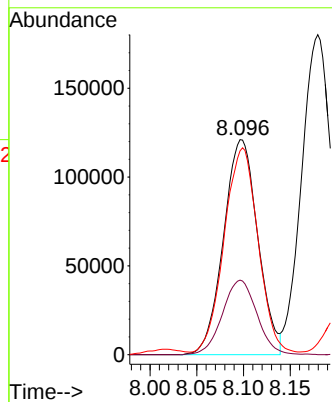
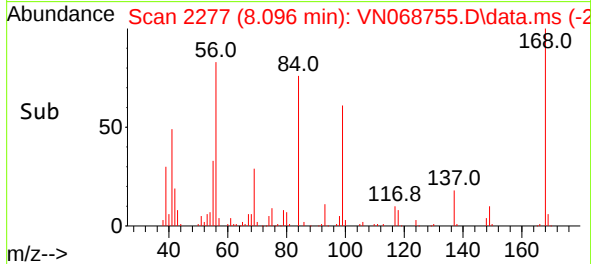




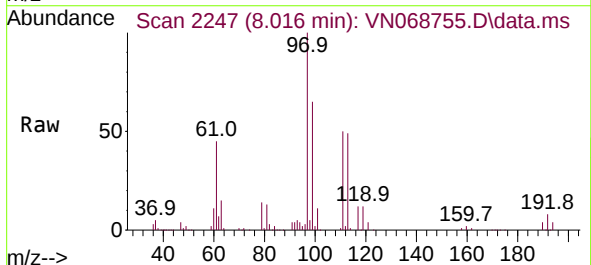
#31
Cyclohexane
Concen: 47.185 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



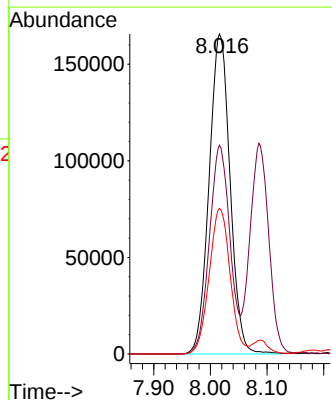
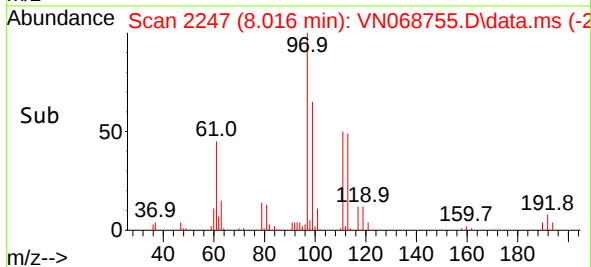
Tgt Ion: 56 Resp: 309566
Ion Ratio Lower Upper
56 100
69 34.7 27.3 40.9
84 93.0 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 47.483 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



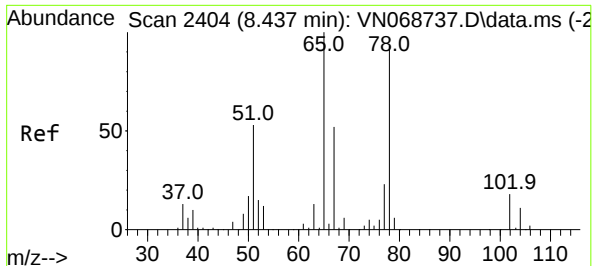
Tgt Ion: 97 Resp: 425488
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.2
61 45.8 38.2 57.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



#33

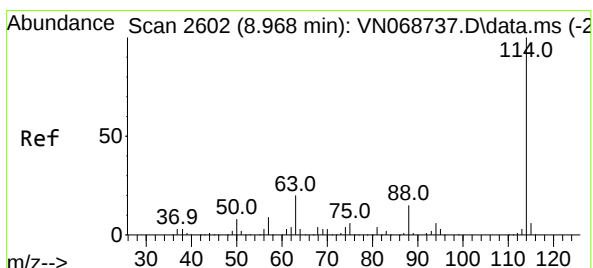
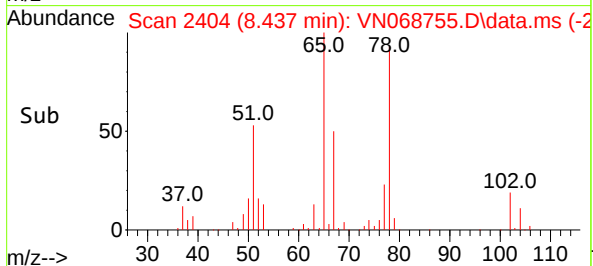
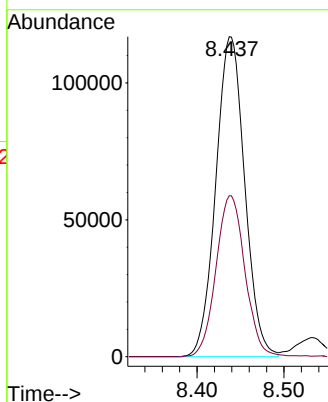
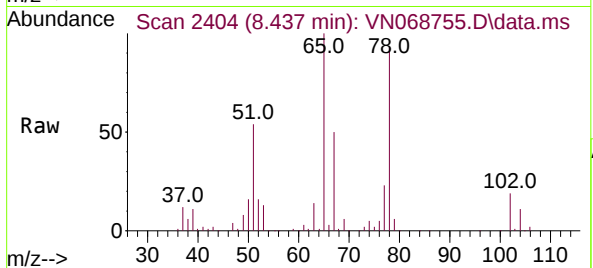
1,2-Dichloroethane-d4
Concen: 47.572 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 270073
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6

Manual Integrations
APPROVED

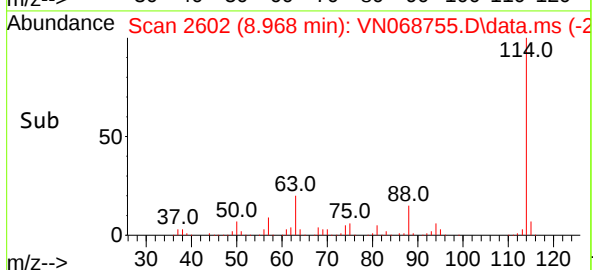
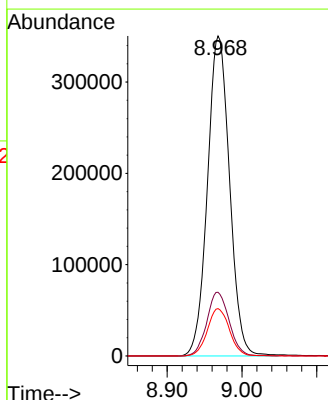
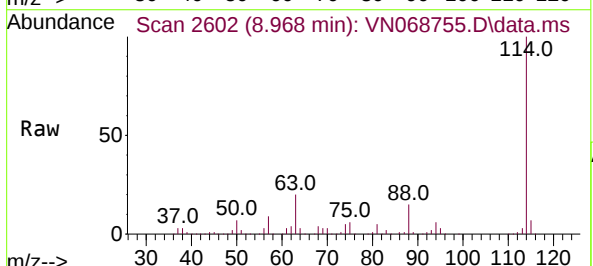
MMDadoda
9/30/2021 6:18:25 PM

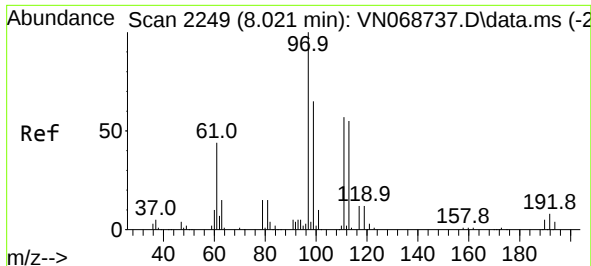


#34

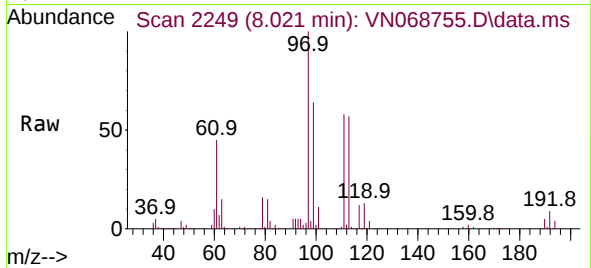
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 114 Resp: 719612
Ion Ratio Lower Upper
114 100
63 19.9 0.0 49.0
88 14.8 0.0 36.6

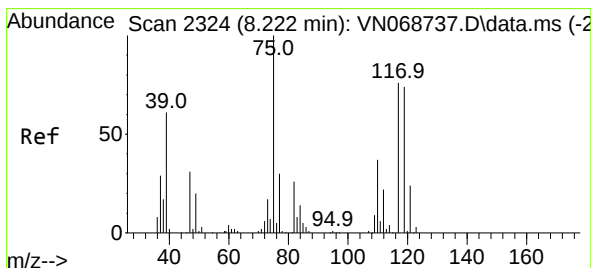
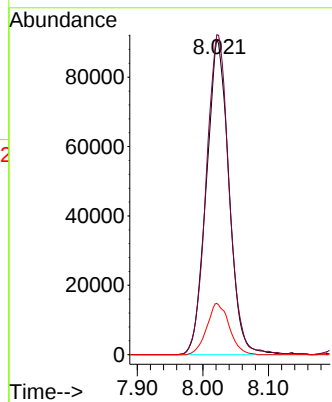
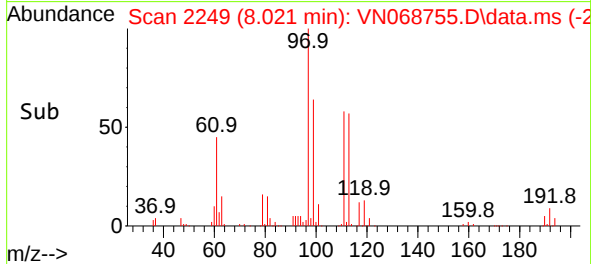




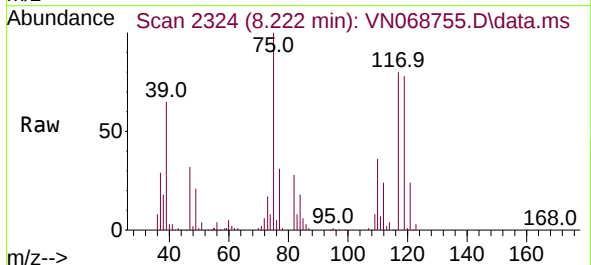
#35
Dibromofluoromethane
Concen: 48.560 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



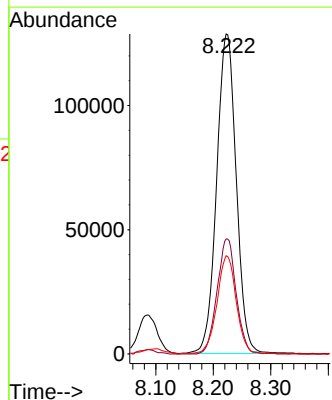
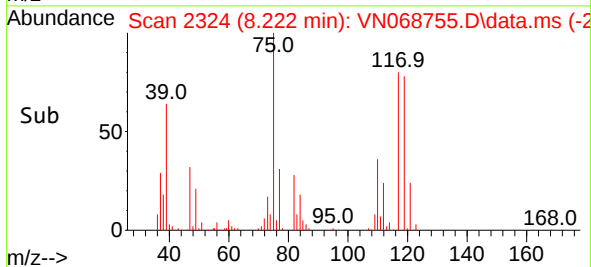
Tgt Ion: 113 Resp: 217117
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.8
192 16.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 45.012 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



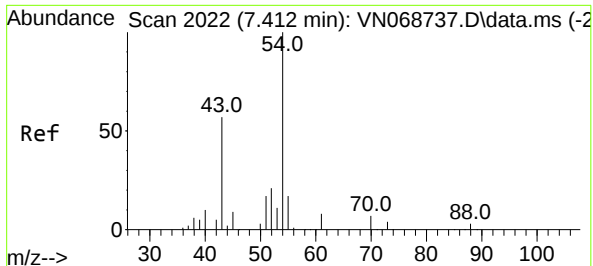
Tgt Ion: 75 Resp: 304639
Ion Ratio Lower Upper
75 100
110 35.0 15.7 47.0
77 29.8 24.6 37.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



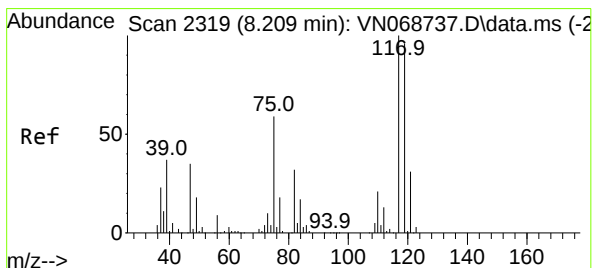
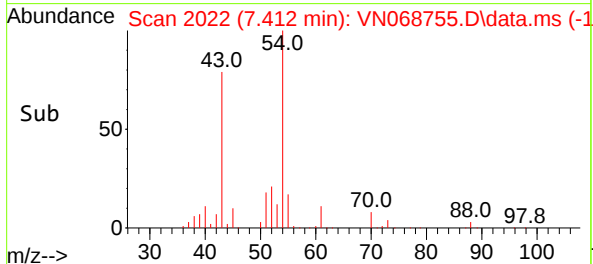
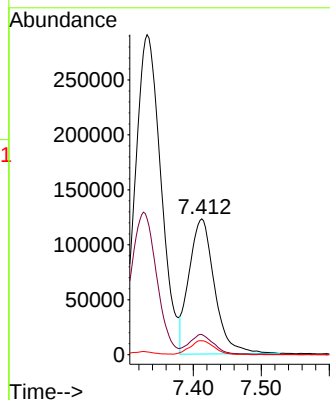
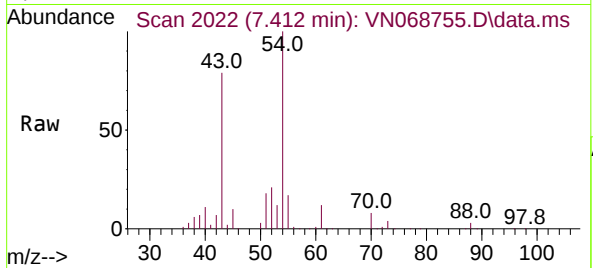
#37
Ethyl Acetate
Concen: 49.880 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 43 Resp: 320332
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 9.6 8.1 12.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

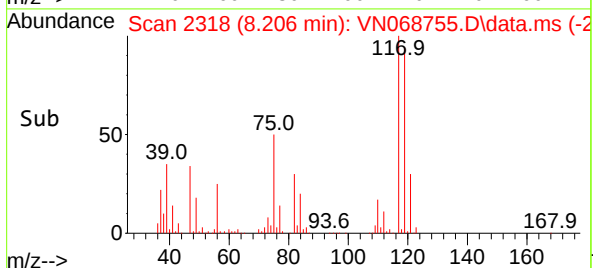
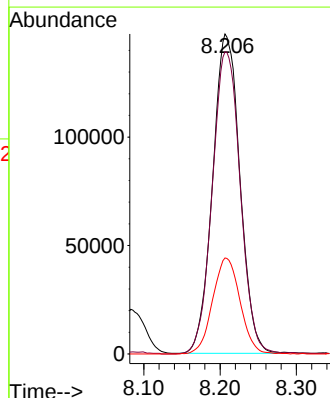
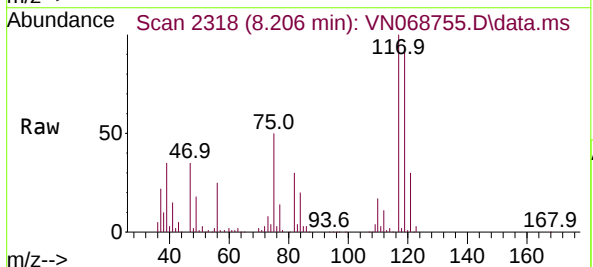
Manual Integrations
APPROVED

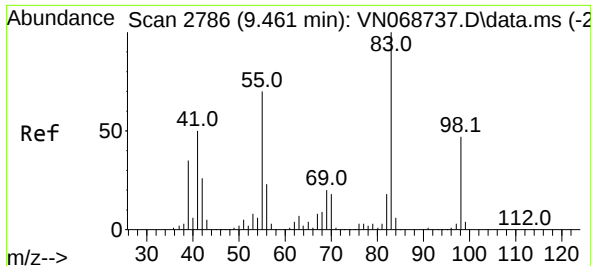
MMDadoda
9/30/2021 6:18:25 PM



#38
Carbon Tetrachloride
Concen: 45.493 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 117 Resp: 365753
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.2
121 30.0 23.5 35.3





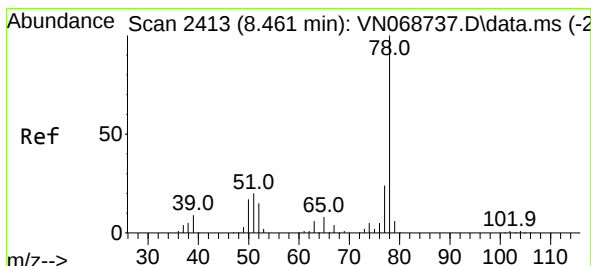
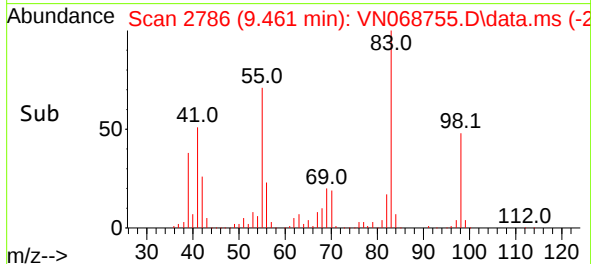
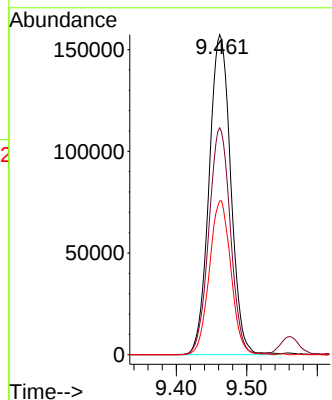
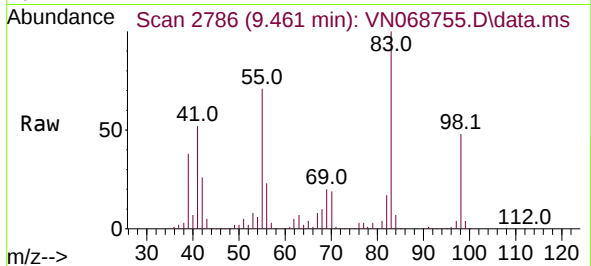
#39
Methylcyclohexane
Concen: 42.791 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 335670
Ion Ratio Lower Upper
83 100
55 70.8 66.6 99.8
98 48.0 35.3 52.9

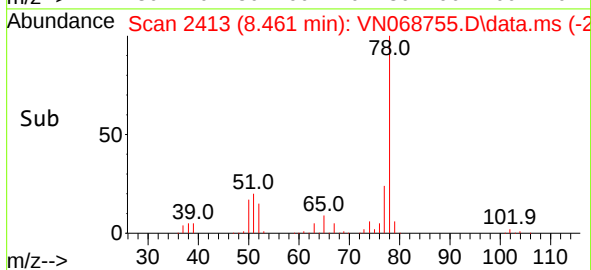
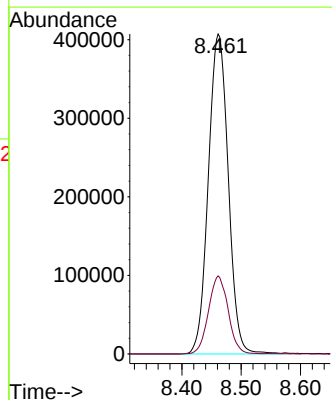
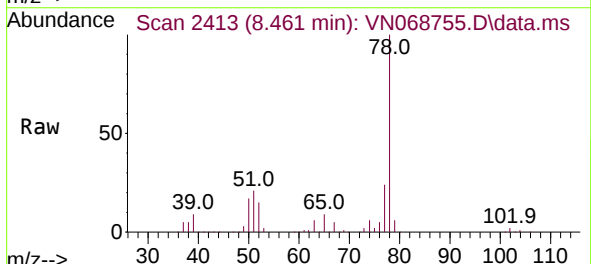
Manual Integrations
APPROVED

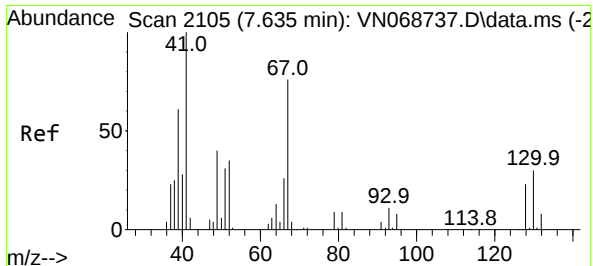
MMDadoda
9/30/2021 6:18:25 PM



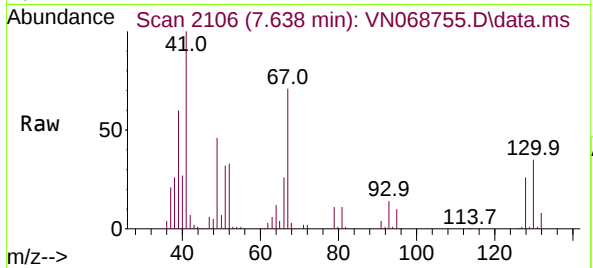
#40
Benzene
Concen: 46.053 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 78 Resp: 948931
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3

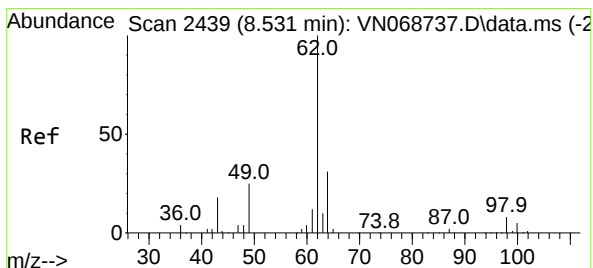
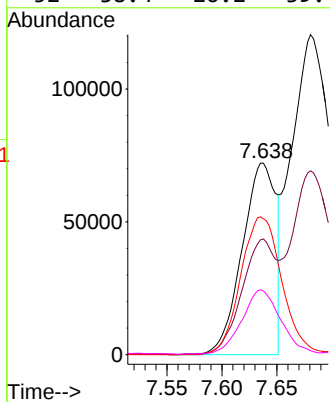
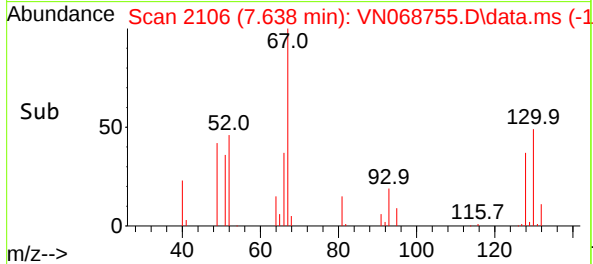




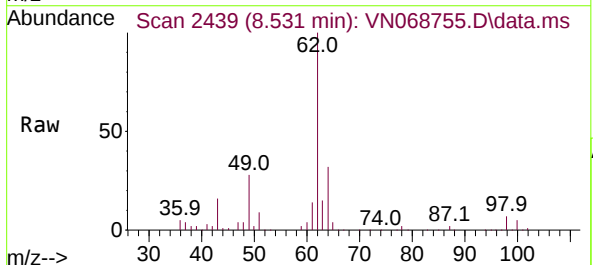
#41
Methacrylonitrile
Concen: 50.320 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



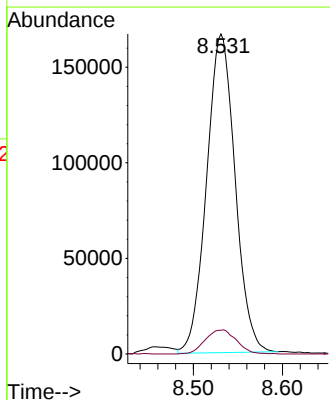
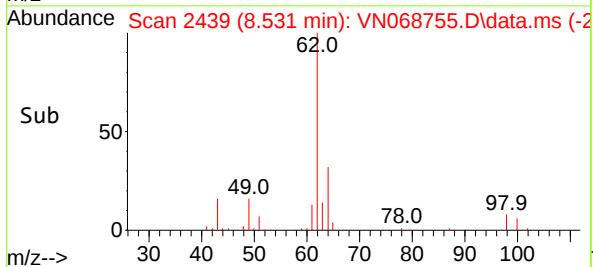
Tgt Ion:	41	Resp:	153653
Ion Ratio	Lower	Upper	
41	100		
39	59.9	47.6	71.4
67	88.5	57.7	86.5#
52	38.4	26.2	39.4



#42
1,2-Dichloroethane
Concen: 45.863 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



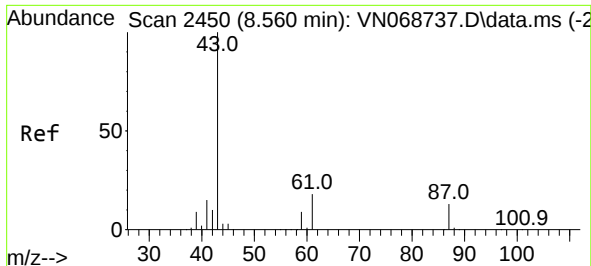
Tgt Ion:	62	Resp:	371018
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	14.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



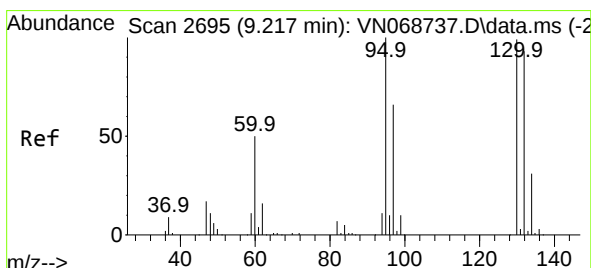
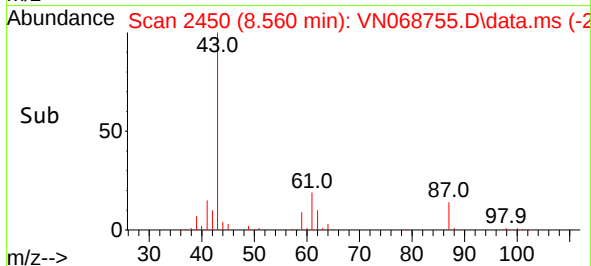
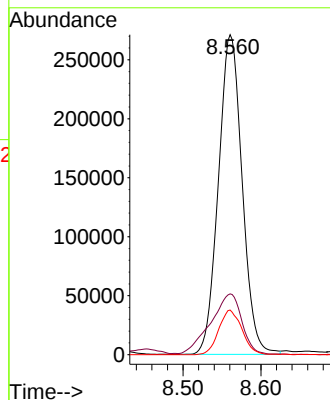
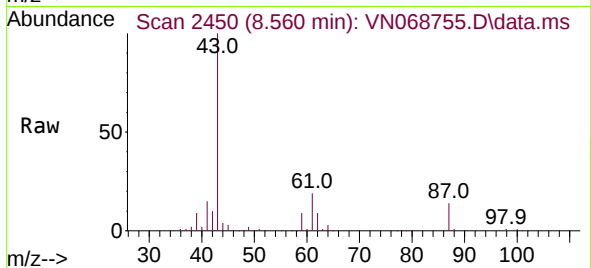
#43
Isopropyl Acetate
Concen: 48.528 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 43 Resp: 573328
Ion Ratio Lower Upper
43 100
61 24.7 19.0 28.4
87 13.7 9.5 14.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

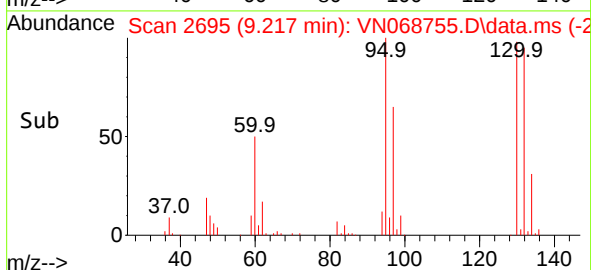
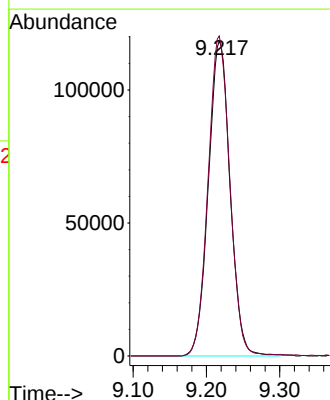
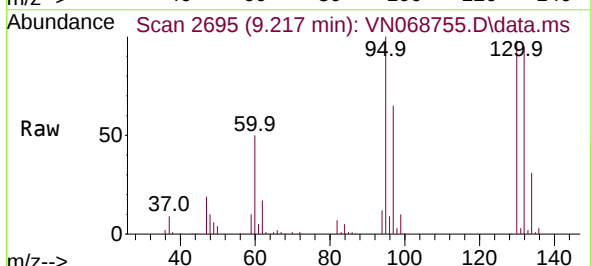
Manual Integrations
APPROVED

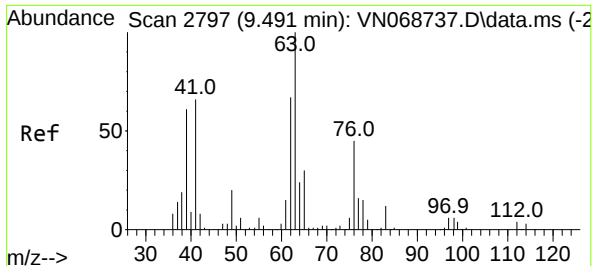
MMDadoda
9/30/2021 6:18:25 PM



#44
Trichloroethene
Concen: 44.278 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion:130 Resp: 243565
Ion Ratio Lower Upper
130 100
95 101.6 0.0 234.4





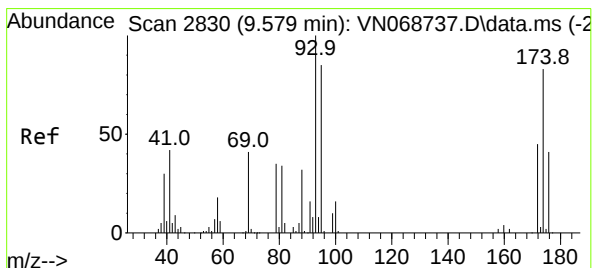
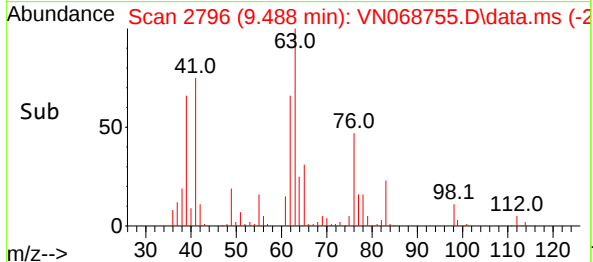
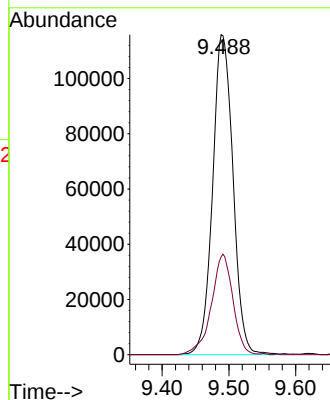
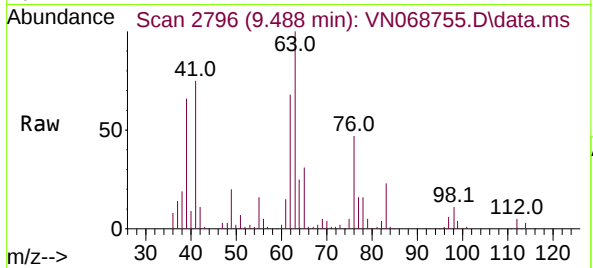
#45
1,2-Dichloropropane
Concen: 46.273 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 63 Resp: 246019
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

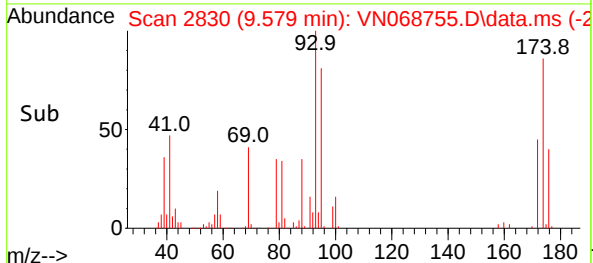
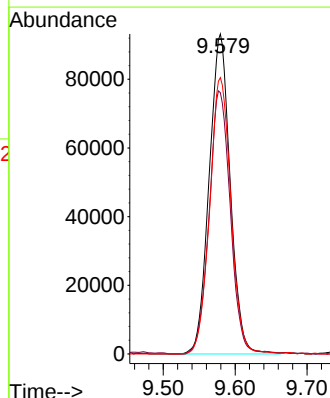
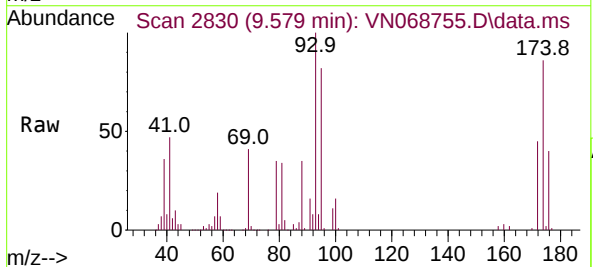
Manual Integrations
APPROVED

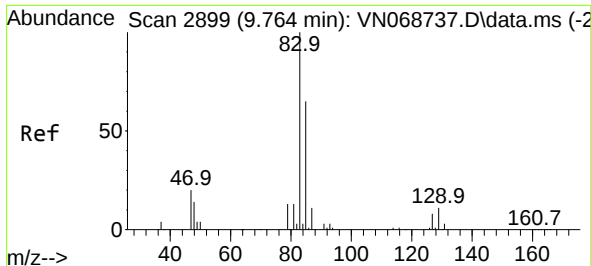
MMDadoda
9/30/2021 6:18:25 PM



#46
Dibromomethane
Concen: 46.486 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

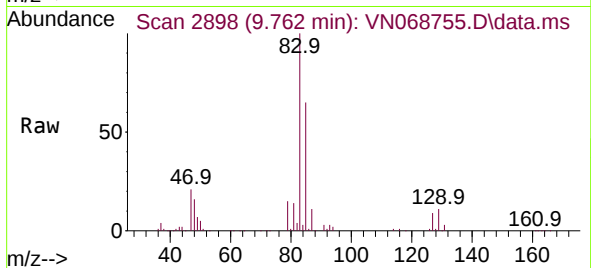
Tgt Ion: 93 Resp: 189605
Ion Ratio Lower Upper
93 100
95 82.5 66.1 99.1
174 86.7 61.0 91.4





#47
Bromodichloromethane
Concen: 47.505 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.002 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

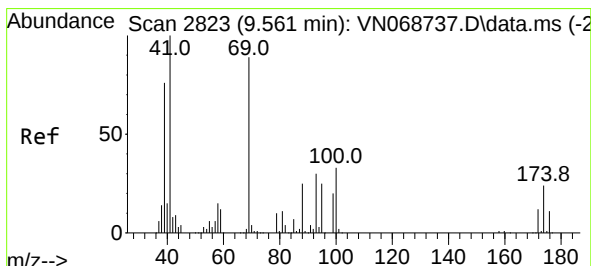
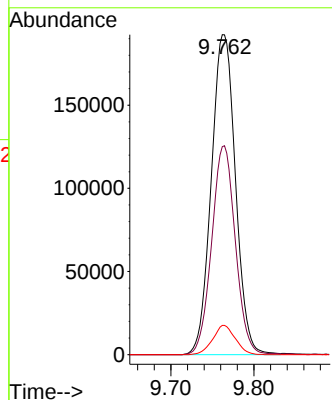
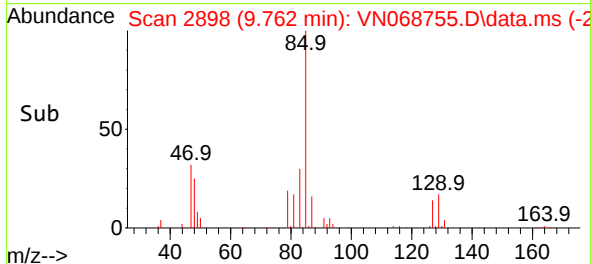
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



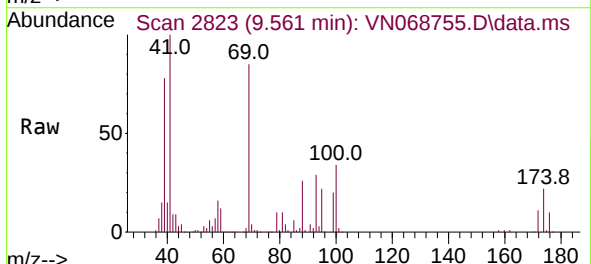
Tgt Ion: 83 Resp: 389636
Ion Ratio Lower Upper
83 100
85 65.0 49.9 74.9
127 9.2 6.1 9.1#

Manual Integrations
APPROVED

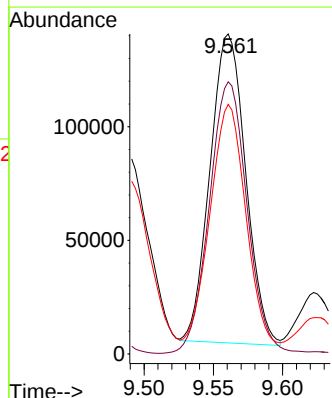
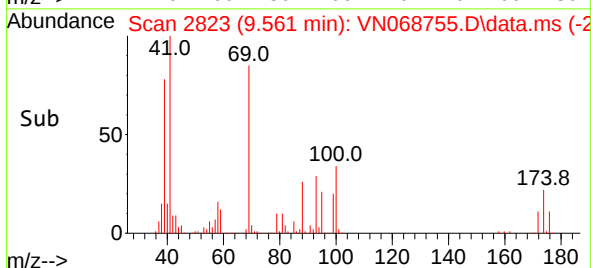
MMDadoda
9/30/2021 6:18:25 PM

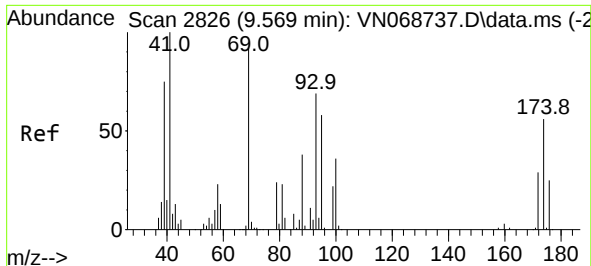


#48
Methyl methacrylate
Concen: 49.089 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



Tgt Ion: 41 Resp: 243449
Ion Ratio Lower Upper
41 100
69 93.2 64.6 96.8
39 83.6 53.3 79.9#





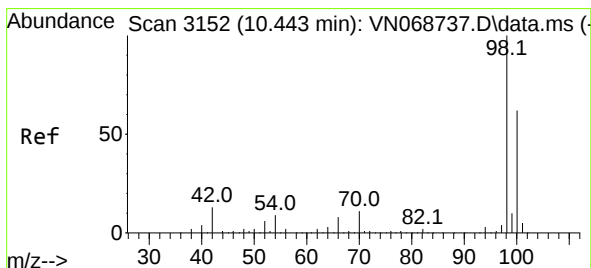
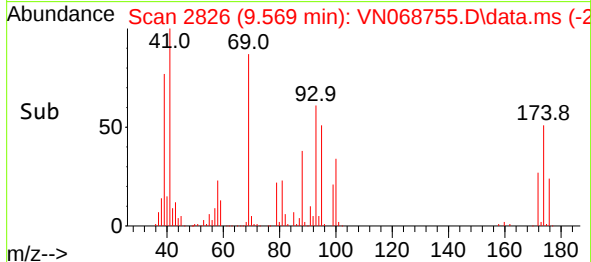
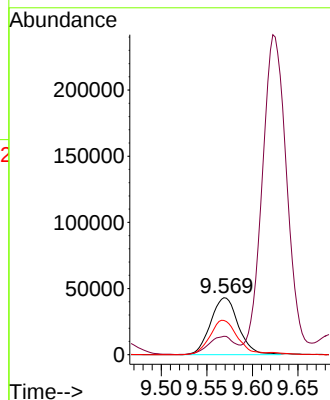
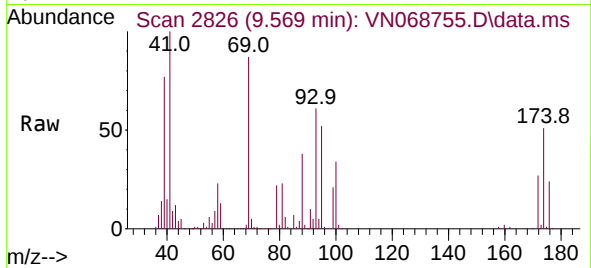
#49
1,4-Dioxane
Concen: 1138.042 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 88 Resp: 91175
Ion Ratio Lower Upper
88 100
43 30.2 28.8 43.2
58 59.8 60.4 90.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

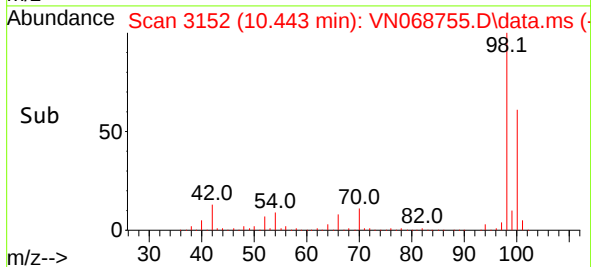
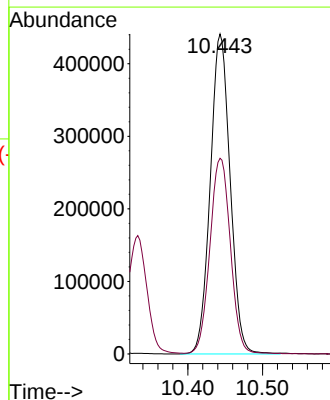
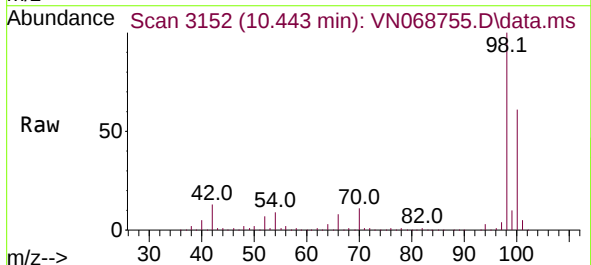
Manual Integrations
APPROVED

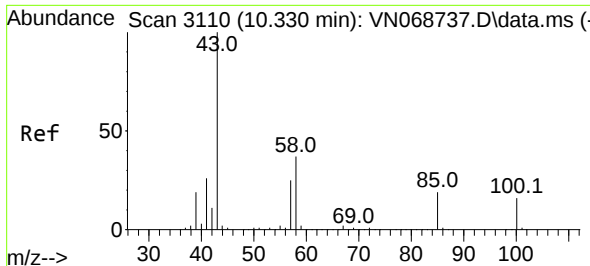
MMDadoda
9/30/2021 6:18:25 PM



#50
Toluene-d8
Concen: 49.825 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 98 Resp: 814051
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5





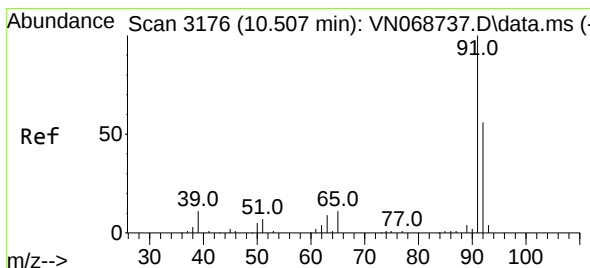
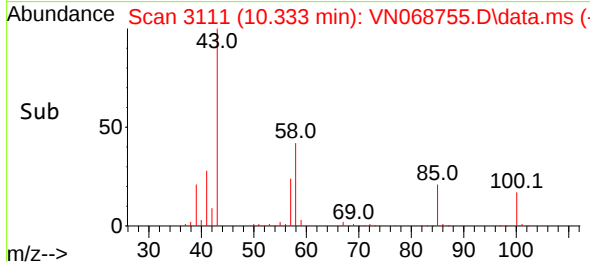
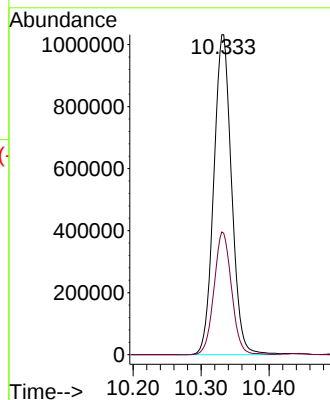
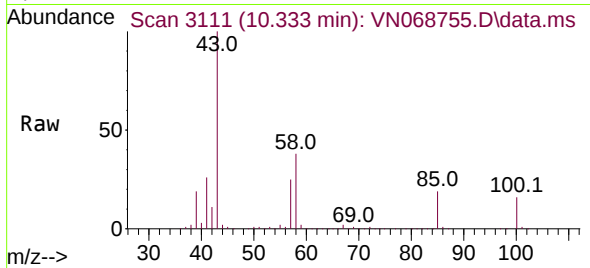
#51
4-Methyl-2-Pentanone
Concen: 262.719 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 43 Resp: 1876676
Ion Ratio Lower Upper
43 100
58 37.8 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

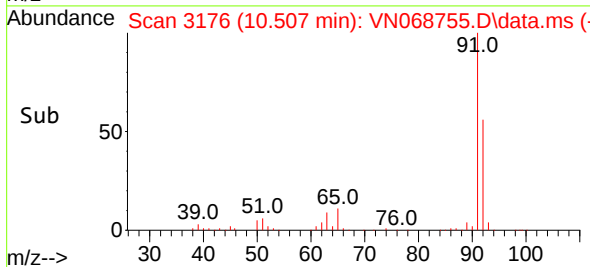
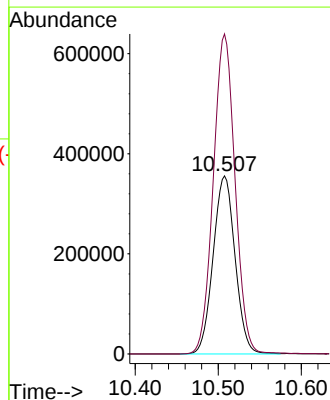
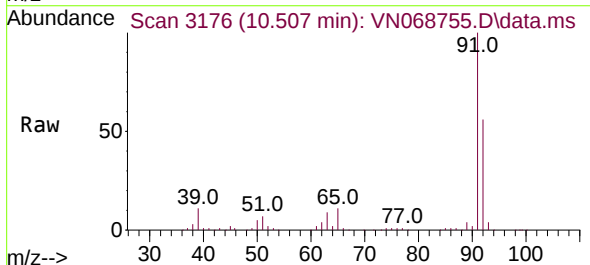
Manual Integrations
APPROVED

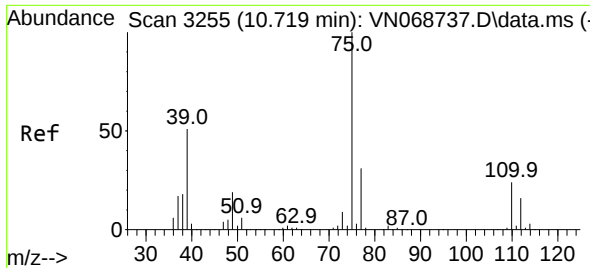
MMDadoda
9/30/2021 6:18:25 PM



#52
Toluene
Concen: 47.572 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 92 Resp: 653104
Ion Ratio Lower Upper
92 100
91 178.5 139.6 209.4





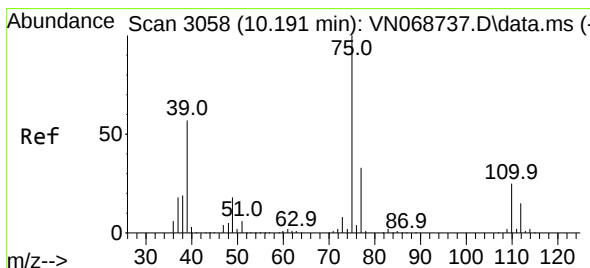
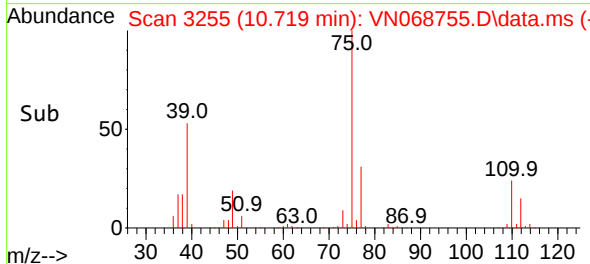
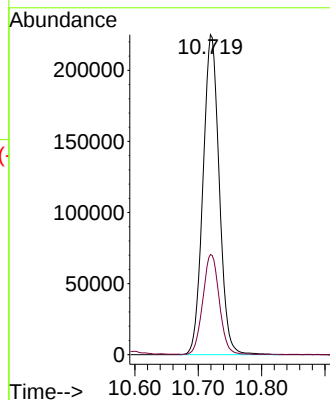
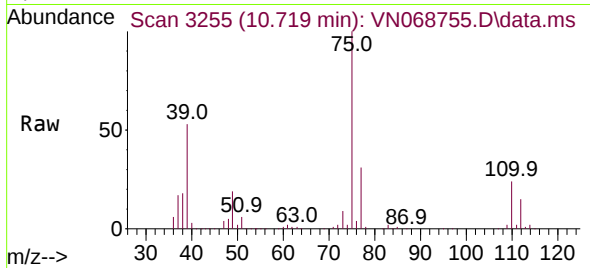
#53
 t-1,3-Dichloropropene
 Concen: 48.250 ug/l
 RT: 10.719 min Scan# 3255
 Delta R.T. 0.000 min
 Lab File: VN068755.D
 Acq: 29 Sep 2021 22:02

Tgt Ion: 75 Resp: 400619
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.1 37.7

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

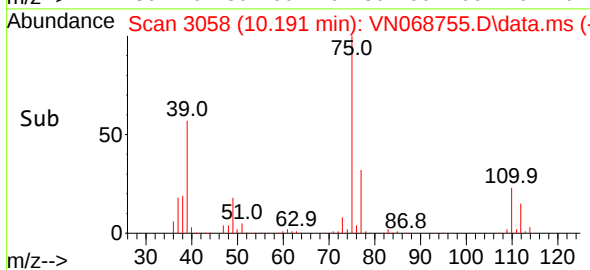
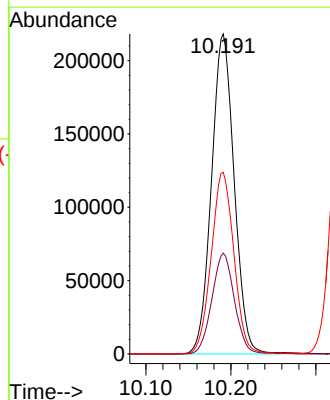
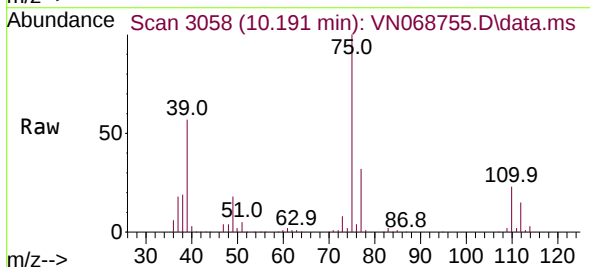
Manual Integrations
 APPROVED

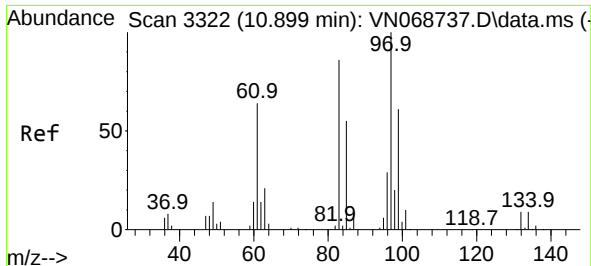
MMDadoda
 9/30/2021 6:18:25 PM



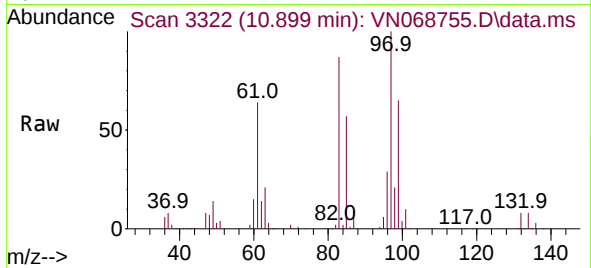
#54
 cis-1,3-Dichloropropene
 Concen: 46.298 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN068755.D
 Acq: 29 Sep 2021 22:02

Tgt Ion: 75 Resp: 404482
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 56.6 50.7 76.1



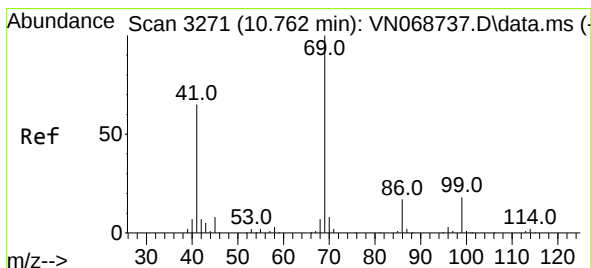
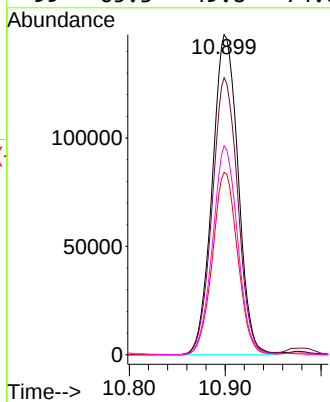
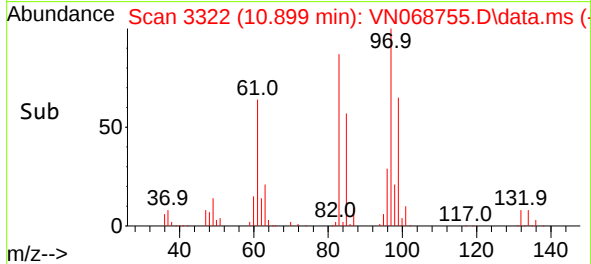


#55
1,1,2-Trichloroethane
Concen: 47.330 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

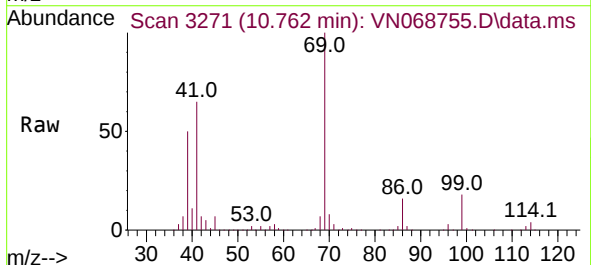


Tgt Ion: 97 Resp: 276272

Ion	Ratio	Lower	Upper
97	100		
83	86.6	72.0	108.0
85	56.9	46.8	70.2
99	65.3	49.8	74.6

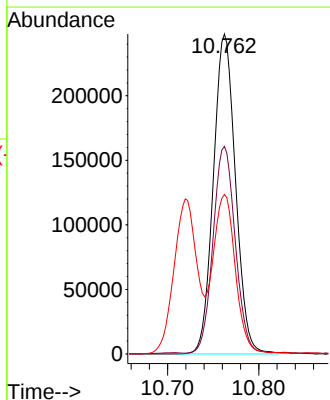
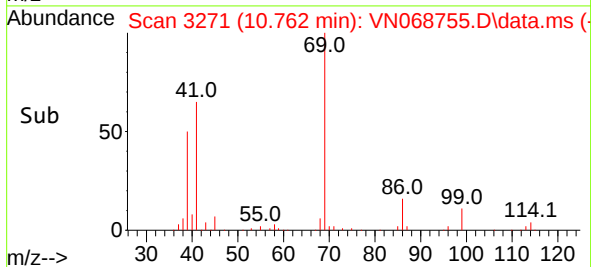


#56
Ethyl methacrylate
Concen: 46.297 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



Tgt Ion: 69 Resp: 417943

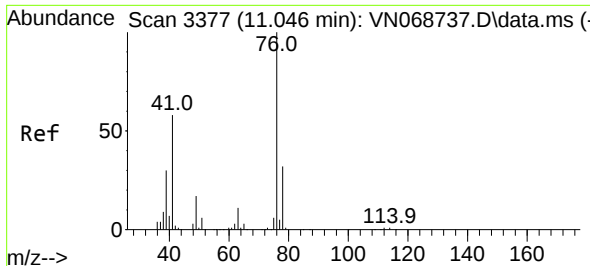
Ion	Ratio	Lower	Upper
69	100		
41	64.8	58.6	88.0
39	49.8	38.3	57.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



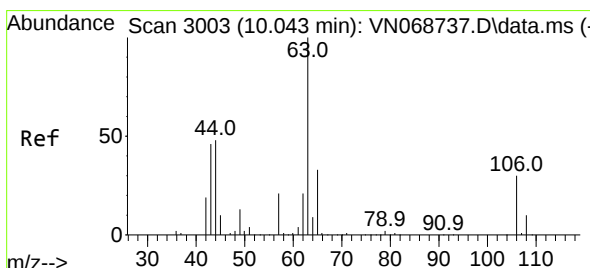
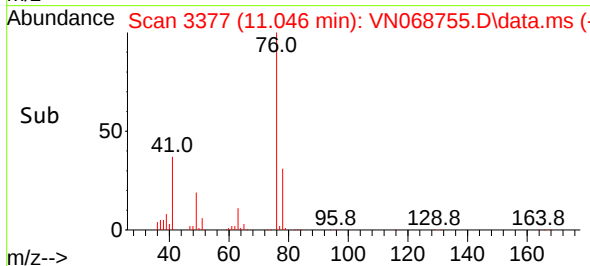
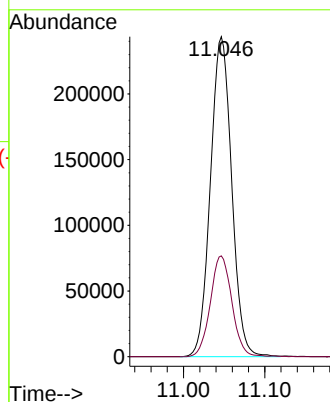
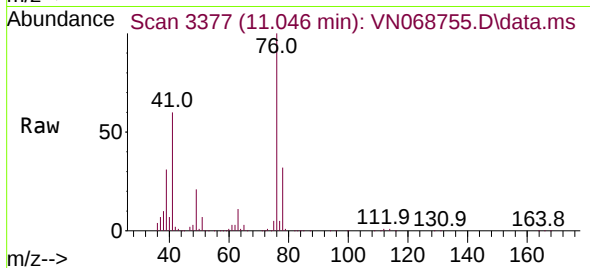
#57
1,3-Dichloropropane
Concen: 48.383 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 76 Resp: 442249
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

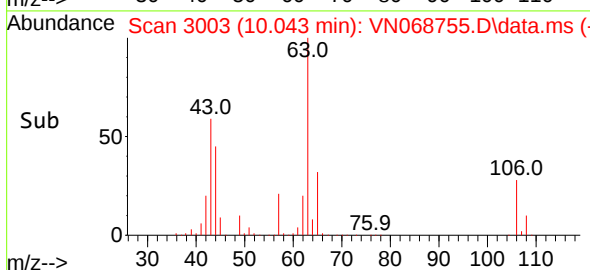
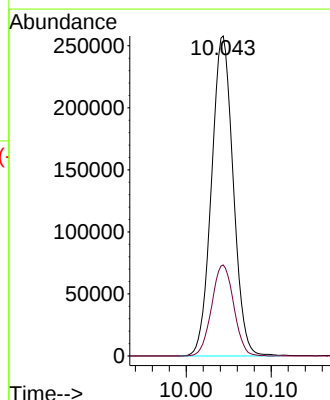
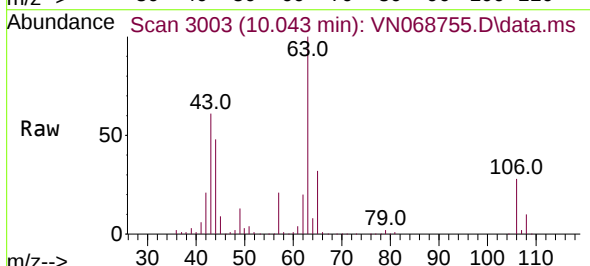
Manual Integrations
APPROVED

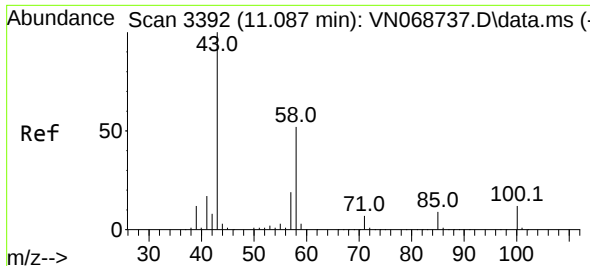
MMDadoda
9/30/2021 6:18:25 PM



#58
2-Chloroethyl Vinyl ether
Concen: 248.165 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 63 Resp: 457280
Ion Ratio Lower Upper
63 100
106 28.9 19.8 29.8





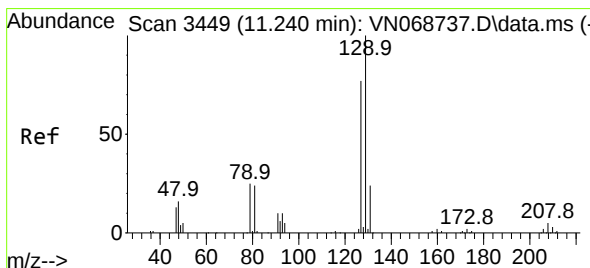
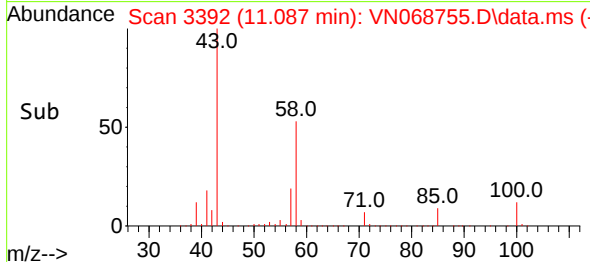
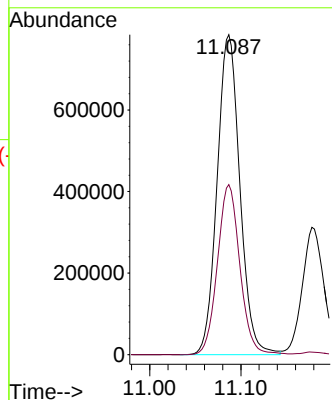
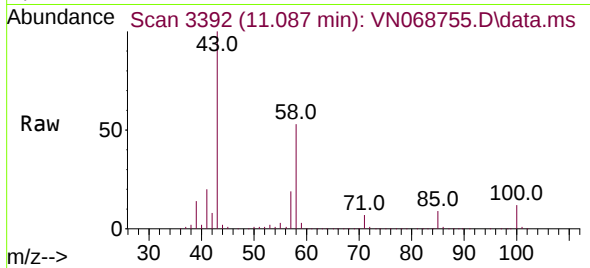
#59
2-Hexanone
Concen: 276.486 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 43 Resp: 1360773
Ion Ratio Lower Upper
43 100
58 52.4 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

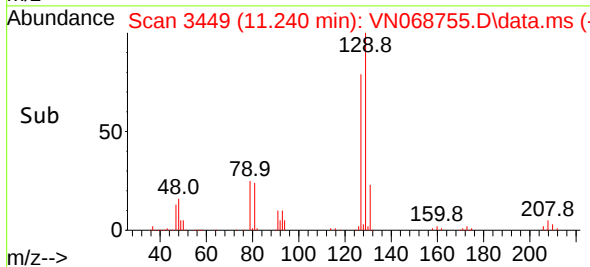
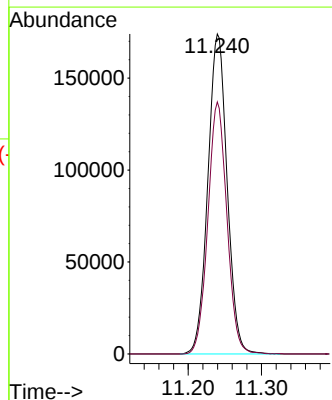
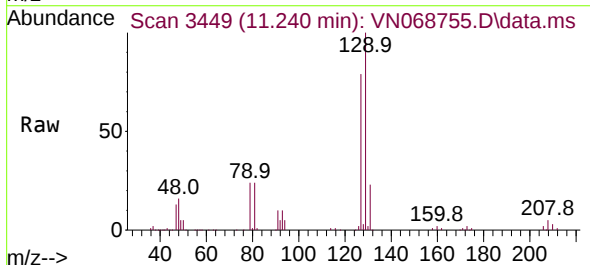
Manual Integrations
APPROVED

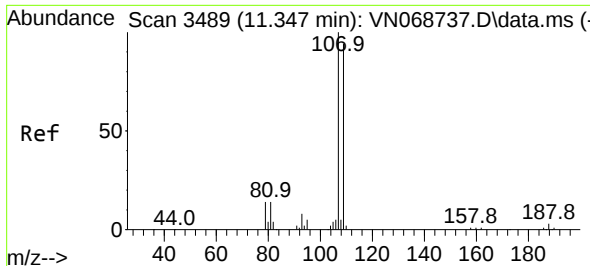
MMDadoda
9/30/2021 6:18:25 PM



#60
Dibromochloromethane
Concen: 51.710 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

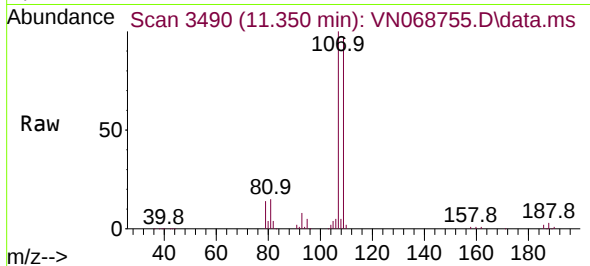
Tgt Ion:129 Resp: 318377
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 49.567 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

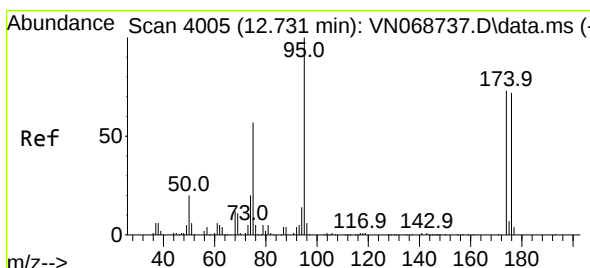
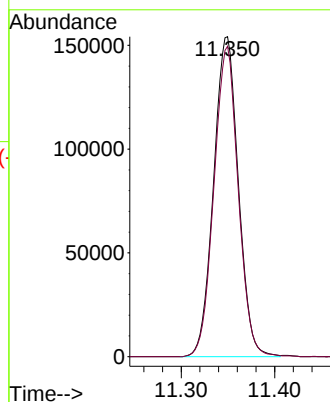
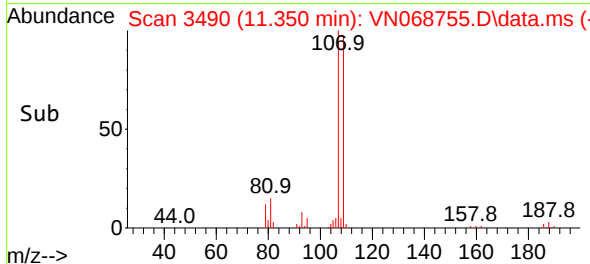
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



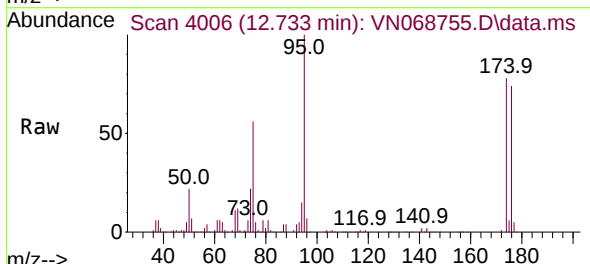
Tgt Ion:107 Resp: 283782
Ion Ratio Lower Upper
107 100
109 95.2 75.0 112.4

Manual Integrations
APPROVED

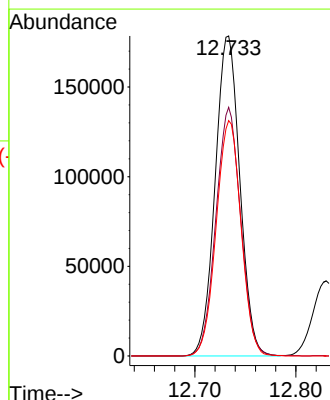
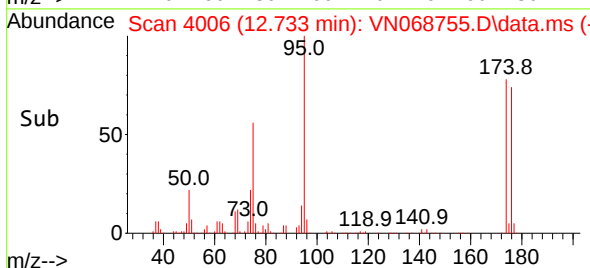
MMDadoda
9/30/2021 6:18:25 PM

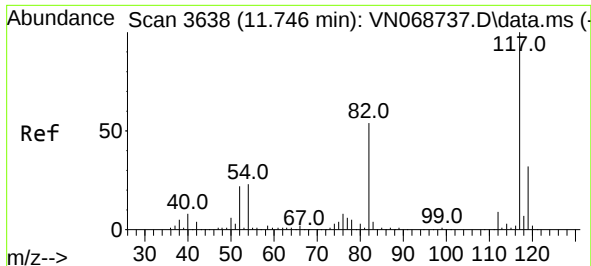


#62
4-Bromofluorobenzene
Concen: 53.299 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



Tgt Ion: 95 Resp: 302590
Ion Ratio Lower Upper
95 100
174 77.9 0.0 122.0
176 74.0 0.0 117.6





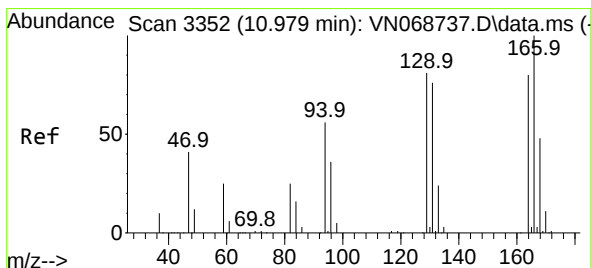
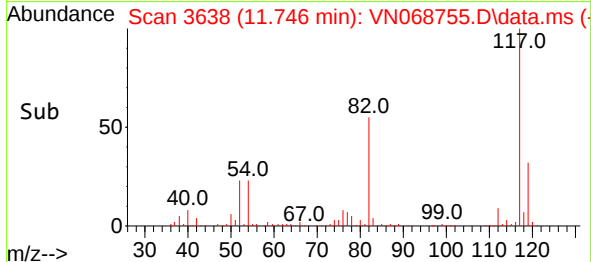
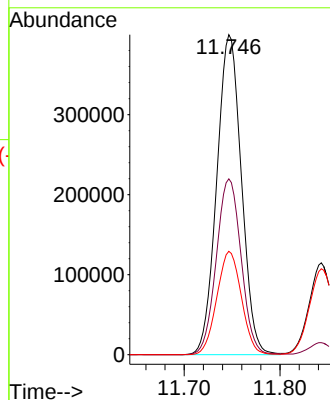
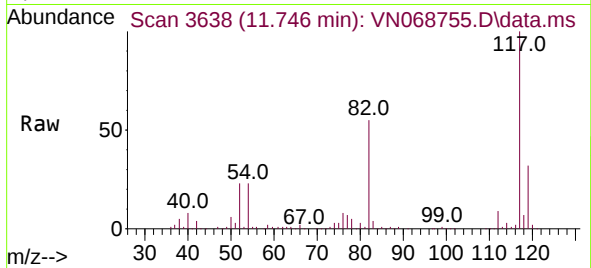
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion:117 Resp: 713778
Ion Ratio Lower Upper
117 100
82 55.0 53.1 79.7
119 32.3 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

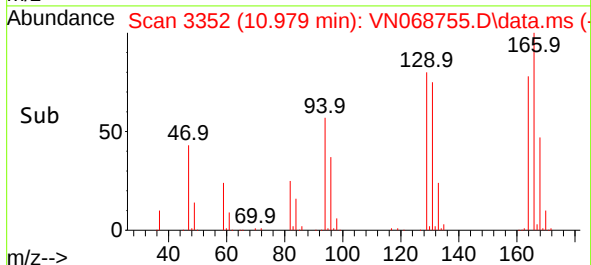
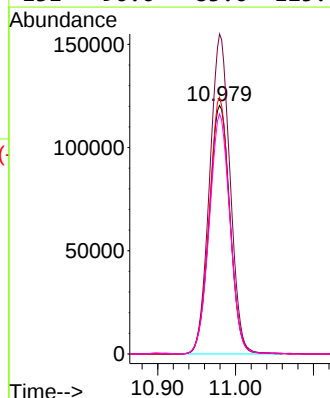
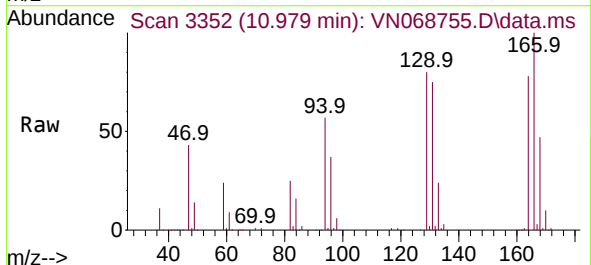
Manual Integrations
APPROVED

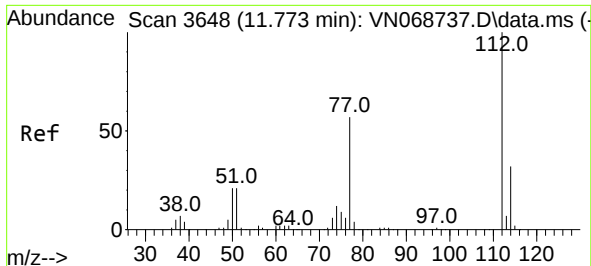
MMDadoda
9/30/2021 6:18:25 PM



#64
Tetrachloroethene
Concen: 41.962 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

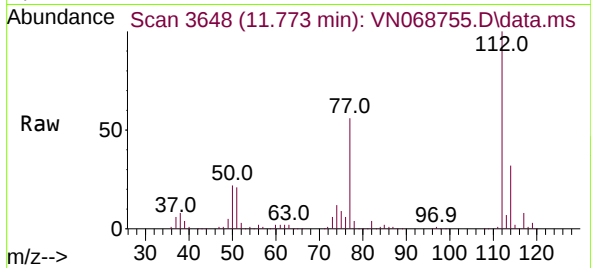
Tgt Ion:164 Resp: 223573
Ion Ratio Lower Upper
164 100
166 128.8 102.1 153.1
129 103.3 86.9 130.3
131 96.6 83.6 125.4





#65
Chlorobenzene
Concen: 45.338 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

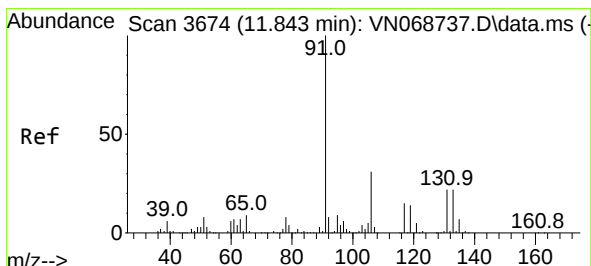
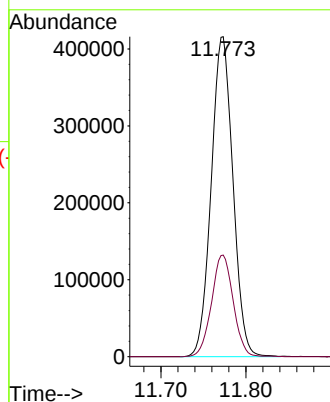
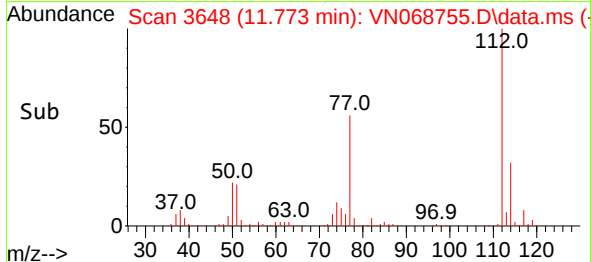
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



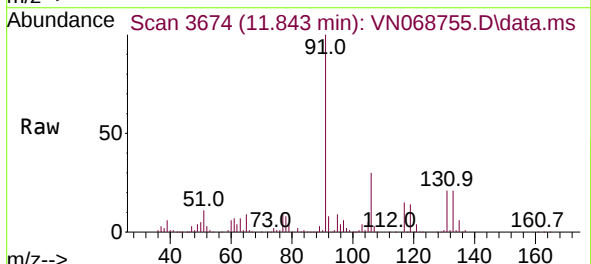
Tgt Ion:112 Resp: 737748
Ion Ratio Lower Upper
112 100
114 31.7 24.6 37.0

Manual Integrations
APPROVED

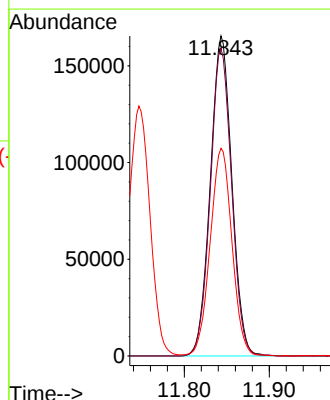
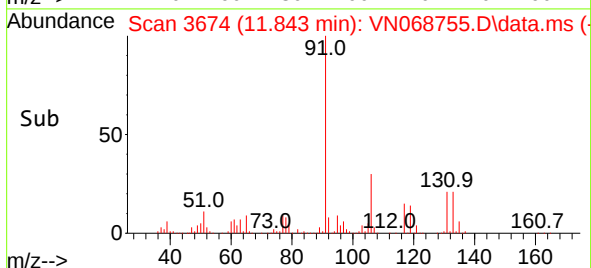
MMDadoda
9/30/2021 6:18:25 PM

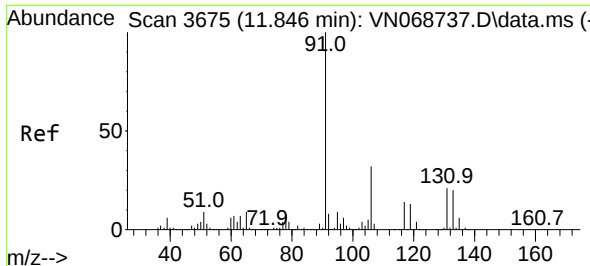


#66
1,1,1,2-Tetrachloroethane
Concen: 46.341 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



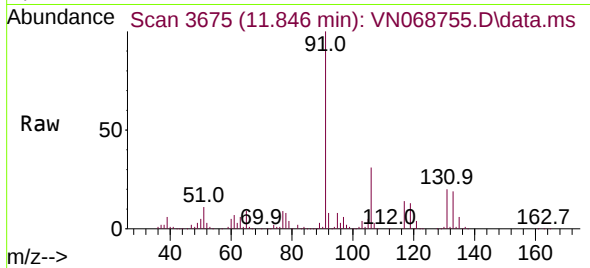
Tgt Ion:131 Resp: 291405
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 65.8 33.1 99.3





#67
Ethyl Benzene
Concen: 47.331 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

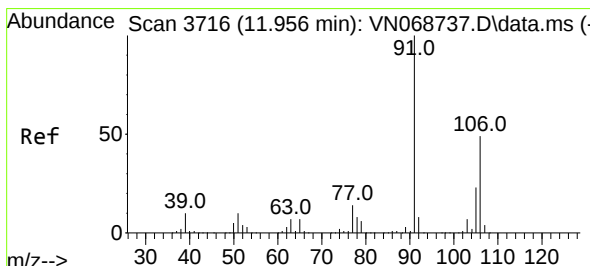
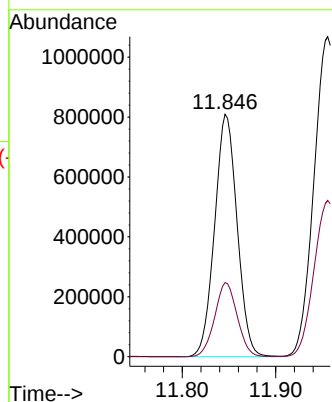
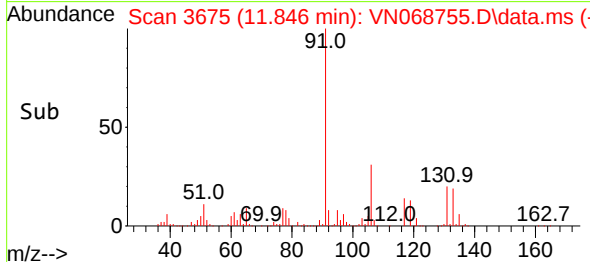
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



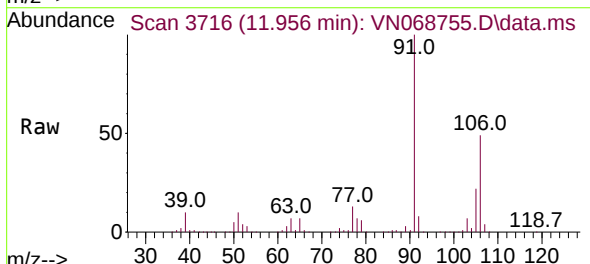
Tgt Ion: 91 Resp: 1355516
Ion Ratio Lower Upper
91 100
106 30.6 23.4 35.0

Manual Integrations
APPROVED

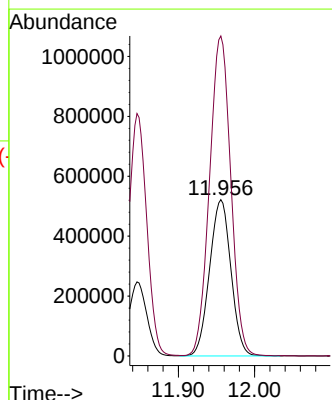
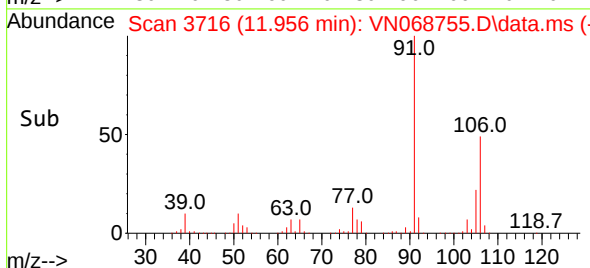
MMDadoda
9/30/2021 6:18:25 PM

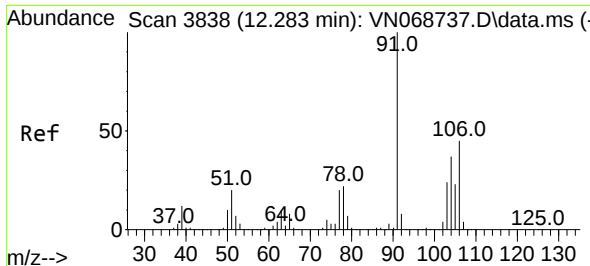


#68
m/p-Xylenes
Concen: 95.420 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



Tgt Ion:106 Resp: 1012769
Ion Ratio Lower Upper
106 100
91 204.1 180.6 270.8





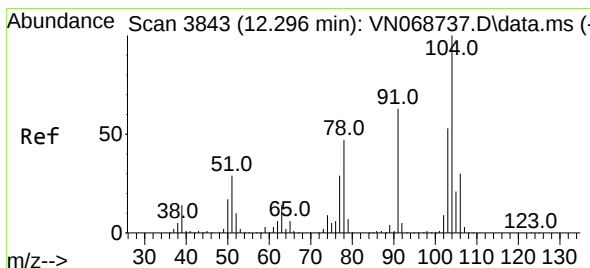
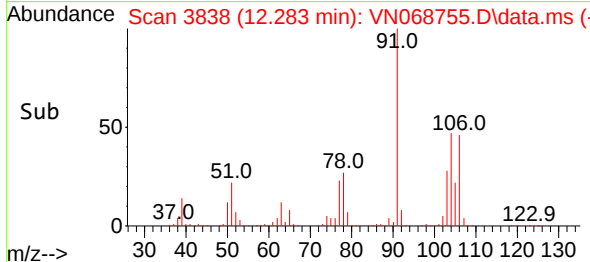
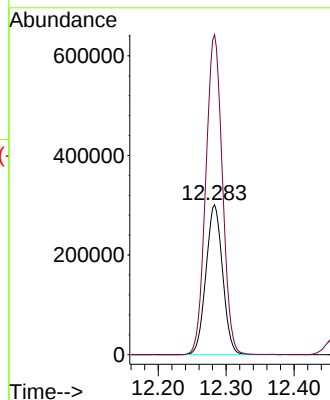
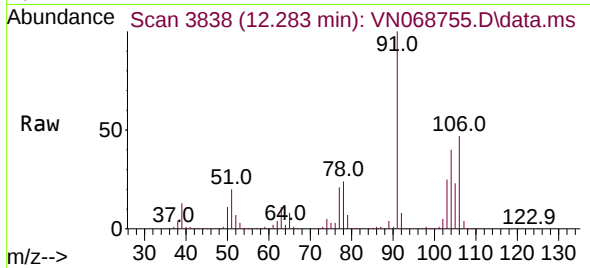
#69
o-Xylene
Concen: 48.858 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion:106 Resp: 512339
Ion Ratio Lower Upper
106 100
91 213.3 118.3 354.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

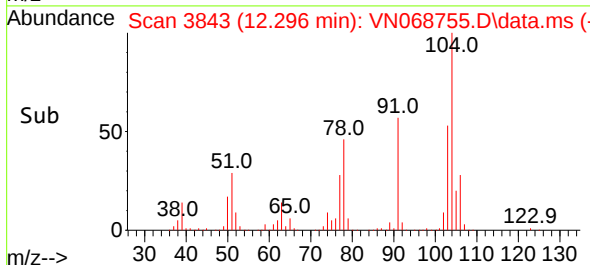
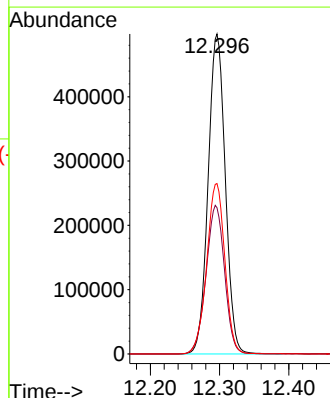
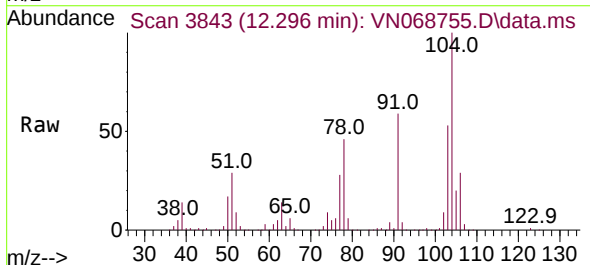
Manual Integrations
APPROVED

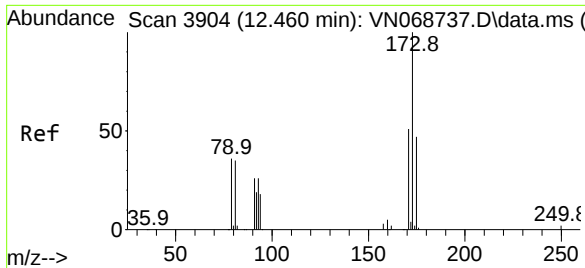
MMDadoda
9/30/2021 6:18:25 PM



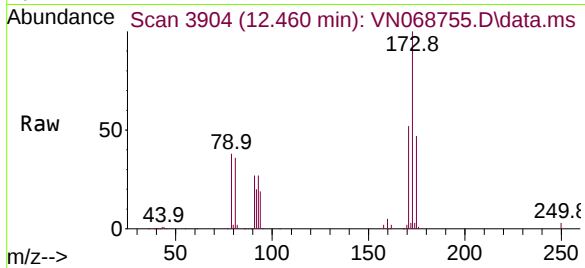
#70
Styrene
Concen: 51.417 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion:104 Resp: 857355
Ion Ratio Lower Upper
104 100
78 50.1 48.2 72.2
103 56.3 44.5 66.7

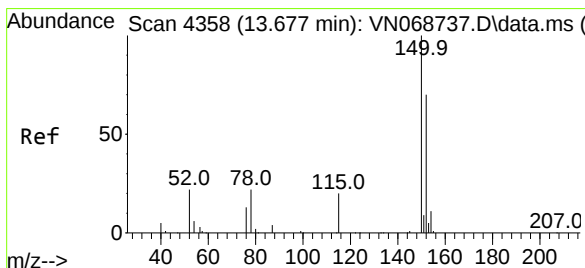
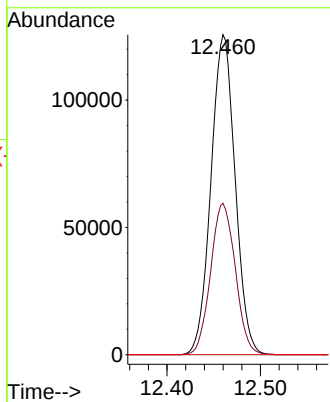
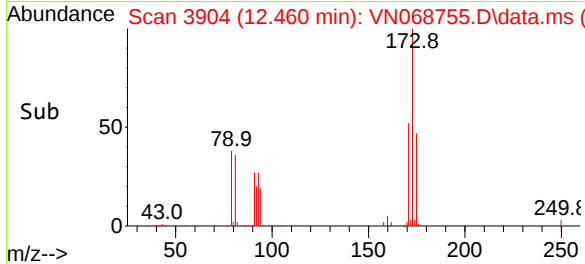




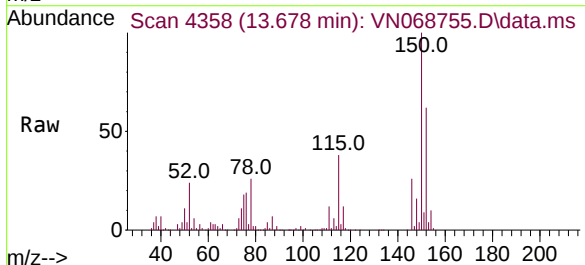
#71
Bromoform
Concen: 50.855 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



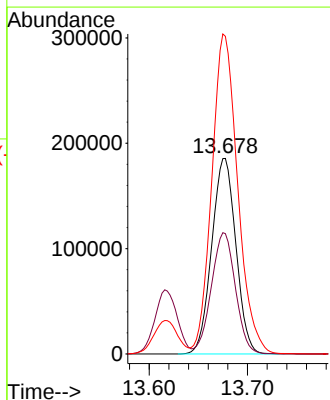
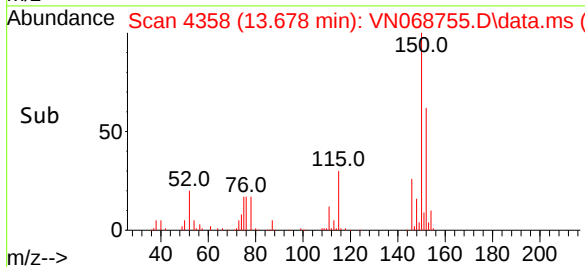
Tgt Ion:173 Resp: 225754
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



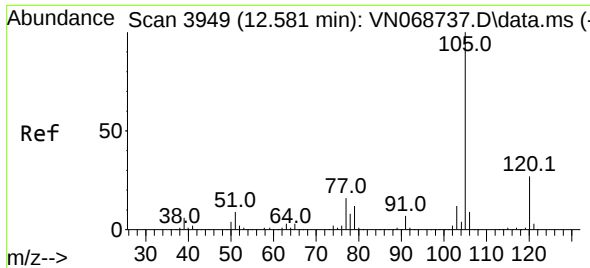
Tgt Ion:152 Resp: 316564
Ion Ratio Lower Upper
152 100
115 61.9 36.1 108.5
150 175.8 0.0 351.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

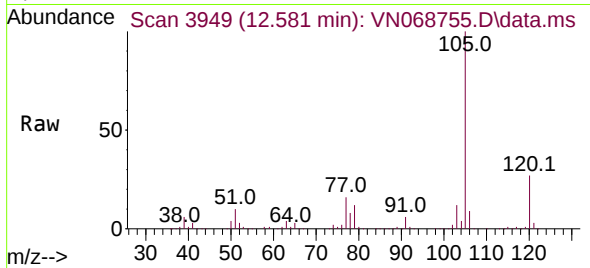
Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



#73
Isopropylbenzene
Concen: 48.024 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

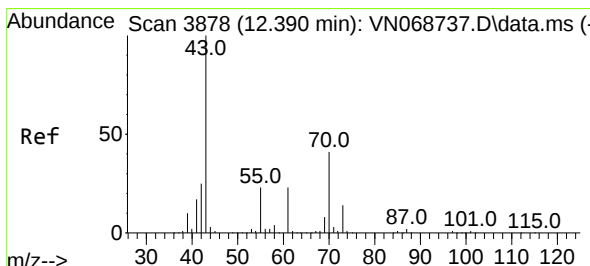
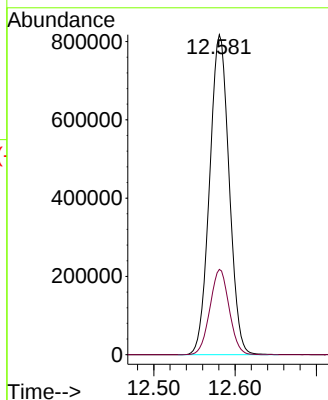
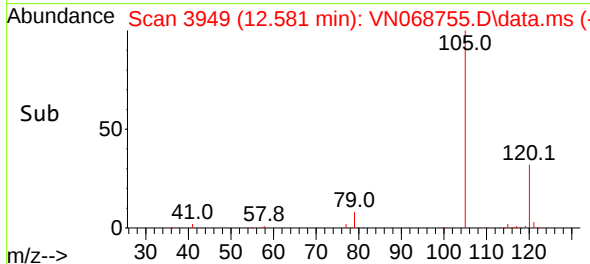
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



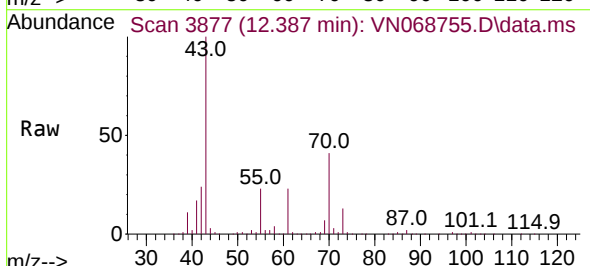
Tgt Ion:105 Resp: 1360495
Ion Ratio Lower Upper
105 100
120 26.3 12.5 37.5

Manual Integrations
APPROVED

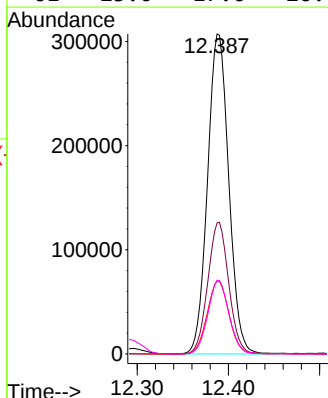
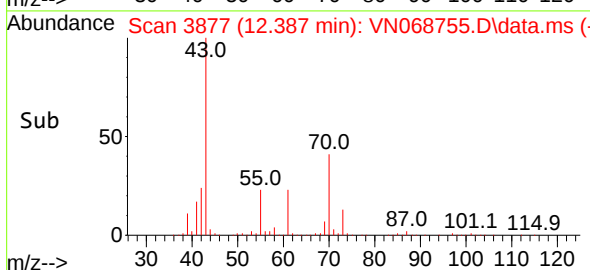
MMDadoda
9/30/2021 6:18:25 PM

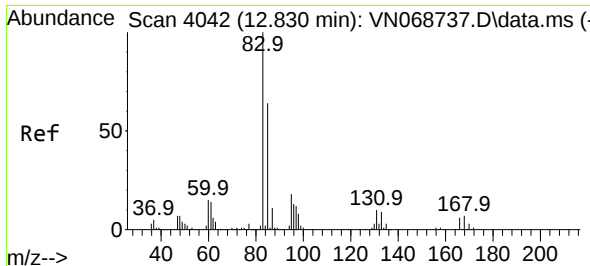


#74
N-ethyl acetate
Concen: 54.555 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



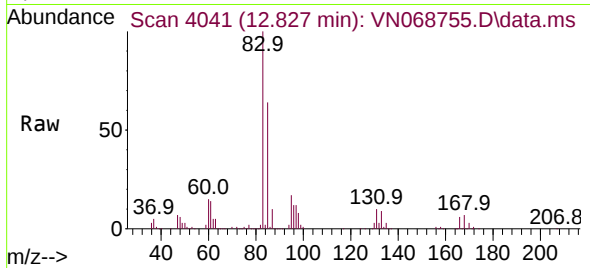
Tgt Ion: 43 Resp: 496864
Ion Ratio Lower Upper
43 100
70 40.5 29.4 44.2
55 23.4 17.0 25.4
61 23.0 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 48.867 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

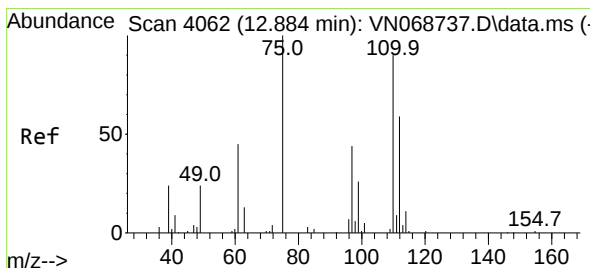
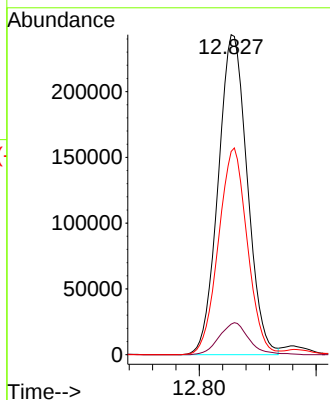
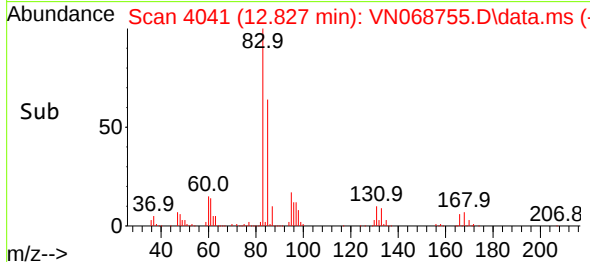
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



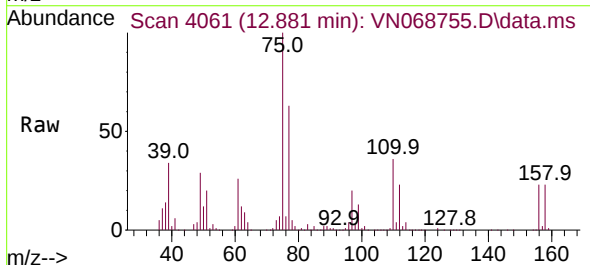
Tgt Ion: 83 Resp: 420588
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 64.2 32.2 96.6

Manual Integrations
APPROVED

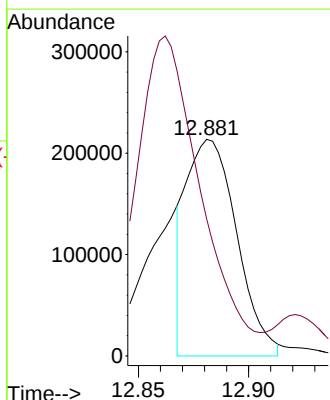
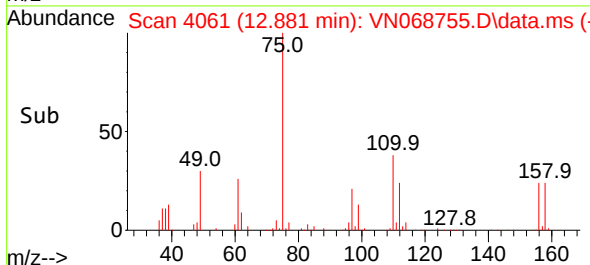
MMDadoda
9/30/2021 6:18:25 PM

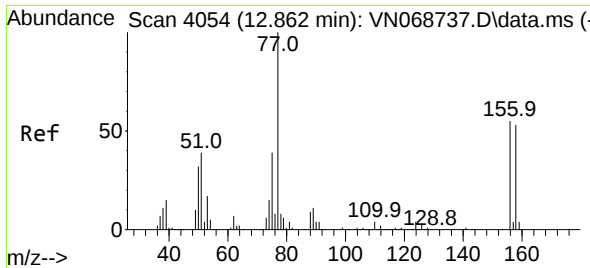


#76
1,2,3-Trichloropropane
Concen: 48.355 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

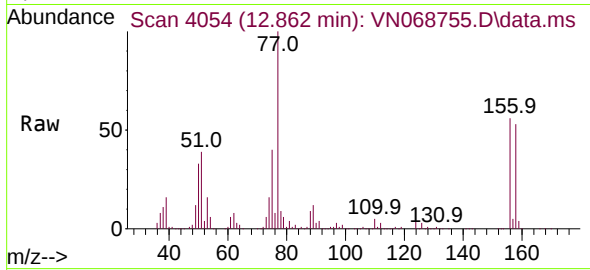


Tgt Ion: 75 Resp: 340420
Ion Ratio Lower Upper
75 100
77 189.3 0.0 0.0#

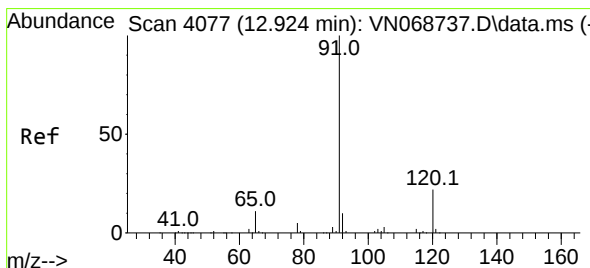
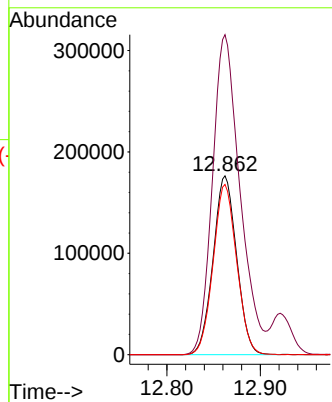
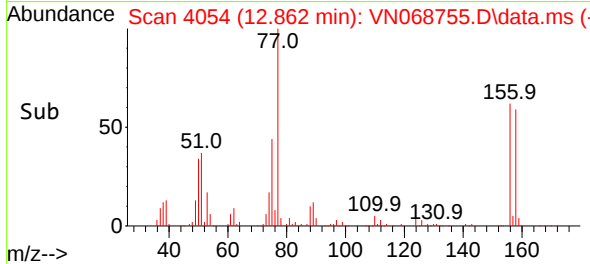




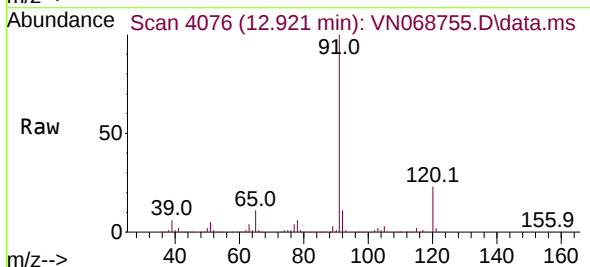
#77
Bromobenzene
Concen: 48.126 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



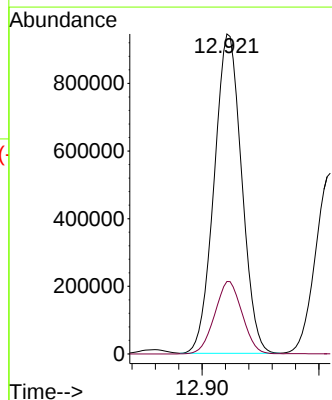
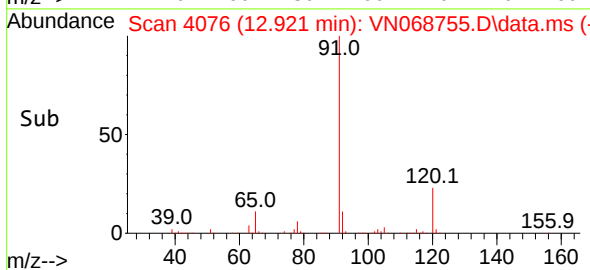
Tgt Ion:156 Resp: 308426
Ion Ratio Lower Upper
156 100
77 208.9 136.2 408.6
158 95.3 48.4 145.3



#78
n-propylbenzene
Concen: 48.154 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



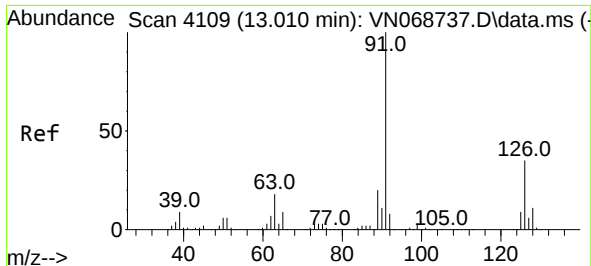
Tgt Ion: 91 Resp: 1541965
Ion Ratio Lower Upper
91 100
120 22.7 10.4 31.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



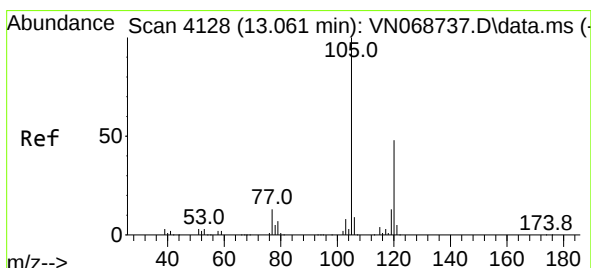
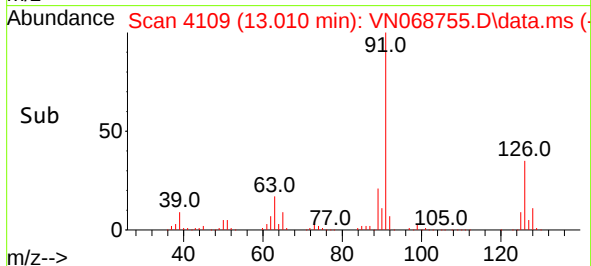
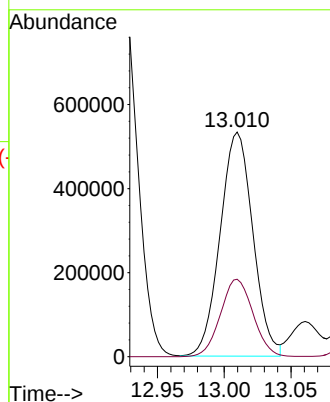
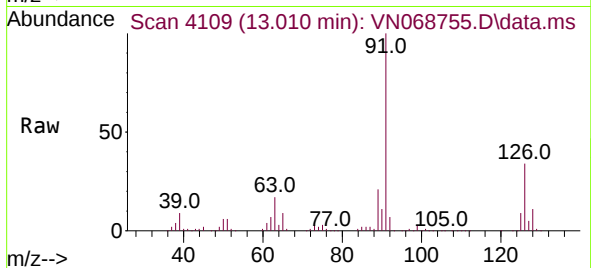
#79
2-Chlorotoluene
Concen: 49.182 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion: 91 Resp: 909695
Ion Ratio Lower Upper
91 100
126 34.4 14.5 43.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

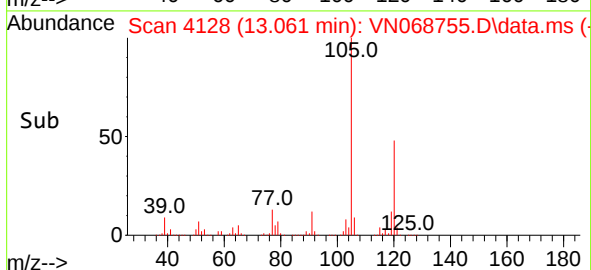
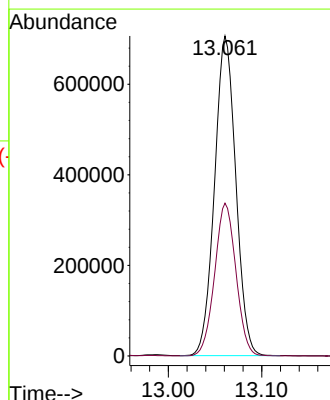
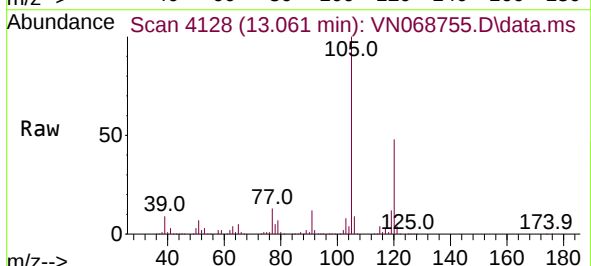
Manual Integrations
APPROVED

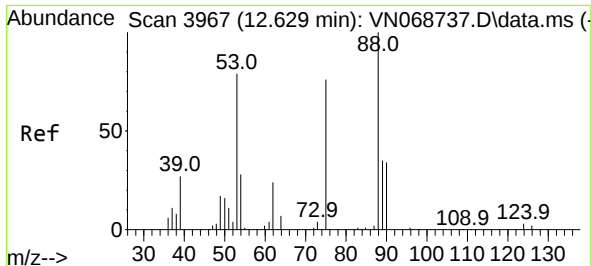
MMDadoda
9/30/2021 6:18:25 PM



#80
1,3,5-Trimethylbenzene
Concen: 49.640 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

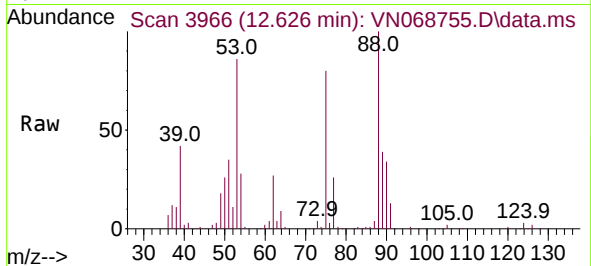
Tgt Ion: 105 Resp: 1116703
Ion Ratio Lower Upper
105 100
120 47.8 22.2 66.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.899 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

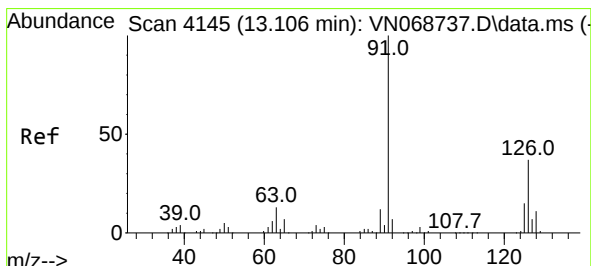
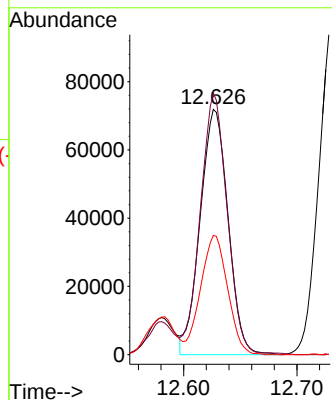
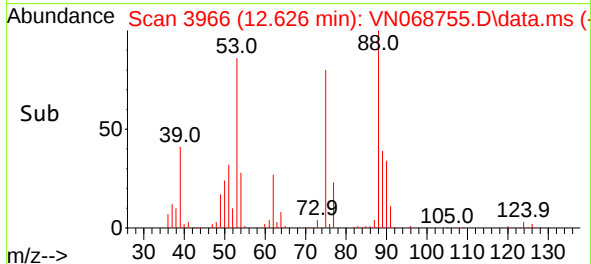
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



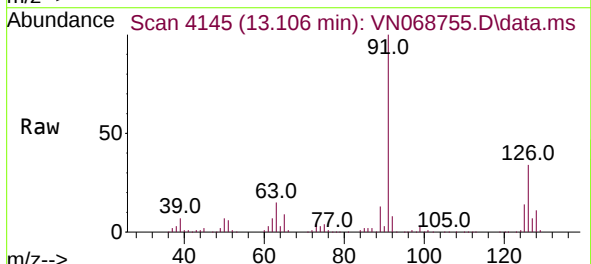
Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.6	87.6	131.4
89	47.2	37.8	56.8

Manual Integrations
APPROVED

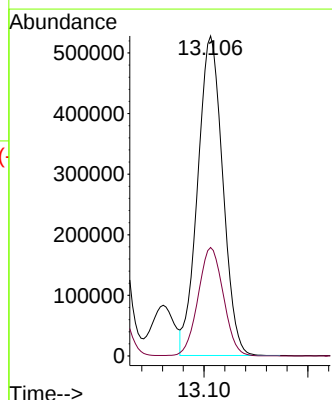
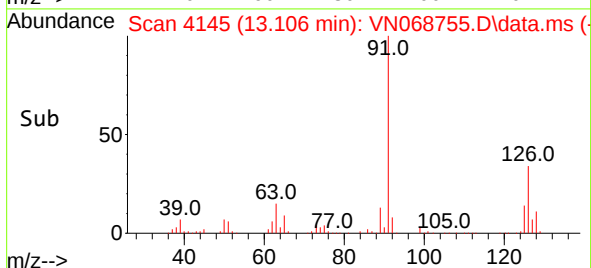
MMDadoda
9/30/2021 6:18:25 PM

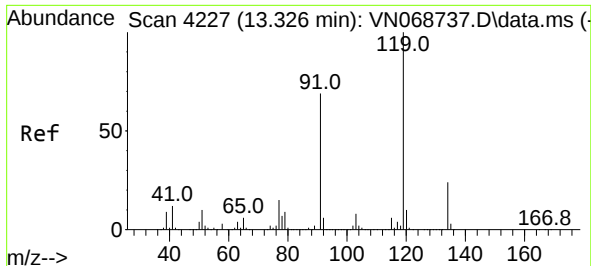


#82
4-Chlorotoluene
Concen: 47.453 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



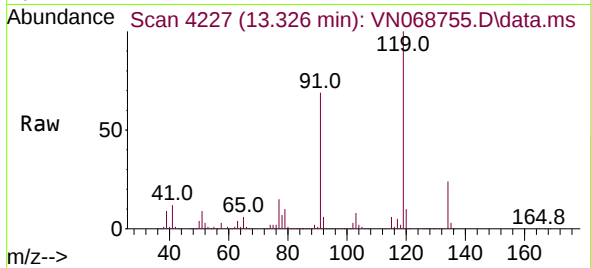
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	14.8	44.4





#83
tert-Butylbenzene
Concen: 49.810 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

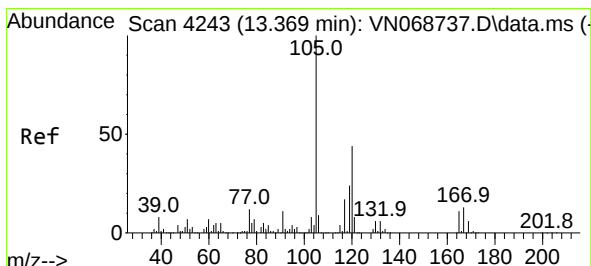
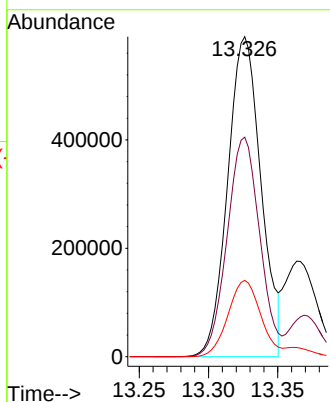
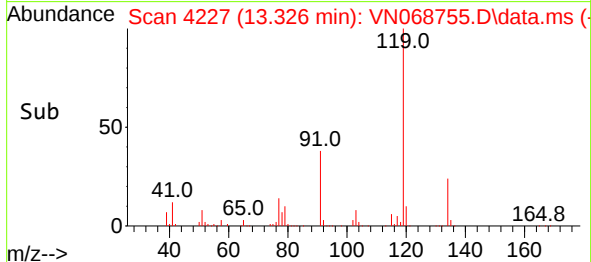
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



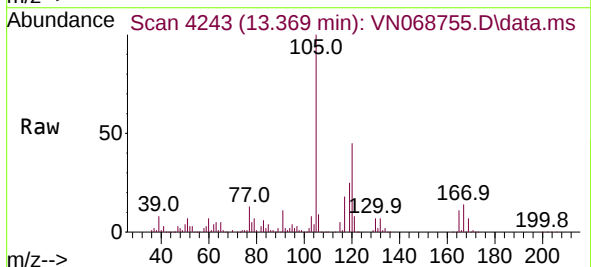
Tgt Ion:119 Resp: 988948
Ion Ratio Lower Upper
119 100
91 67.5 39.5 118.5
134 23.4 12.0 36.0

Manual Integrations
APPROVED

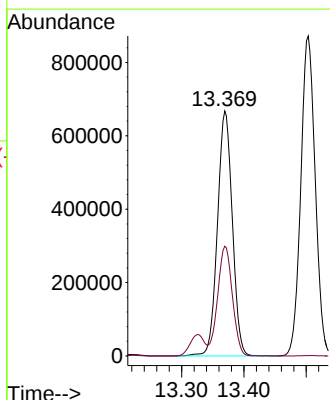
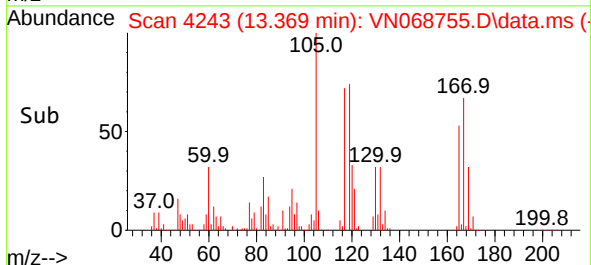
MMDadoda
9/30/2021 6:18:25 PM

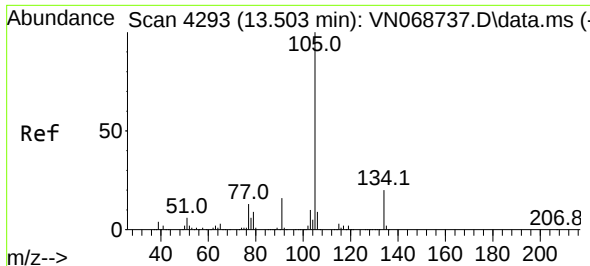


#84
1,2,4-Trimethylbenzene
Concen: 50.145 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



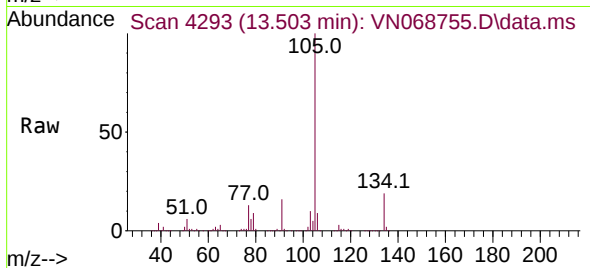
Tgt Ion:105 Resp: 1107012
Ion Ratio Lower Upper
105 100
120 44.2 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 48.865 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068755.D
 Acq: 29 Sep 2021 22:02

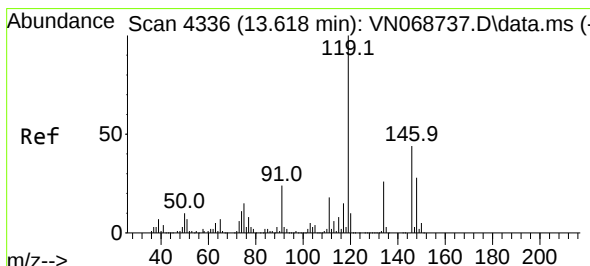
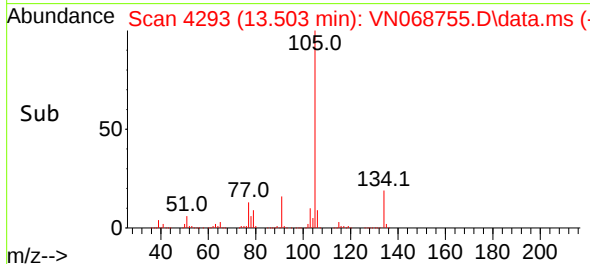
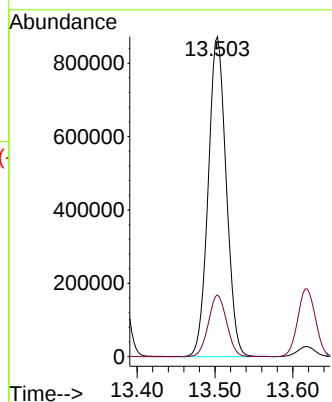
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1400816
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.0 27.1

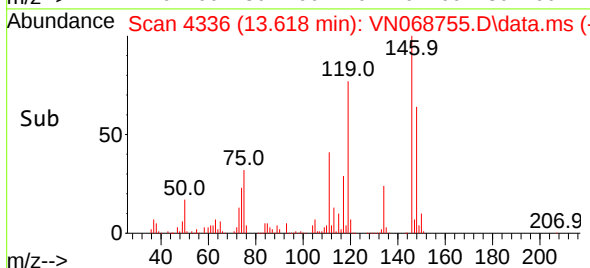
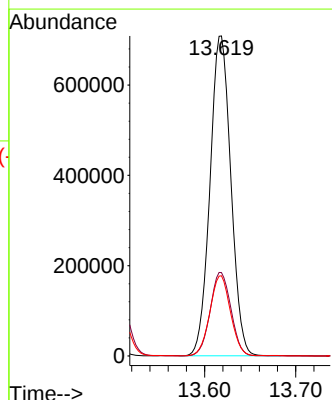
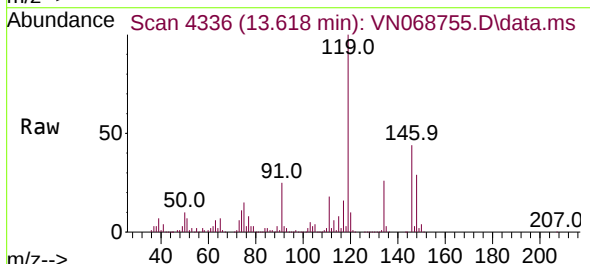
Manual Integrations
 APPROVED

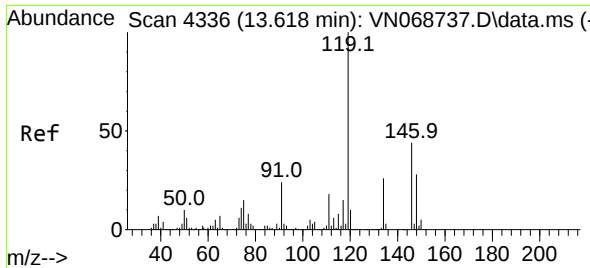
MMDadoda
 9/30/2021 6:18:25 PM



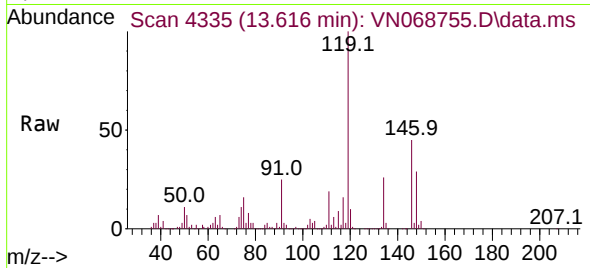
#86
 p-Isopropyltoluene
 Concen: 49.406 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068755.D
 Acq: 29 Sep 2021 22:02

Tgt Ion:119 Resp: 1125021
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.4
 91 24.7 14.8 44.3

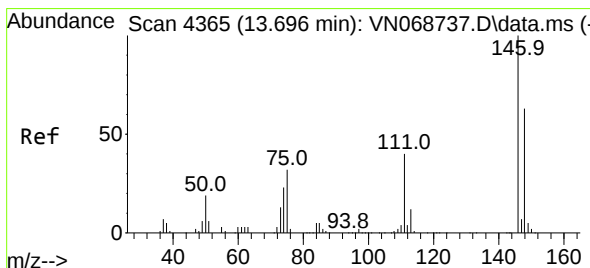
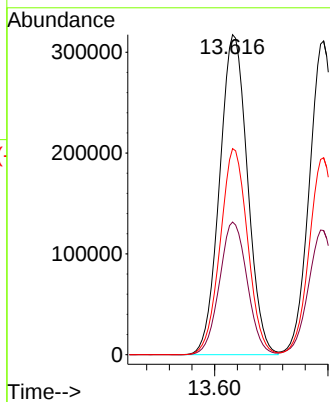
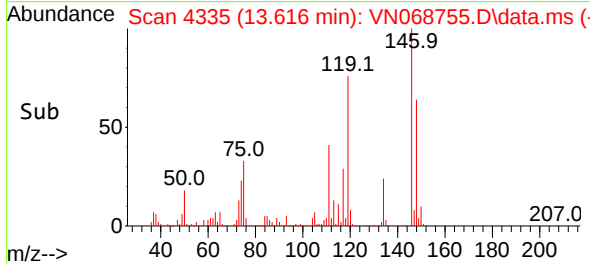




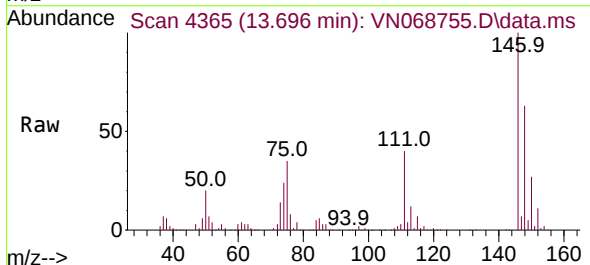
#87
1,3-Dichlorobenzene
Concen: 45.435 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



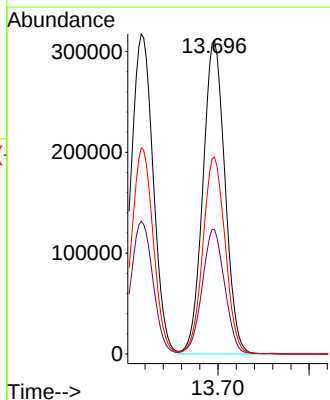
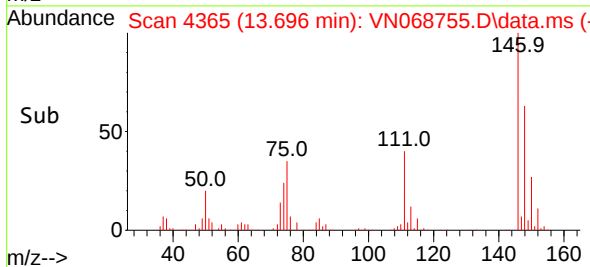
Tgt Ion:146 Resp: 543003
Ion Ratio Lower Upper
146 100
111 41.2 24.3 72.8
148 63.4 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 43.983 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



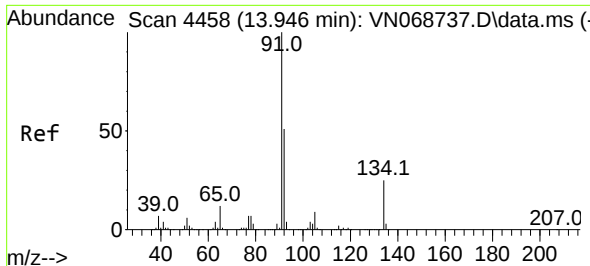
Tgt Ion:146 Resp: 523187
Ion Ratio Lower Upper
146 100
111 40.3 23.4 70.2
148 63.4 31.8 95.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

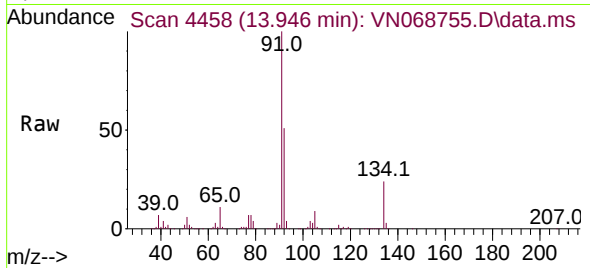
Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



#89
n-Butylbenzene
Concen: 45.120 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

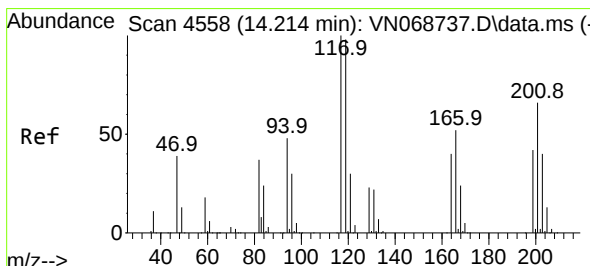
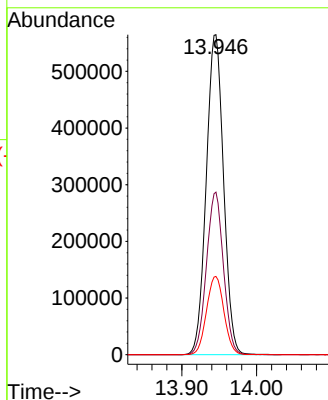
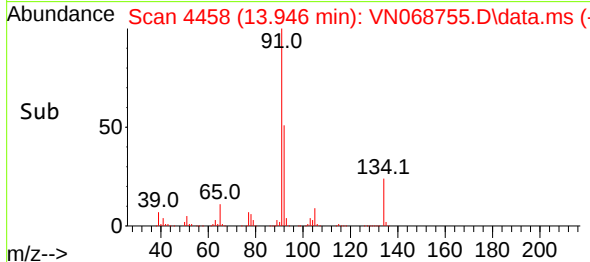
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



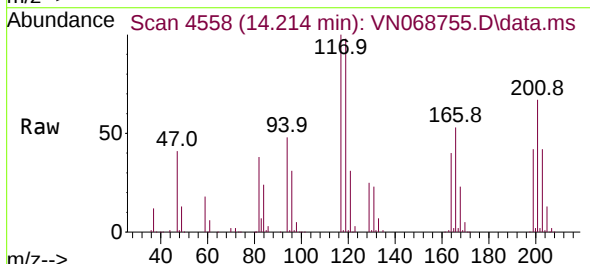
Tgt Ion: 91 Resp: 908209
Ion Ratio Lower Upper
91 100
92 49.9 25.7 77.1
134 24.7 11.2 33.6

Manual Integrations
APPROVED

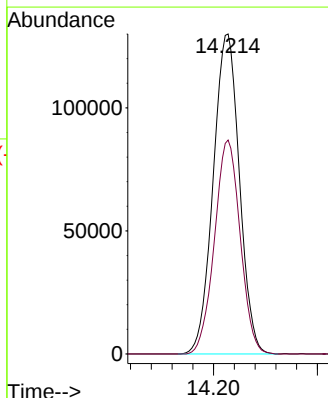
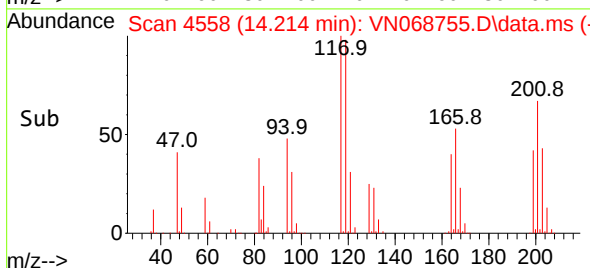
MMDadoda
9/30/2021 6:18:25 PM

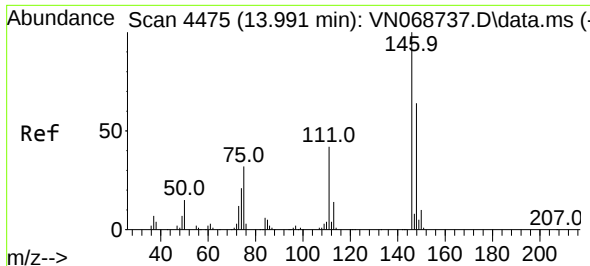


#90
Hexachloroethane
Concen: 49.181 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



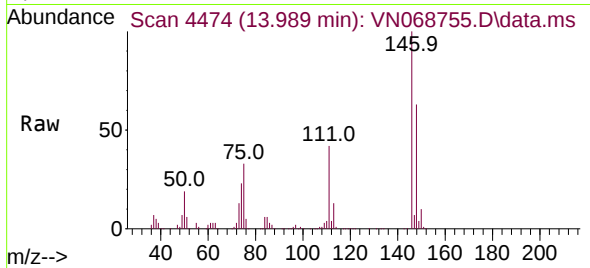
Tgt Ion: 117 Resp: 227807
Ion Ratio Lower Upper
117 100
201 65.5 33.5 100.5





#91
1,2-Dichlorobenzene
Concen: 45.133 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

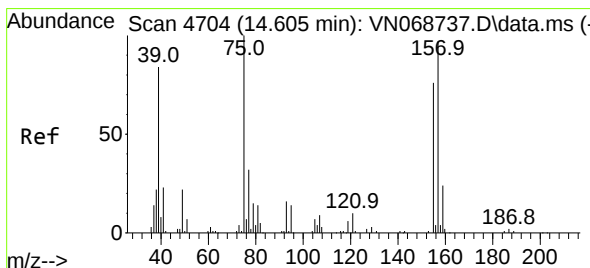
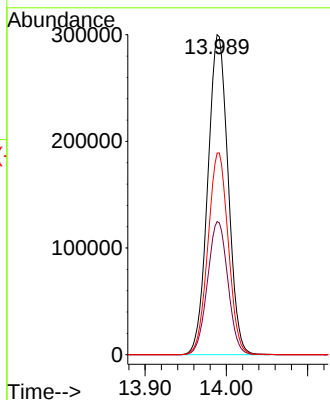
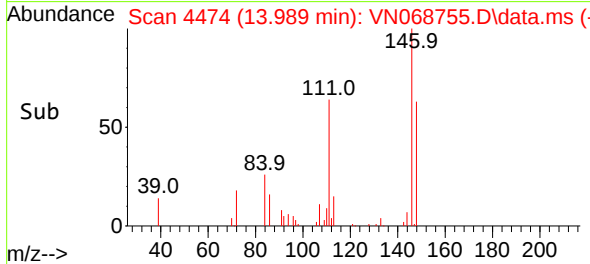
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



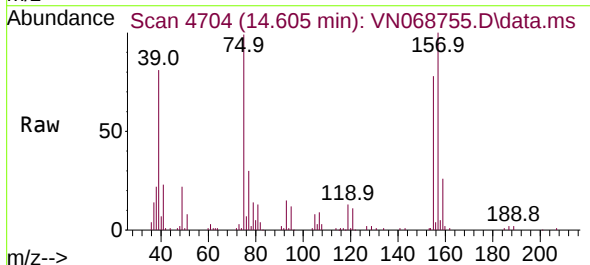
Tgt Ion:146 Resp: 519363
Ion Ratio Lower Upper
146 100
111 41.9 24.9 74.6
148 63.4 31.6 95.0

Manual Integrations
APPROVED

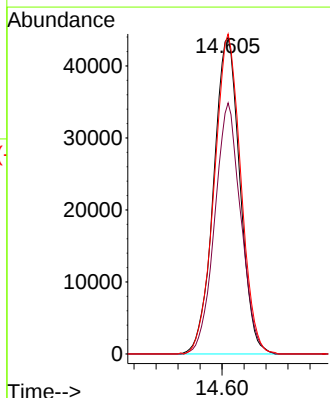
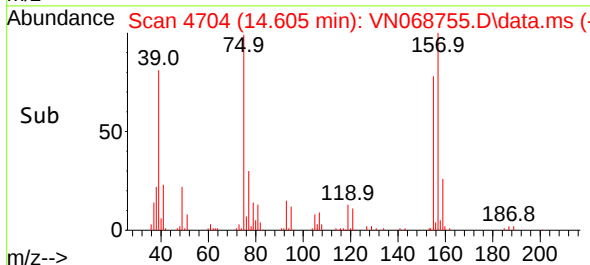
MMDadoda
9/30/2021 6:18:25 PM

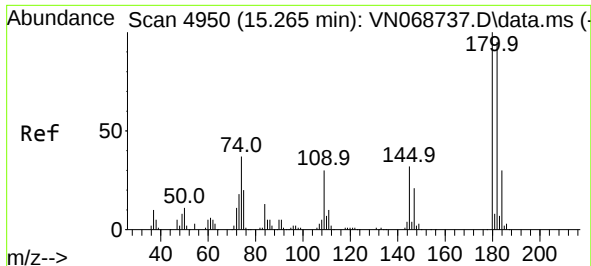


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.001 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

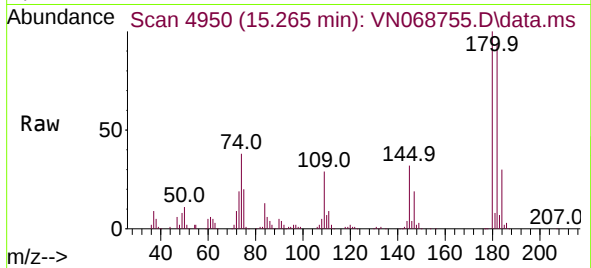


Tgt Ion: 75 Resp: 72925
Ion Ratio Lower Upper
75 100
155 79.0 29.8 89.5
157 102.1 37.6 112.8

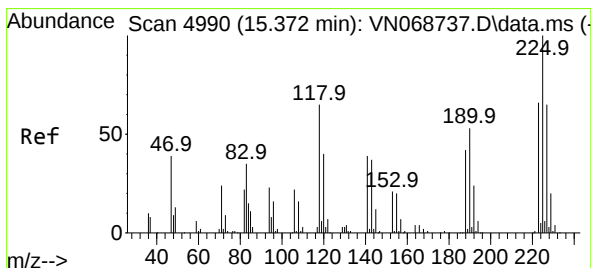
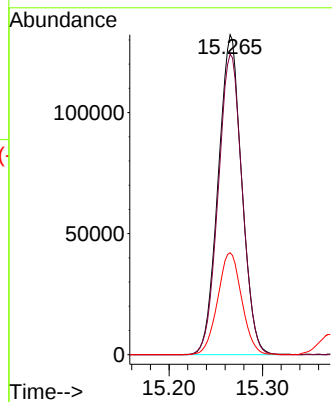
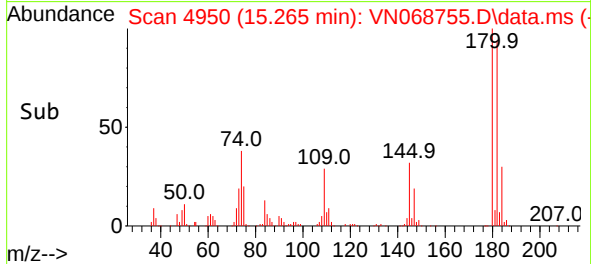




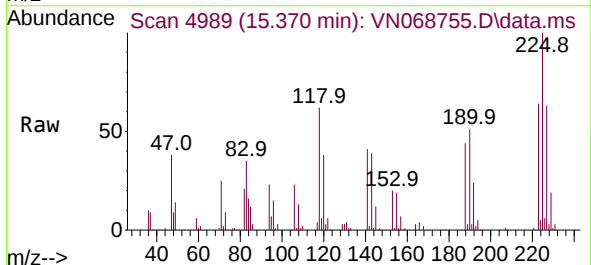
#93
1,2,4-Trichlorobenzene
Concen: 44.311 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



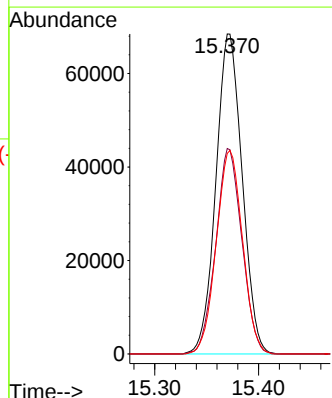
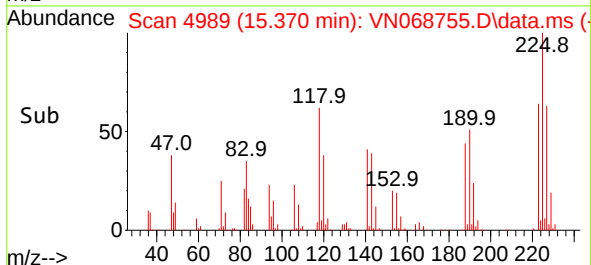
Tgt Ion:180 Resp: 231357
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 32.6 17.2 51.6



#94
Hexachlorobutadiene
Concen: 40.893 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.002 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02



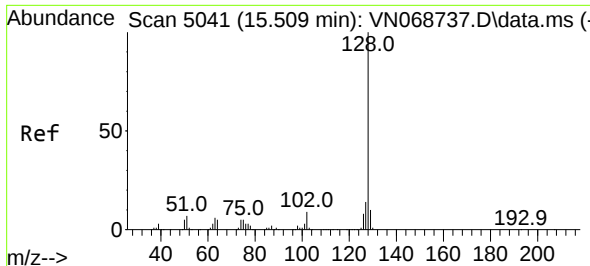
Tgt Ion:225 Resp: 120347
Ion Ratio Lower Upper
225 100
223 63.8 31.4 94.0
227 63.5 31.2 93.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



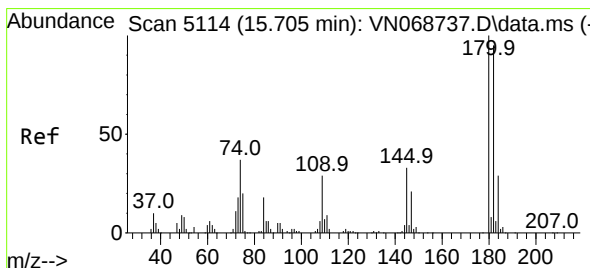
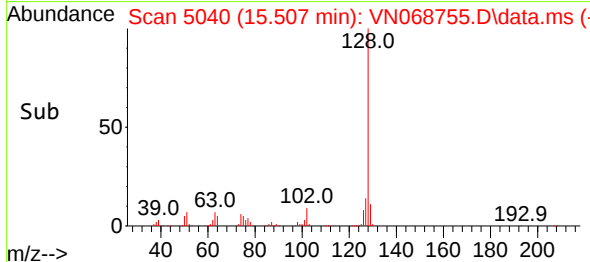
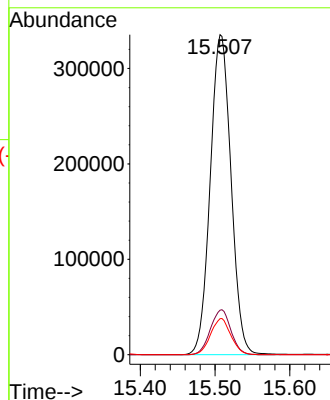
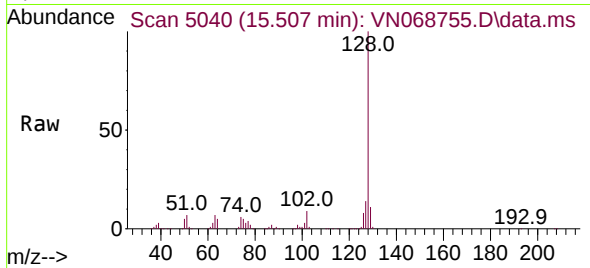
#95
Naphthalene
Concen: 43.543 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	11.1	8.6	12.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.390 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.003 min
Lab File: VN068755.D
Acq: 29 Sep 2021 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	34.2	18.2	54.6

