

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069954.D
 Acq On : 10 Dec 2021 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 11:28:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1024747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1735193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1644562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	716337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	757137	47.853	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.700%		
35) Dibromofluoromethane	8.021	113	527121	48.498	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.000%		
50) Toluene-d8	10.440	98	2058127	47.159	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.320%		
62) 4-Bromofluorobenzene	12.731	95	760350	48.091	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	521903	43.666	ug/l	98
3) Chloromethane	2.303	50	633428	42.302	ug/l	98
4) Vinyl Chloride	2.448	62	606304	44.036	ug/l	99
5) Bromomethane	2.842	94	312934	41.835	ug/l	100
6) Chloroethane	3.014	64	358297	42.467	ug/l	98
7) Trichlorofluoromethane	3.373	101	801947	44.379	ug/l	99
8) Diethyl Ether	3.824	74	325266	46.735	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	466868	46.090	ug/l	95
10) Methyl Iodide	4.419	142	614804	44.428	ug/l	97
11) Tert butyl alcohol	5.377	59	627463	209.800	ug/l	98
12) 1,1-Dichloroethene	4.178	96	443842	45.470	ug/l	89
13) Acrolein	4.038	56	597346	234.538	ug/l	99
14) Allyl chloride	4.838	41	1013517	46.079	ug/l	92
15) Acrylonitrile	5.554	53	1800570	223.423	ug/l	98
16) Acetone	4.285	43	1681063	176.625	ug/l	96
17) Carbon Disulfide	4.529	76	1220966	48.417	ug/l	99
18) Methyl Acetate	4.854	43	1327514	46.209	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	1773225	46.721	ug/l	95
20) Methylene Chloride	5.095	84	556305	43.967	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	481626	45.427	ug/l	86
22) Diisopropyl ether	6.498	45	2083157	48.455	ug/l	94
23) Vinyl Acetate	6.433	43	8577752	245.247	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1056421	47.437	ug/l	98
25) 2-Butanone	7.335	43	2649443	204.878	ug/l	91
26) 2,2-Dichloropropane	7.327	77	659506	38.088	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	583484	45.552	ug/l	87
28) Bromochloromethane	7.656	49	611222	52.779	ug/l #	77
29) Tetrahydrofuran	7.683	42	1732122	220.582	ug/l	87
30) Chloroform	7.817	83	1055778	46.942	ug/l	99
31) Cyclohexane	8.094	56	965577	43.852	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	917612	47.897	ug/l	95
36) 1,1-Dichloropropene	8.222	75	747839	45.273	ug/l	96
37) Ethyl Acetate	7.412	43	1052969	42.829	ug/l	95
38) Carbon Tetrachloride	8.206	117	791198	48.844	ug/l	99
39) Methylcyclohexane	9.459	83	863253	43.935	ug/l	88
40) Benzene	8.458	78	2294224	45.439	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069954.D
 Acq On : 10 Dec 2021 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 11:28:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	532678	46.154	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	914058	44.846	ug/l	96
43) Isopropyl Acetate	8.560	43	1744112	47.938	ug/l #	92
44) Trichloroethene	9.217	130	530333	44.007	ug/l	93
45) 1,2-Dichloropropane	9.491	63	636306	46.930	ug/l	99
46) Dibromomethane	9.577	93	410346	46.147	ug/l	93
47) Bromodichloromethane	9.762	83	862349	51.220	ug/l	99
48) Methyl methacrylate	9.558	41	779302	45.898	ug/l	88
49) 1,4-Dioxane	9.571	88	230686	757.204	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5478709	232.124	ug/l	95
52) Toluene	10.505	92	1405416	45.593	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	868305	43.272	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	934270	44.197	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	571294	45.934	ug/l	97
56) Ethyl methacrylate	10.759	69	978839	42.088	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	1004032	45.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1324103	211.958	ug/l	91
59) 2-Hexanone	11.084	43	3934080	220.340	ug/l	92
60) Dibromochloromethane	11.237	129	628131	47.271	ug/l	99
61) 1,2-Dibromoethane	11.344	107	590168	45.813	ug/l	99
64) Tetrachloroethene	10.977	164	464785	41.680	ug/l	95
65) Chlorobenzene	11.768	112	1479587	44.348	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	570379	48.573	ug/l	100
67) Ethyl Benzene	11.843	91	2778157	45.841	ug/l	95
68) m/p-Xylenes	11.953	106	2025451	91.789	ug/l	92
69) o-Xylene	12.280	106	1015686	45.697	ug/l	92
70) Styrene	12.294	104	1681519	47.710	ug/l	95
71) Bromoform	12.457	173	480299	47.940	ug/l #	100
73) Isopropylbenzene	12.578	105	2659422	41.727	ug/l	98
74) N-amyl acetate	12.387	43	1259747	44.695	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	920390	41.761	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	782008m	38.067	ug/l	
77) Bromobenzene	12.859	156	626114	41.824	ug/l	78
78) n-propylbenzene	12.918	91	3067287	43.249	ug/l	96
79) 2-Chlorotoluene	13.007	91	1876154	41.866	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2188430	42.661	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	262058	42.421	ug/l	98
82) 4-Chlorotoluene	13.103	91	1816301	43.097	ug/l	92
83) tert-Butylbenzene	13.323	119	1903618	41.909	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2155660	44.124	ug/l	98
85) sec-Butylbenzene	13.500	105	2669507	43.327	ug/l	97
86) p-Isopropyltoluene	13.616	119	2120643	44.033	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1056886	42.974	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1012301	41.885	ug/l	96
89) n-Butylbenzene	13.943	91	1750623	44.811	ug/l	98
90) Hexachloroethane	14.208	117	435908	51.554	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	1020537	42.588	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	179824	45.154	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	466441	40.281	ug/l	98
94) Hexachlorobutadiene	15.370	225	276741	43.577	ug/l	98
95) Naphthalene	15.507	128	1240810	36.604	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	455941	40.302	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069954.D
Acq On : 10 Dec 2021 10:08
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

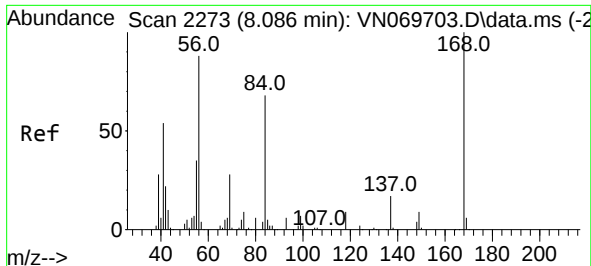
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 11:28:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

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

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



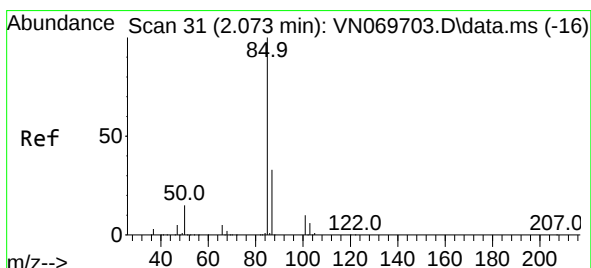
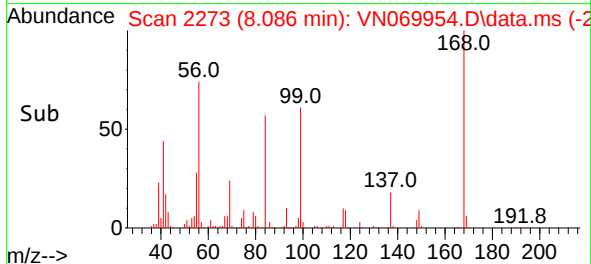
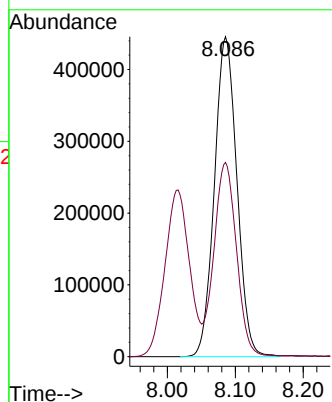
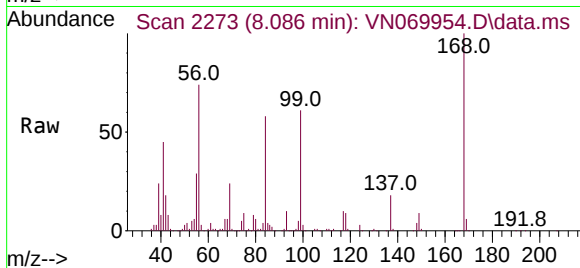
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 102474
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

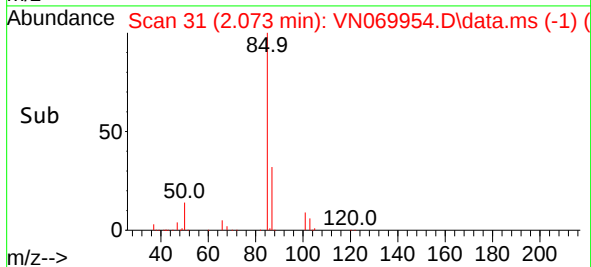
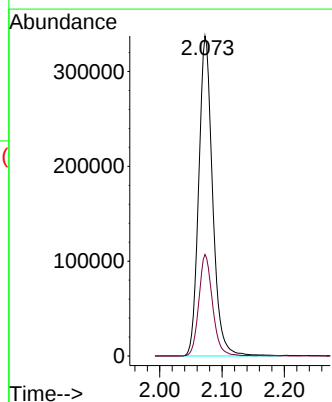
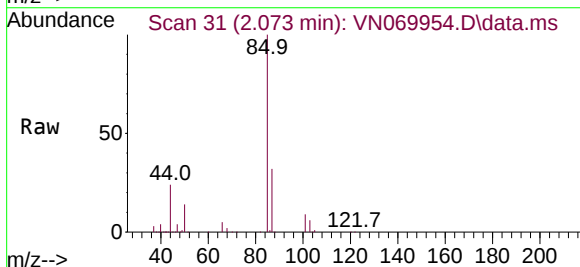
Manual Integrations
APPROVED

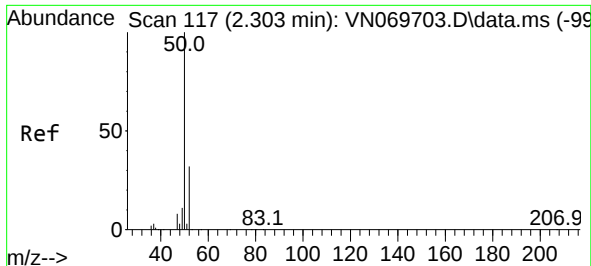
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#2
Dichlorodifluoromethane
Concen: 43.666 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

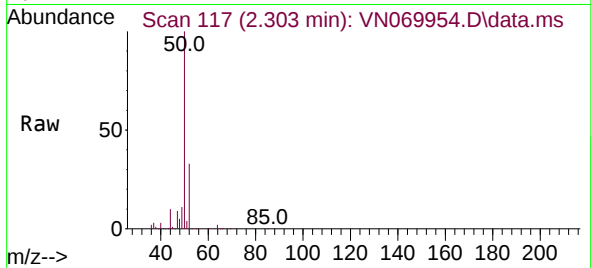
Tgt Ion: 85 Resp: 521903
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 42.302 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

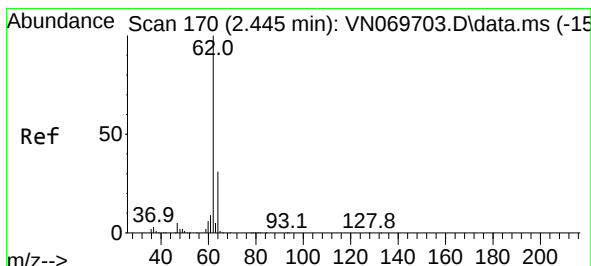
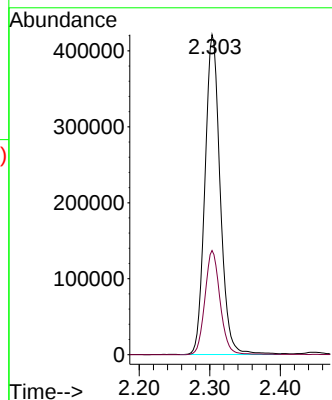
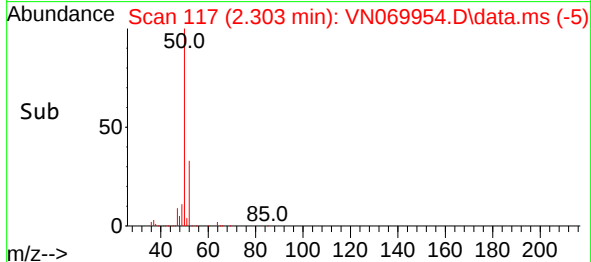
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 633428
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

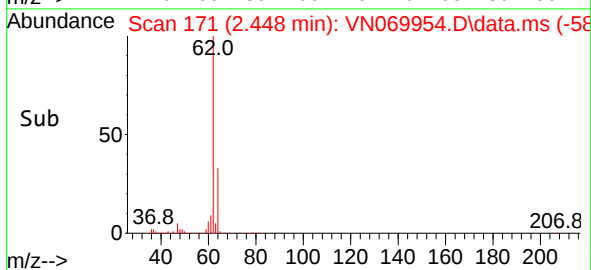
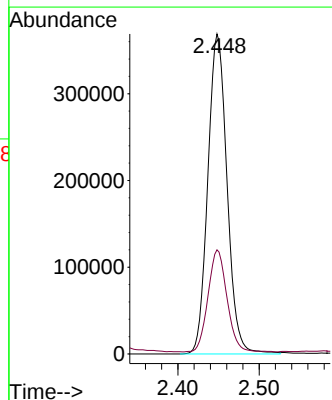
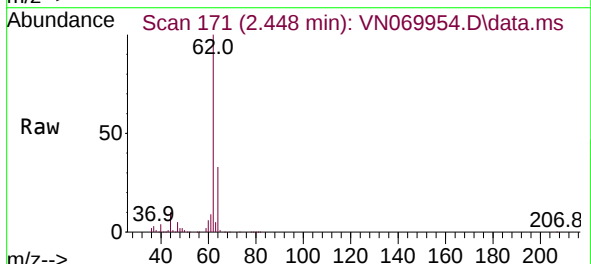
Manual Integrations
APPROVED

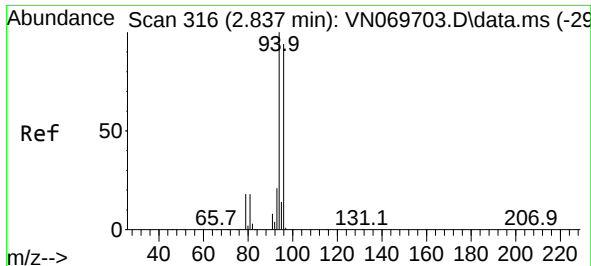
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#4
Vinyl Chloride
Concen: 44.036 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

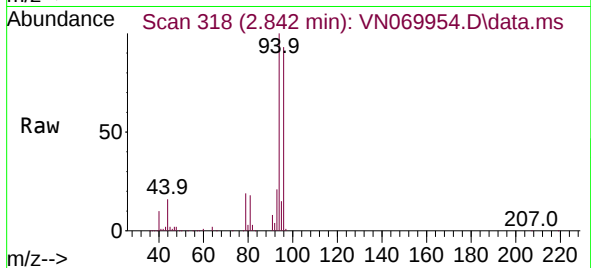
Tgt Ion: 62 Resp: 606304
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 41.835 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.005 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

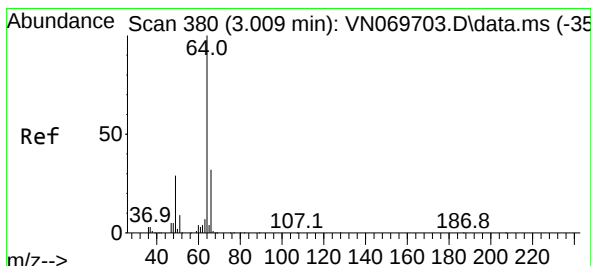
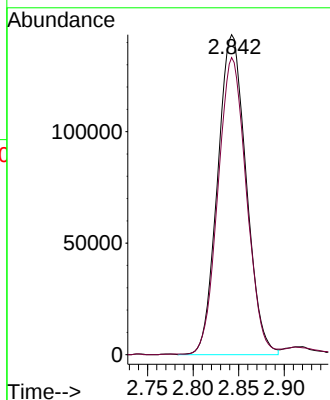
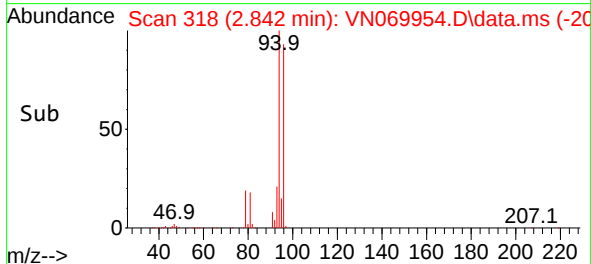
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 312934
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.8

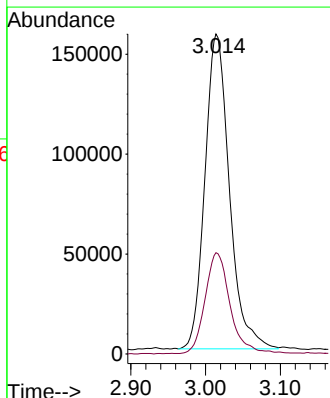
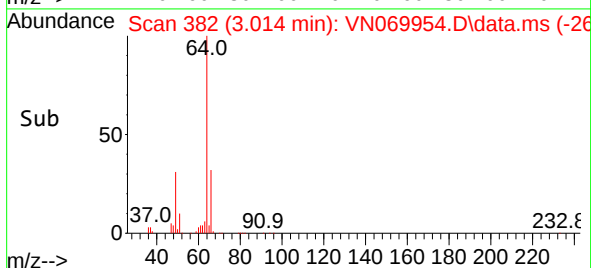
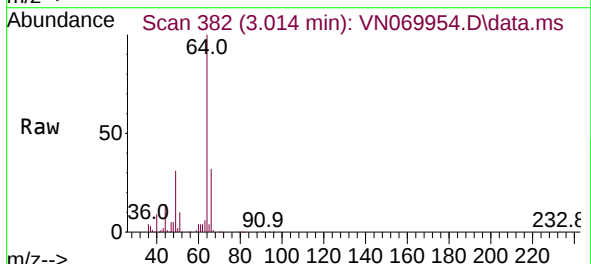
Manual Integrations
APPROVED

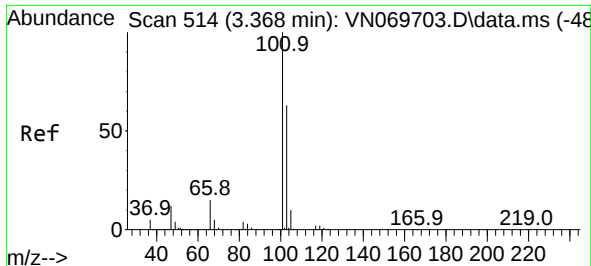
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#6
Chloroethane
Concen: 42.467 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.005 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion: 64 Resp: 358297
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





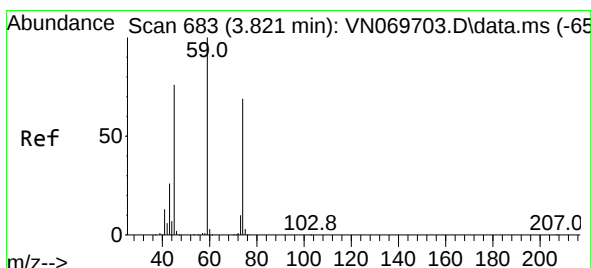
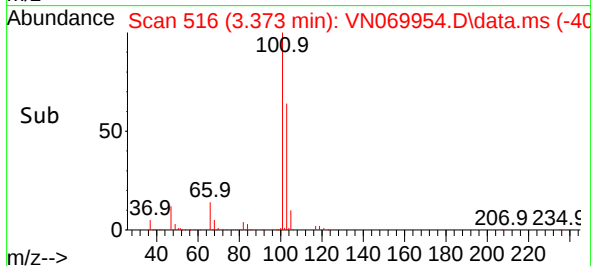
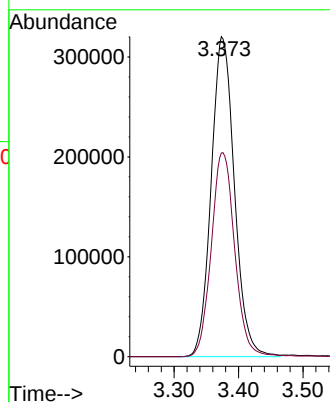
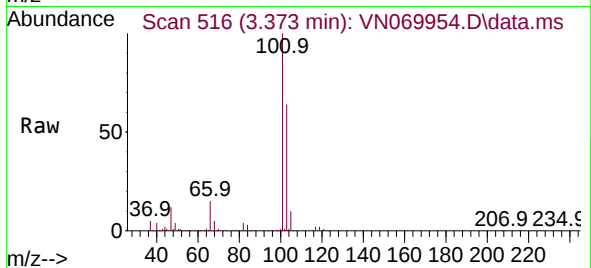
#7
Trichlorofluoromethane
Concen: 44.379 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.005 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 80194
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

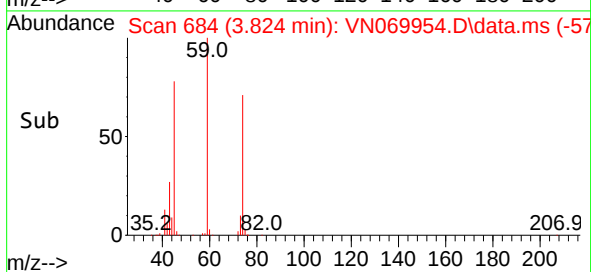
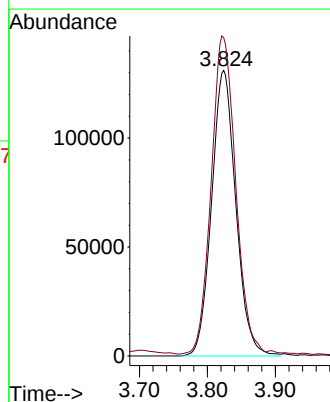
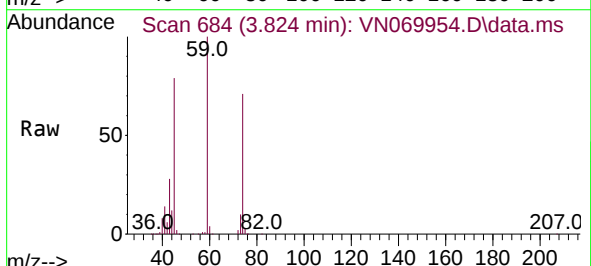
Manual Integrations
APPROVED

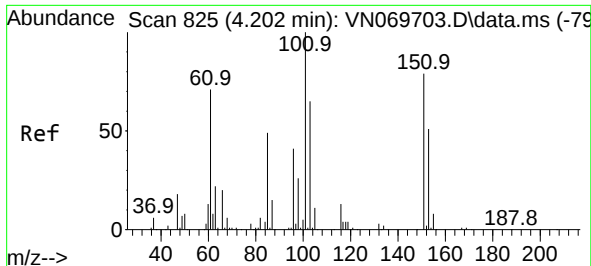
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#8
Diethyl Ether
Concen: 46.735 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion: 74 Resp: 325266
Ion Ratio Lower Upper
74 100
45 112.1 47.0 141.2





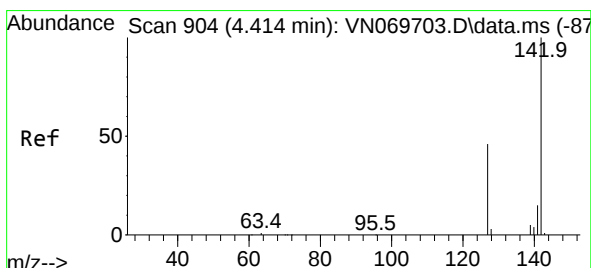
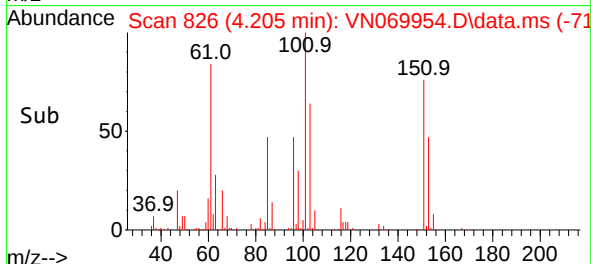
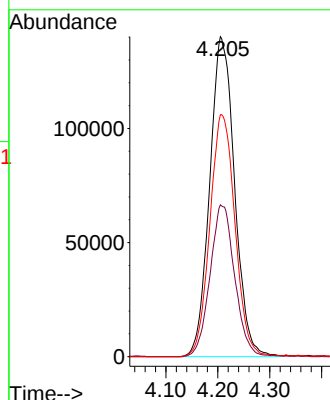
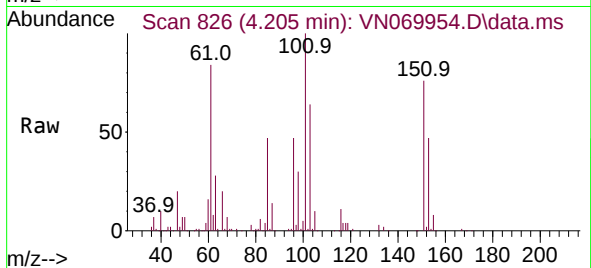
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.090 ug/l
RT: 4.205 min Scan# 825
Delta R.T. 0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 46686
Ion Ratio Lower Upper
101 100
85 46.9 37.2 55.8
151 76.3 65.9 98.9

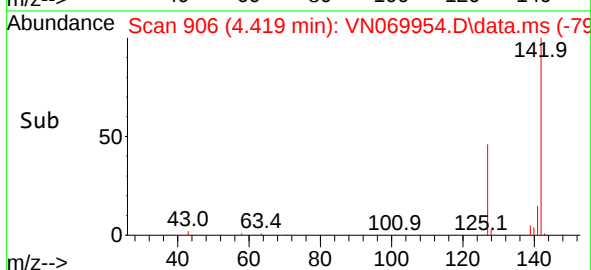
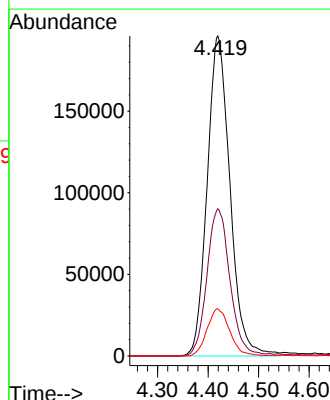
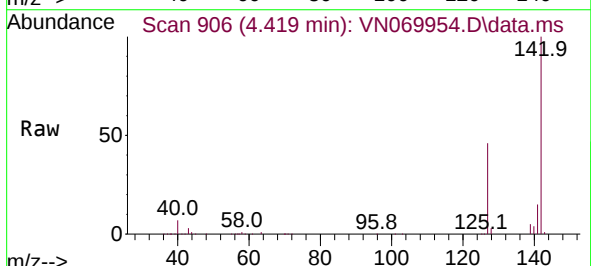
Manual Integrations
APPROVED

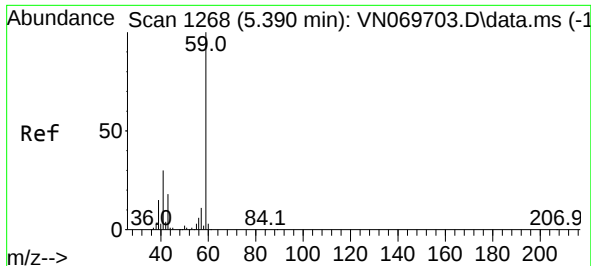
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 44.428 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

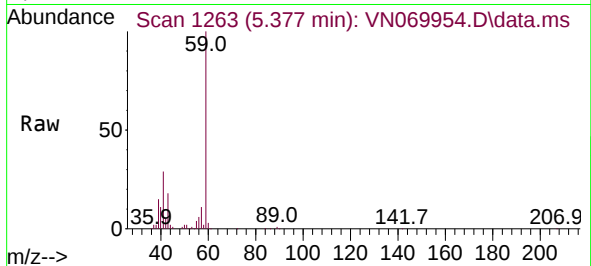
Tgt Ion:142 Resp: 614804
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 209.800 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

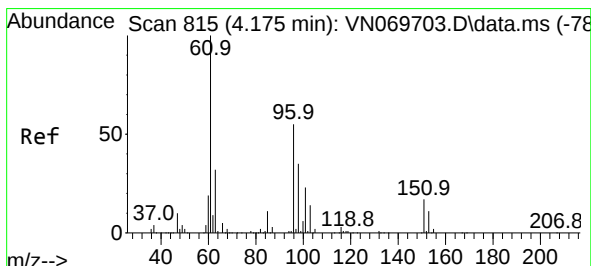
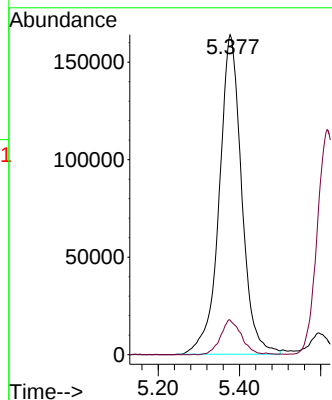
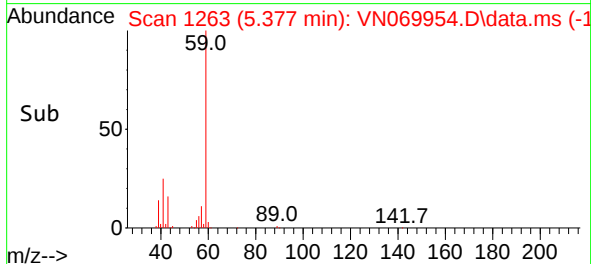
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



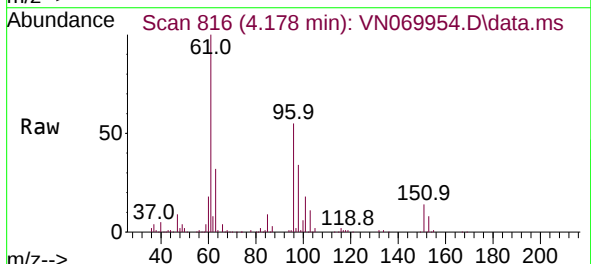
Tgt Ion: 59 Resp: 62746
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
APPROVED

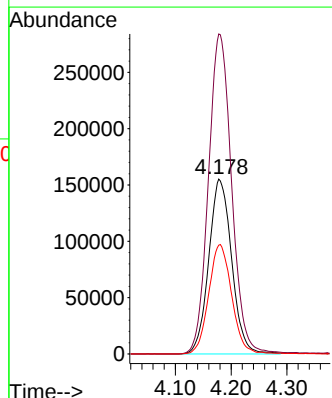
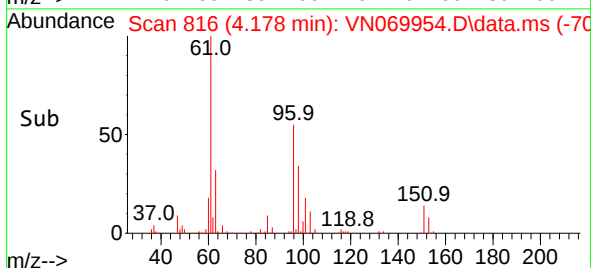
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 45.470 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



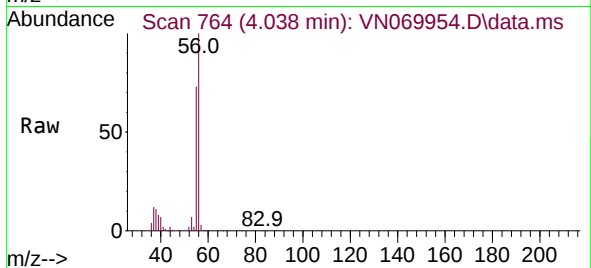
Tgt Ion: 96 Resp: 443842
Ion Ratio Lower Upper
96 100
61 182.8 131.0 196.6
98 62.2 52.4 78.6





#13
Acrolein
Concen: 234.538 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

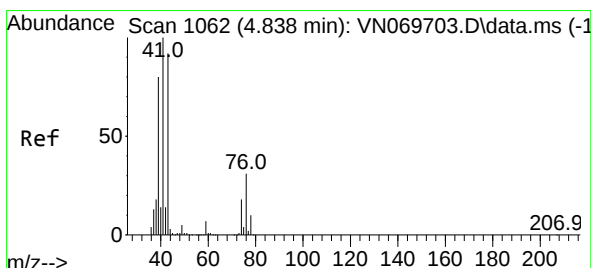
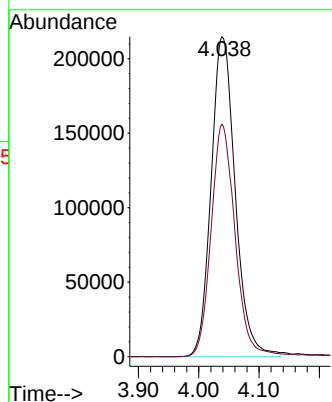
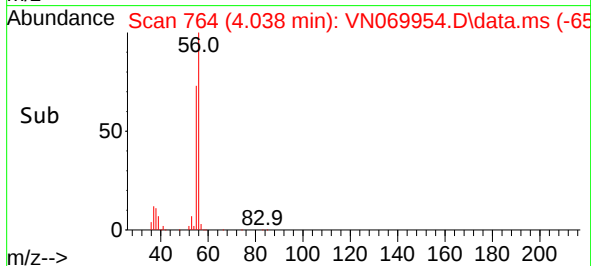
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



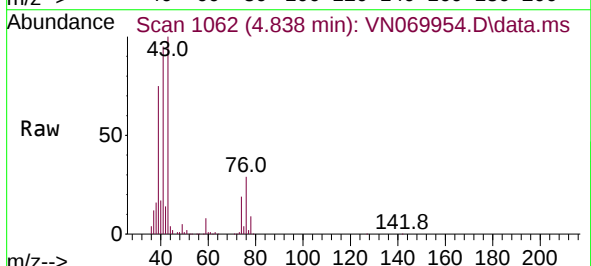
Tgt Ion: 56 Resp: 597340
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

Manual Integrations
APPROVED

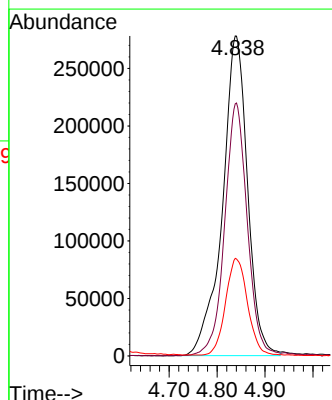
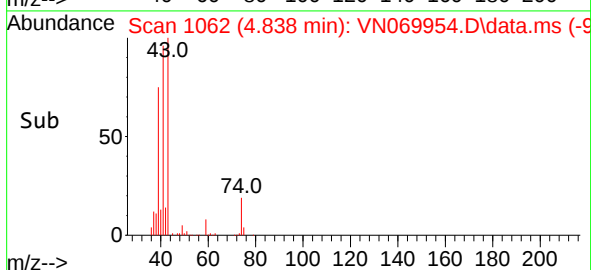
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

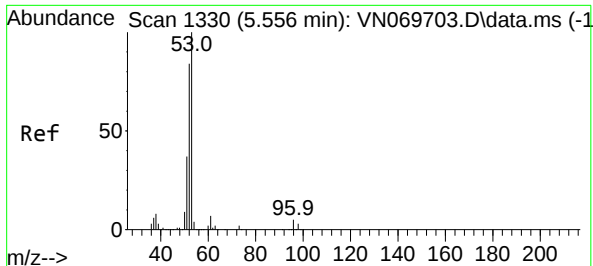


#14
Allyl chloride
Concen: 46.079 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



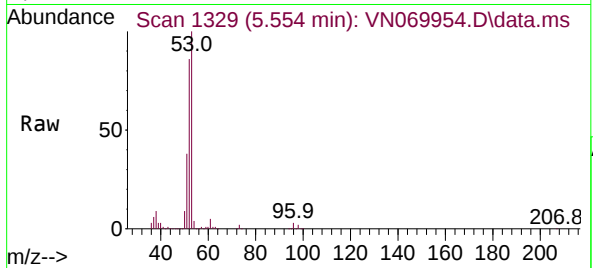
Tgt Ion: 41 Resp: 1013517
Ion Ratio Lower Upper
41 100
39 70.9 61.2 91.8
76 26.2 26.0 39.0





#15
Acrylonitrile
Concen: 223.423 ug/l
RT: 5.554 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

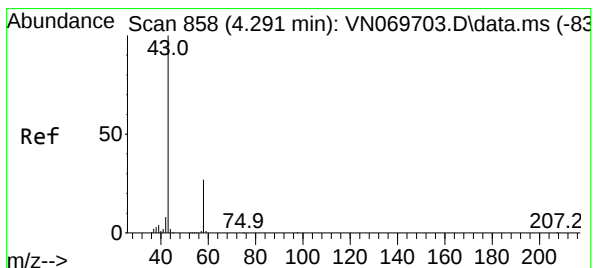
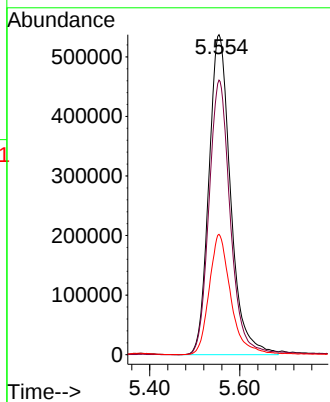
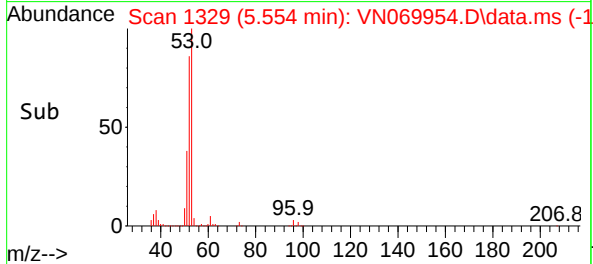
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



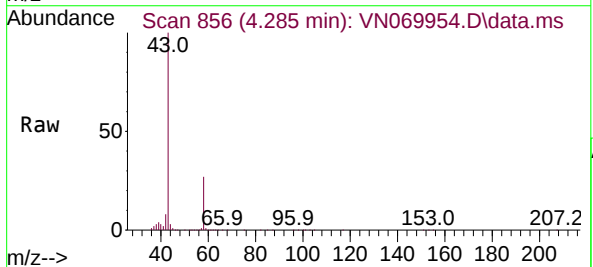
Tgt Ion: 53 Resp: 1800570
Ion Ratio Lower Upper
53 100
52 84.8 66.2 99.2
51 37.5 29.6 44.4

Manual Integrations
APPROVED

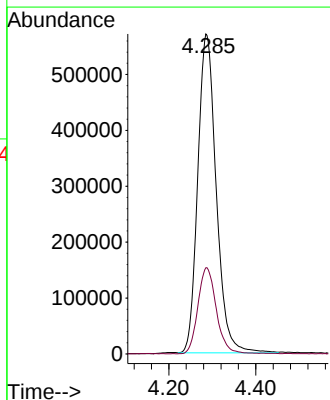
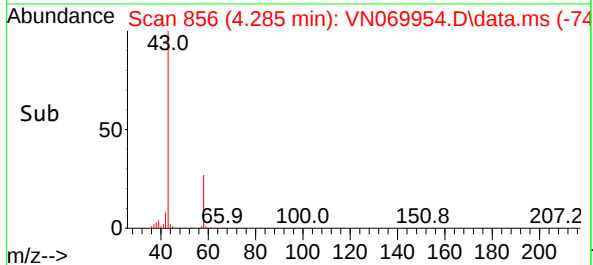
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

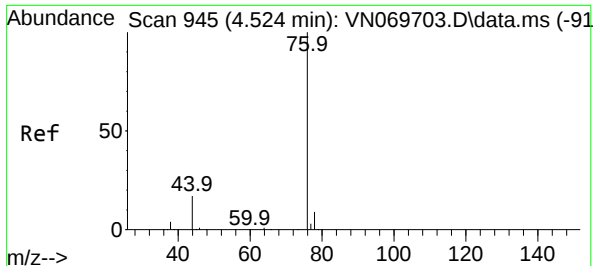


#16
Acetone
Concen: 176.625 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



Tgt Ion: 43 Resp: 1681063
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





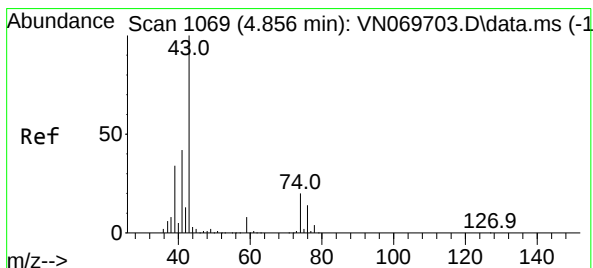
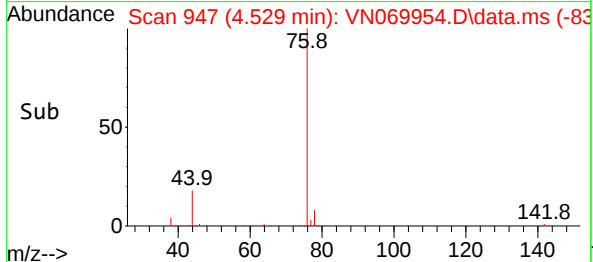
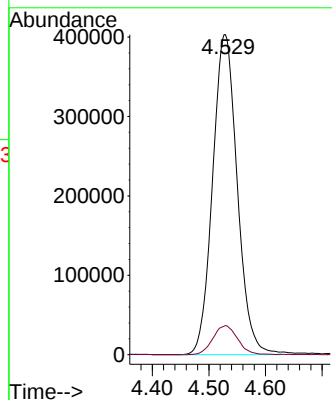
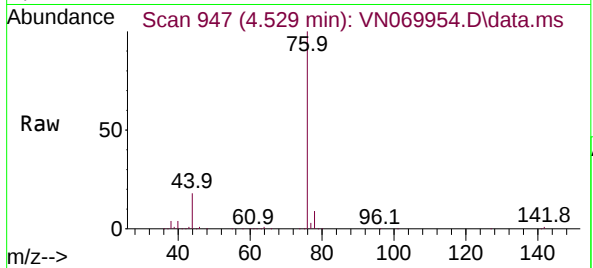
#17
Carbon Disulfide
Concen: 48.417 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 122096
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

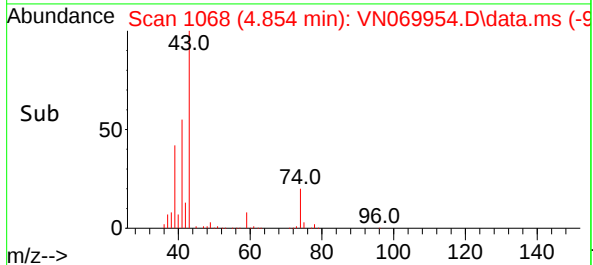
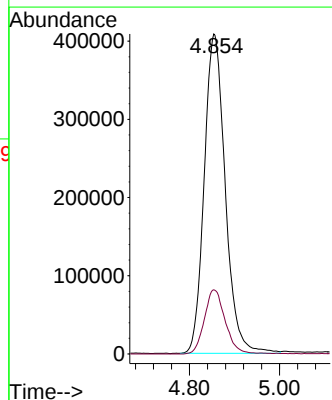
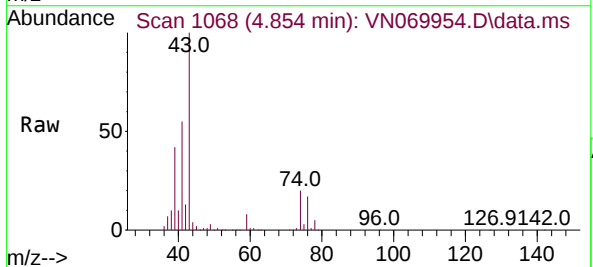
Manual Integrations
APPROVED

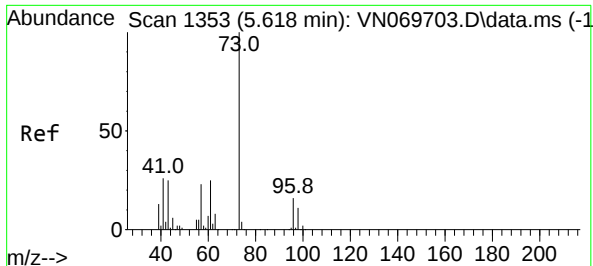
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 46.209 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

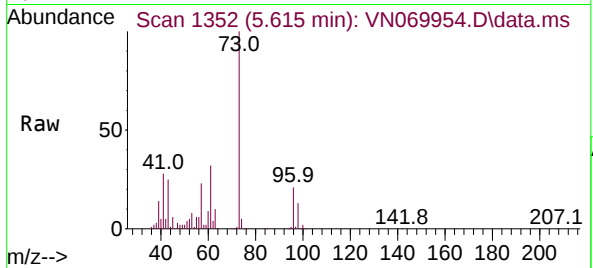
Tgt Ion: 43 Resp: 1327514
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 46.721 ug/l
RT: 5.615 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

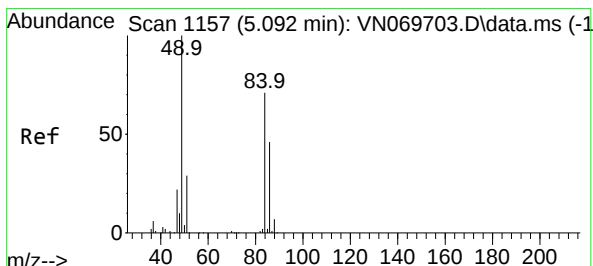
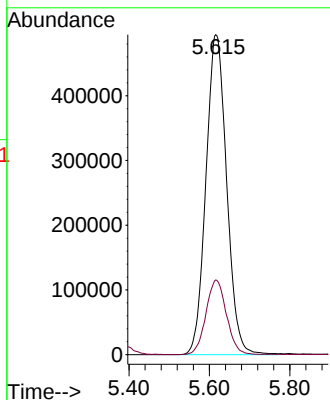
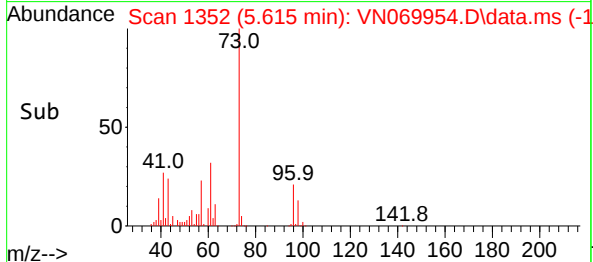
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 1773225
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

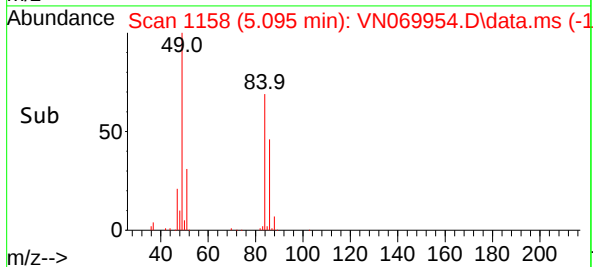
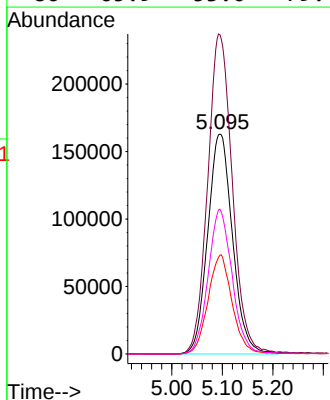
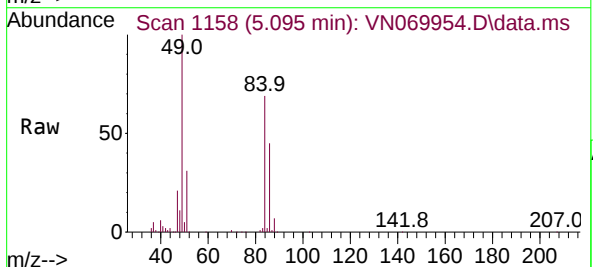
Manual Integrations
APPROVED

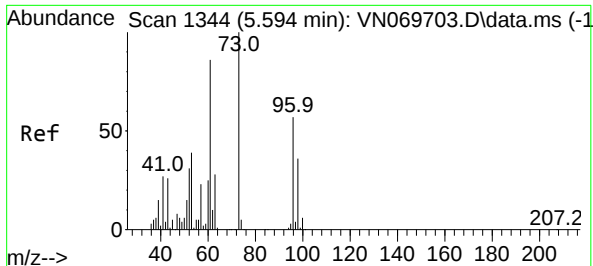
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 43.967 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

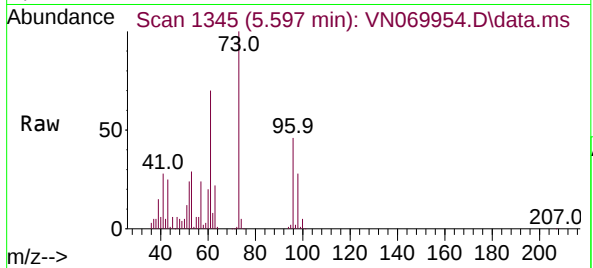
Tgt Ion: 84 Resp: 556305
Ion Ratio Lower Upper
84 100
49 145.0 93.5 140.3#
51 44.9 29.4 44.2#
86 65.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 45.427 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

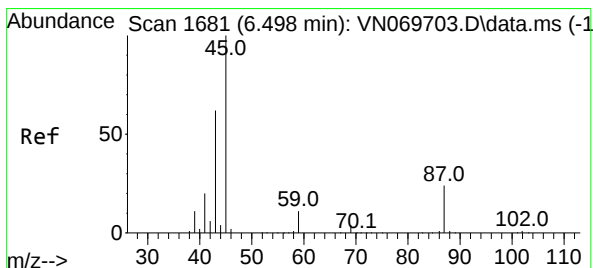
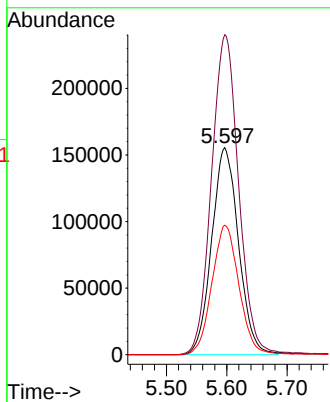
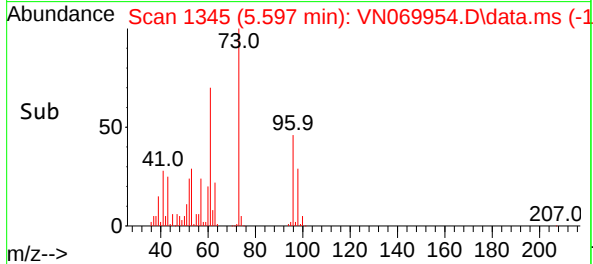
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 481620
Ion Ratio Lower Upper
96 100
61 154.4 105.8 158.6
98 62.5 52.0 78.0

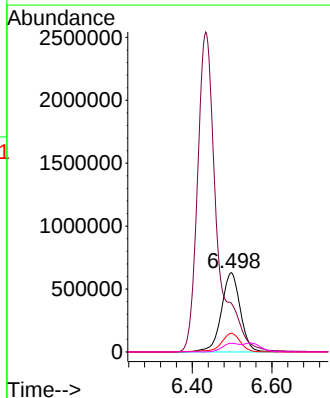
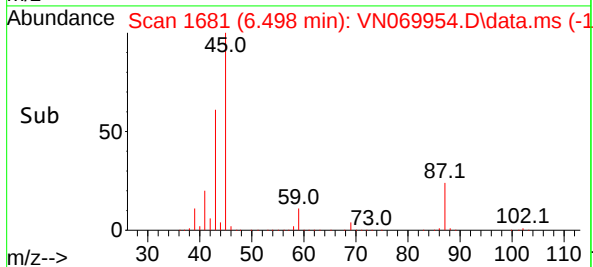
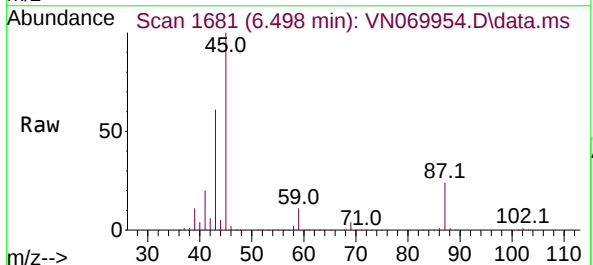
Manual Integrations
APPROVED

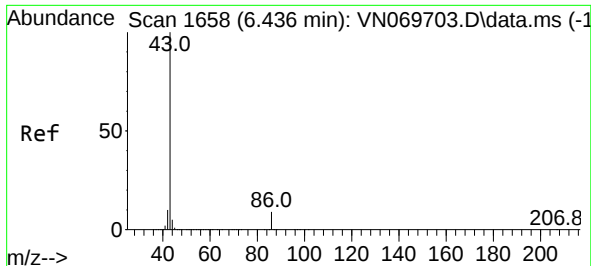
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 48.455 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

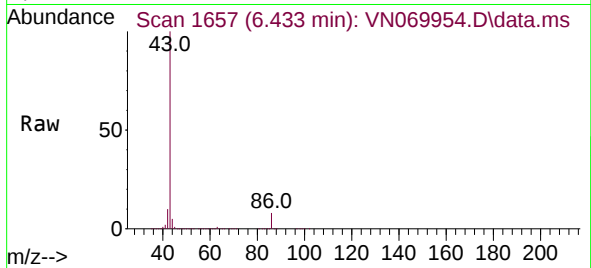
Tgt Ion: 45 Resp: 2083157
Ion Ratio Lower Upper
45 100
43 61.1 51.7 77.5
87 23.5 23.2 34.8
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 245.247 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069954.D
 Acq: 10 Dec 2021 10:08

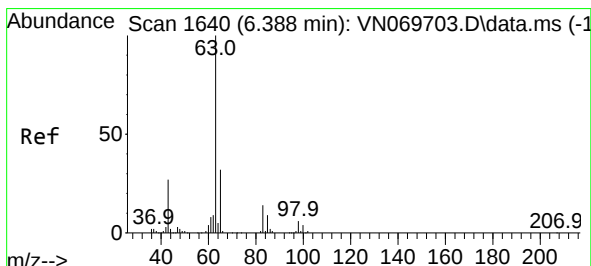
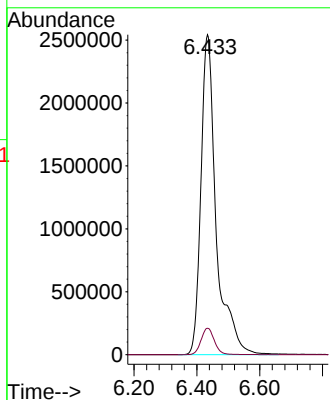
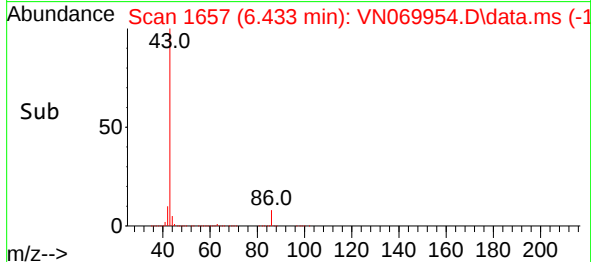
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



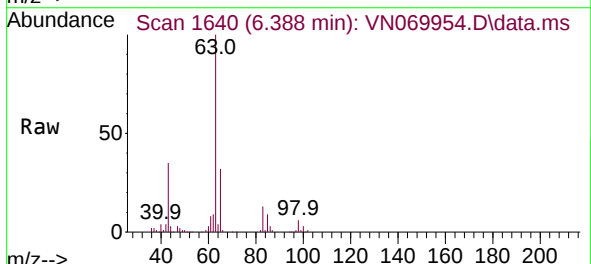
Tgt Ion: 43 Resp: 857775
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

Manual Integrations
 APPROVED

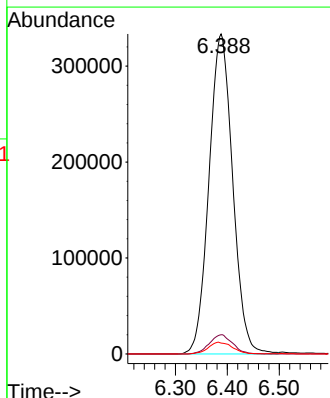
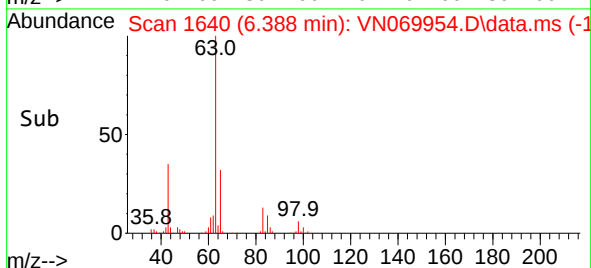
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#24
 1,1-Dichloroethane
 Concen: 47.437 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069954.D
 Acq: 10 Dec 2021 10:08



Tgt Ion: 63 Resp: 1056421
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.4 2.1 6.5





#25

2-Butanone

Concen: 204.878 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069954.D

Acq: 10 Dec 2021 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 264944

Ion Ratio Lower Upper

43 100

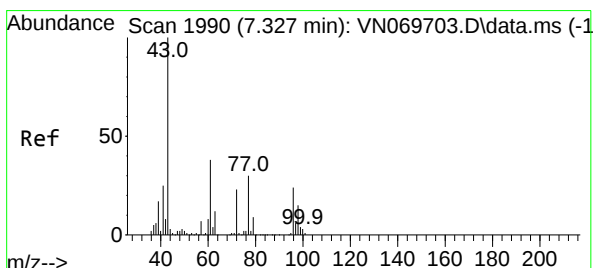
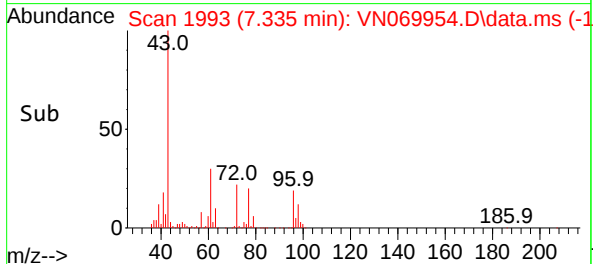
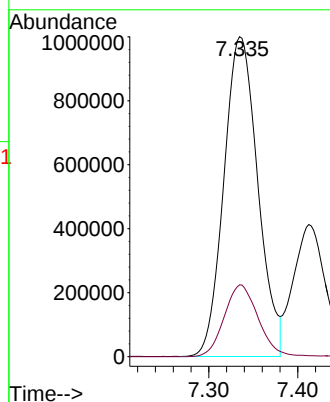
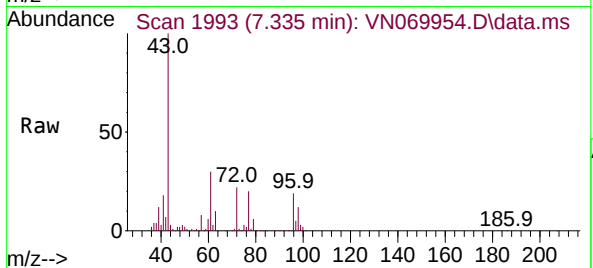
72 22.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#26

2,2-Dichloropropane

Concen: 38.088 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069954.D

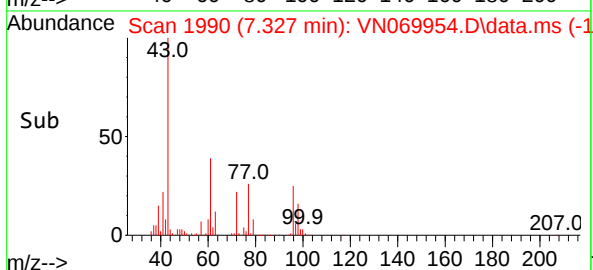
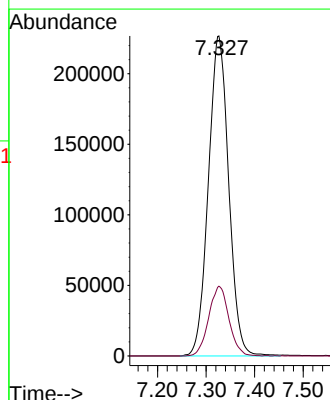
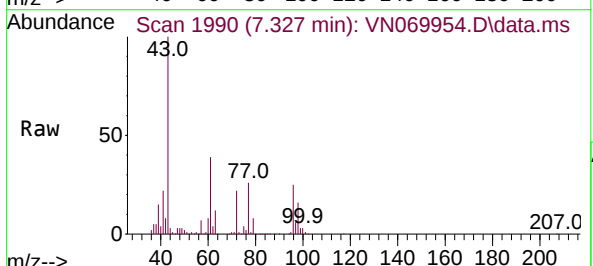
Acq: 10 Dec 2021 10:08

Tgt Ion: 77 Resp: 659506

Ion Ratio Lower Upper

77 100

97 21.7 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 45.552 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069954.D
 Acq: 10 Dec 2021 10:08

Instrument :

MSVOA_N

ClientSampleId :

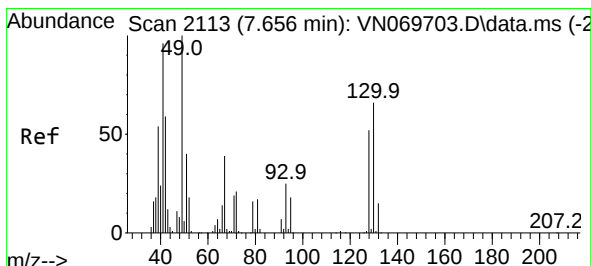
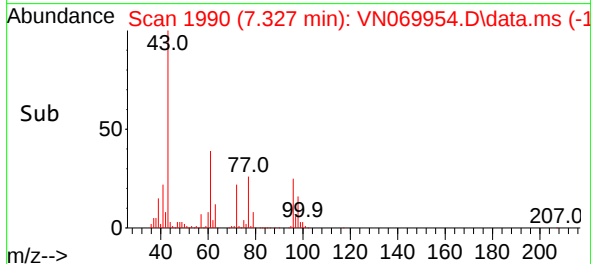
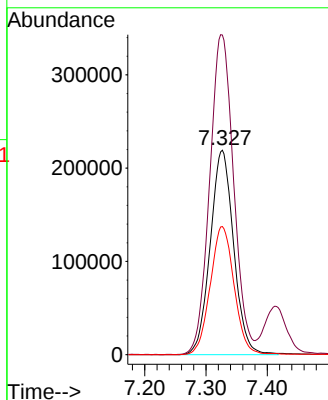
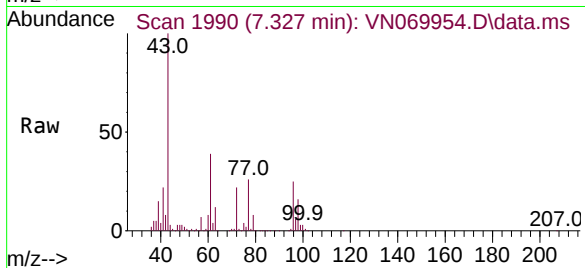
VSTDCCC050EC

Tgt Ion: 96 Resp: 583484
 Ion Ratio Lower Upper
 96 100
 61 159.9 0.0 275.0
 98 63.7 0.0 129.6

Manual Integrations

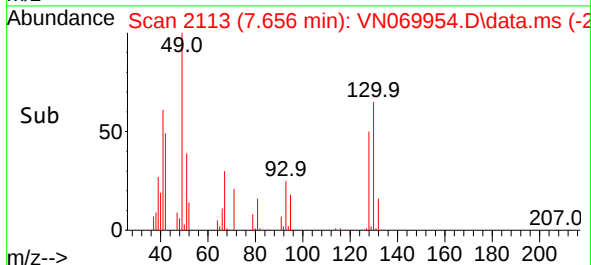
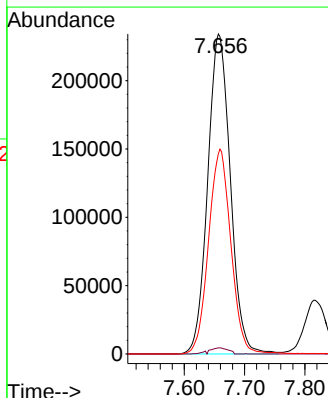
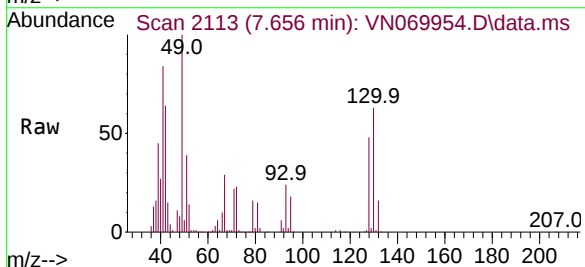
APPROVED

Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#28
 Bromochloromethane
 Concen: 52.779 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069954.D
 Acq: 10 Dec 2021 10:08

Tgt Ion: 49 Resp: 611222
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.0
 130 63.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 220.582 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN069954.D

Acq: 10 Dec 2021 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 173212

Ion Ratio Lower Upper

42 100

72 37.1 36.3 54.5

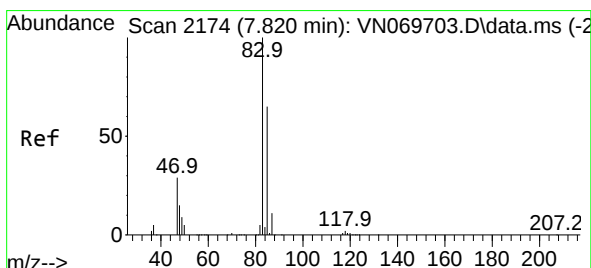
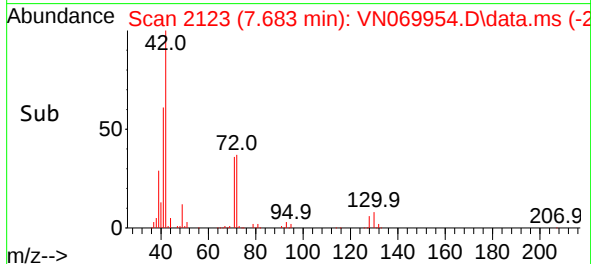
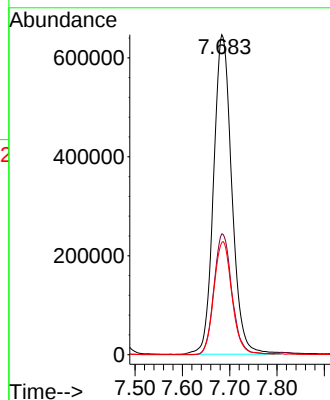
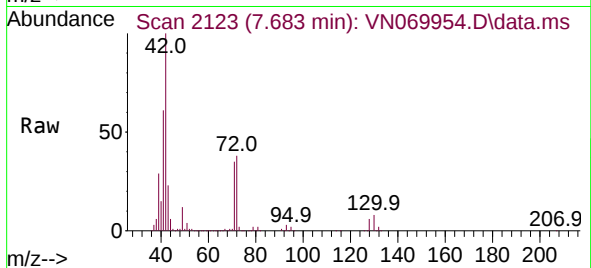
71 35.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 46.942 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069954.D

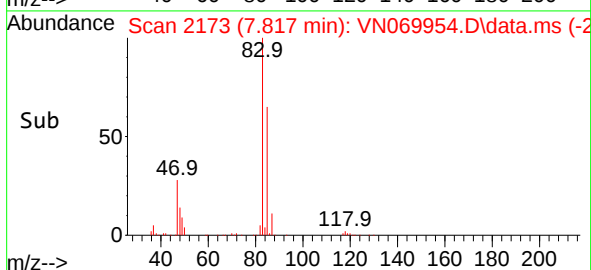
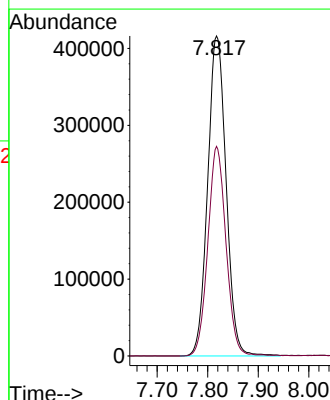
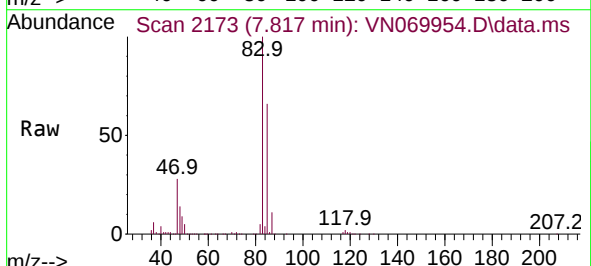
Acq: 10 Dec 2021 10:08

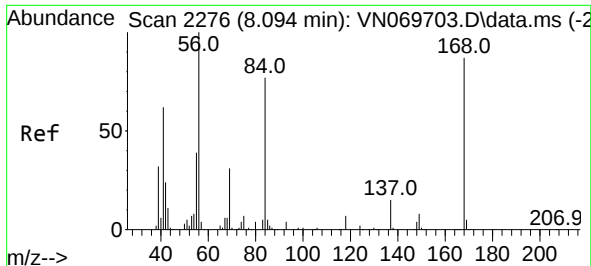
Tgt Ion: 83 Resp: 1055778

Ion Ratio Lower Upper

83 100

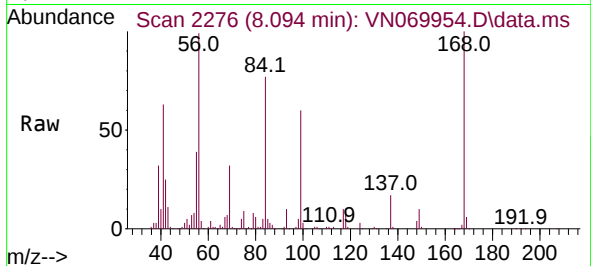
85 65.5 51.9 77.9





#31
Cyclohexane
Concen: 43.852 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

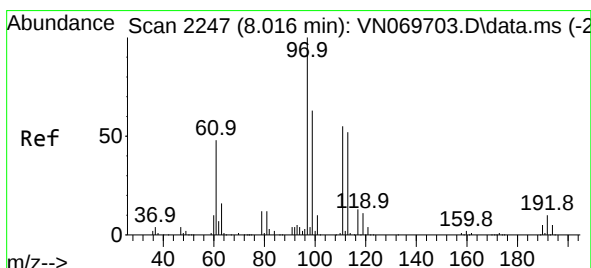
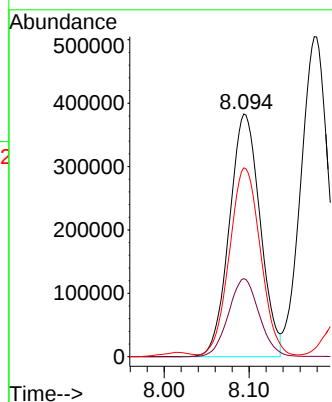
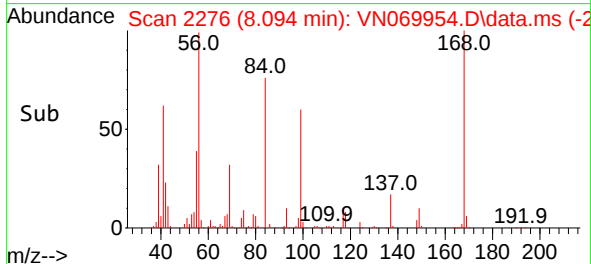
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 96557
Ion Ratio Lower Upper
56 100
69 32.2 27.1 40.7
84 76.1 73.4 110.0

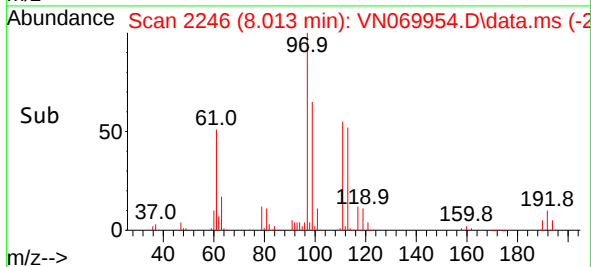
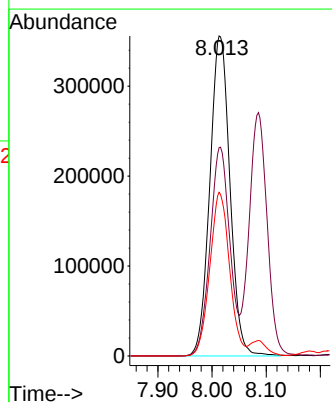
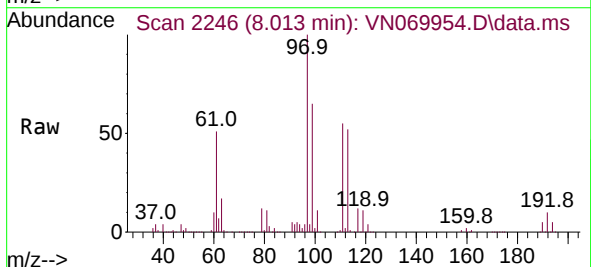
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 47.897 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion: 97 Resp: 917612
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.853 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069954.D

Acq: 10 Dec 2021 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 75713

Ion Ratio Lower Upper

65 100

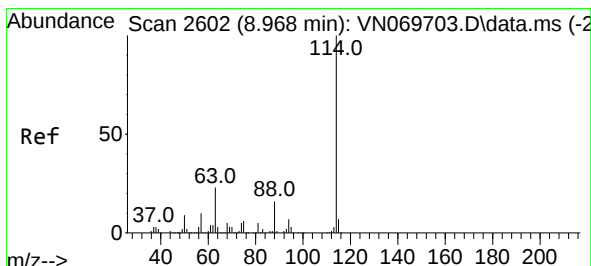
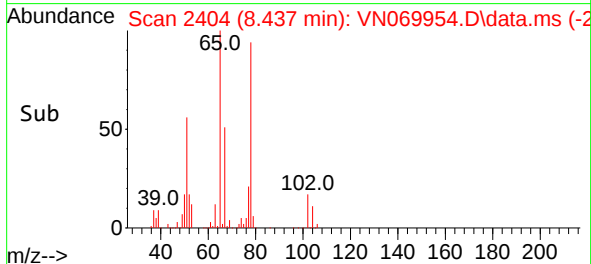
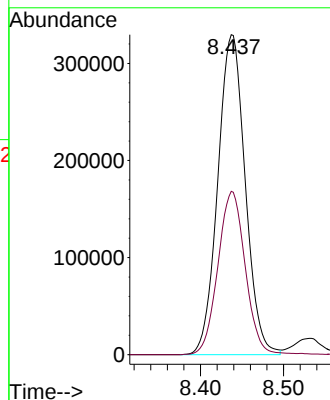
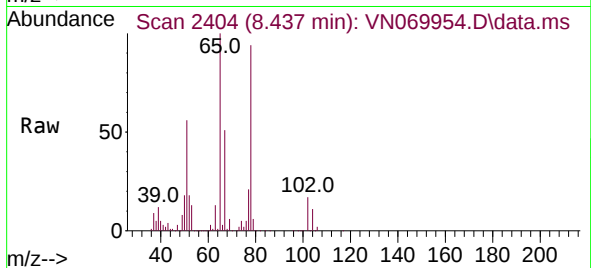
67 50.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069954.D

Acq: 10 Dec 2021 10:08

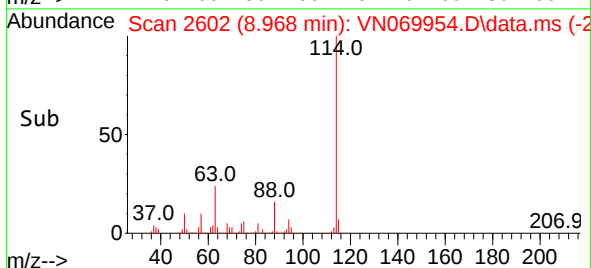
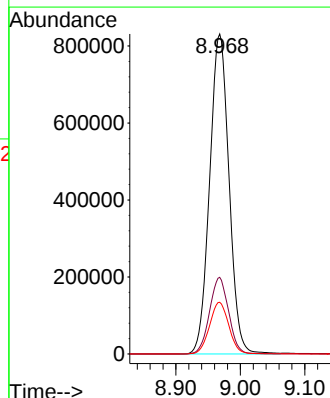
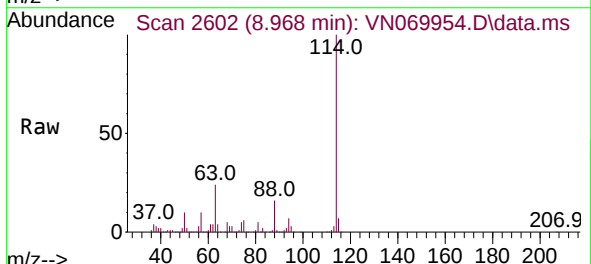
Tgt Ion:114 Resp: 1735193

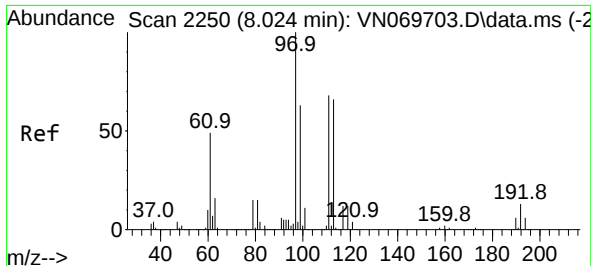
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

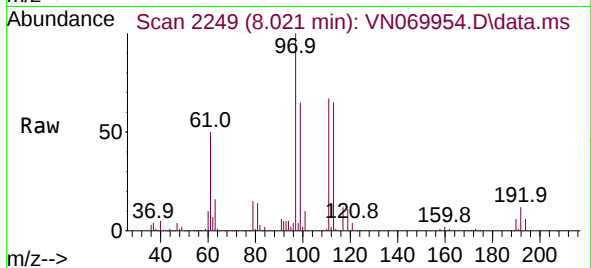
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.498 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

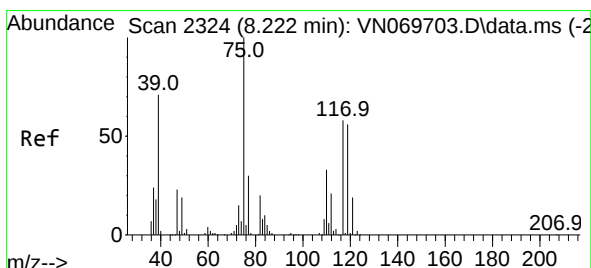
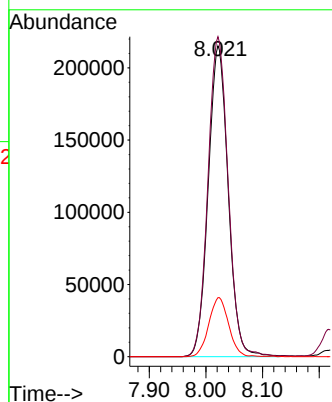
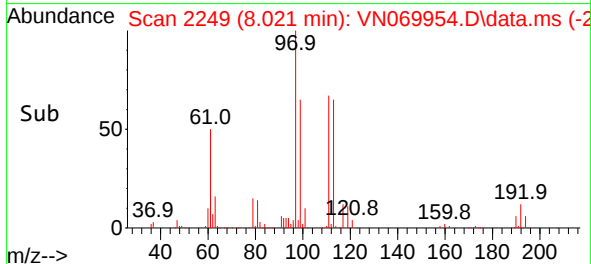
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 52712
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 18.8 16.9 25.3

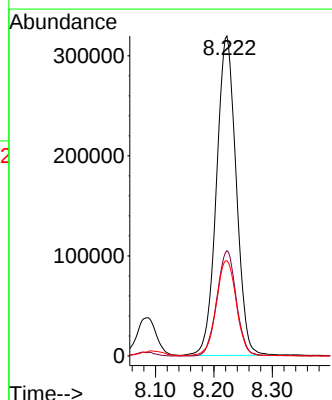
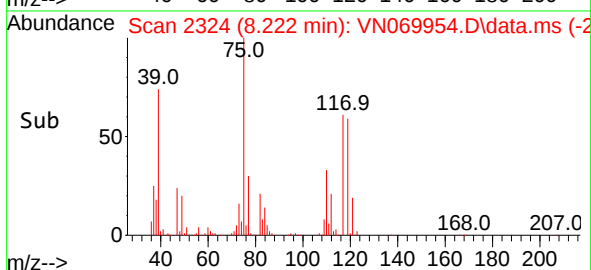
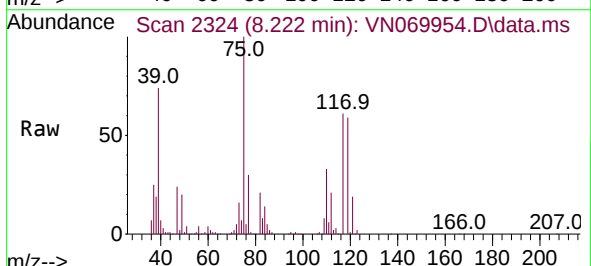
Manual Integrations
APPROVED

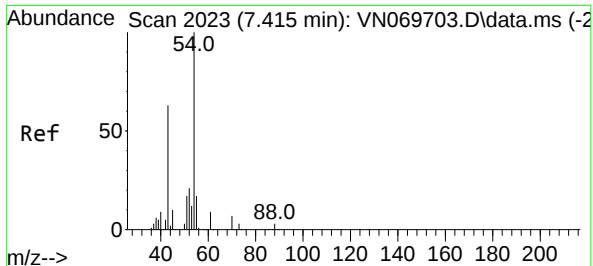
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 45.273 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion: 75 Resp: 747839
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 30.3 24.4 36.6





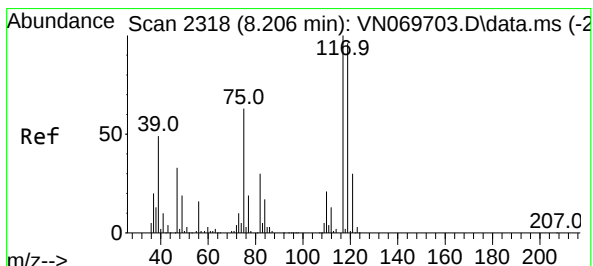
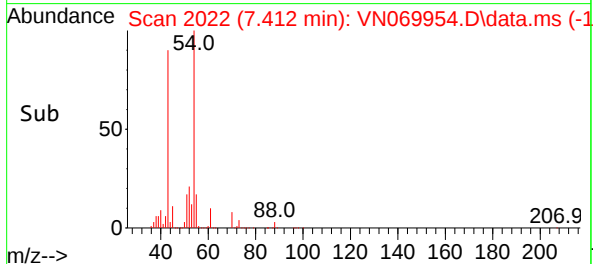
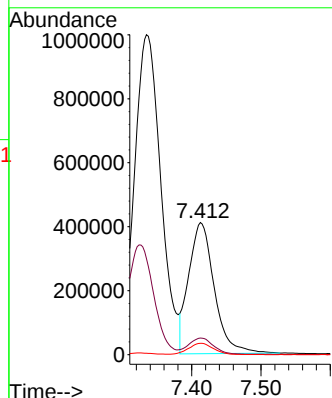
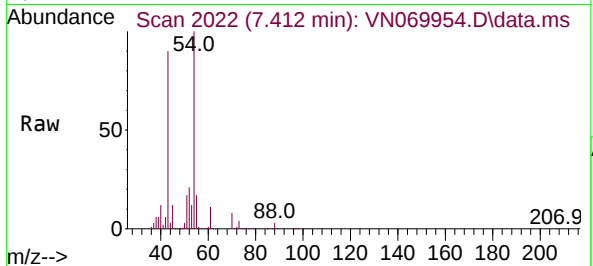
#37
Ethyl Acetate
Concen: 42.829 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1052969
Ion Ratio Lower Upper
43 100
61 11.9 11.5 17.3
70 8.3 7.9 11.9

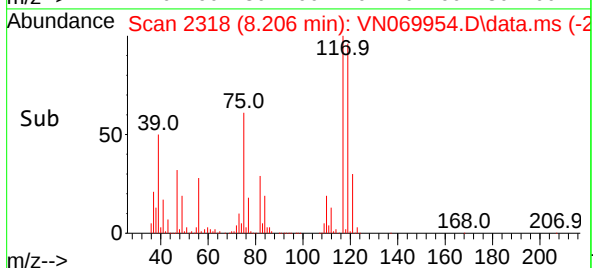
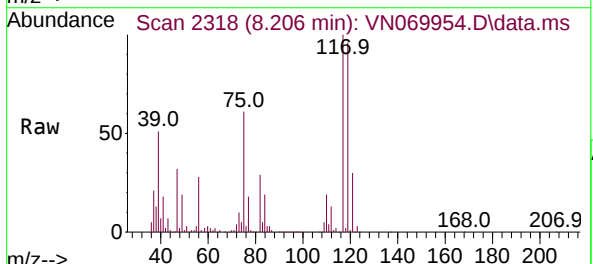
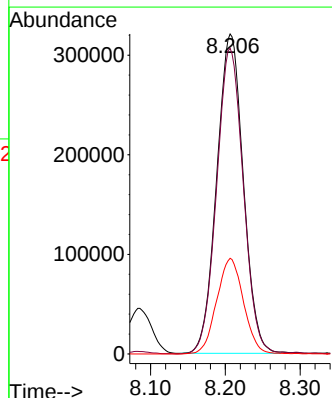
Manual Integrations
APPROVED

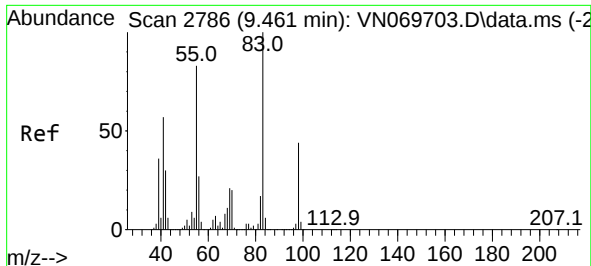
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 48.844 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

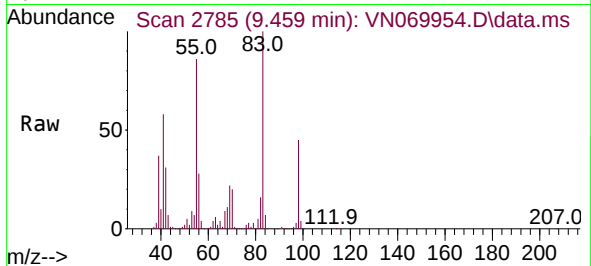
Tgt Ion:117 Resp: 791198
Ion Ratio Lower Upper
117 100
119 95.6 76.1 114.1
121 29.9 24.2 36.2





#39
Methylcyclohexane
Concen: 43.935 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

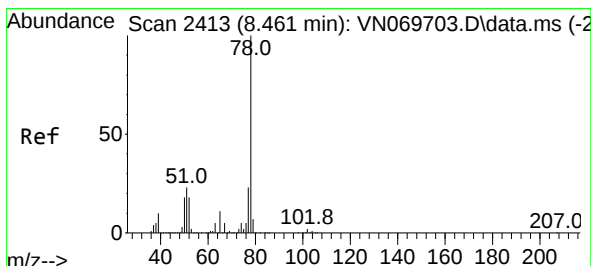
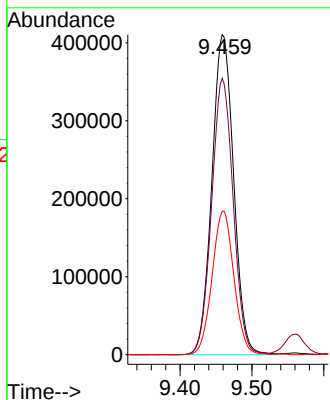
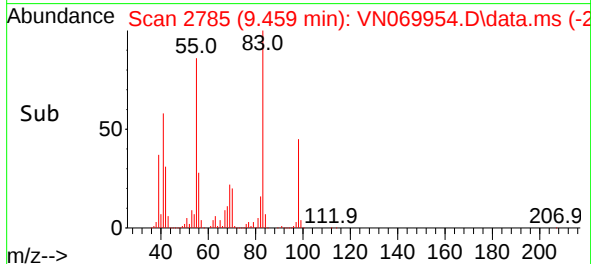
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 86325
Ion Ratio Lower Upper
83 100
55 86.4 58.1 87.1
98 44.7 38.4 57.6

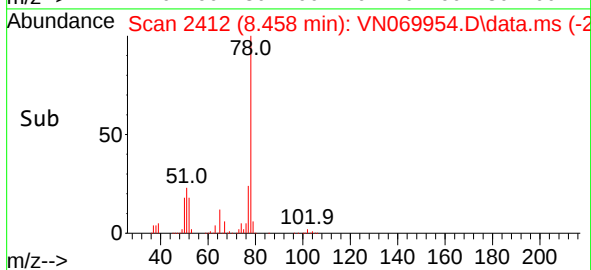
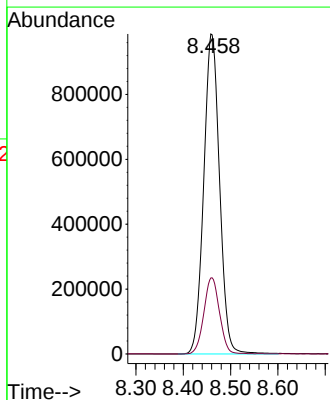
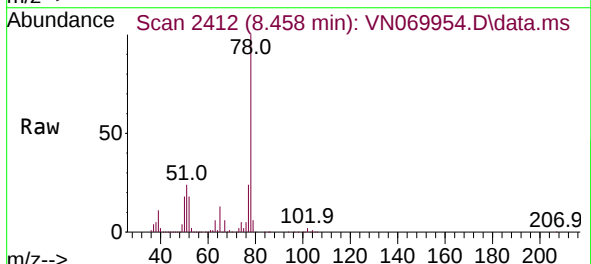
Manual Integrations
APPROVED

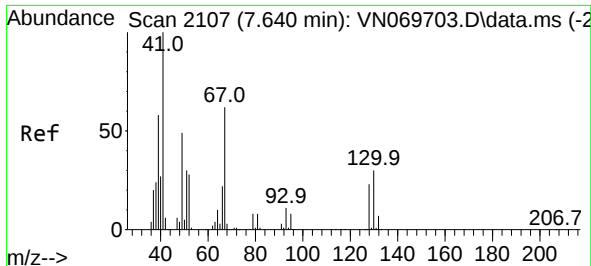
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#40
Benzene
Concen: 45.439 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

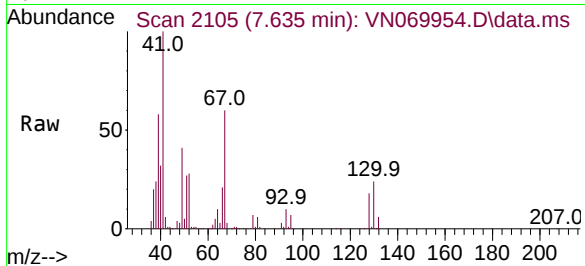
Tgt Ion: 78 Resp: 2294224
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 46.154 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

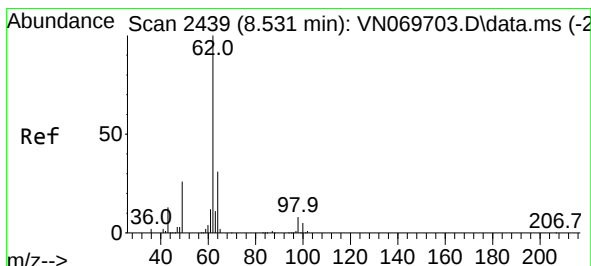
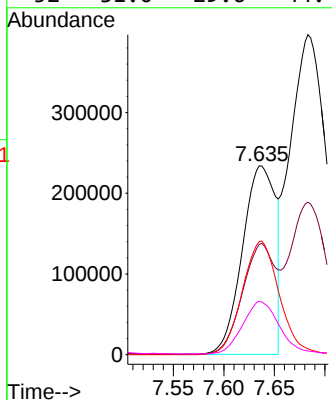
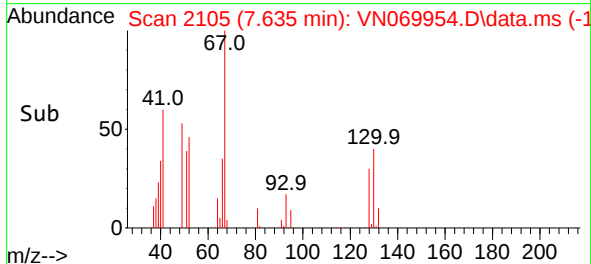
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 532678
Ion Ratio Lower Upper
41 100
39 60.5 48.1 72.1
67 67.5 68.3 102.5
52 31.0 29.6 44.4

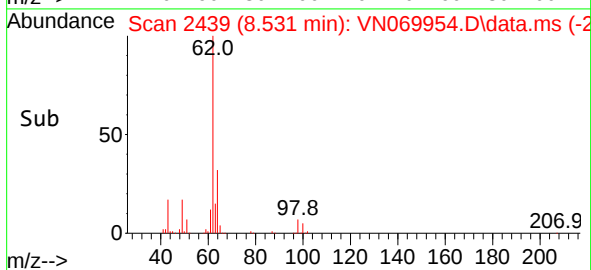
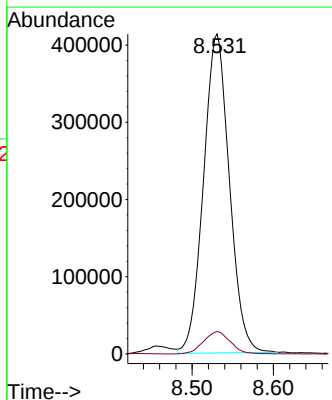
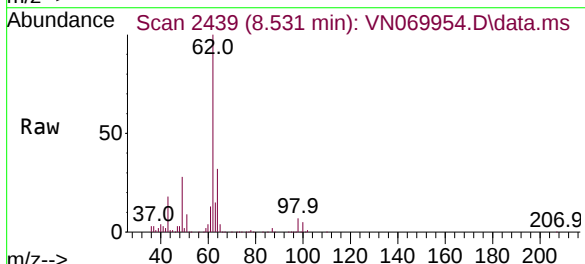
Manual Integrations
APPROVED

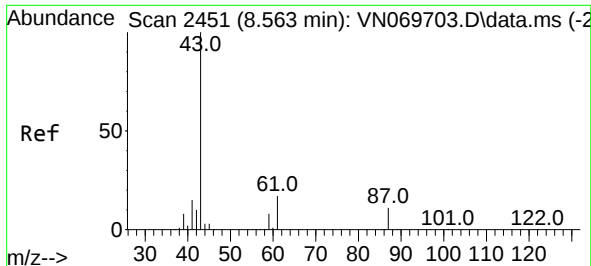
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 44.846 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion: 62 Resp: 914058
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





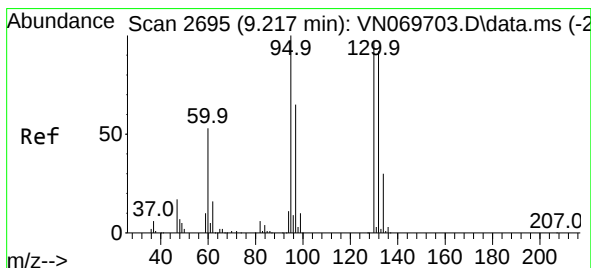
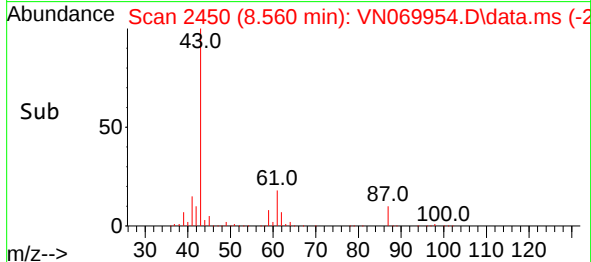
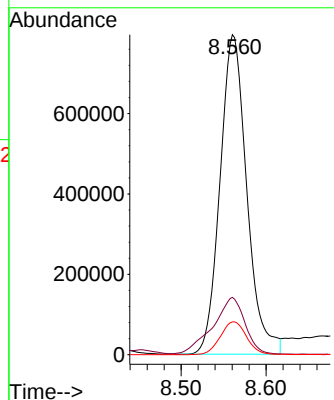
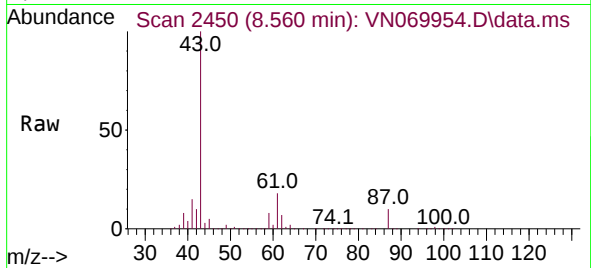
#43
Isopropyl Acetate
Concen: 47.938 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 174411
Ion Ratio Lower Upper
43 100
61 21.5 20.4 30.6
87 10.1 11.2 16.8

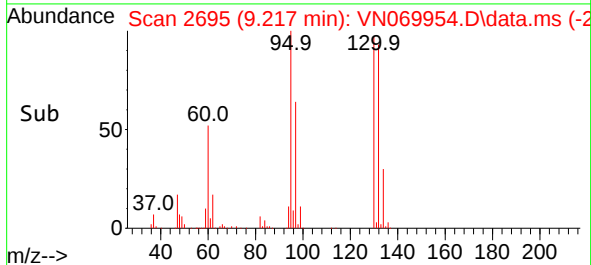
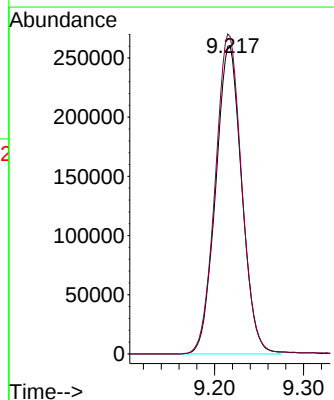
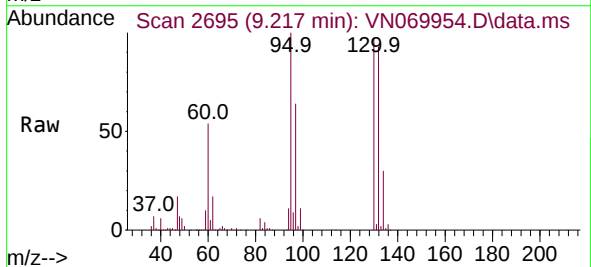
Manual Integrations
APPROVED

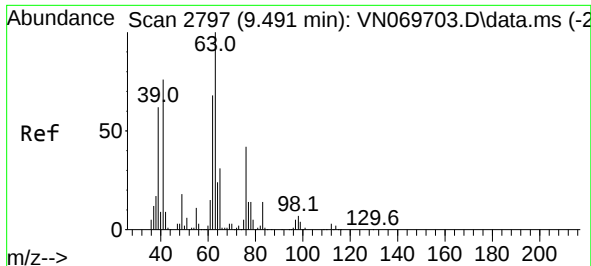
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 44.007 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion:130 Resp: 530333
Ion Ratio Lower Upper
130 100
95 102.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.930 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN069954.D

Acq: 10 Dec 2021 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 636300

Ion Ratio Lower Upper

63 100

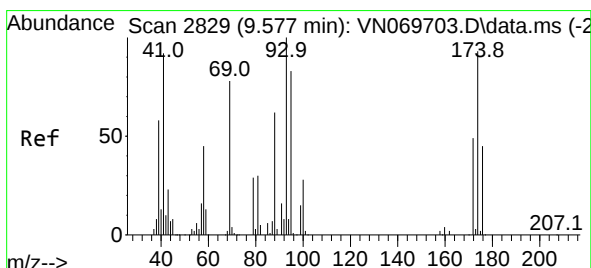
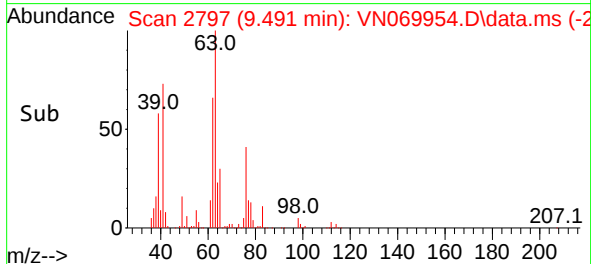
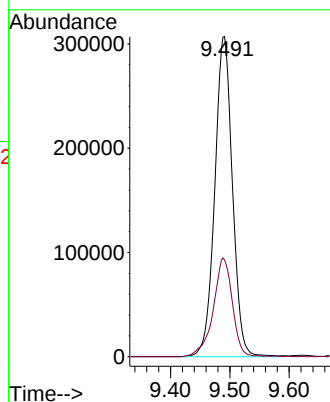
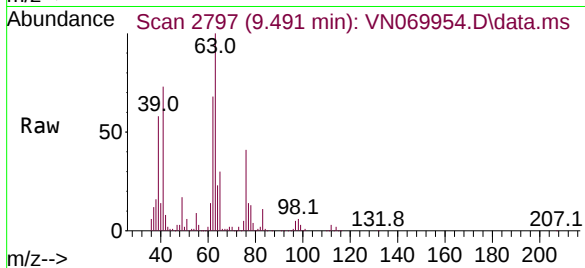
65 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 46.147 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069954.D

Acq: 10 Dec 2021 10:08

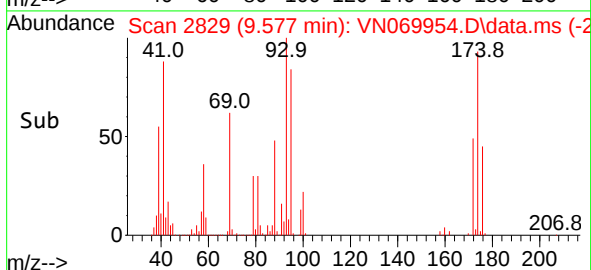
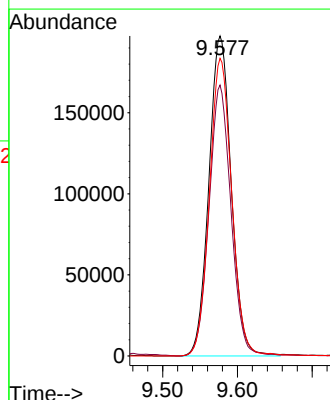
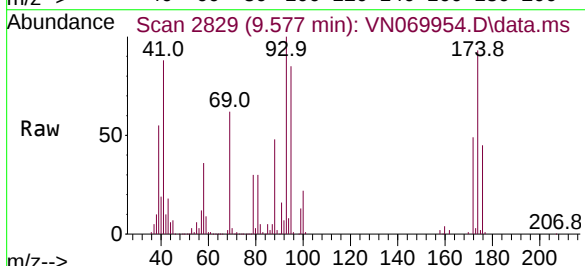
Tgt Ion: 93 Resp: 410346

Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

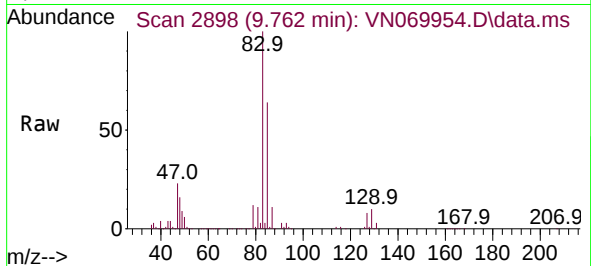
174 93.0 84.6 127.0





#47
Bromodichloromethane
Concen: 51.220 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

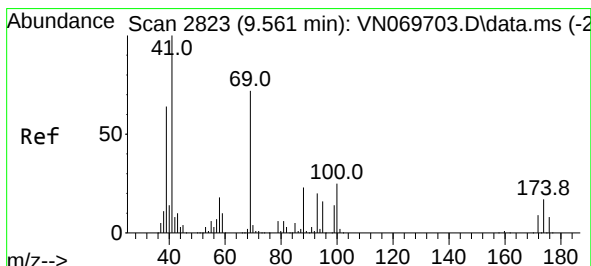
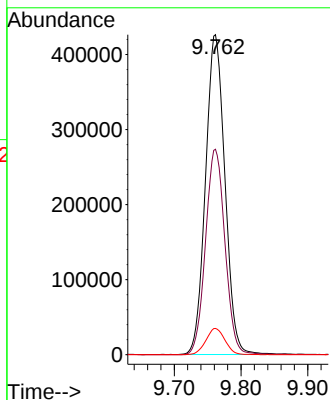
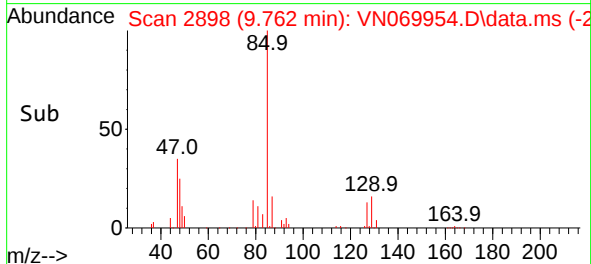
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 862349
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 8.2 7.1 10.7

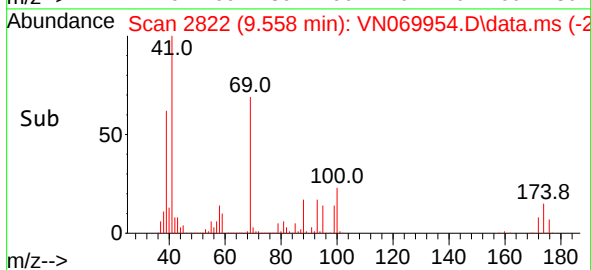
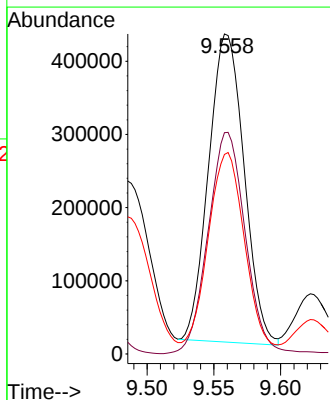
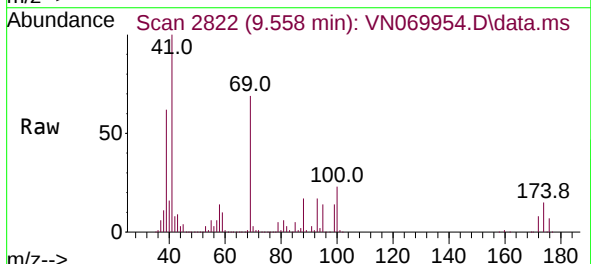
Manual Integrations
APPROVED

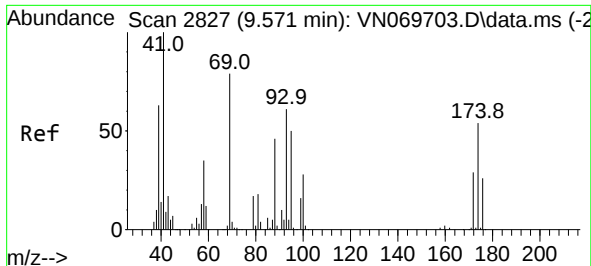
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 45.898 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

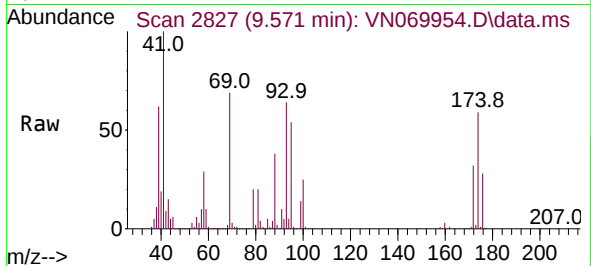
Tgt Ion: 41 Resp: 779302
Ion Ratio Lower Upper
41 100
69 75.4 72.4 108.6
39 67.7 58.4 87.6





#49
1,4-Dioxane
Concen: 757.204 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

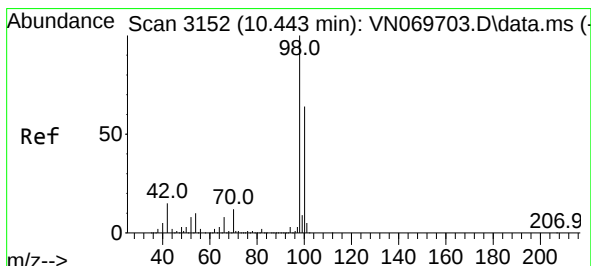
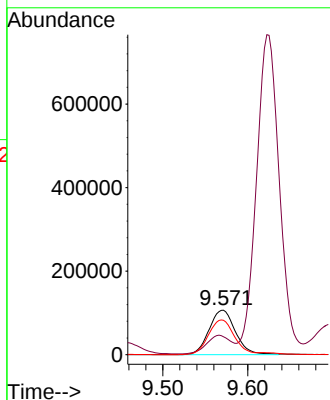
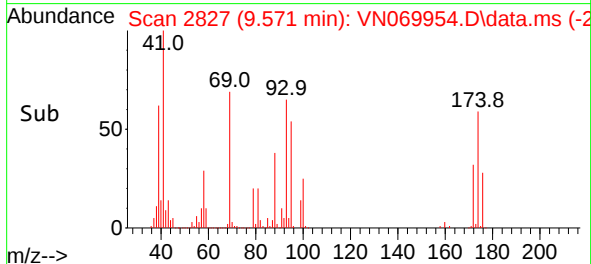
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 230680
Ion Ratio Lower Upper
88 100
43 39.5 23.4 35.2
58 76.4 50.6 75.8

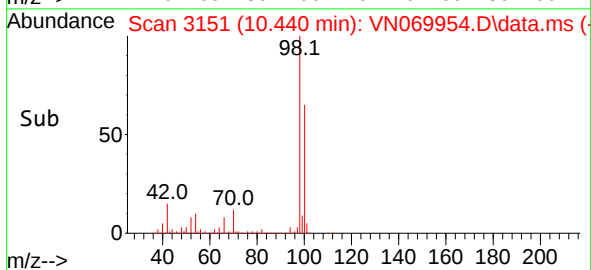
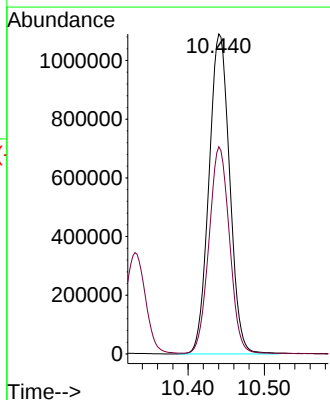
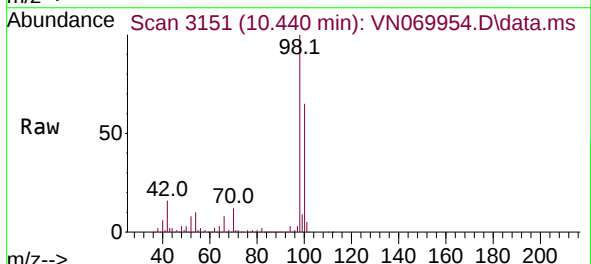
Manual Integrations
APPROVED

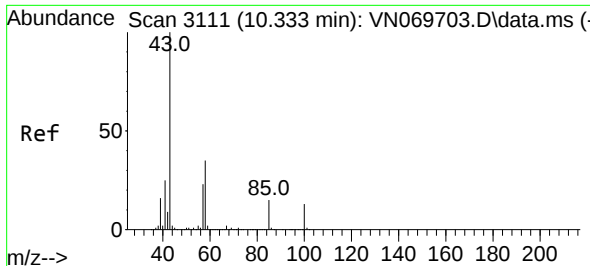
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#50
Toluene-d8
Concen: 47.159 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion: 98 Resp: 2058127
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6





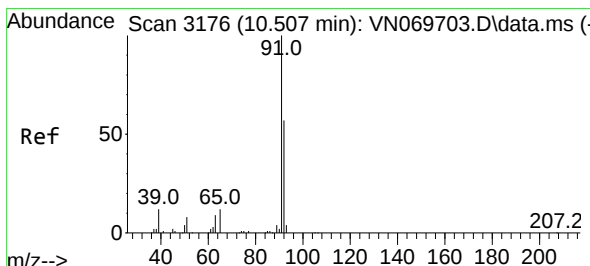
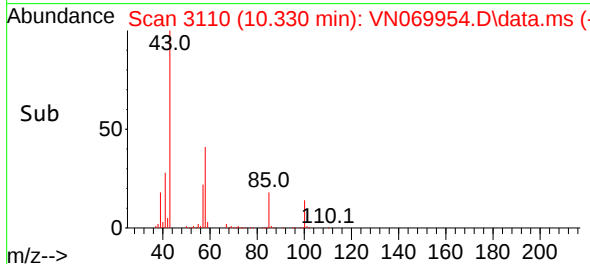
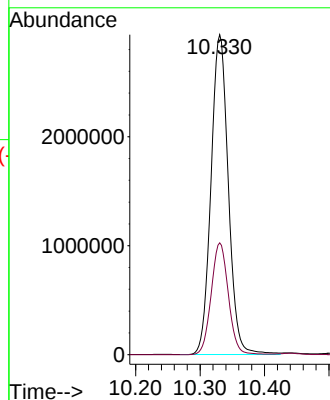
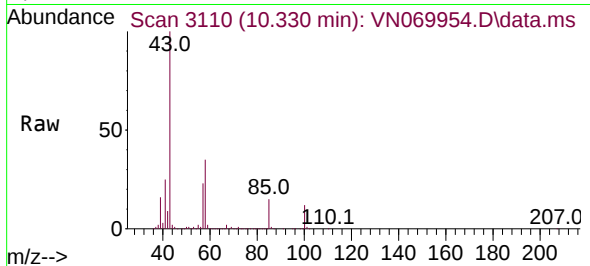
#51
4-Methyl-2-Pentanone
Concen: 232.124 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 5478709
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

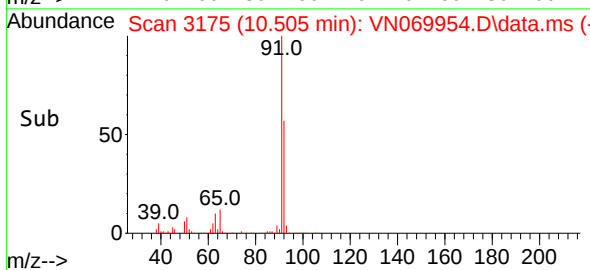
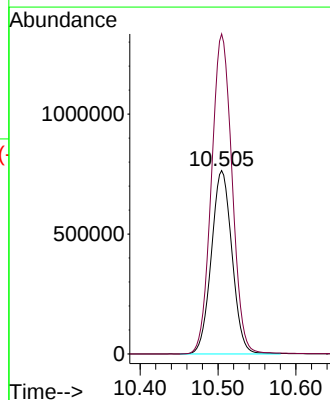
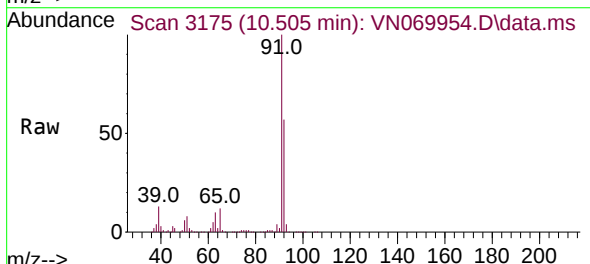
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 45.593 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion: 92 Resp: 1405416
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





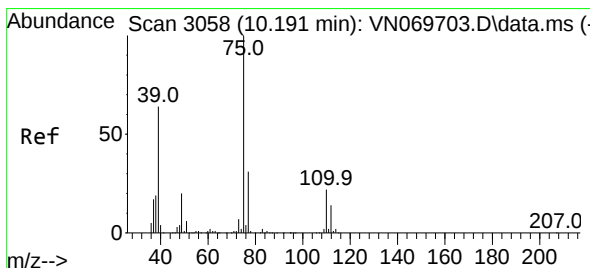
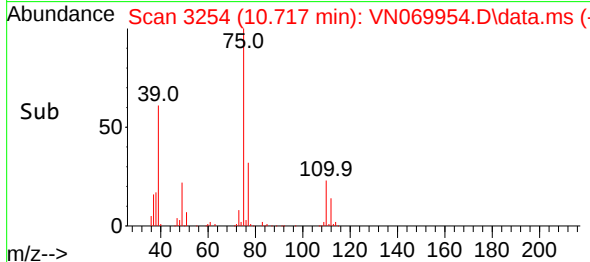
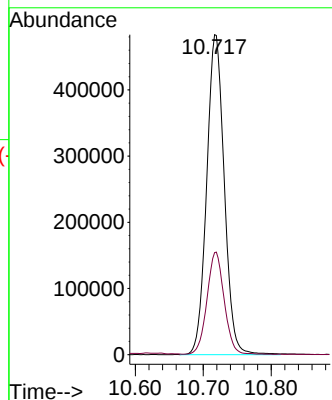
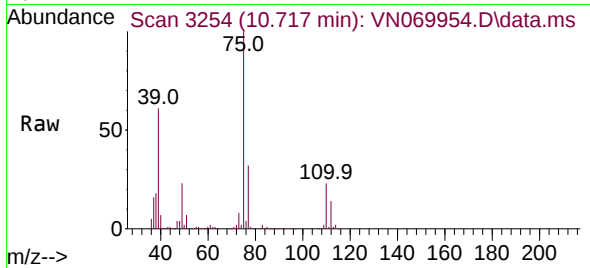
#53
t-1,3-Dichloropropene
Concen: 43.272 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 86830
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

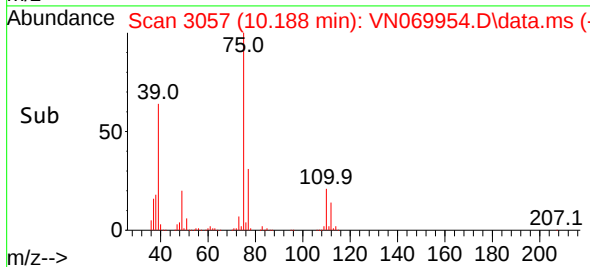
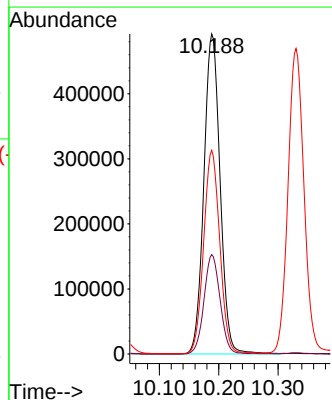
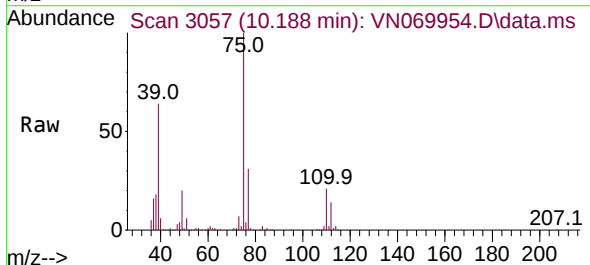
Manual Integrations
APPROVED

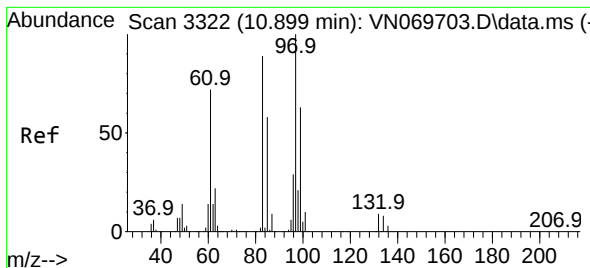
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 44.197 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

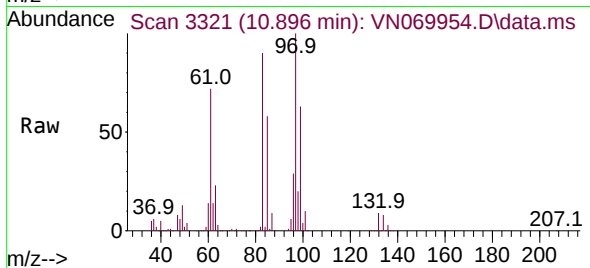
Tgt Ion: 75 Resp: 934270
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 63.6 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 45.934 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

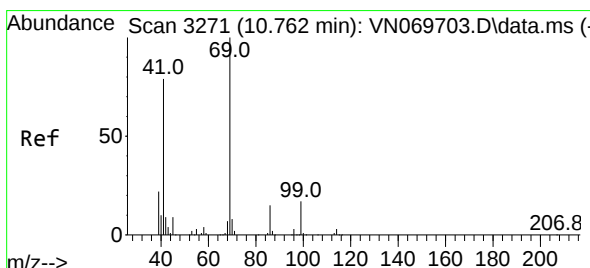
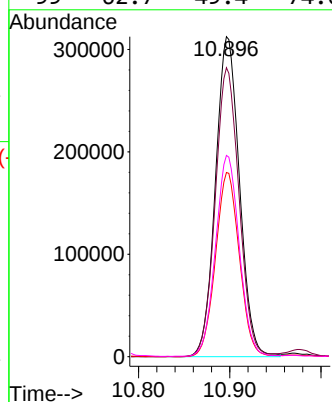
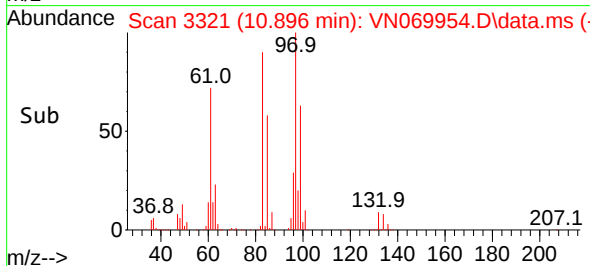
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



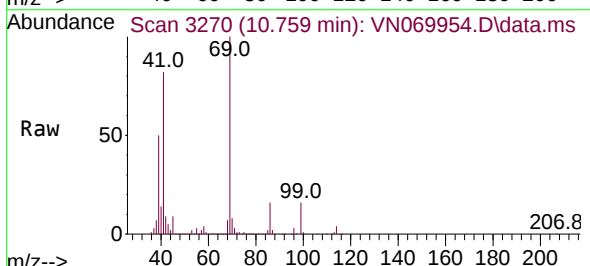
Tgt Ion:	97	Resp:	571294
Ion	Ratio	Lower	Upper
97	100		
83	90.3	67.8	101.6
85	57.6	45.4	68.2
99	62.7	49.4	74.0

Manual Integrations
APPROVED

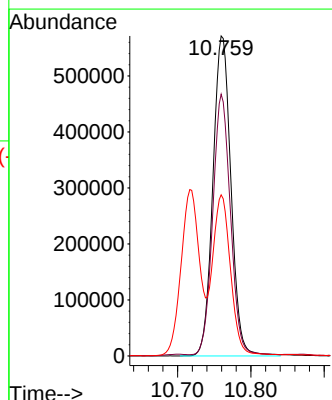
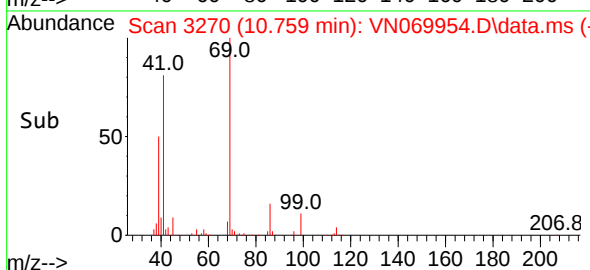
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#56
Ethyl methacrylate
Concen: 42.088 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



Tgt Ion:	69	Resp:	978839
Ion	Ratio	Lower	Upper
69	100		
41	79.4	51.4	77.0#
39	48.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 45.847 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069954.D

Acq: 10 Dec 2021 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 100403

Ion Ratio Lower Upper

76 100

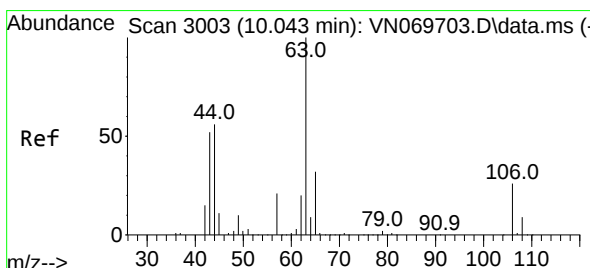
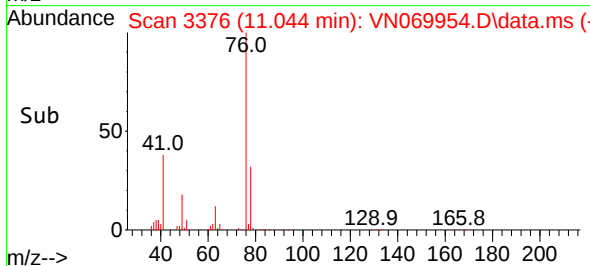
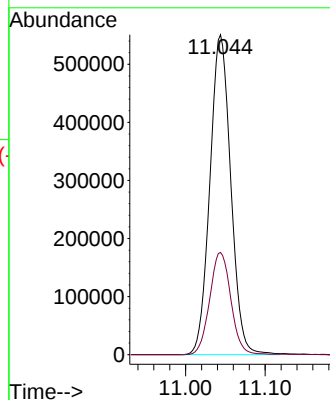
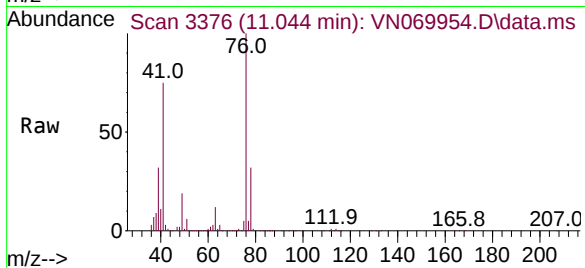
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 211.958 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069954.D

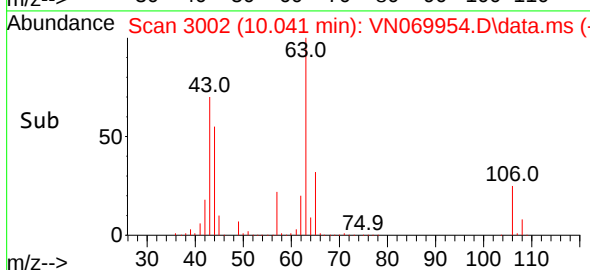
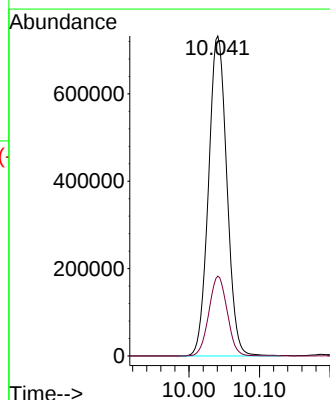
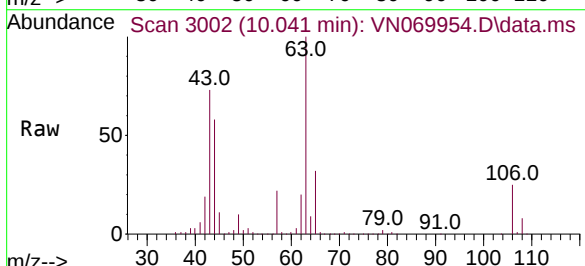
Acq: 10 Dec 2021 10:08

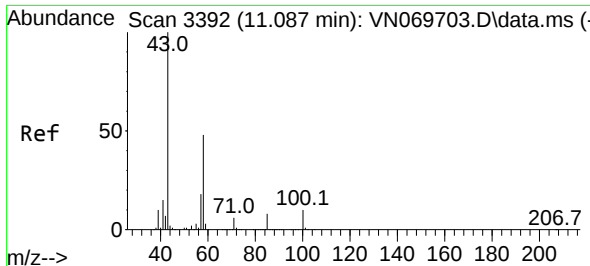
Tgt Ion: 63 Resp: 1324103

Ion Ratio Lower Upper

63 100

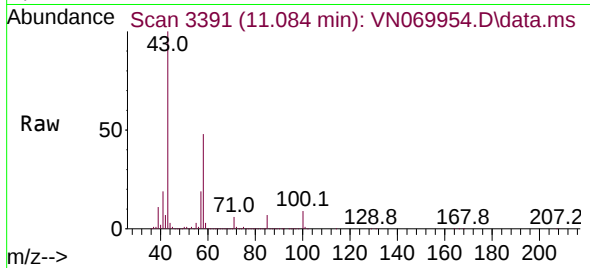
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 220.340 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

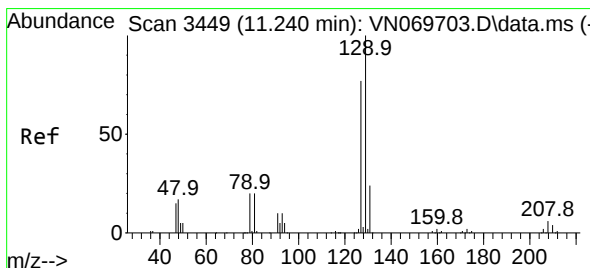
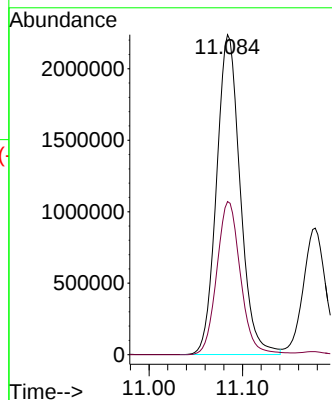
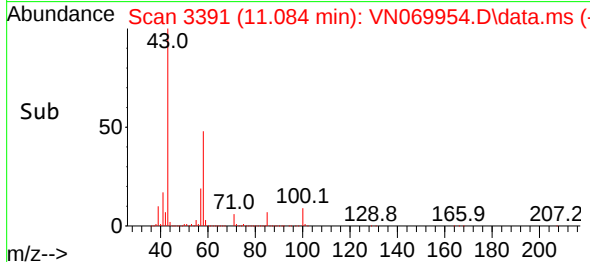
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3934080
Ion Ratio Lower Upper
43 100
58 48.1 26.9 80.7

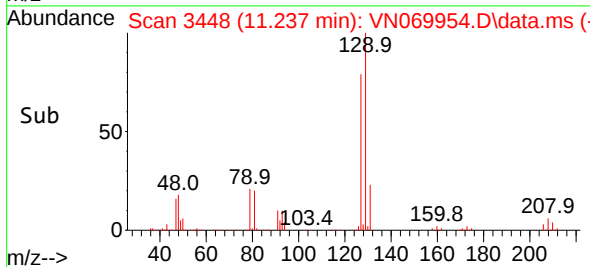
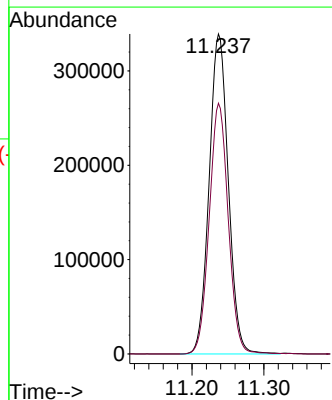
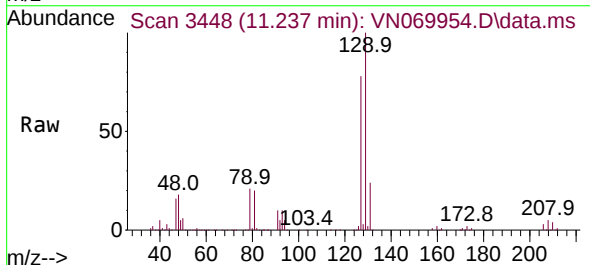
Manual Integrations
APPROVED

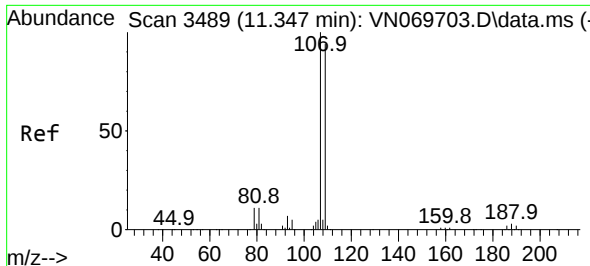
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 47.271 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

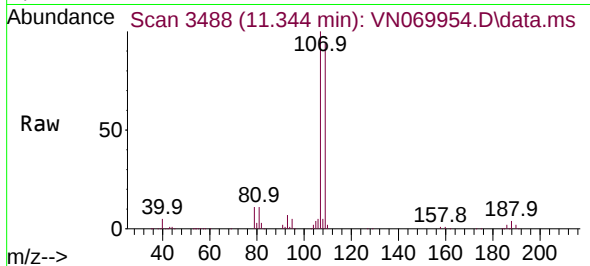
Tgt Ion:129 Resp: 628131
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.813 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

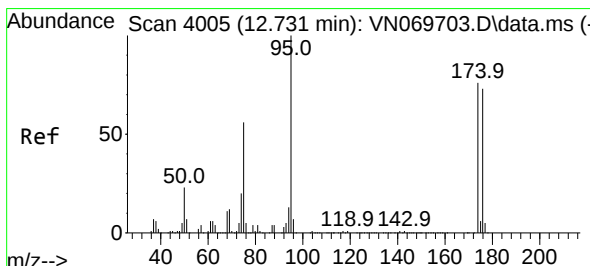
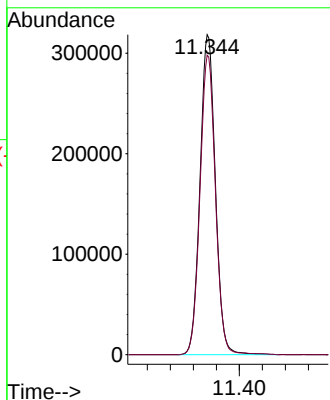
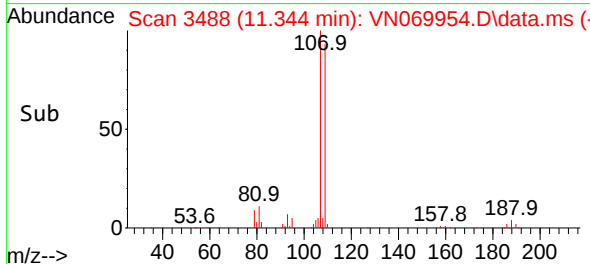
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 590168
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5

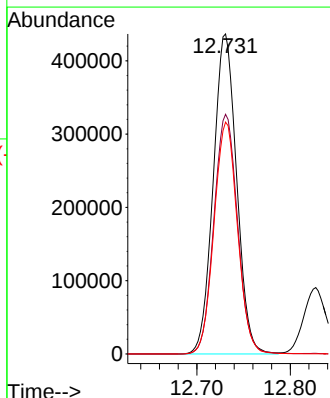
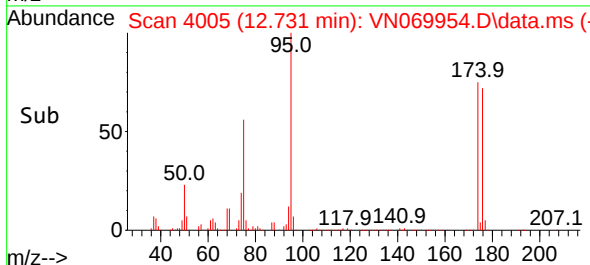
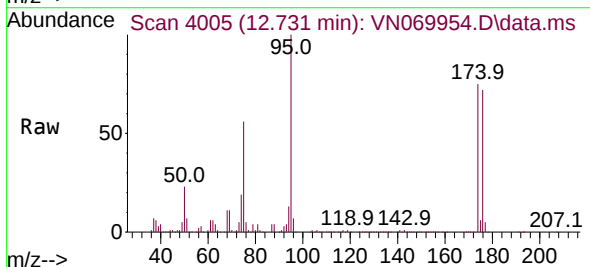
Manual Integrations
APPROVED

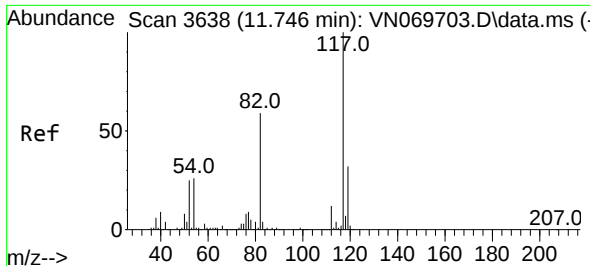
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 48.091 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

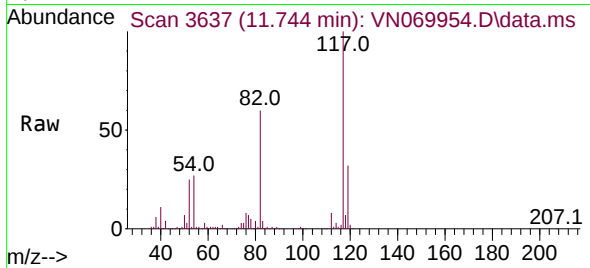
Tgt Ion: 95 Resp: 760350
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

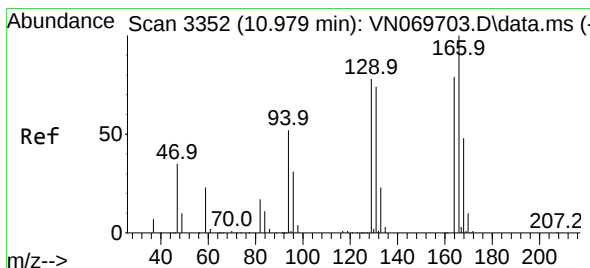
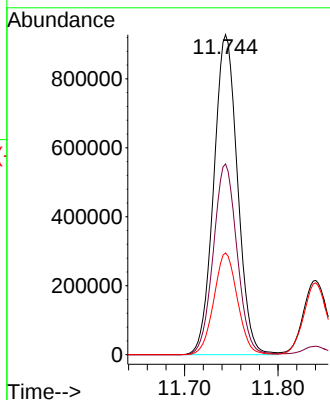
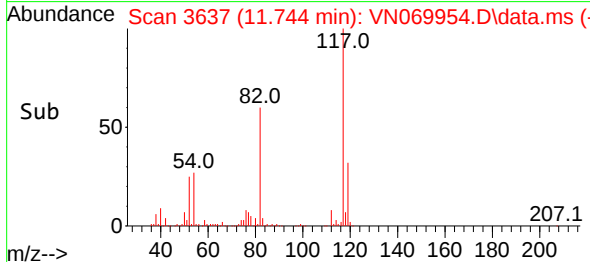
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



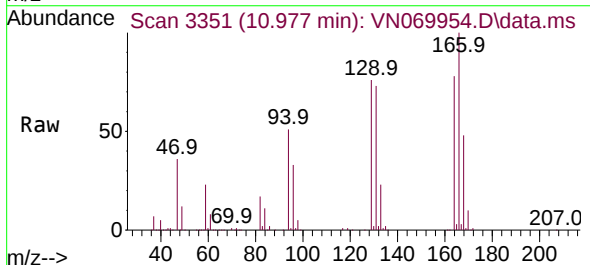
Tgt Ion:117 Resp: 1644562
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
APPROVED

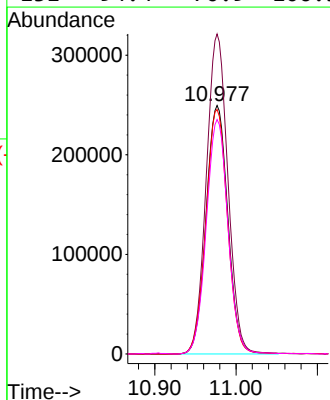
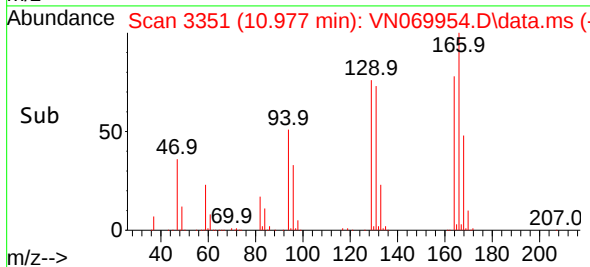
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#64
Tetrachloroethene
Concen: 41.680 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



Tgt Ion:164 Resp: 464785
Ion Ratio Lower Upper
164 100
166 128.8 101.9 152.9
129 98.4 72.0 108.0
131 94.4 70.9 106.3





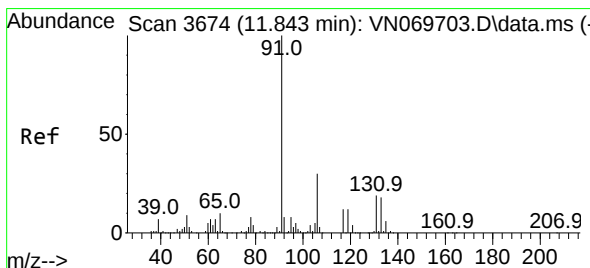
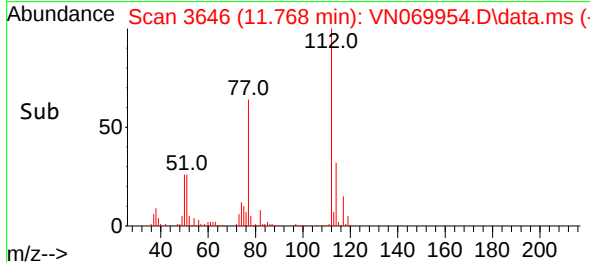
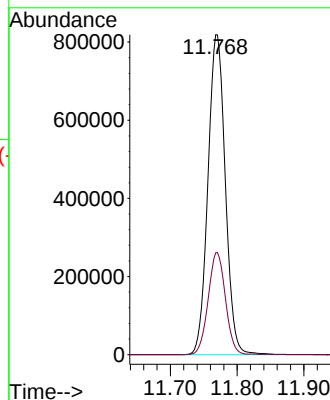
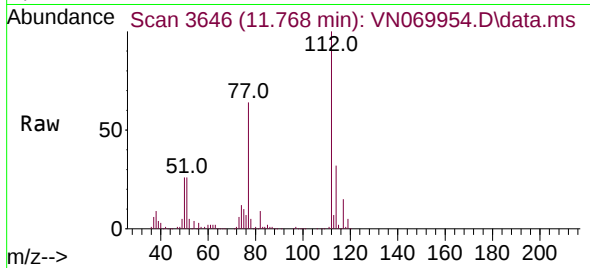
#65
Chlorobenzene
Concen: 44.348 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 147958
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

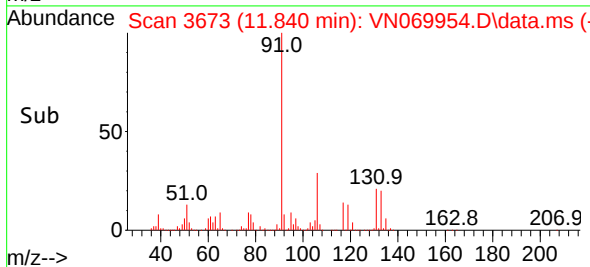
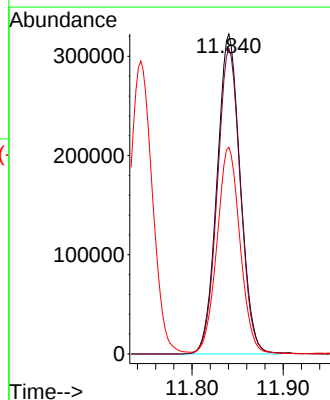
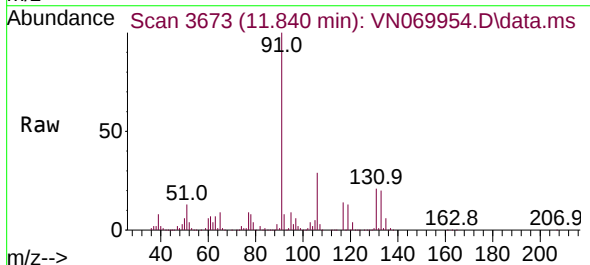
Manual Integrations
APPROVED

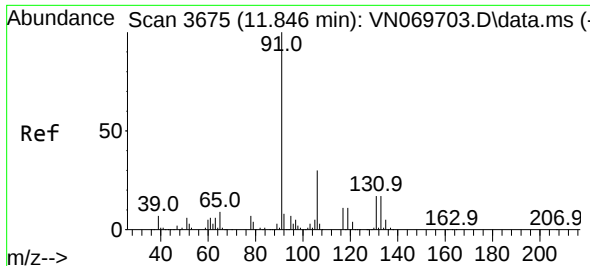
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 48.573 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

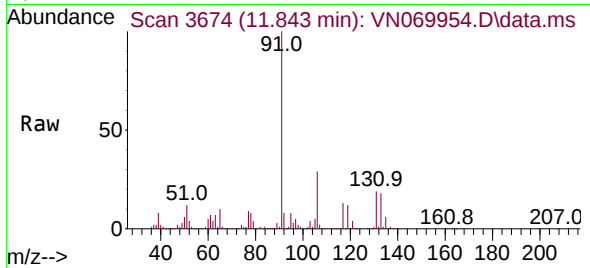
Tgt Ion:131 Resp: 570379
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 45.841 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

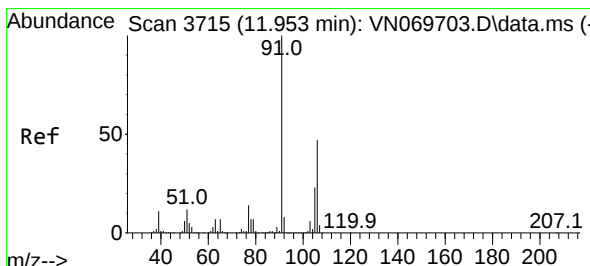
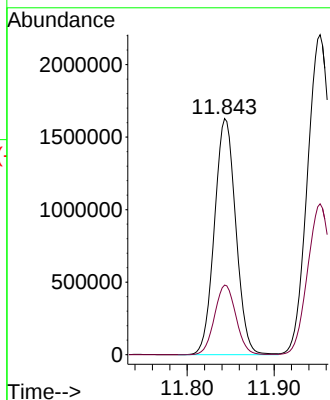
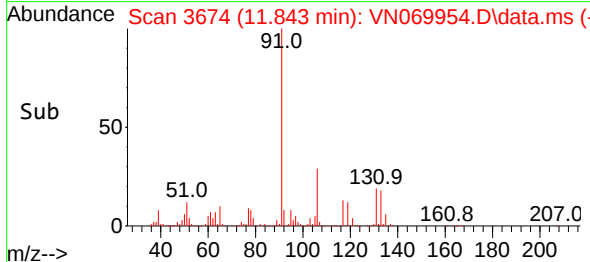
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 277815
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

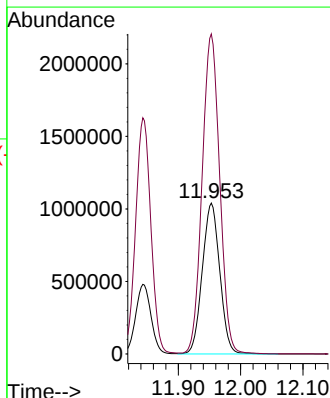
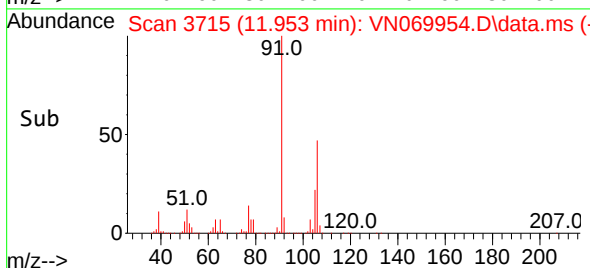
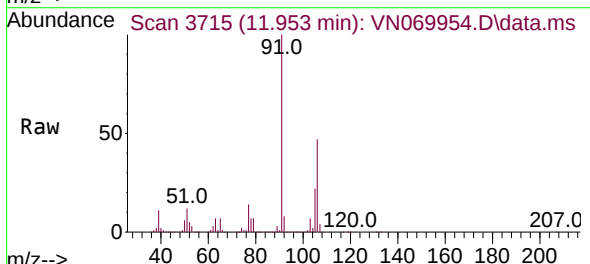
Manual Integrations
APPROVED

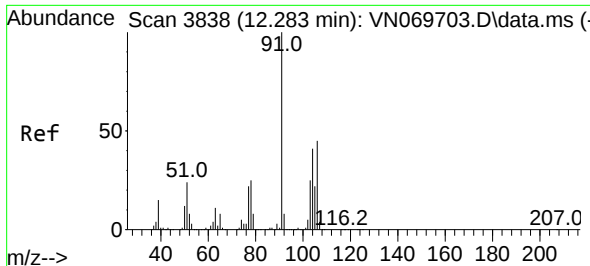
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 91.789 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion:106 Resp: 2025451
Ion Ratio Lower Upper
106 100
91 213.1 160.6 240.8





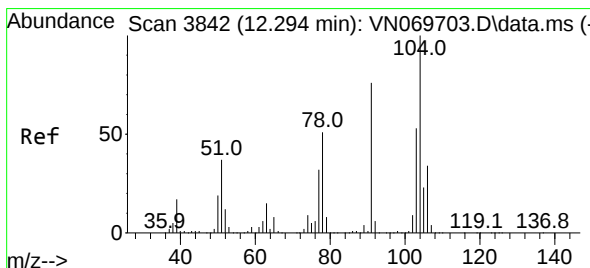
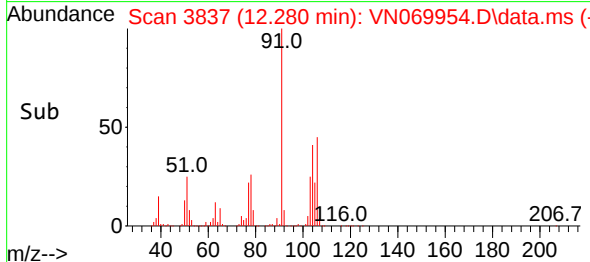
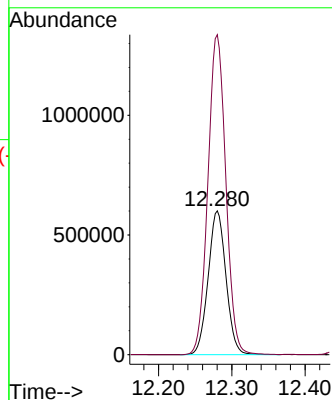
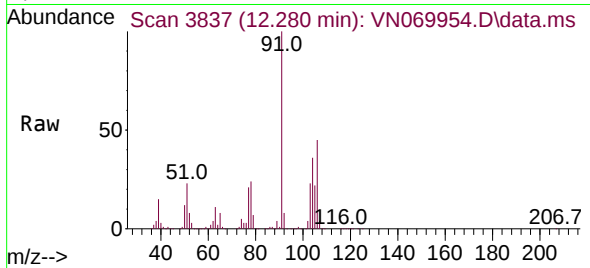
#69
o-Xylene
Concen: 45.697 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1015680
Ion Ratio Lower Upper
106 100
91 223.4 105.8 317.3

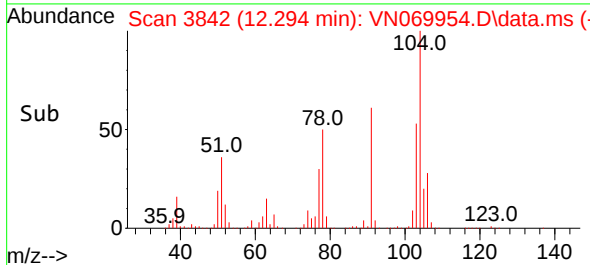
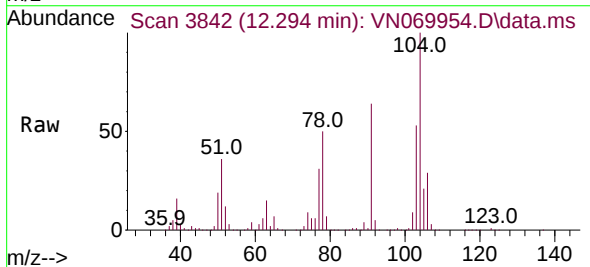
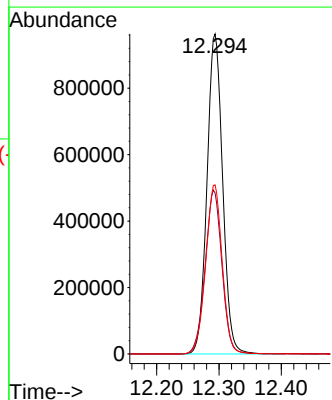
Manual Integrations
APPROVED

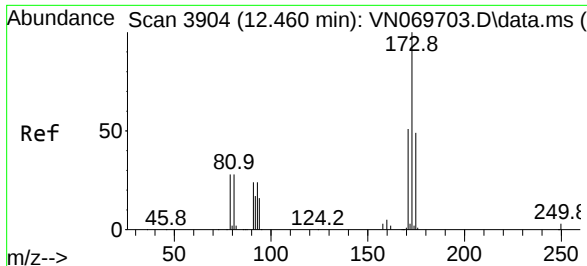
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 47.710 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

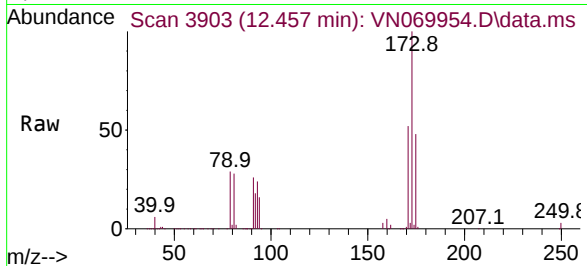
Tgt Ion:104 Resp: 1681519
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 47.940 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

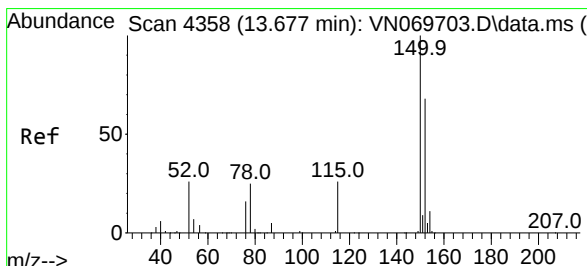
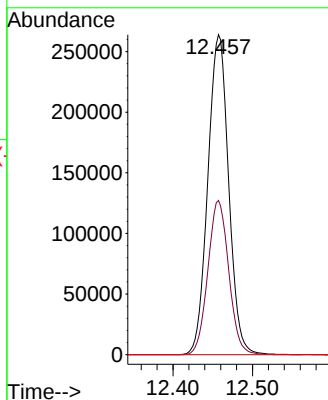
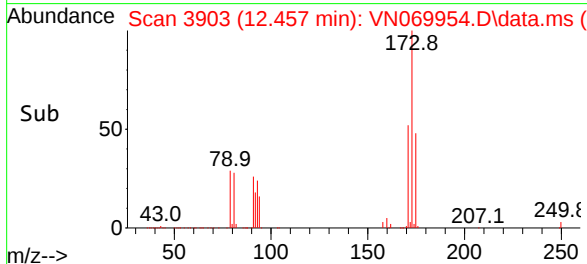
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



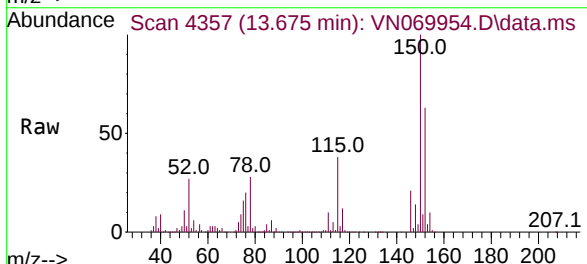
Tgt Ion:173 Resp: 480295
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

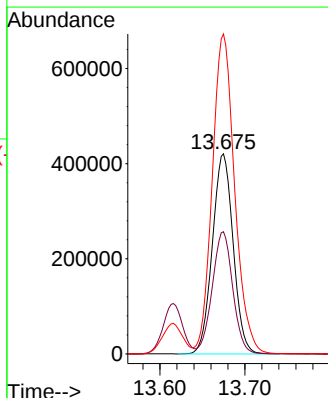
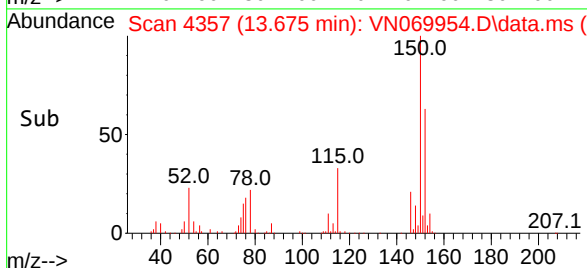
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

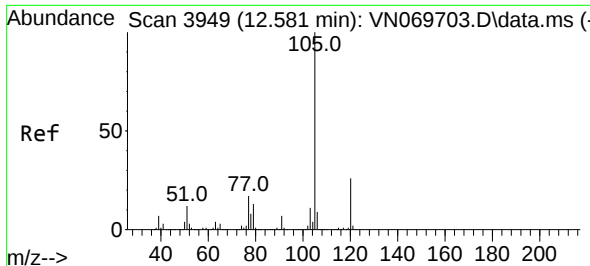


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



Tgt Ion:152 Resp: 716337
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 171.6 0.0 344.4





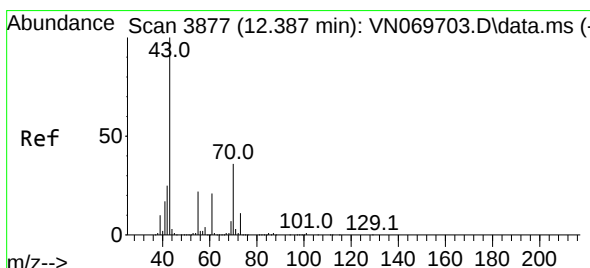
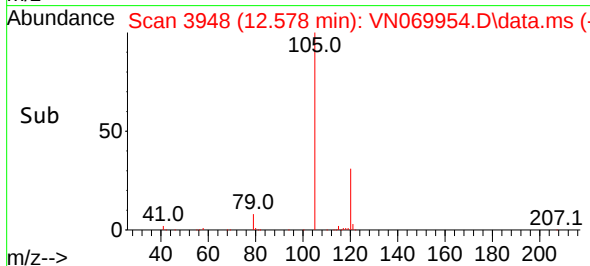
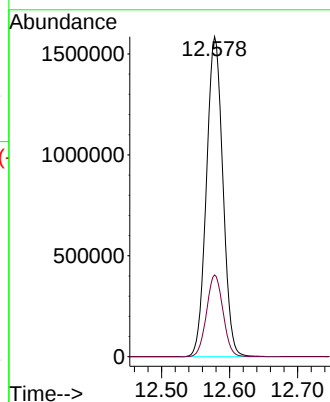
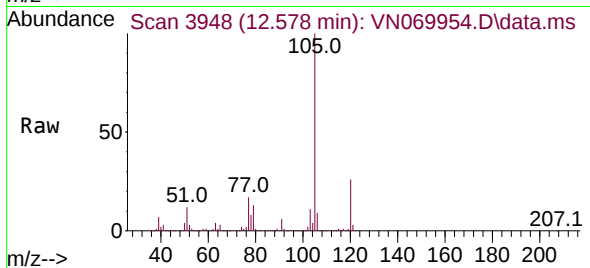
#73
Isopropylbenzene
Concen: 41.727 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 265942
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

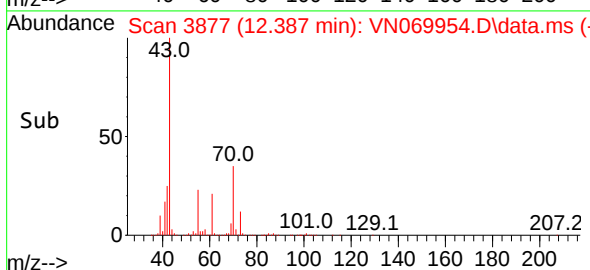
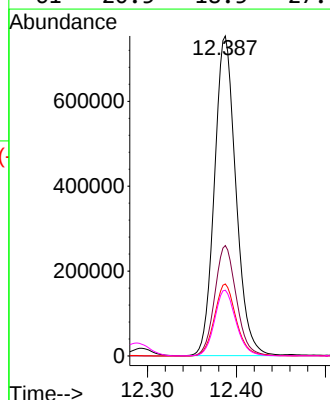
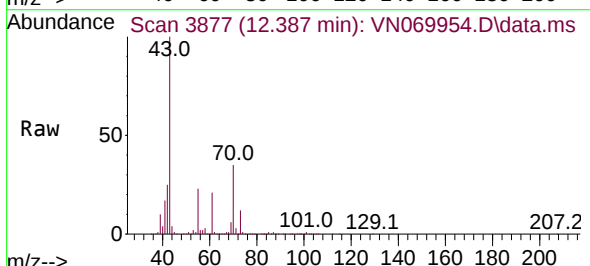
Manual Integrations
APPROVED

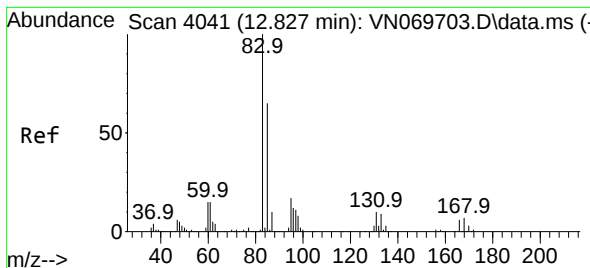
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#74
N-ethyl acetate
Concen: 44.695 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

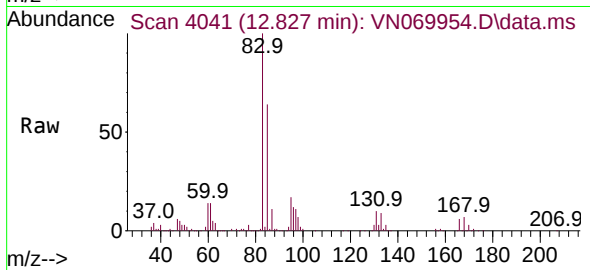
Tgt Ion: 43 Resp: 1259747
Ion Ratio Lower Upper
43 100
70 35.0 33.4 50.0
55 22.8 19.3 28.9
61 20.5 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 41.761 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

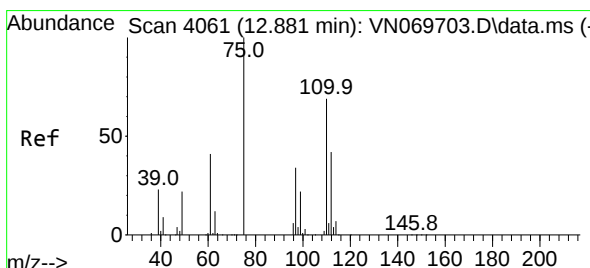
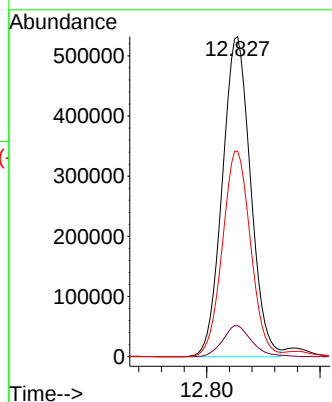
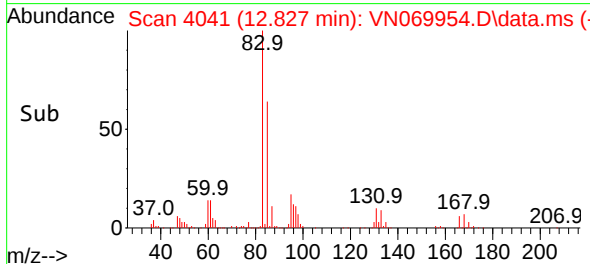
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



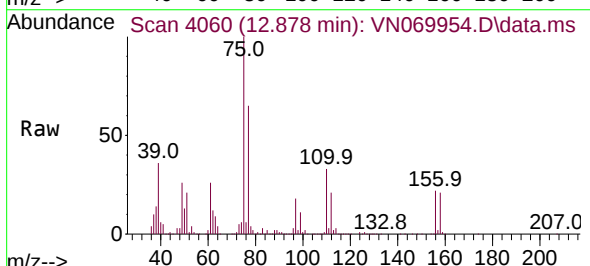
Tgt Ion: 83 Resp: 920390
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.4 32.4 97.2

Manual Integrations
APPROVED

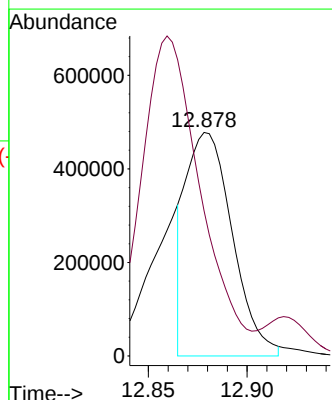
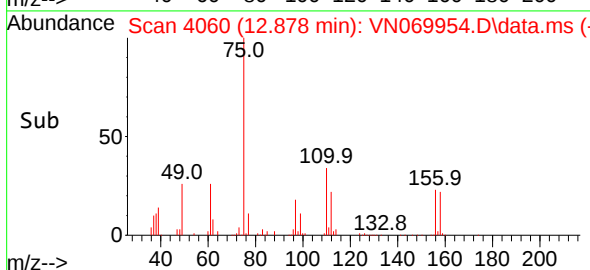
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

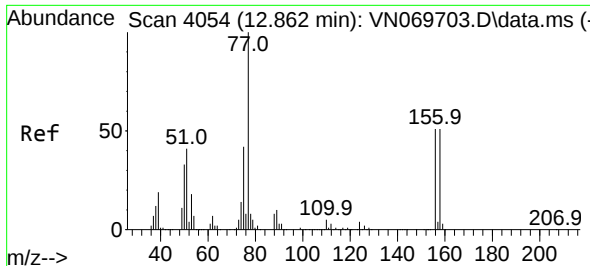


#76
1,2,3-Trichloropropane
Concen: 38.067 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



Tgt Ion: 75 Resp: 782008
Ion Ratio Lower Upper
75 100
77 182.6 82.6 247.8





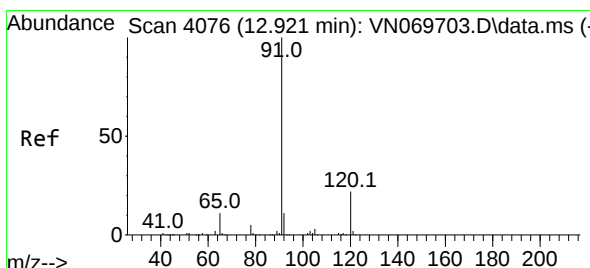
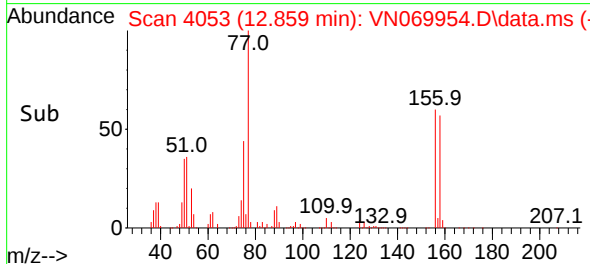
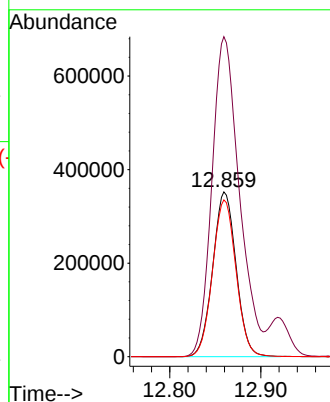
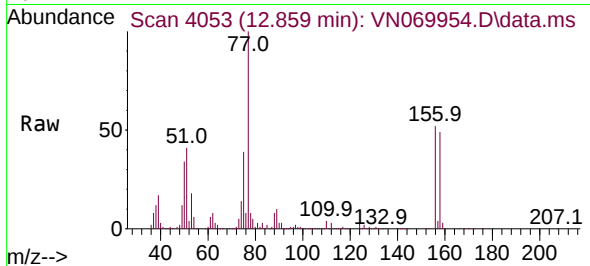
#77
Bromobenzene
Concen: 41.824 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 626114
Ion Ratio Lower Upper
156 100
77 228.0 90.6 271.8
158 96.0 48.9 146.7

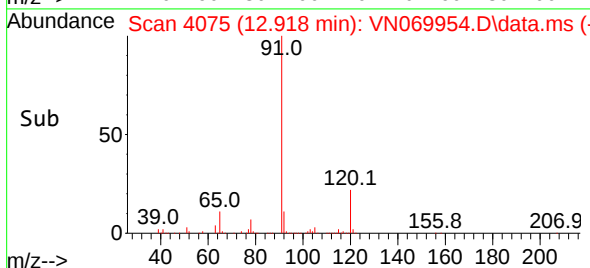
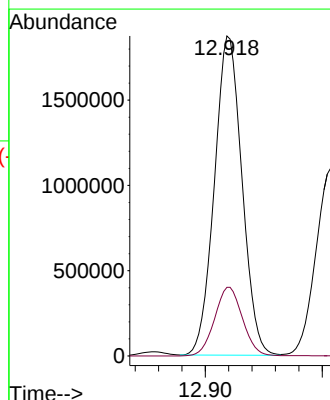
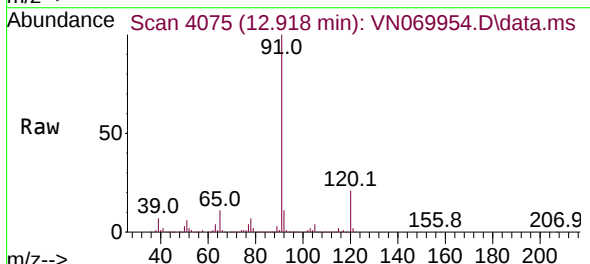
Manual Integrations
APPROVED

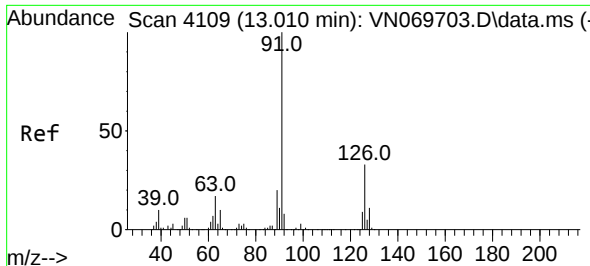
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 43.249 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Tgt Ion: 91 Resp: 3067287
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





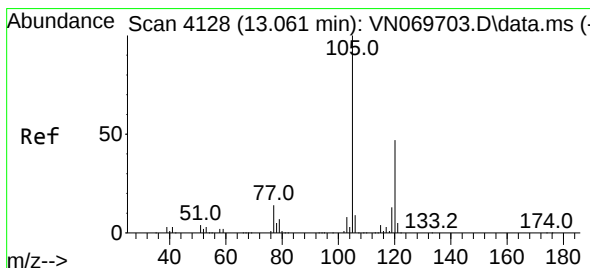
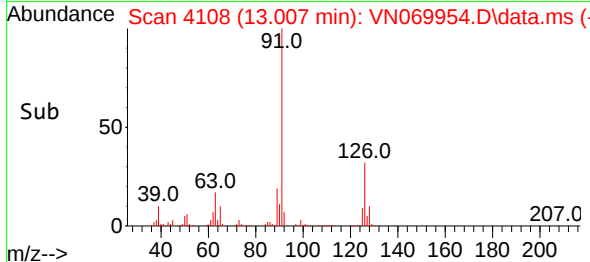
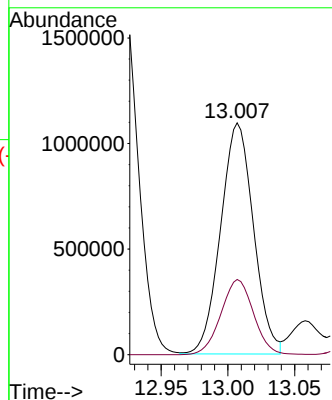
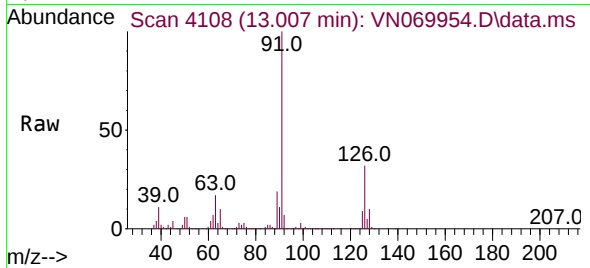
#79
2-Chlorotoluene
Concen: 41.866 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1876154
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

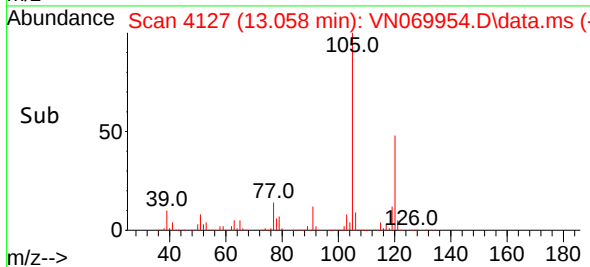
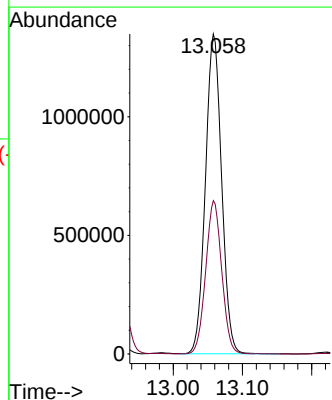
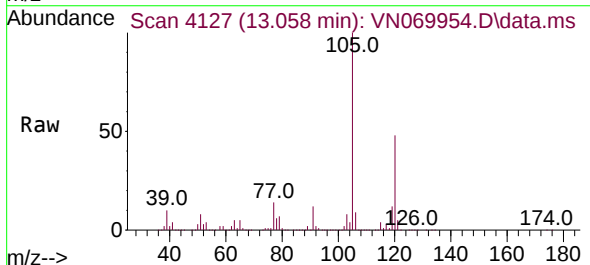
Manual Integrations
APPROVED

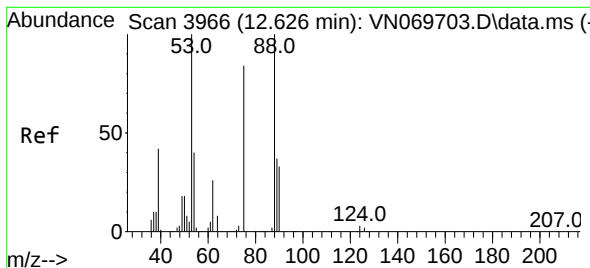
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 42.661 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

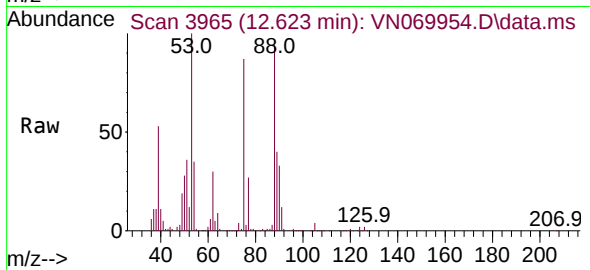
Tgt Ion:105 Resp: 2188430
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 42.421 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

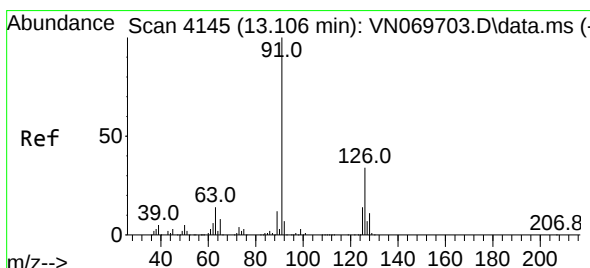
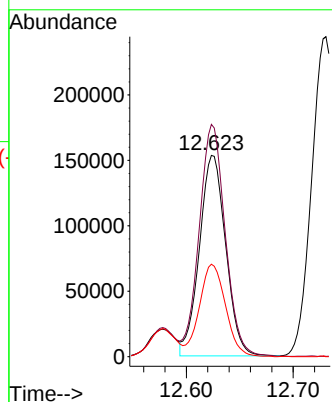
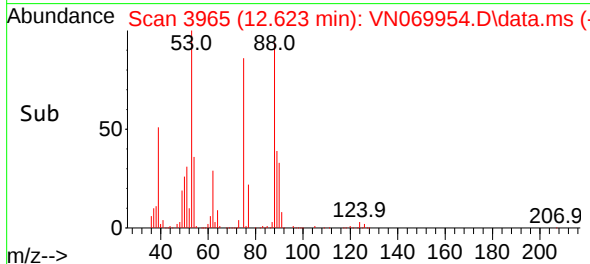
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 262058
Ion Ratio Lower Upper
75 100
53 115.0 90.5 135.7
89 46.0 38.2 57.4

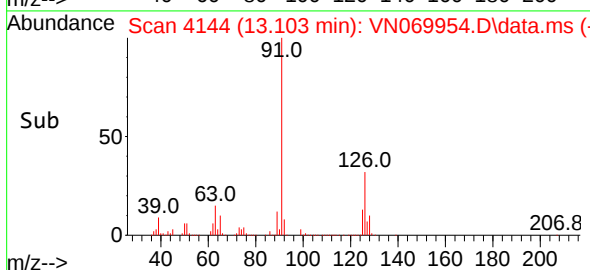
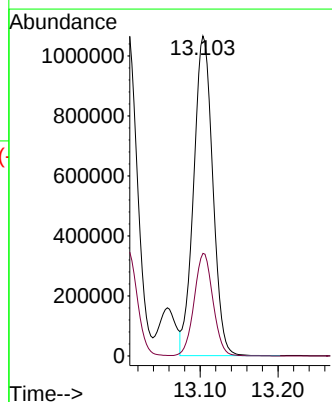
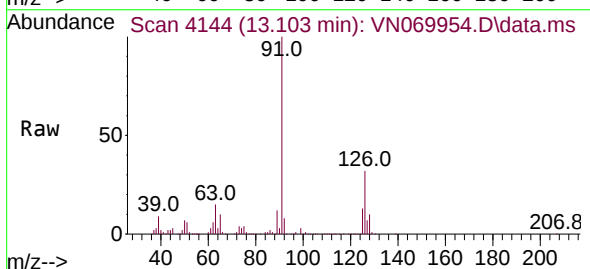
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 43.097 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

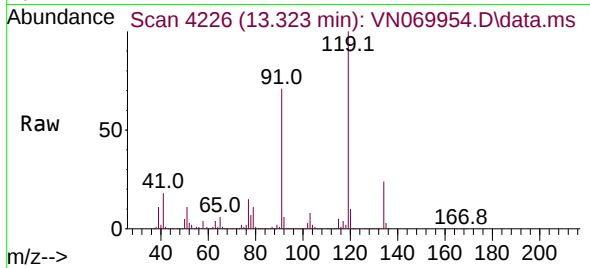
Tgt Ion: 91 Resp: 1816301
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 41.909 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

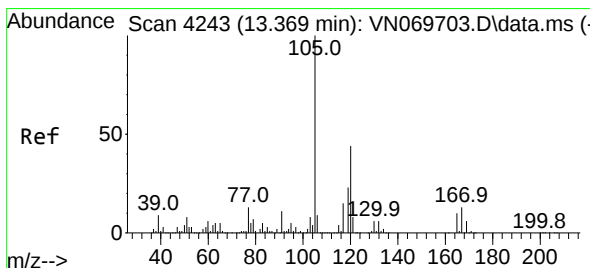
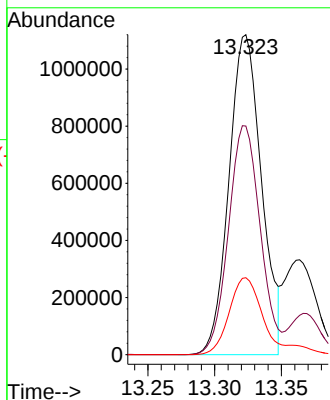
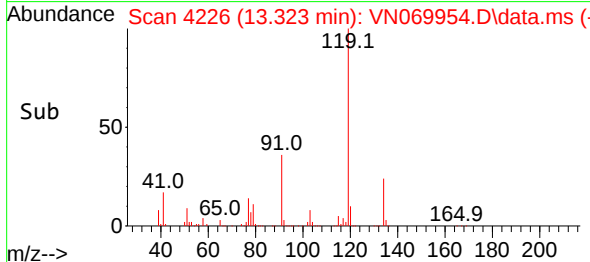
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



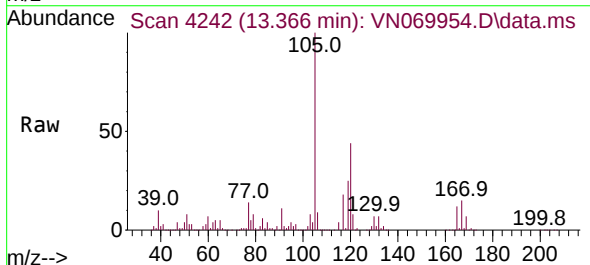
Tgt Ion:119 Resp: 1903618
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 26.3 12.4 37.4

Manual Integrations
APPROVED

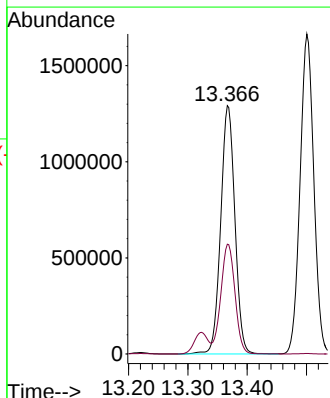
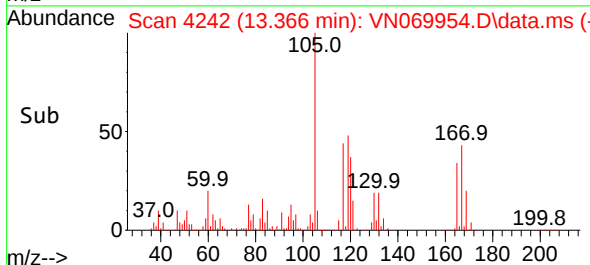
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

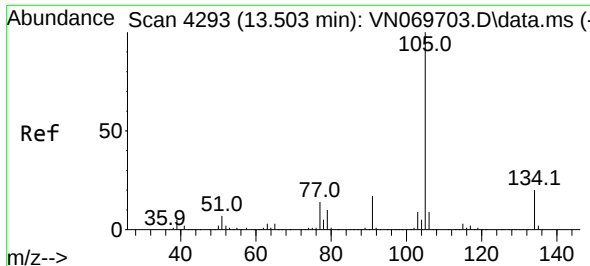


#84
1,2,4-Trimethylbenzene
Concen: 44.124 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



Tgt Ion:105 Resp: 2155660
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





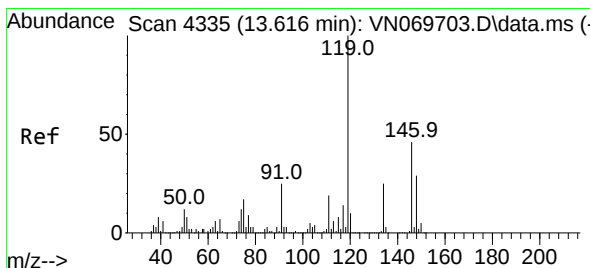
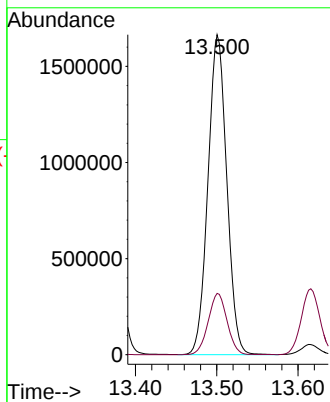
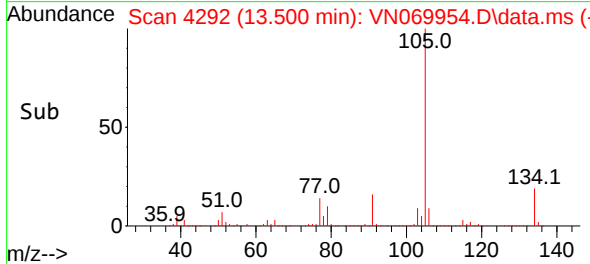
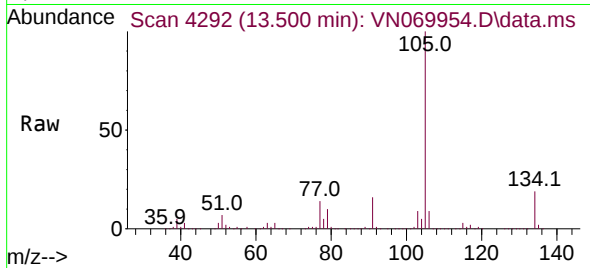
#85
 sec-Butylbenzene
 Concen: 43.327 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069954.D
 Acq: 10 Dec 2021 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 266950
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

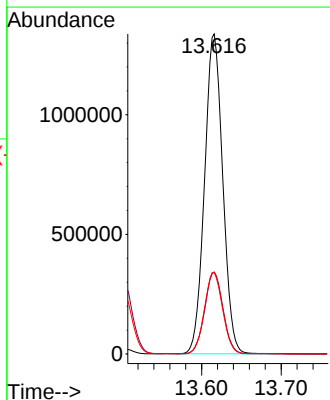
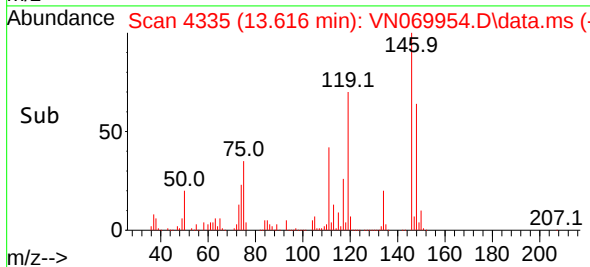
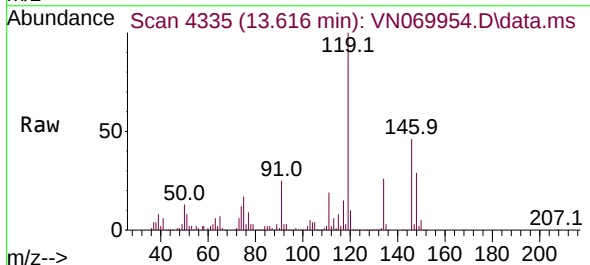
Manual Integrations
 APPROVED

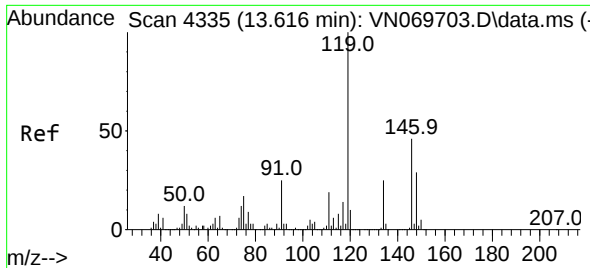
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 44.033 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069954.D
 Acq: 10 Dec 2021 10:08

Tgt Ion:119 Resp: 2120643
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.4 11.4 34.1





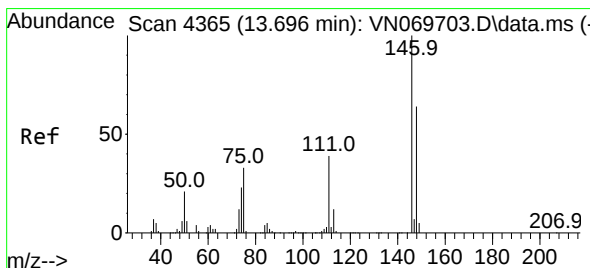
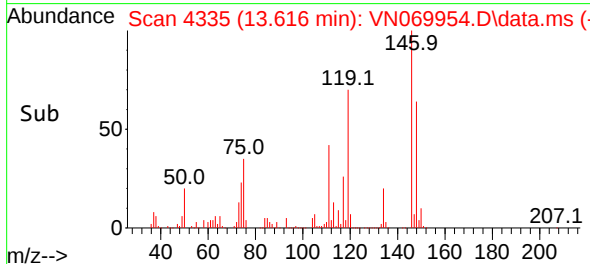
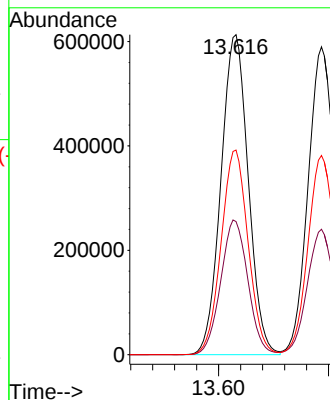
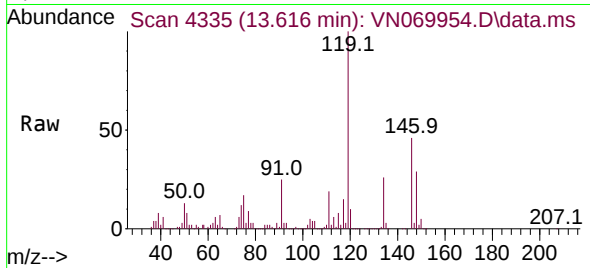
#87
1,3-Dichlorobenzene
Concen: 42.974 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 1056880
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 63.4 31.6 95.0

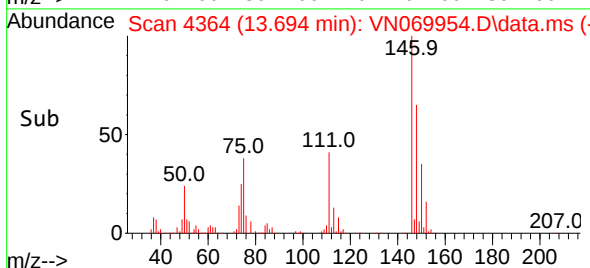
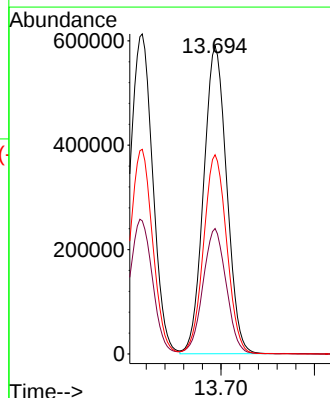
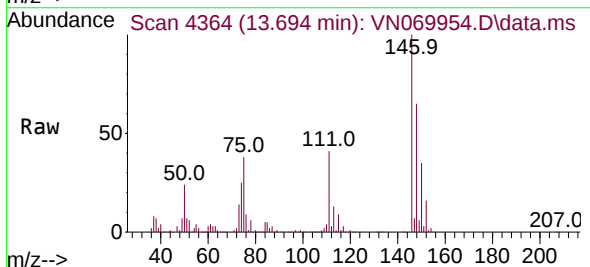
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 41.885 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

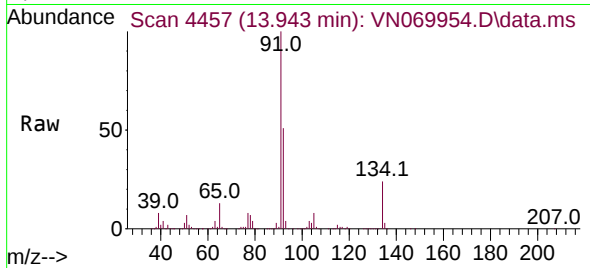
Tgt Ion:146 Resp: 1012301
Ion Ratio Lower Upper
146 100
111 41.0 18.3 54.8
148 64.9 31.8 95.4





#89
n-Butylbenzene
Concen: 44.811 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

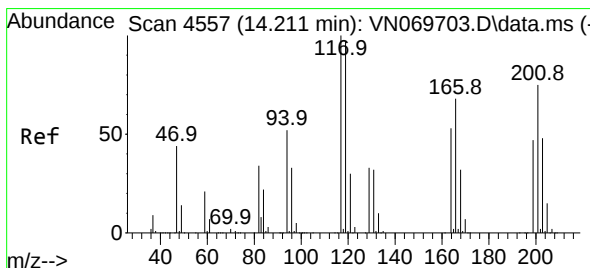
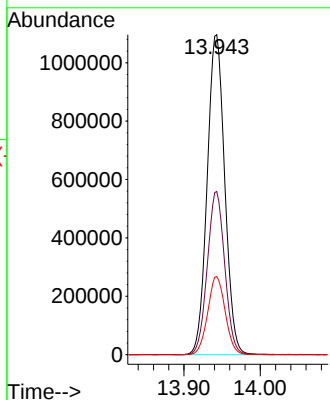
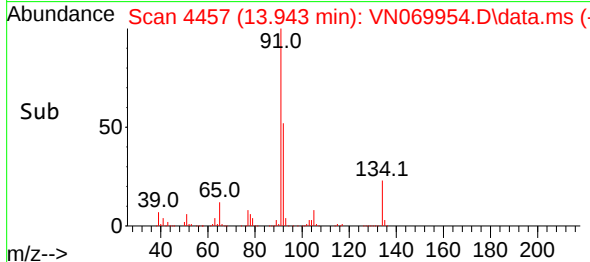
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 175062
Ion Ratio Lower Upper
91 100
92 50.7 25.4 76.0
134 24.4 13.6 40.8

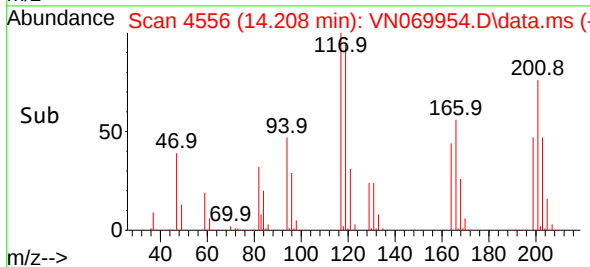
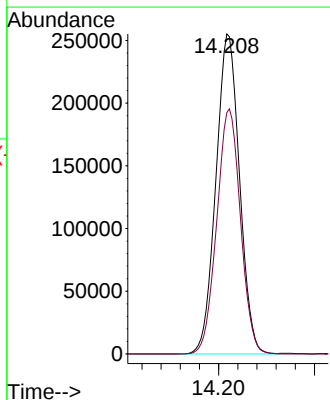
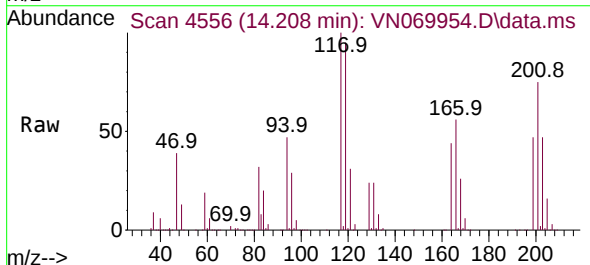
Manual Integrations
APPROVED

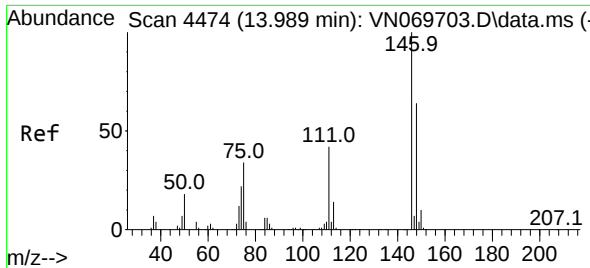
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 51.554 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

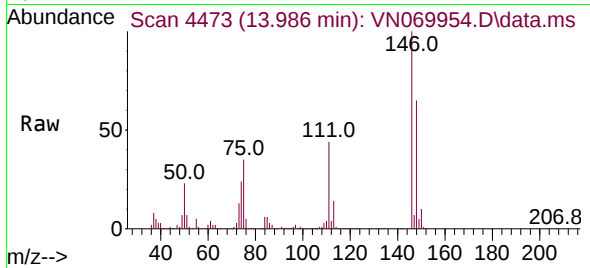
Tgt Ion:117 Resp: 435908
Ion Ratio Lower Upper
117 100
201 76.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 42.588 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

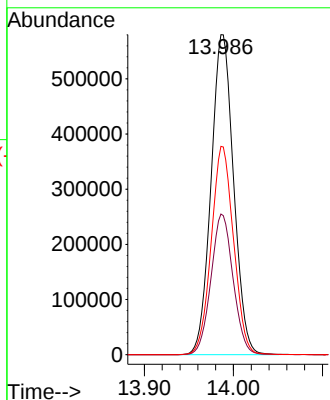
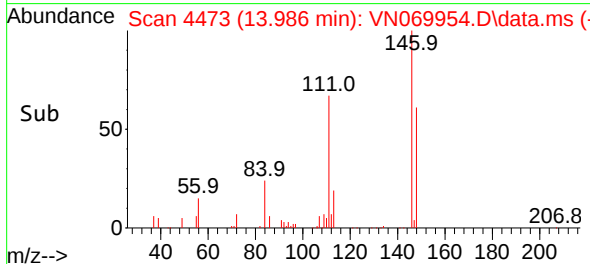
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



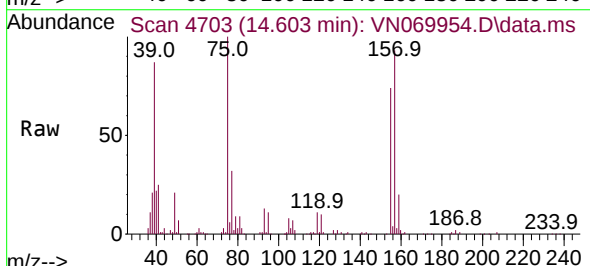
Tgt Ion:146 Resp: 102053
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 64.5 32.1 96.3

Manual Integrations
APPROVED

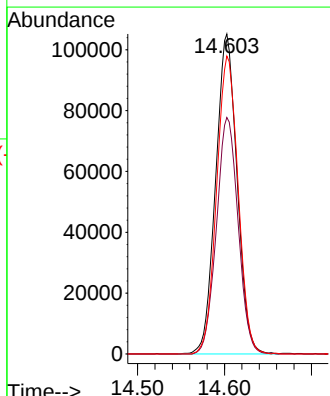
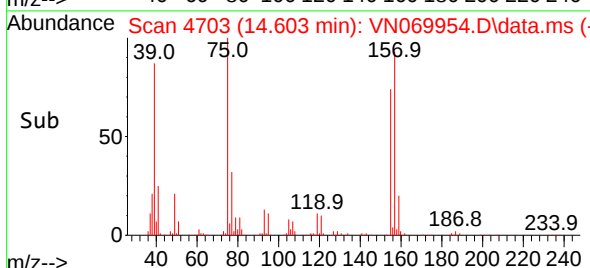
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

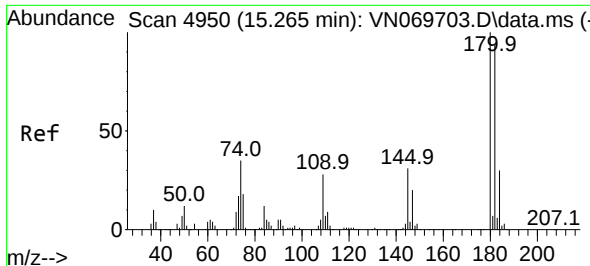


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.154 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



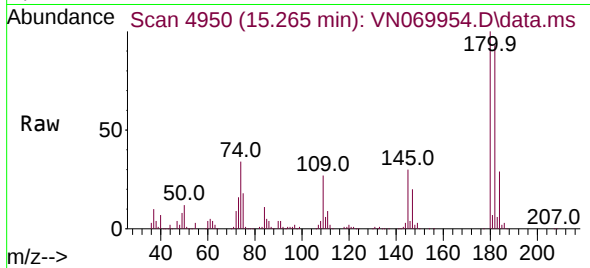
Tgt Ion: 75 Resp: 179824
Ion Ratio Lower Upper
75 100
155 74.7 46.9 140.7
157 93.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 40.281 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

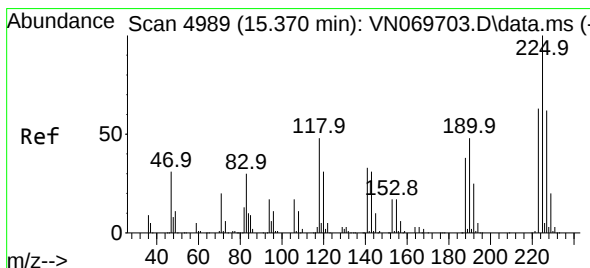
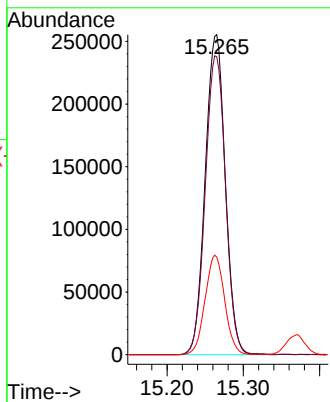
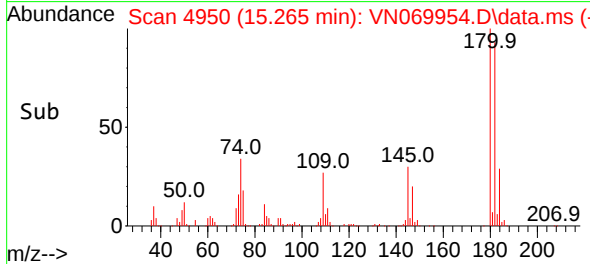
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



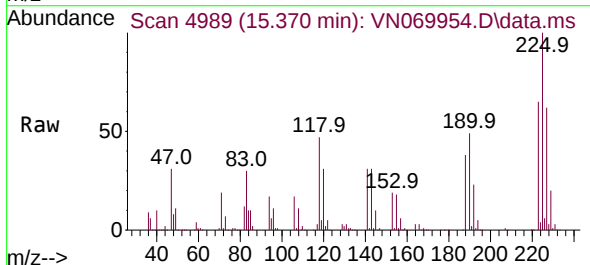
Tgt Ion:180 Resp: 46644
Ion Ratio Lower Upper
180 100
182 94.3 48.3 144.9
145 30.5 14.5 43.5

Manual Integrations
APPROVED

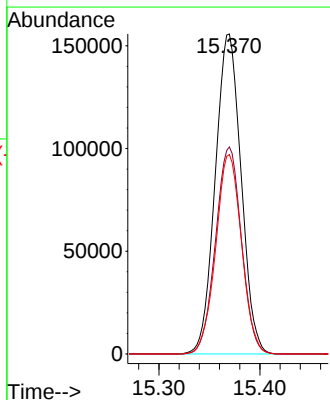
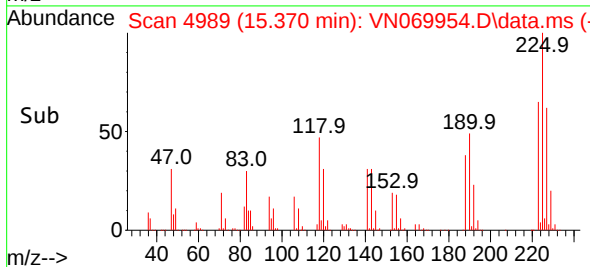
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

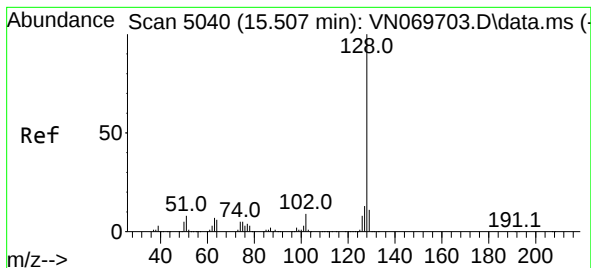


#94
Hexachlorobutadiene
Concen: 43.577 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



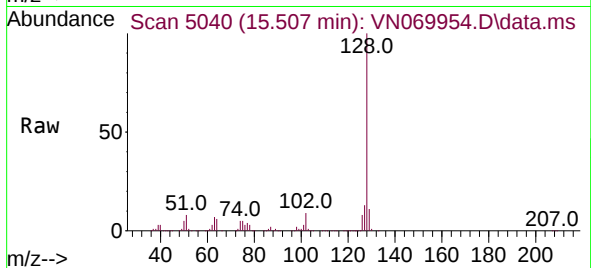
Tgt Ion:225 Resp: 276741
Ion Ratio Lower Upper
225 100
223 64.7 31.9 95.7
227 62.1 32.1 96.3





#95
Naphthalene
Concen: 36.604 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08

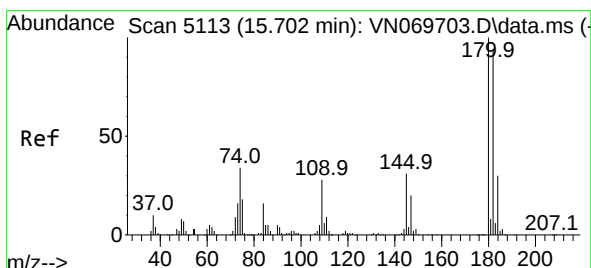
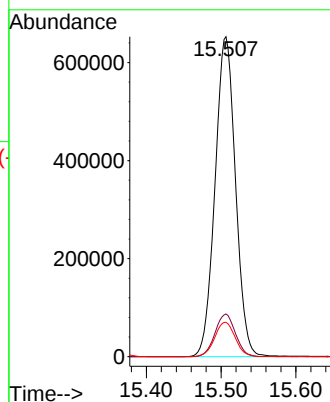
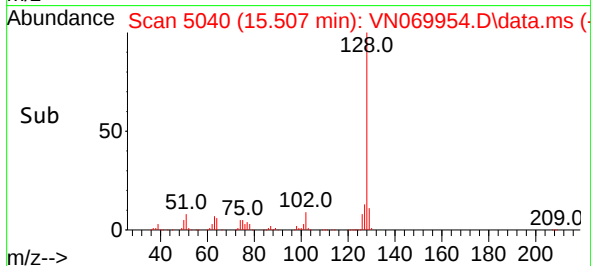
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



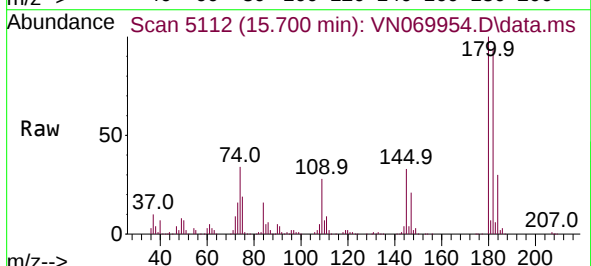
Tgt Ion:128 Resp: 1240810
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 40.302 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069954.D
Acq: 10 Dec 2021 10:08



Tgt Ion:180 Resp: 455941
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 32.8 15.0 45.1

