

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068473.D
 Acq On : 14 Sep 2021 16:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/15/2021
 Supervised By : Mahesh Dadoda 09/15/2021

Quant Time: Sep 15 05:38:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	97626	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	517374	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	480198	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	178462	30.953	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.167%			
60) 4-Bromofluorobenzene	12.734	95	208097	30.404	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.333%			
63) Toluene-d8	10.443	98	635995	30.445	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.467%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	92994	20.913	ug/l	99
3) Chloromethane	2.303	50	86023	19.999	ug/l	96
4) Vinyl Chloride	2.443	62	135102	19.817	ug/l	99
5) Bromomethane	2.859	94	134952	19.929	ug/l	100
6) Chloroethane	3.017	64	100975	20.752	ug/l	100
7) Trichlorofluoromethane	3.376	101	173087	20.597	ug/l	99
8) Diethyl Ether	3.827	74	54283	20.480	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.216	101	99041	20.691	ug/l	100
10) 1,1-Dichloroethene	4.186	96	88636	19.924	ug/l	98
11) Methyl Iodide	4.425	142	127886	18.514	ug/l	99
12) Methyl Acetate	4.857	43	92161	19.919	ug/l	100
13) Acrolein	4.044	56	36113	97.037	ug/l	98
14) Acrylonitrile	5.554	53	194922	97.204	ug/l	100
15) Acetone	4.288	58	54384	99.516	ug/l	95
16) Carbon Disulfide	4.538	76	215234	18.746	ug/l	98
17) Allyl chloride	4.843	41	114404	20.595	ug/l	99
18) Methylene Chloride	5.098	84	105301	19.773	ug/l	97
19) trans-1,2-Dichloroethene	5.600	96	98634	19.787	ug/l	99
20) Diisopropyl ether	6.495	45	254283	20.637	ug/l	95
21) 1,1-Dichloroethane	6.388	63	167894	20.502	ug/l	98
22) cis-1,2-Dichloroethene	7.327	96	119663	19.965	ug/l	98
23) tert-Butyl Alcohol	5.361	59	72571	89.553	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	304378	20.093	ug/l	100
25) Chloroform	7.820	83	200935	20.502	ug/l	99
26) Cyclohexane	8.096	56	138146	19.953	ug/l #	99
29) 1,1-Dichloropropene	8.223	75	136993	19.756	ug/l	99
30) 2-Butanone	7.335	43	251198	94.911	ug/l #	98
31) 2,2-Dichloropropane	7.324	77	157045	19.679	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	187203	19.880	ug/l	100
33) Carbon Tetrachloride	8.209	117	172978	19.652	ug/l	98
34) Benzene	8.461	78	417476	19.742	ug/l	99
35) Methacrylonitrile	7.641	41	51567	20.202	ug/l	94
36) 1,2-Dichloroethane	8.531	62	144494	20.295	ug/l	100
37) Trichloroethene	9.218	130	133401	19.687	ug/l	94
38) Methylcyclohexane	9.462	83	177016	19.860	ug/l	99
39) 1,2-Dichloropropane	9.491	63	99959	20.085	ug/l	97
40) Dibromomethane	9.580	93	81155	19.847	ug/l	99
41) Bromodichloromethane	9.765	83	154827	19.592	ug/l	96
42) Vinyl Acetate	6.434	43	955701	98.006	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	111648m	20.000	ug/l	
44) Isopropyl Acetate	8.560	43	183834	19.239	ug/l	99
45) 1,4-Dioxane	9.569	88	35007	362.320	ug/l	98
46) Methyl methacrylate	9.561	41	80006	20.700	ug/l	99
47) n-amyl Acetate	12.390	43	121076	18.046	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	153822	19.225	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	164857	19.171	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	113807	19.259	ug/l	99
51) Ethyl methacrylate	10.762	69	142492	18.782	ug/l	97
52) 1,3-Dichloropropane	11.047	76	174464	19.853	ug/l	98
53) Dibromochloromethane	11.240	129	140208	19.296	ug/l	100
54) 1,2-Dibromoethane	11.347	107	121235	19.130	ug/l	99
55) 2-Chloroethyl vinyl ether	10.044	63	85190	66.330	ug/l	99
56) Bromoform	12.460	173	105915	18.148	ug/l #	100
58) 4-Methyl-2-Pentanone	10.331	43	543002	96.060	ug/l	99
59) 2-Hexanone	11.087	43	380224	97.053	ug/l	100
61) Tetrachloroethene	10.980	164	137849	19.965	ug/l	98
62) Toluene	10.508	91	504981	19.981	ug/l	99
64) Chlorobenzene	11.773	112	326959	19.615	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	133730	19.658	ug/l	99
66) Ethyl Benzene	11.849	91	541954	19.731	ug/l	99
67) m/p-Xylenes	11.956	106	455772	40.255	ug/l	99
68) o-Xylene	12.283	106	225026	20.130	ug/l	98
69) Styrene	12.296	104	360814	20.355	ug/l	100
70) Isopropylbenzene	12.581	105	572030	20.154	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	159019	20.583	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	133941m	20.825	ug/l	
73) Bromobenzene	12.862	156	154184	19.136	ug/l	98
74) n-propylbenzene	12.924	91	610042	19.930	ug/l	100
75) 2-Chlorotoluene	13.010	91	373890	20.296	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	491326	20.734	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	37800	17.811	ug/l	95
78) 4-Chlorotoluene	13.109	91	358056	20.254	ug/l	99
79) tert-butylbenzene	13.326	119	437967	20.117	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	478766m	20.883	ug/l	
81) sec-Butylbenzene	13.503	105	575153	19.987	ug/l	99
82) p-Isopropyltoluene	13.619	119	478980	19.406	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	279558	19.961	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	280657	20.919	ug/l	98
85) n-Butylbenzene	13.946	91	323419	18.422	ug/l	99
86) Hexachloroethane	14.211	117	87795	19.364	ug/l	100
87) 1,2-Dichlorobenzene	13.991	146	282741	21.009	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.606	75	29827	22.831	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	104105	16.010	ug/l	99
90) Hexachlorobutadiene	15.373	225	77732	18.901	ug/l	97
91) Naphthalene	15.509	128	297691	21.222	ug/l	99
92) 1,2,3-Trichlorobenzene	15.703	180	96509	15.760	ug/l	97

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

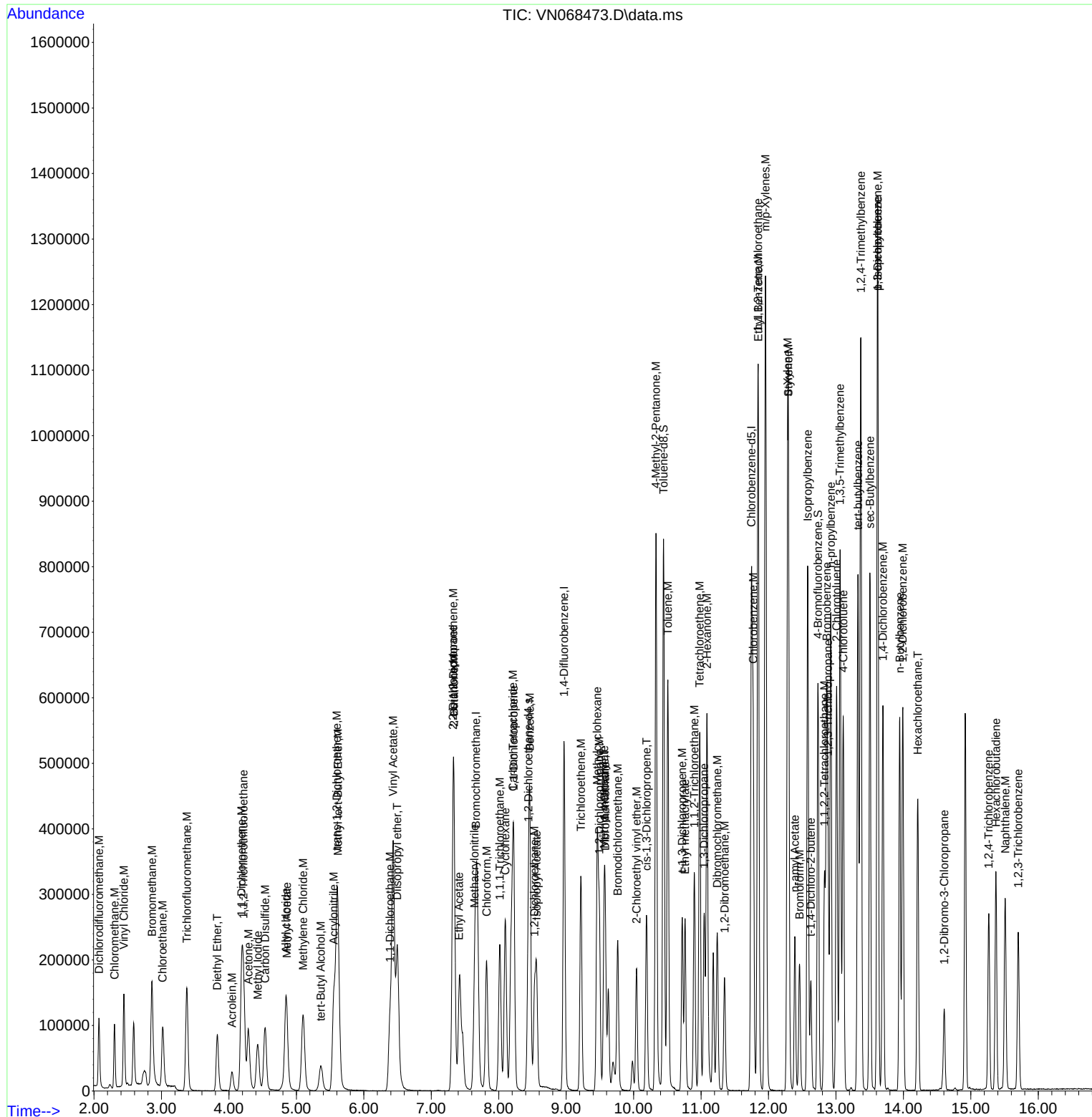
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
Data File : VN068473.D
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Operator : JC/MD
Sample : VSTDCCC020
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ALS Vial : 8 Sample Multiplier: 1

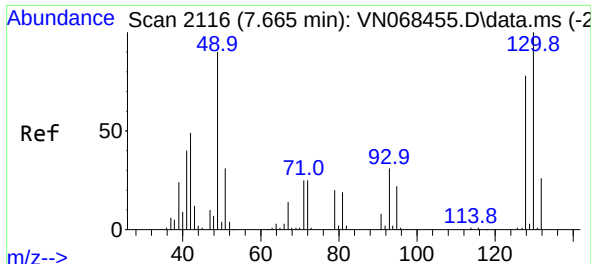
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Sep 15 05:38:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Sep 14 04:23:31 2021
Response via : Initial Calibration

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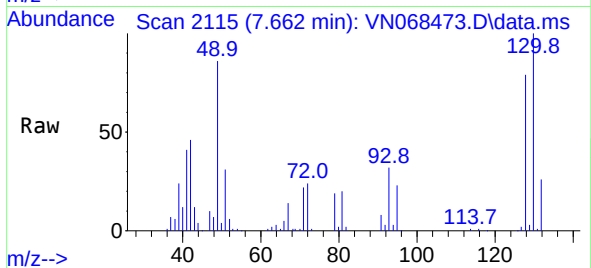
Reviewed By : John Carlone 09/15/2021
Supervised By : Mahesh Dadoda 09/15/2021





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2116
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

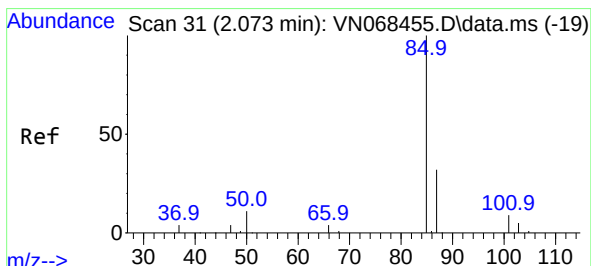
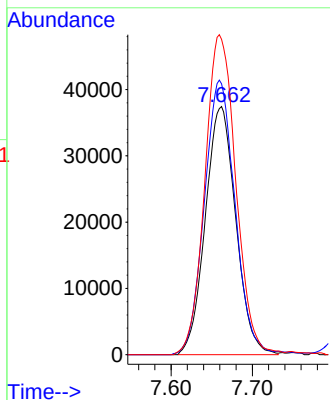
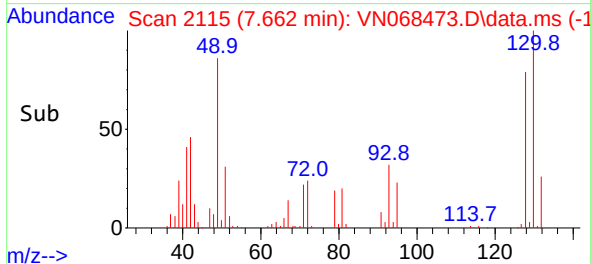
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



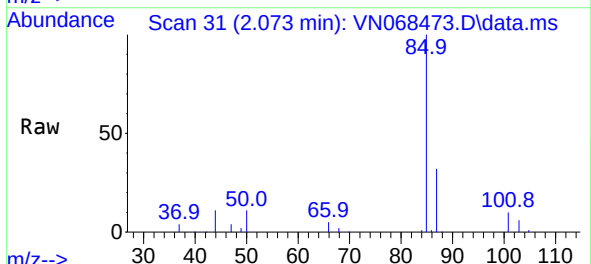
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Ion Ratio Lower Upper
128 100
49 111.3 0.0 292.5
130 130.8 0.0 325.0

Manual Integrations
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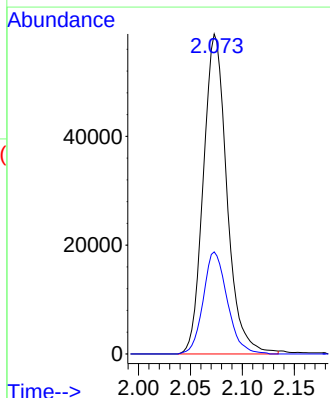
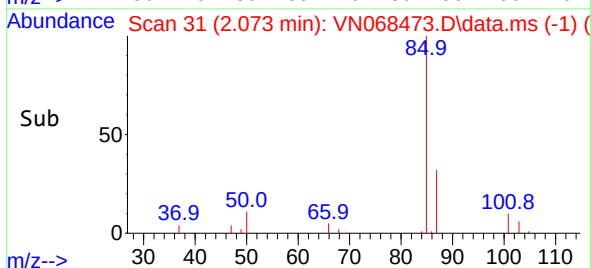
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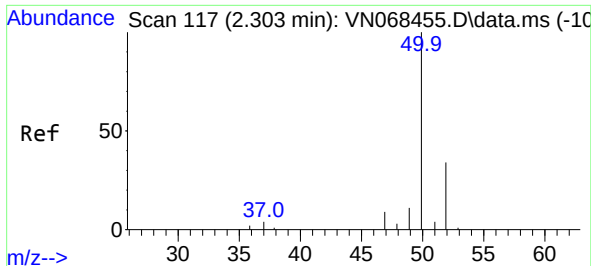


#2
Dichlorodifluoromethane
Concen: 20.913 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



Tgt Ion: 85 Resp: 92994
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.3





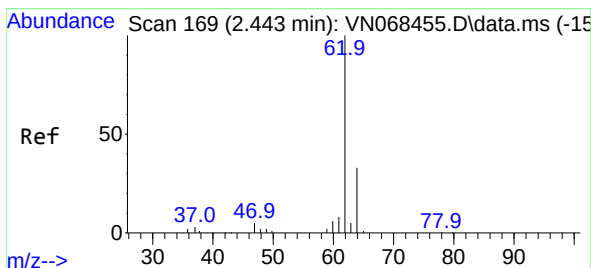
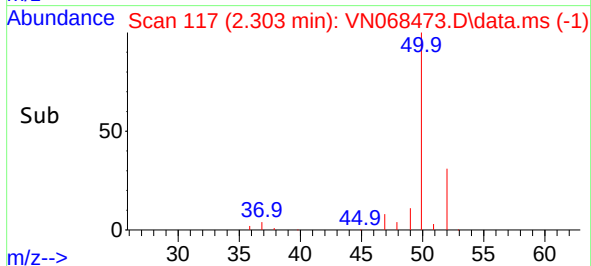
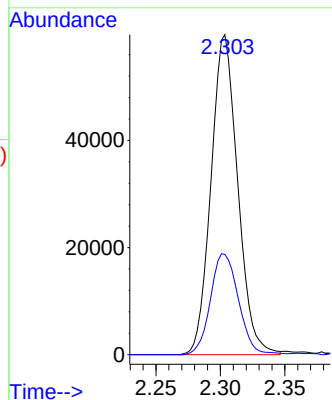
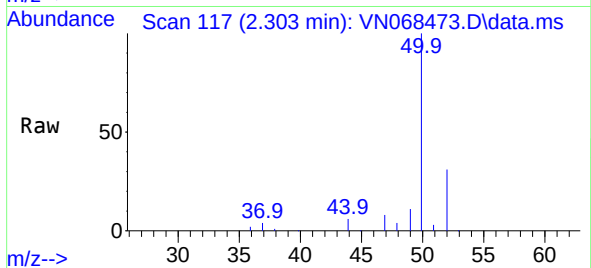
#3
Chloromethane
Concen: 19.999 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
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Tgt Ion: 50 Resp: 8602
Ion Ratio Lower Upper
50 100
52 31.3 27.0 40.4

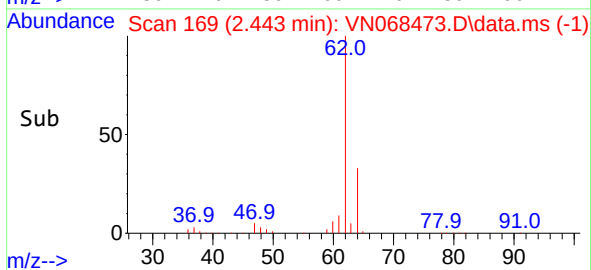
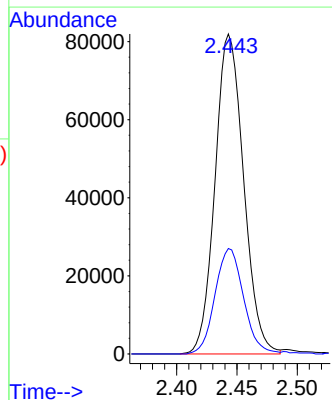
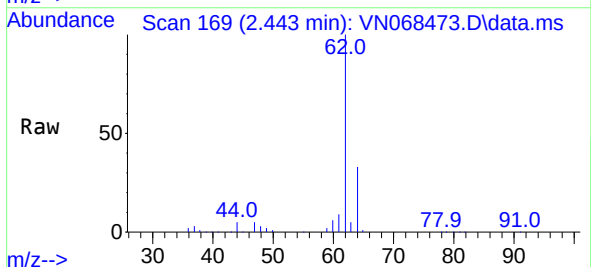
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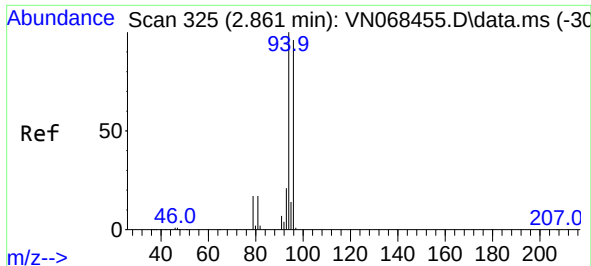
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#4
Vinyl Chloride
Concen: 19.817 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

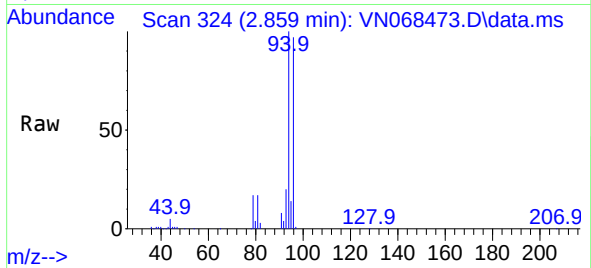
Tgt Ion: 62 Resp: 135102
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1





#5
Bromomethane
Concen: 19.929 ug/l
RT: 2.859 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

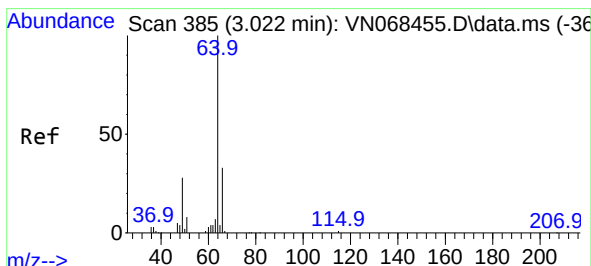
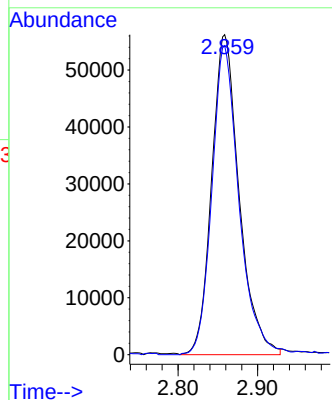
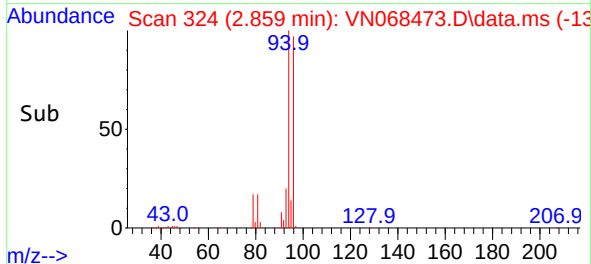
Instrument :
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Tgt Ion: 94 Resp: 134952
Ion Ratio Lower Upper
94 100
96 96.6 77.0 115.4

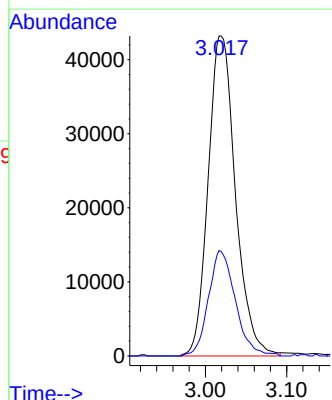
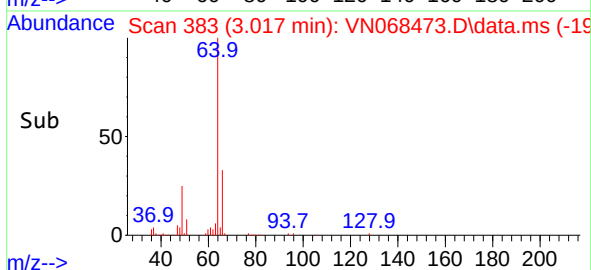
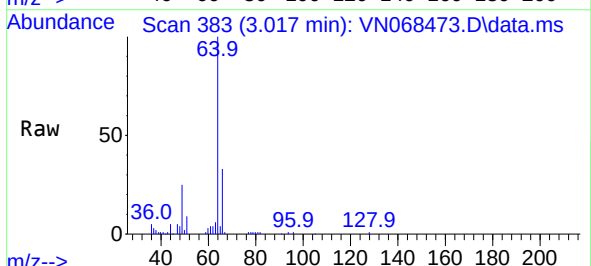
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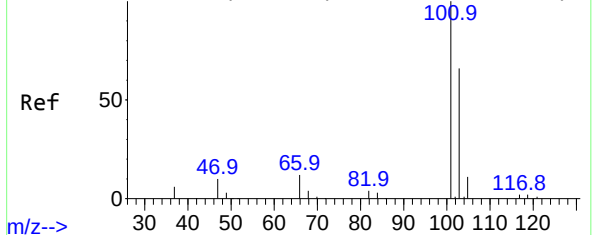


#6
Chloroethane
Concen: 20.752 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion: 64 Resp: 100975
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5



Abundance Scan 517 (3.376 min): VN068455.D\data.ms (-49



#7

Trichlorofluoromethane

Concen: 20.597 ug/l

RT: 3.376 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:101 Resp: 17308

Ion Ratio Lower Upper

101 100

103 64.5 52.4 78.6

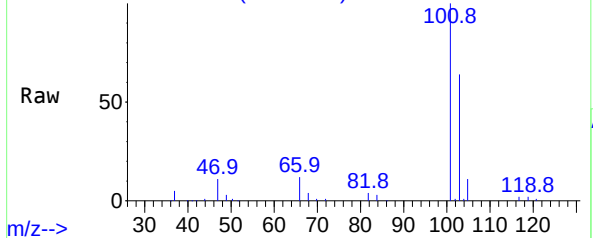
Manual Integrations

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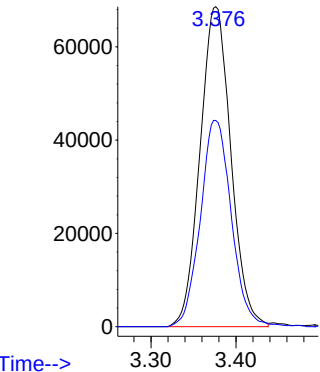
Reviewed By :John Carlone 09/15/2021

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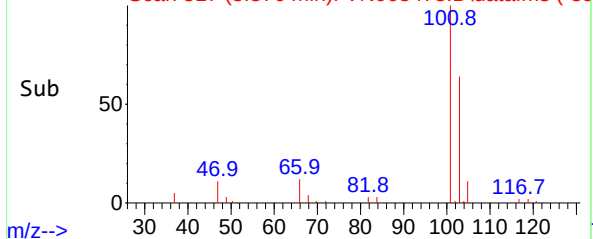
Abundance Scan 517 (3.376 min): VN068473.D\data.ms



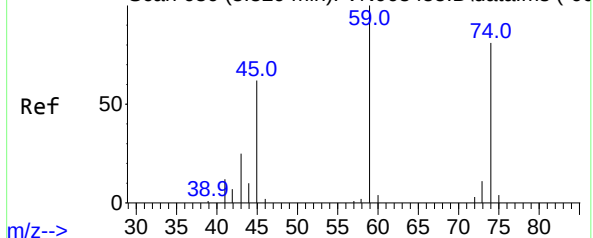
Abundance



Abundance Scan 517 (3.376 min): VN068473.D\data.ms (-33



Abundance Scan 686 (3.829 min): VN068455.D\data.ms (-66



#8

Diethyl Ether

Concen: 20.480 ug/l

RT: 3.827 min Scan# 685

Delta R.T. -0.003 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

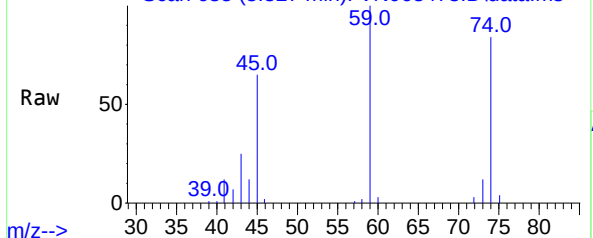
Tgt Ion: 74 Resp: 54283

Ion Ratio Lower Upper

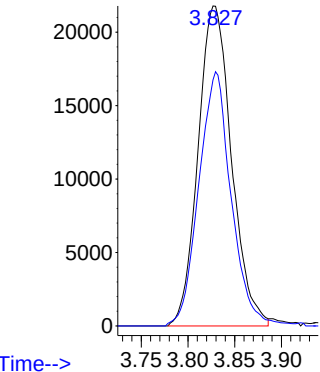
74 100

45 76.8 16.2 146.0

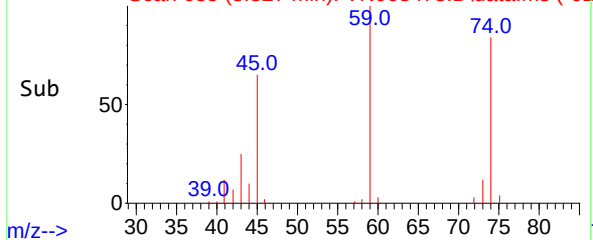
Abundance Scan 685 (3.827 min): VN068473.D\data.ms

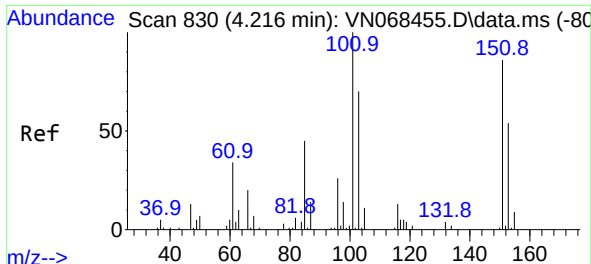


Abundance



Abundance Scan 685 (3.827 min): VN068473.D\data.ms (-61





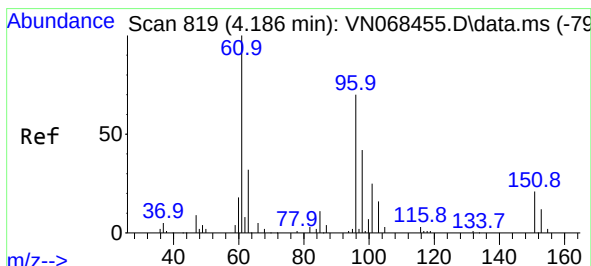
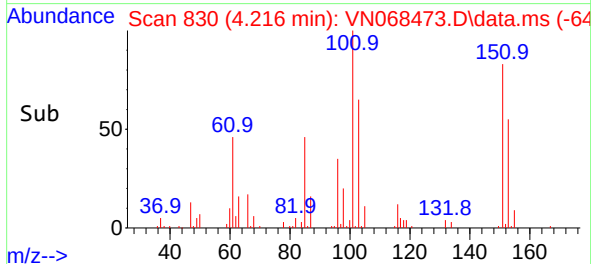
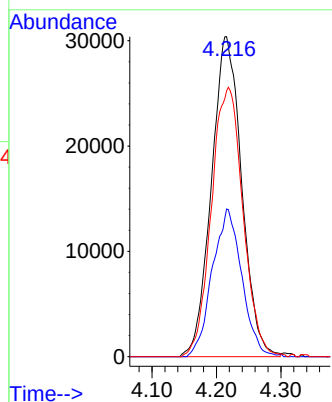
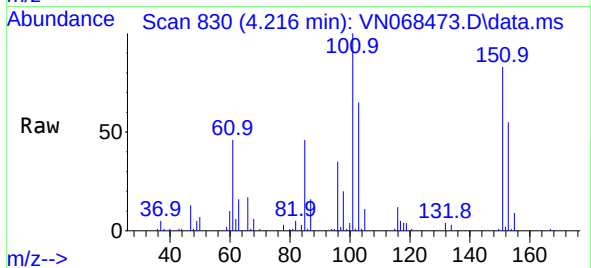
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.691 ug/l
RT: 4.216 min Scan# 819
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 9904
Ion Ratio Lower Upper
101 100
85 44.9 0.0 89.2
151 87.8 0.0 176.4

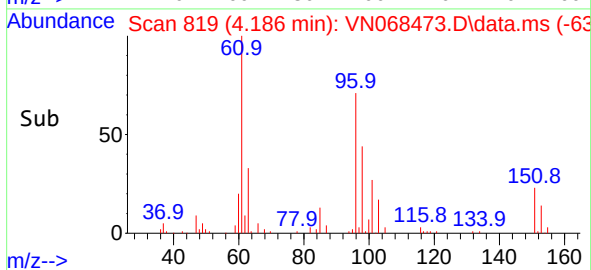
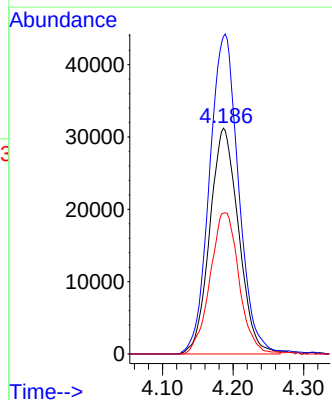
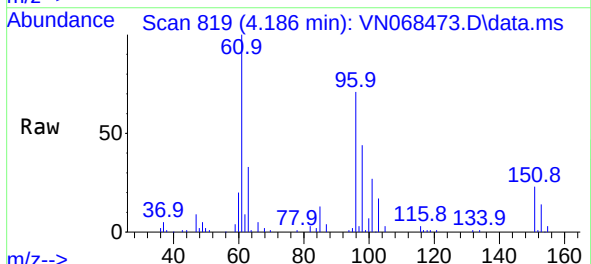
Manual Integrations
APPROVED

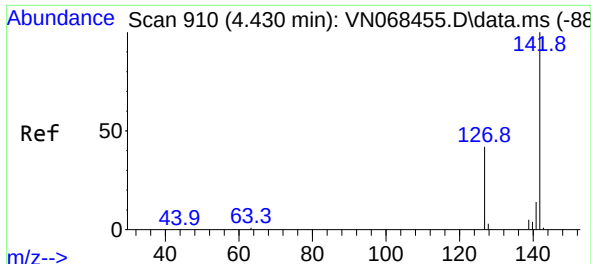
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#10
1,1-Dichloroethene
Concen: 19.924 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

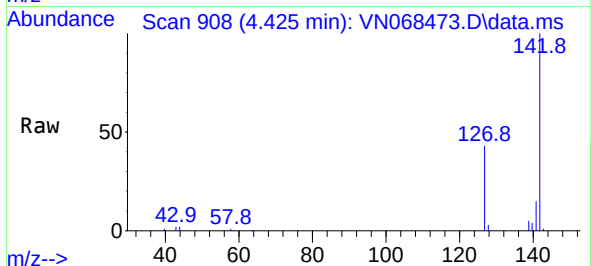
Tgt Ion: 96 Resp: 88636
Ion Ratio Lower Upper
96 100
61 140.7 114.1 171.1
98 62.4 48.3 72.5





#11
Methyl Iodide
Concen: 18.514 ug/l
RT: 4.425 min Scan# 90
Delta R.T. -0.005 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

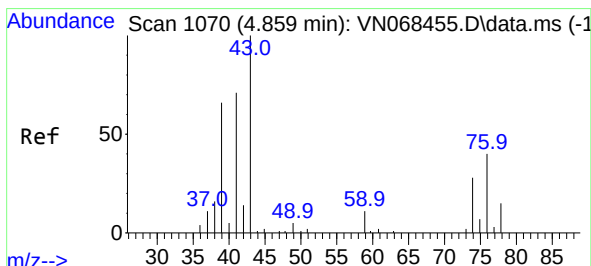
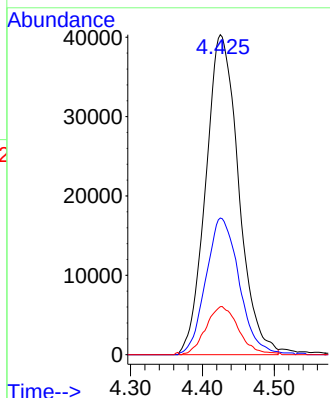
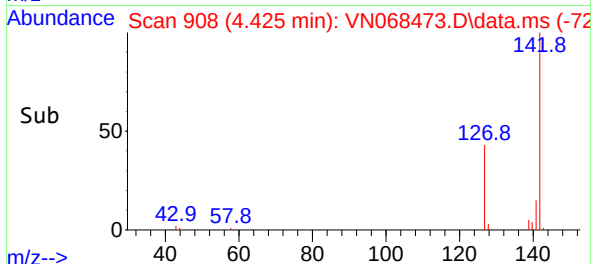
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 127880
Ion Ratio Lower Upper
142 100
127 42.6 20.9 62.8
141 14.5 6.8 20.3

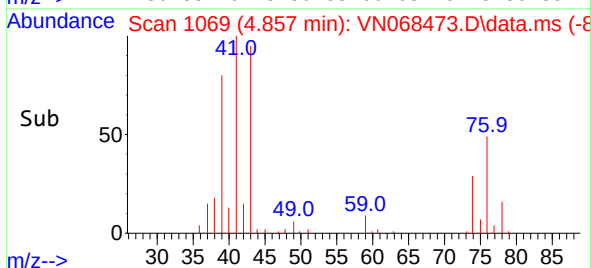
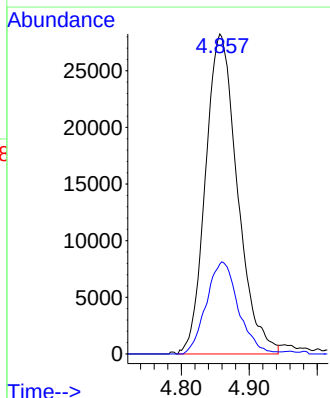
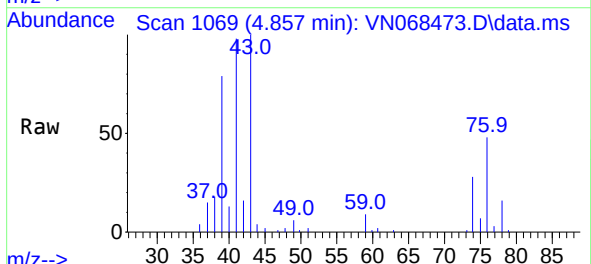
Manual Integrations
APPROVED

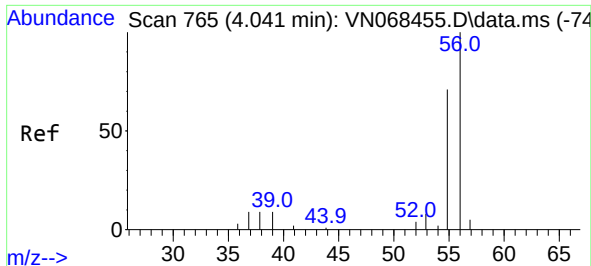
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#12
Methyl Acetate
Concen: 19.919 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

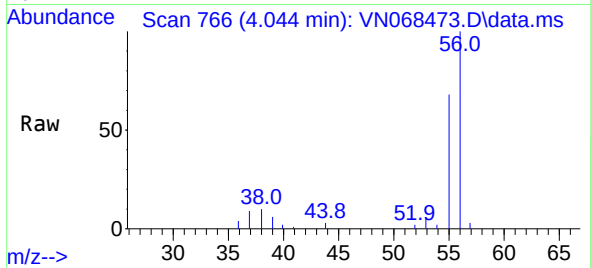
Tgt Ion: 43 Resp: 92161
Ion Ratio Lower Upper
43 100
74 28.1 22.6 34.0





#13
Acrolein
Concen: 97.037 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

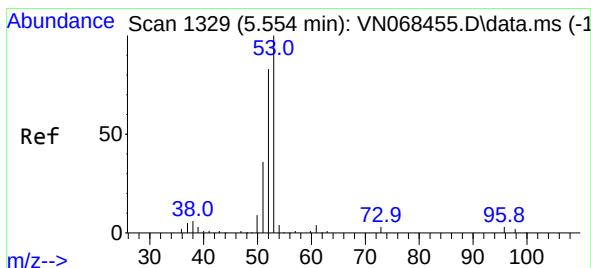
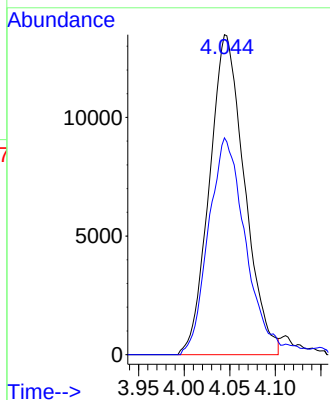
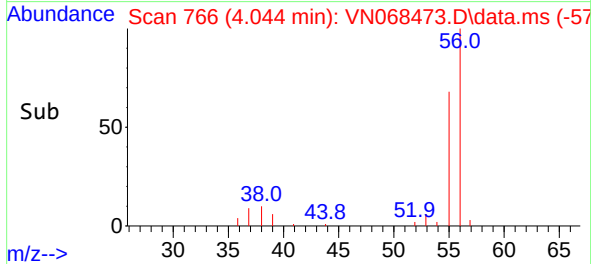
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



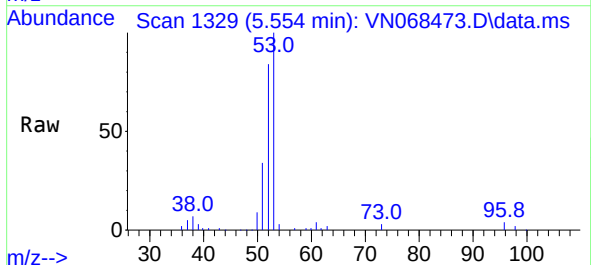
Tgt Ion: 56 Resp: 3611
Ion Ratio Lower Upper
56 100
55 69.7 57.2 85.8

Manual Integrations
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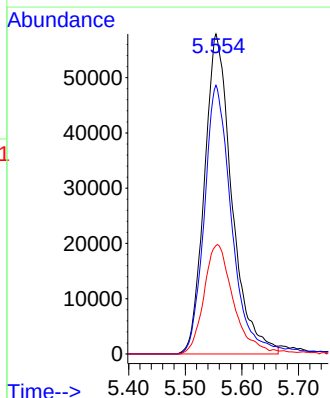
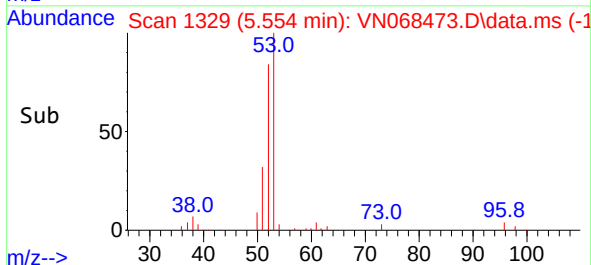
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

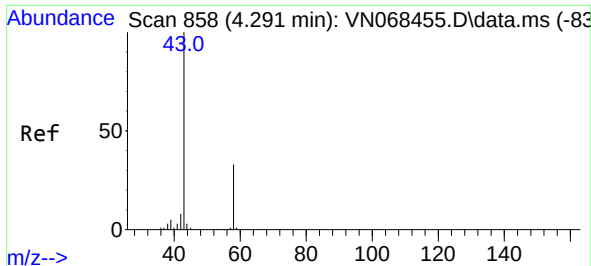


#14
Acrylonitrile
Concen: 97.204 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



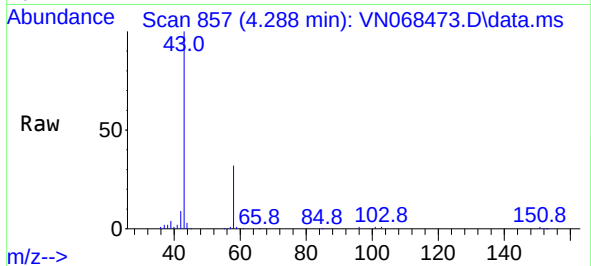
Tgt Ion: 53 Resp: 194922
Ion Ratio Lower Upper
53 100
52 83.3 41.5 124.5
51 36.4 17.9 53.7





#15
Acetone
Concen: 99.516 ug/l
RT: 4.288 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

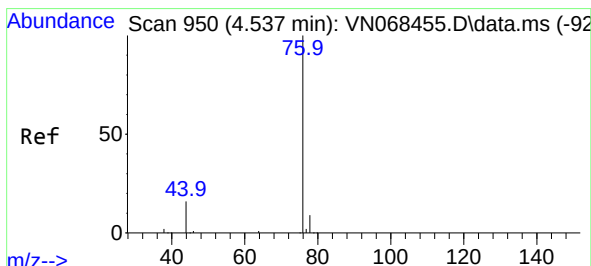
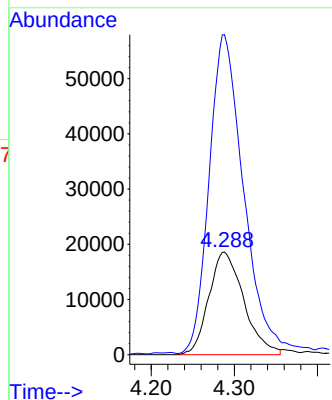
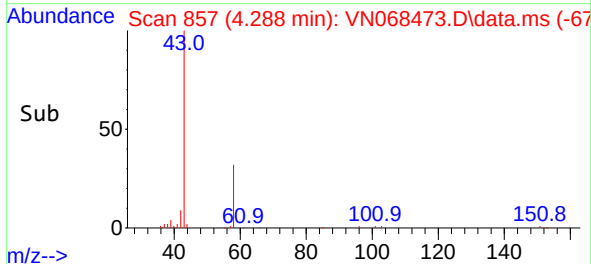
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



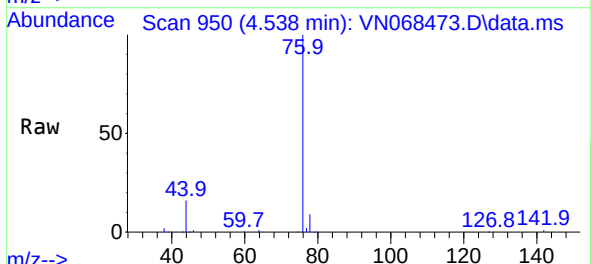
Tgt Ion: 58 Resp: 54384
Ion Ratio Lower Upper
58 100
43 310.0 239.9 359.9

Manual Integrations
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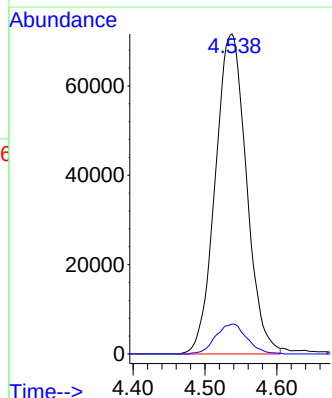
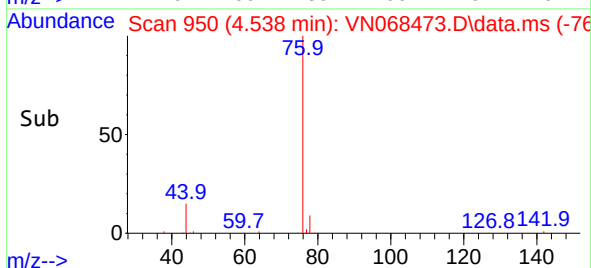
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

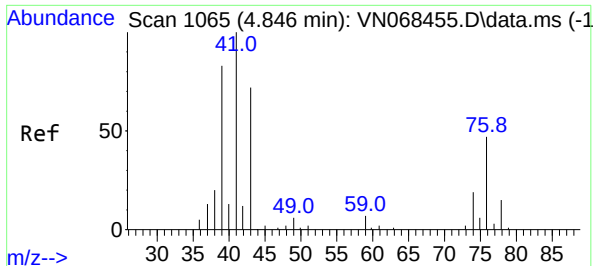


#16
Carbon Disulfide
Concen: 18.746 ug/l
RT: 4.538 min Scan# 950
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



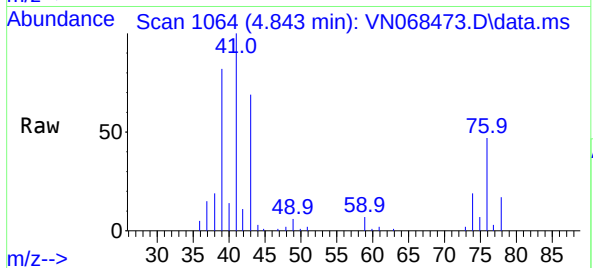
Tgt Ion: 76 Resp: 215234
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3





#17
Allyl chloride
Concen: 20.595 ug/l
RT: 4.843 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

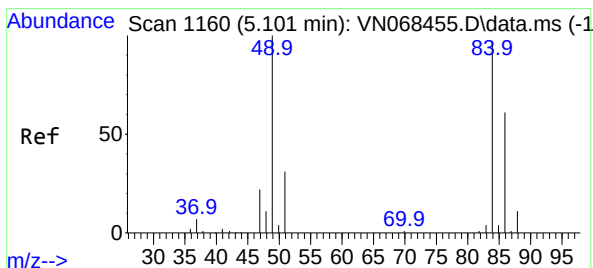
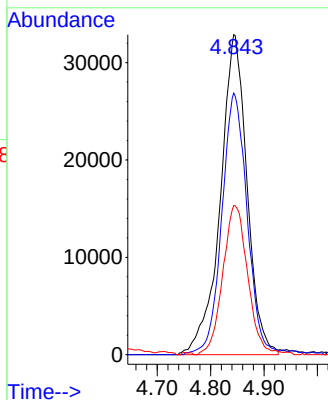
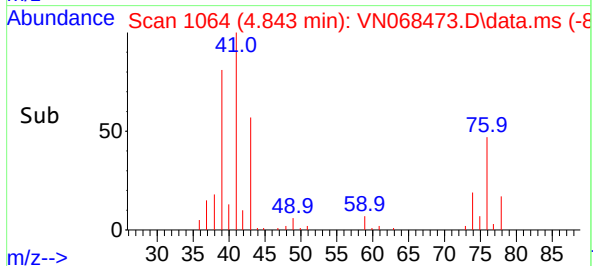
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 114404
Ion Ratio Lower Upper
41 100
39 81.8 41.5 124.5
76 46.6 23.6 71.0

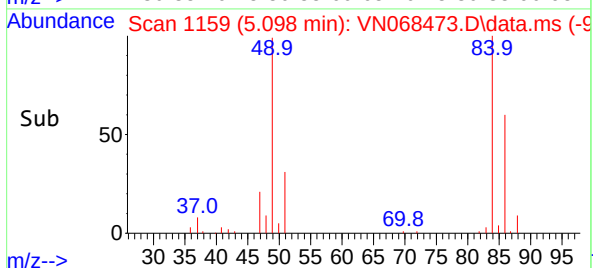
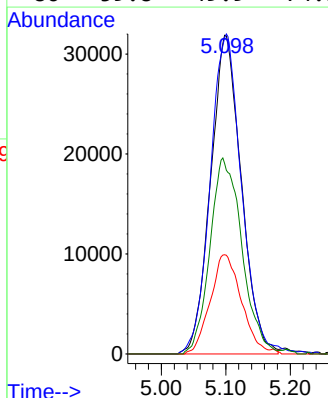
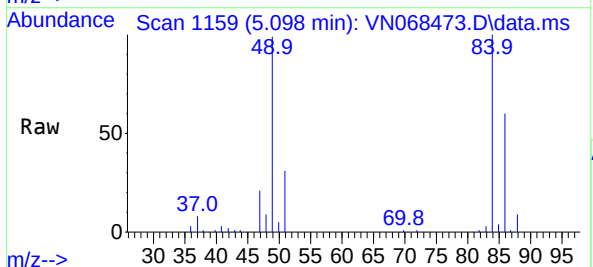
Manual Integrations
APPROVED

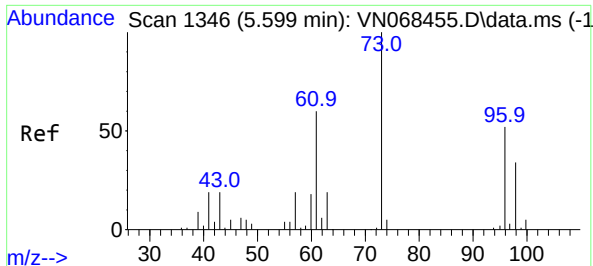
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#18
Methylene Chloride
Concen: 19.773 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion: 84 Resp: 105301
Ion Ratio Lower Upper
84 100
49 99.2 82.4 123.6
51 31.1 25.9 38.9
86 59.8 49.9 74.9





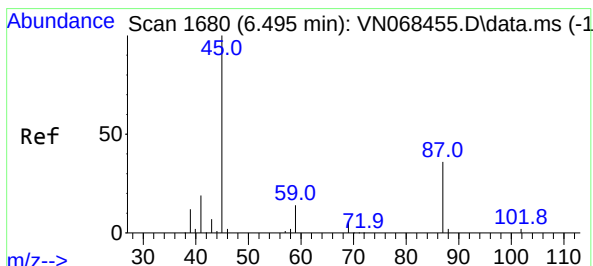
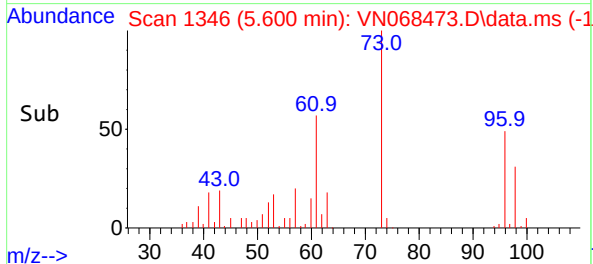
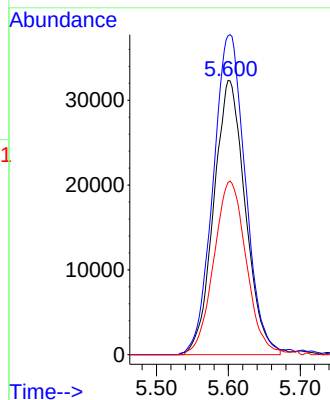
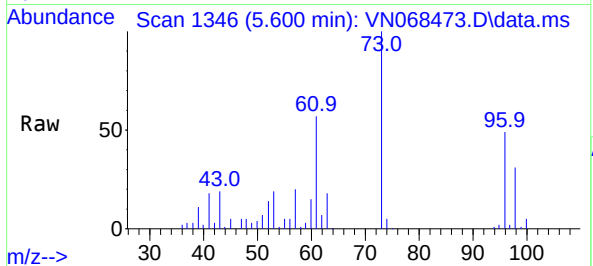
#19
trans-1,2-Dichloroethene
Concen: 19.787 ug/l
RT: 5.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 98634
Ion Ratio Lower Upper
96 100
61 115.8 92.5 138.7
98 62.8 51.7 77.5

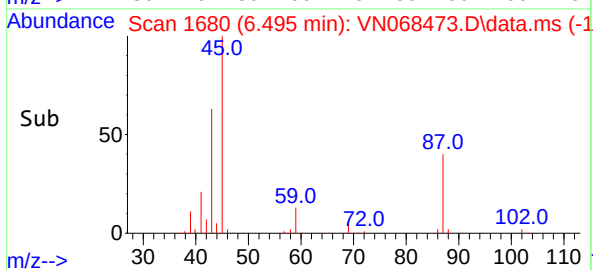
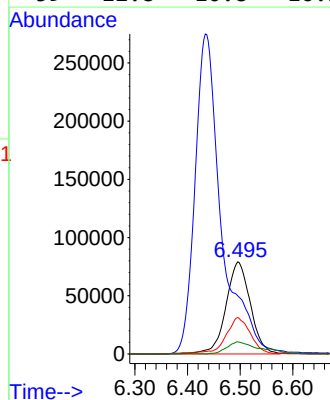
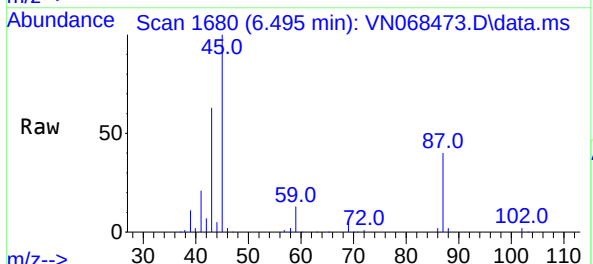
Manual Integrations
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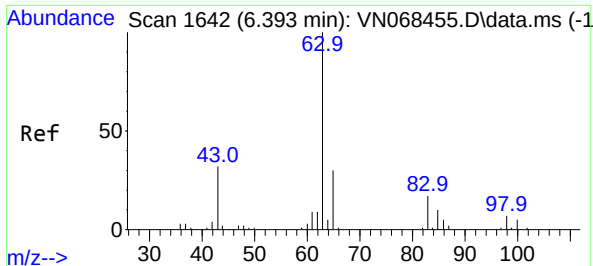
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#20
Diisopropyl ether
Concen: 20.637 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion: 45 Resp: 254283
Ion Ratio Lower Upper
45 100
43 59.4 52.2 78.2
87 39.0 29.8 44.8
59 12.8 10.8 16.2





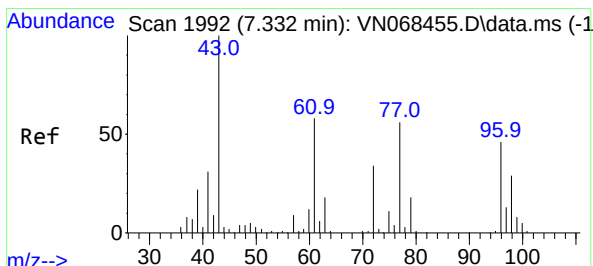
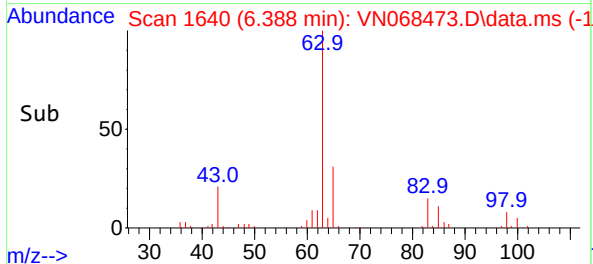
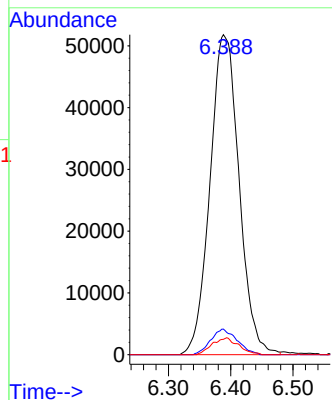
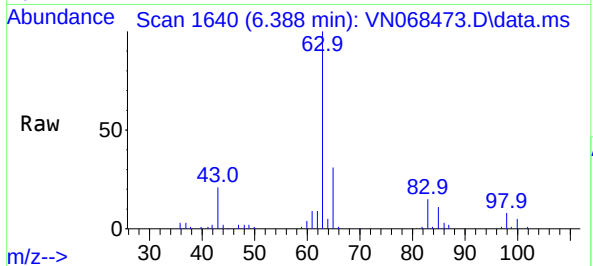
#21
1,1-Dichloroethane
Concen: 20.502 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.005 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 167894
Ion Ratio Lower Upper
63 100
98 8.0 3.5 10.4
100 4.8 2.5 7.5

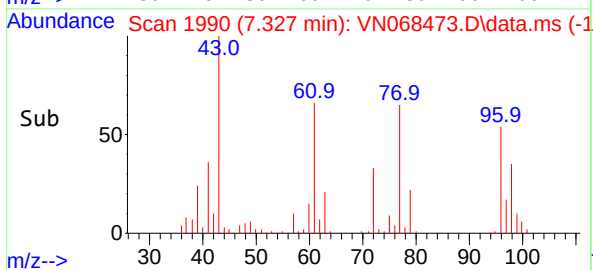
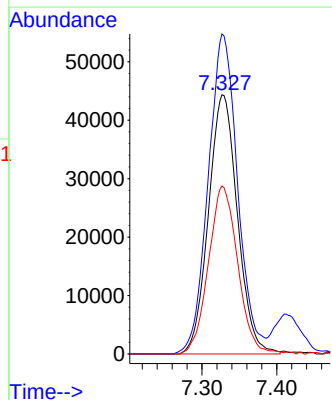
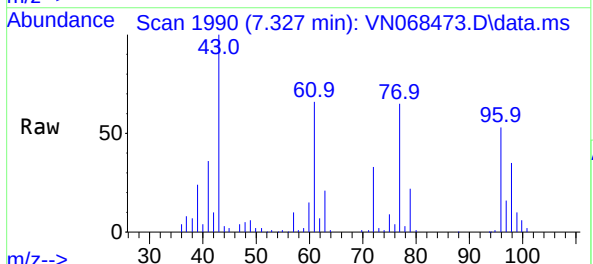
Manual Integrations
APPROVED

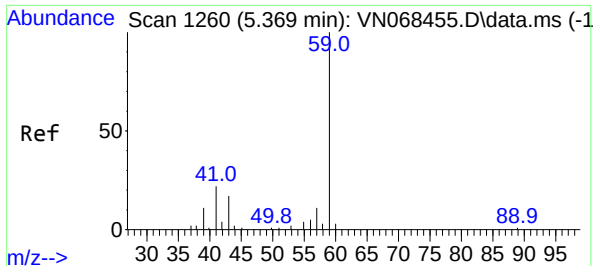
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#22
cis-1,2-Dichloroethene
Concen: 19.965 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion: 96 Resp: 119663
Ion Ratio Lower Upper
96 100
61 125.2 102.3 153.5
98 65.2 52.3 78.5





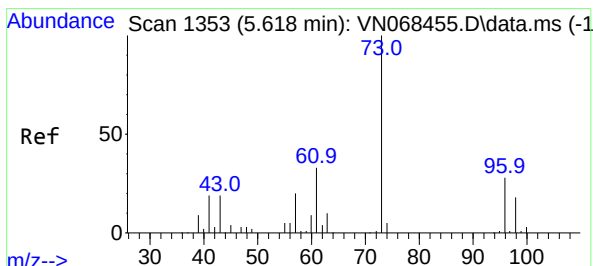
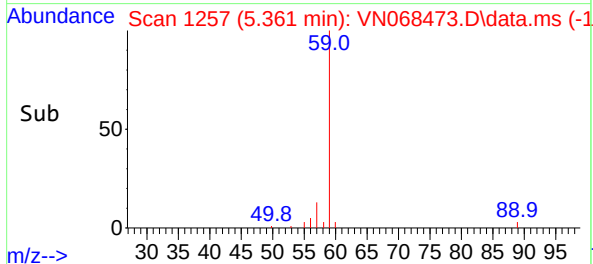
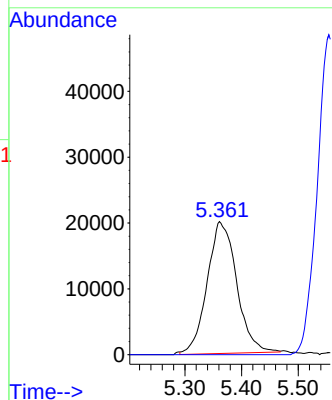
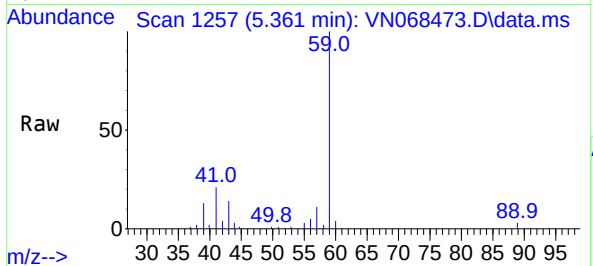
#23
tert-Butyl Alcohol
Concen: 89.553 ug/l
RT: 5.361 min Scan# 1257
Delta R.T. -0.008 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 7257
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

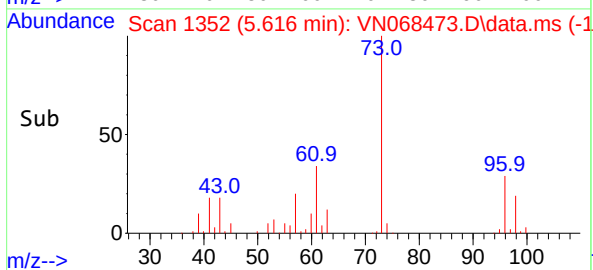
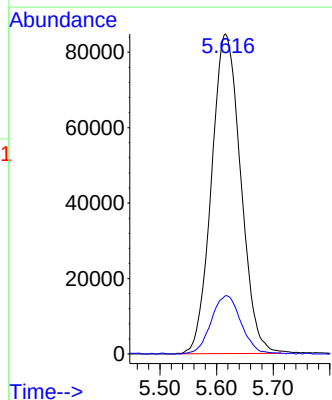
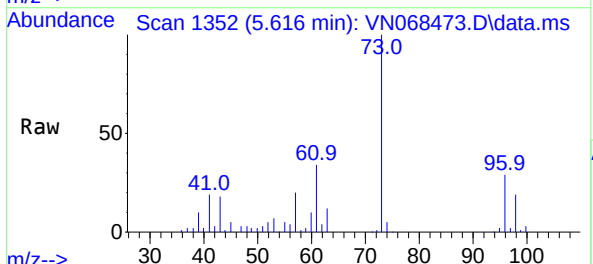
Manual Integrations
APPROVED

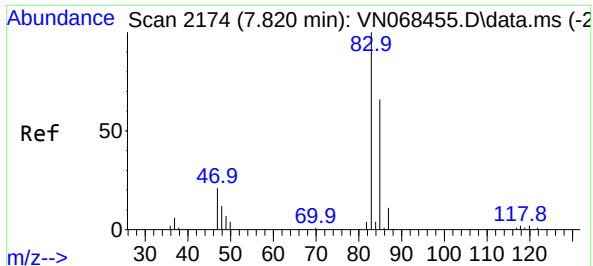
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#24
Methyl tert-Butyl Ether
Concen: 20.093 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion: 73 Resp: 304378
Ion Ratio Lower Upper
73 100
43 18.6 14.9 22.3





#25

Chloroform

Concen: 20.502 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 200935

Ion Ratio Lower Upper

83 100

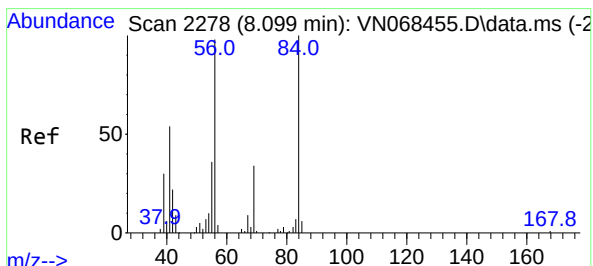
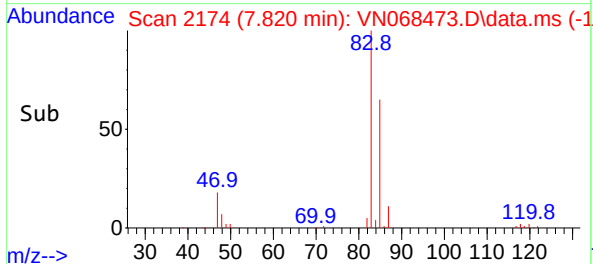
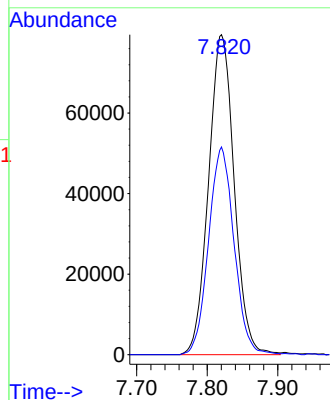
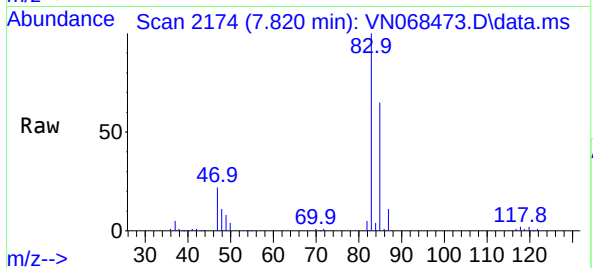
85 64.9 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#26

Cyclohexane

Concen: 19.953 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

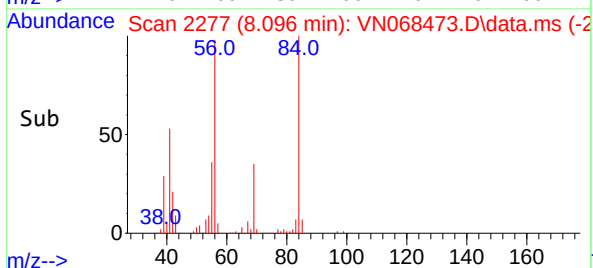
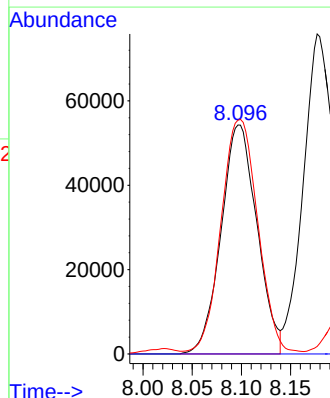
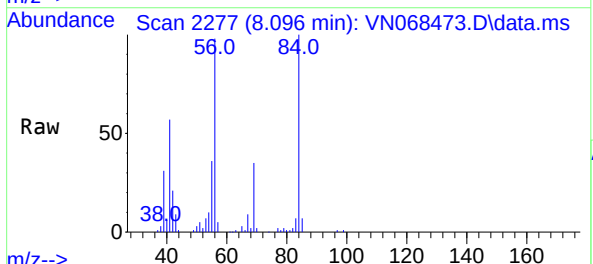
Tgt Ion: 56 Resp: 138146

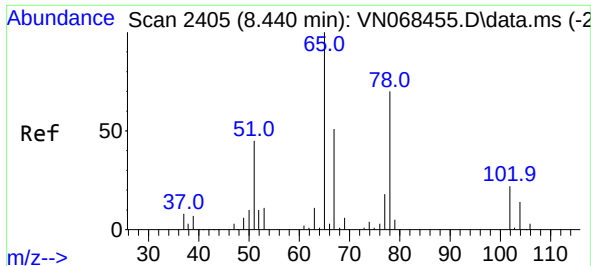
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

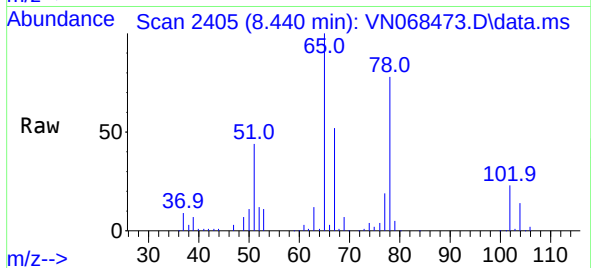
84 104.7 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 30.953 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

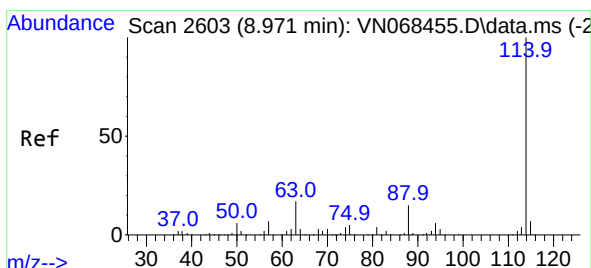
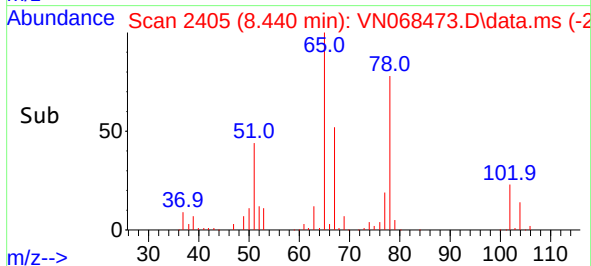
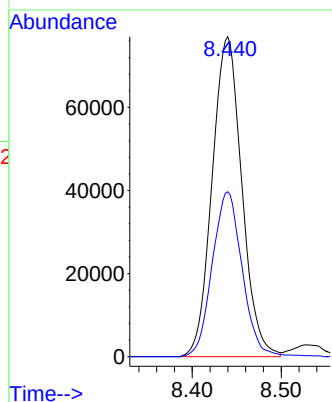
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 65 Resp: 178462
Ion Ratio Lower Upper
65 100
67 51.7 41.8 62.8

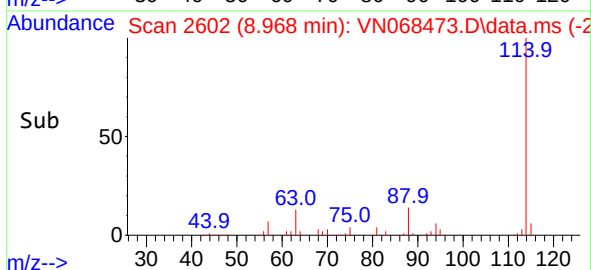
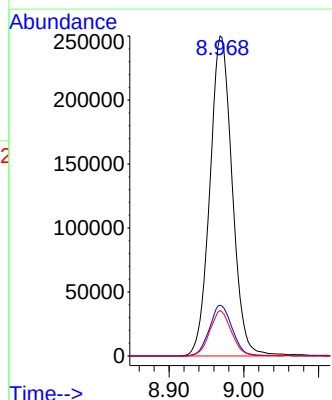
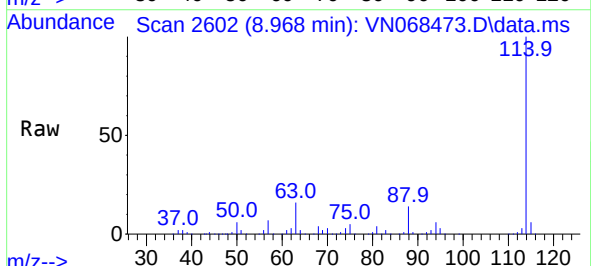
Manual Integrations
APPROVED

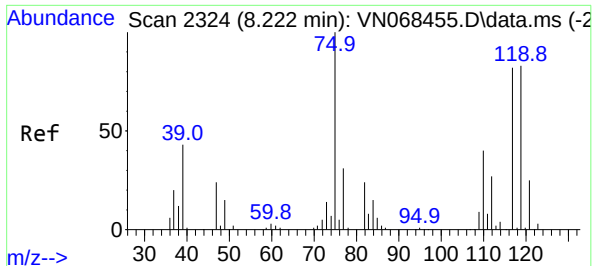
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion:114 Resp: 517374
Ion Ratio Lower Upper
114 100
63 16.2 13.4 20.0
88 13.7 11.1 16.7





#29

1,1-Dichloropropene

Concen: 19.756 ug/l

RT: 8.223 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 13699

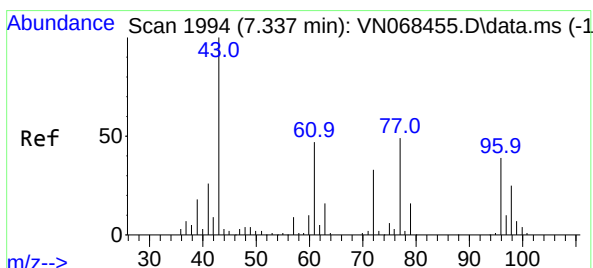
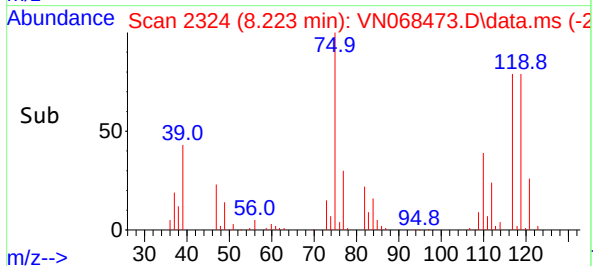
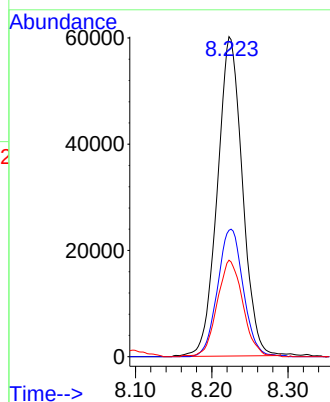
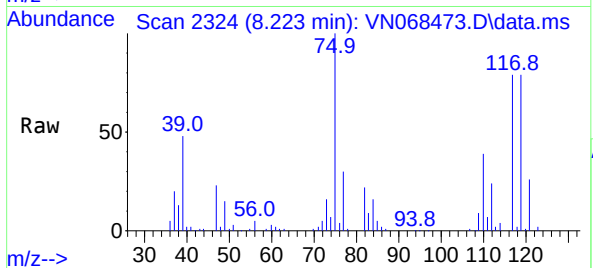
Ion	Ratio	Lower	Upper
75	100		
110	41.1	0.0	82.2
77	31.1	0.0	60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#30

2-Butanone

Concen: 94.911 ug/l

RT: 7.335 min Scan# 1993

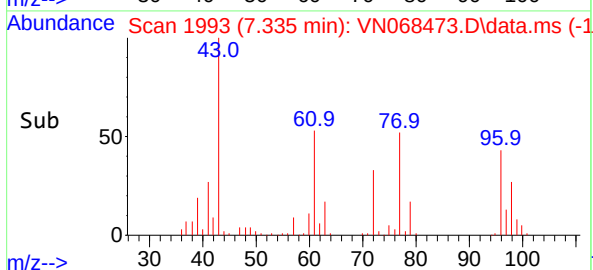
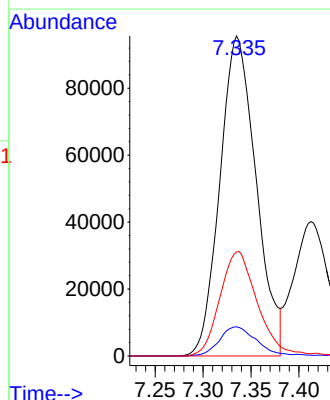
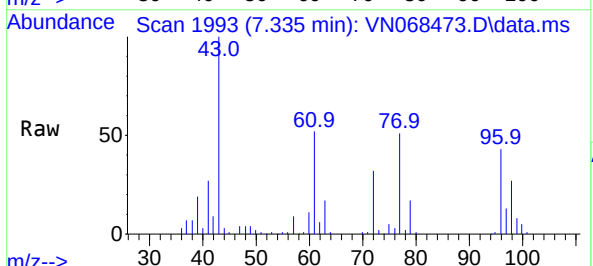
Delta R.T. -0.003 min

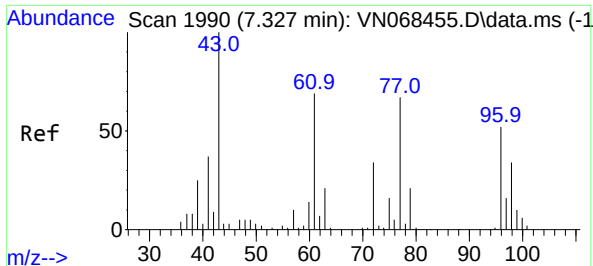
Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

Tgt Ion: 43 Resp: 251198

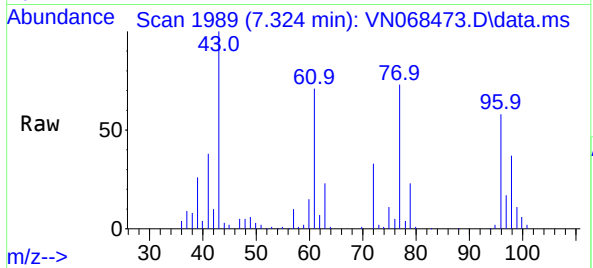
Ion	Ratio	Lower	Upper
43	100		
57	9.3	3.2	4.8#
72	33.3	26.6	39.8





#31
2,2-Dichloropropane
Concen: 19.679 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

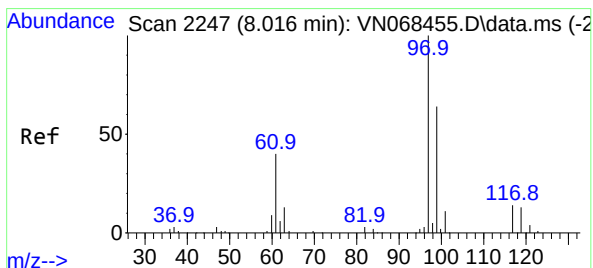
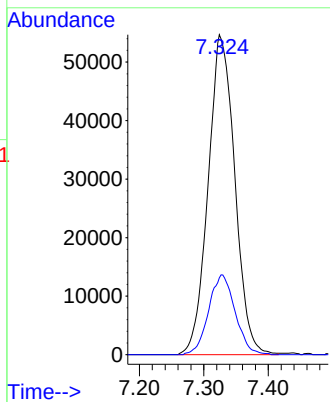
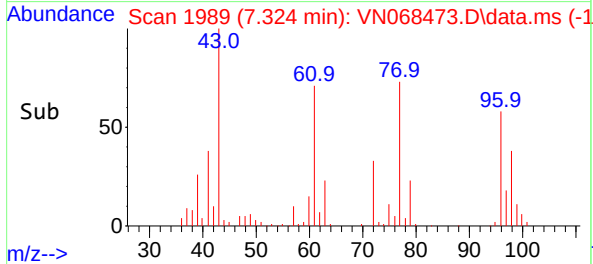
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



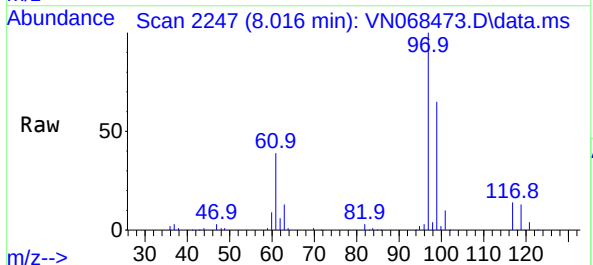
Tgt Ion: 77 Resp: 157045
Ion Ratio Lower Upper
77 100
97 24.8 18.6 28.0

Manual Integrations
APPROVED

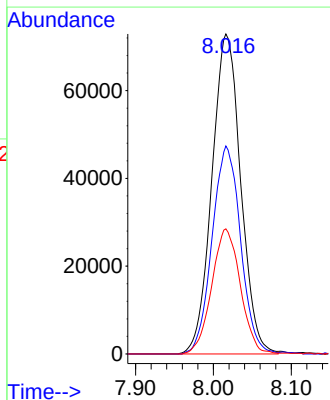
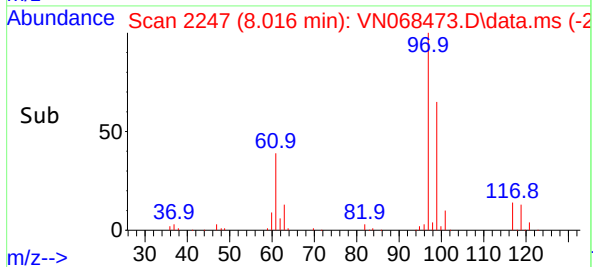
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

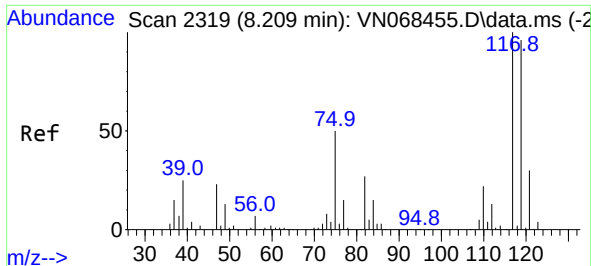


#32
1,1,1-Trichloroethane
Concen: 19.880 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



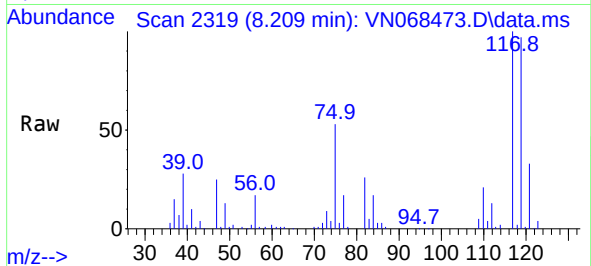
Tgt Ion: 97 Resp: 187203
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 38.8 31.4 47.0





#33
Carbon Tetrachloride
Concen: 19.652 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

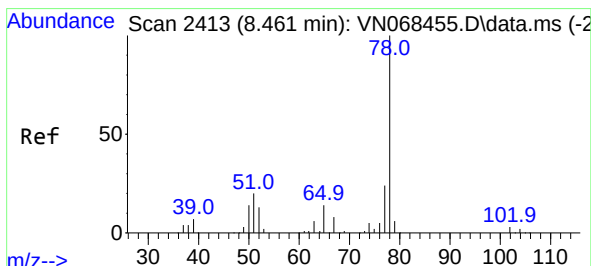
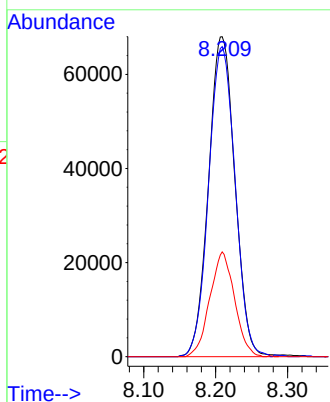
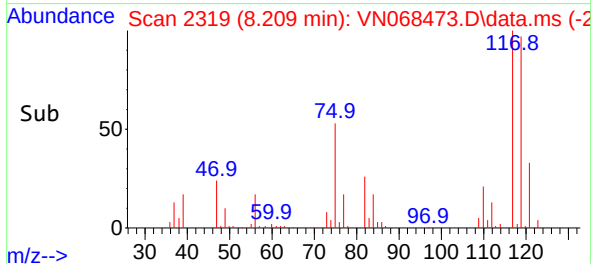
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



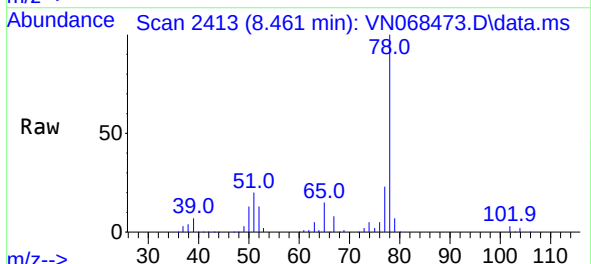
Tgt Ion: 117 Resp: 172978
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2
121 32.8 24.4 36.6

Manual Integrations
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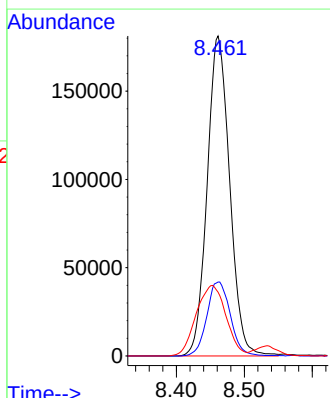
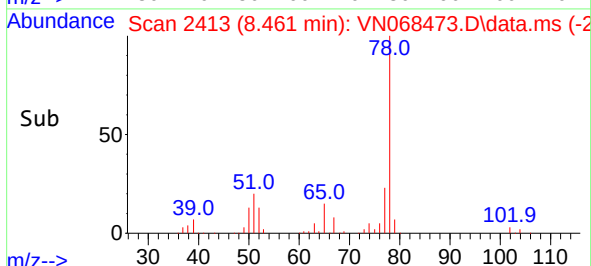
Reviewed By : John Carlone 09/15/2021
Supervised By : Mahesh Dadoda 09/15/2021

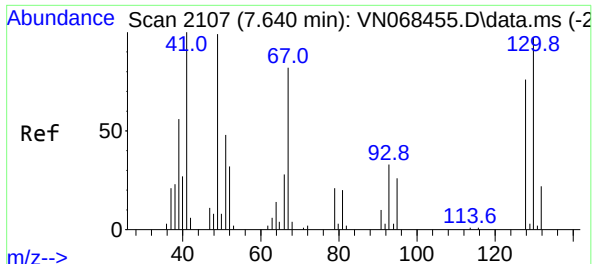


#34
Benzene
Concen: 19.742 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



Tgt Ion: 78 Resp: 417476
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8
51 19.2 15.8 23.6





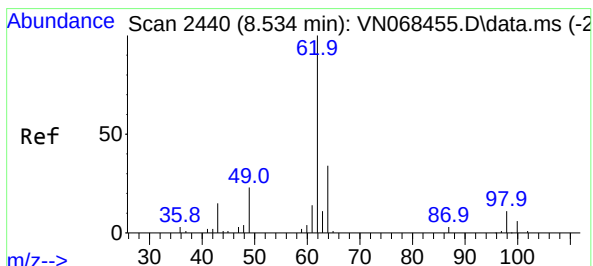
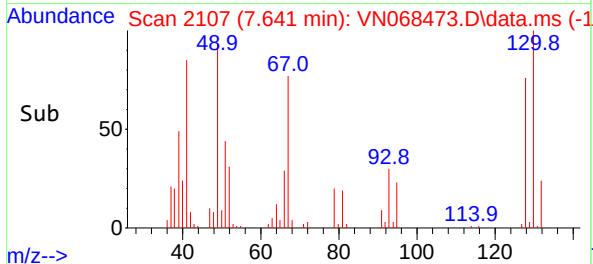
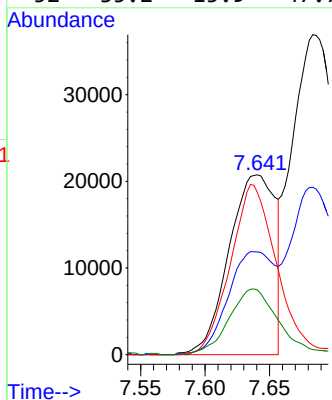
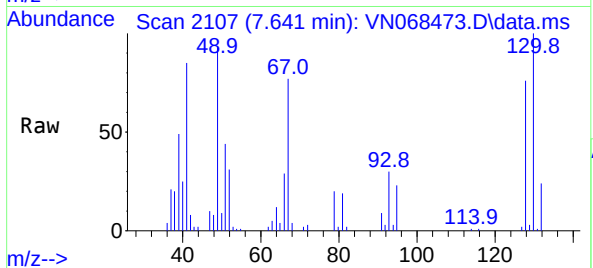
#35
Methacrylonitrile
Concen: 20.202 ug/l
RT: 7.641 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 5156
Ion Ratio Lower Upper
41 100
39 56.1 28.2 84.6
67 90.2 40.8 122.5
52 35.2 15.9 47.7

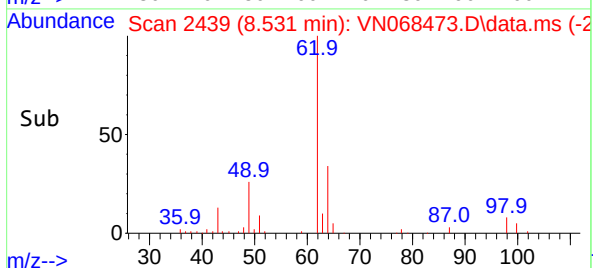
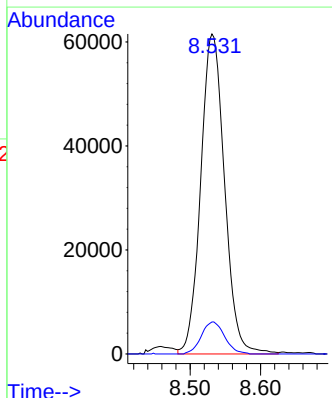
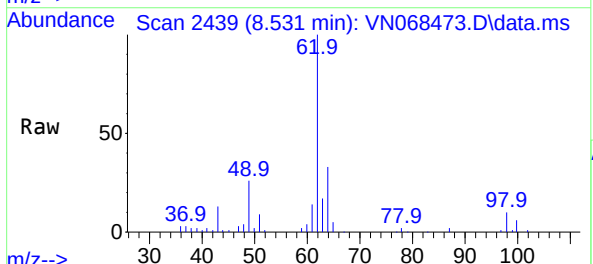
Manual Integrations
APPROVED

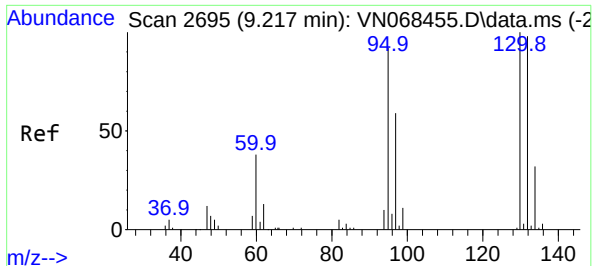
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#36
1,2-Dichloroethane
Concen: 20.295 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion: 62 Resp: 144494
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#37

Trichloroethene

Concen: 19.687 ug/l

RT: 9.218 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 13340

Ion Ratio Lower Upper

130 100

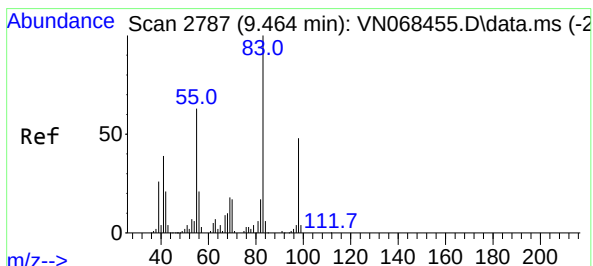
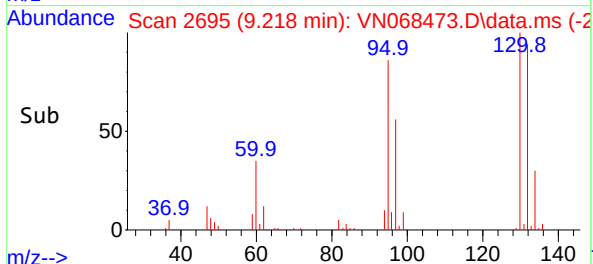
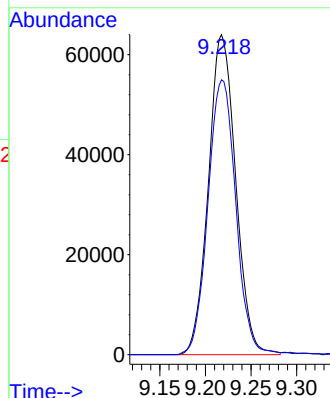
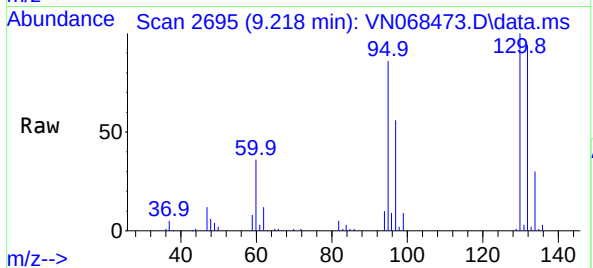
95 85.6 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#38

Methylcyclohexane

Concen: 19.860 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. -0.003 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

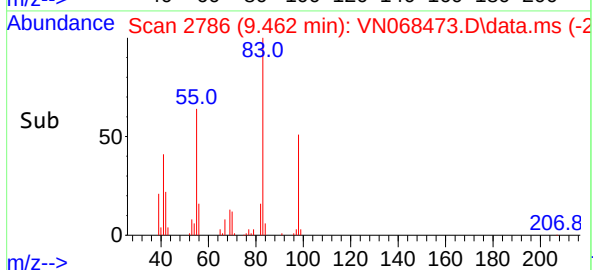
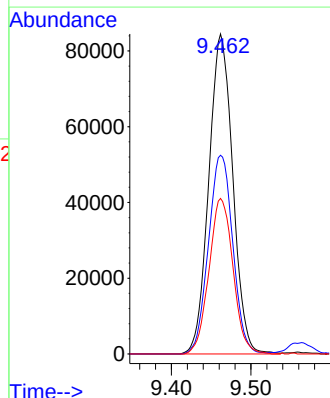
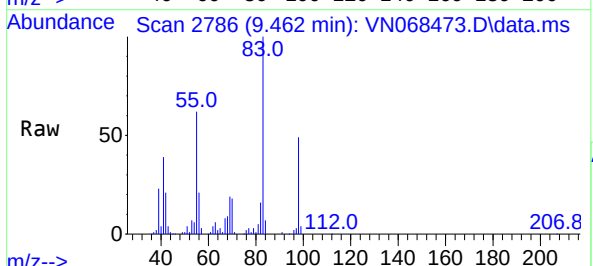
Tgt Ion: 83 Resp: 177016

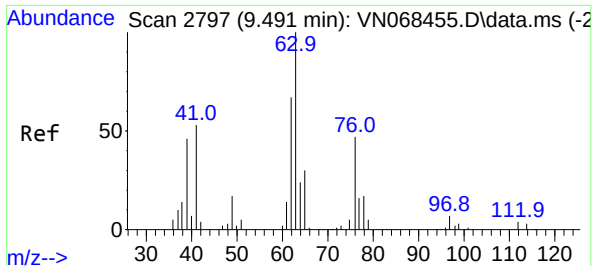
Ion Ratio Lower Upper

83 100

55 63.1 32.1 96.3

98 48.8 24.0 72.0





#39

1,2-Dichloropropane

Concen: 20.085 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 9995

Ion Ratio Lower Upper

63 100

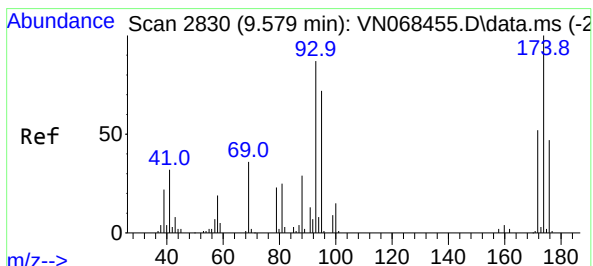
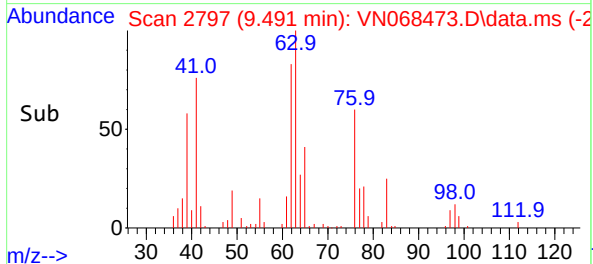
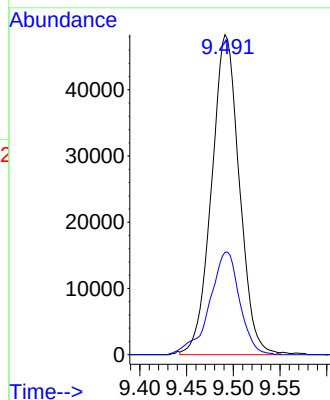
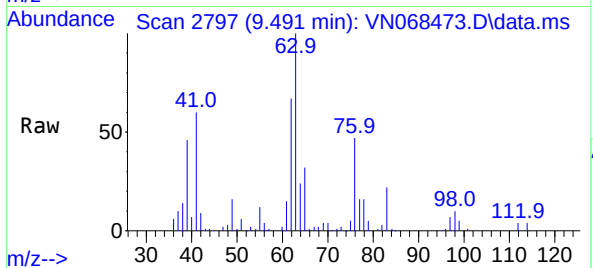
65 32.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#40

Dibromomethane

Concen: 19.847 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

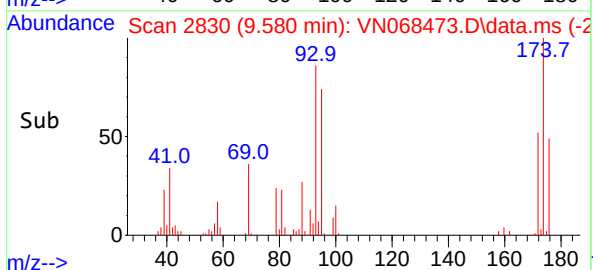
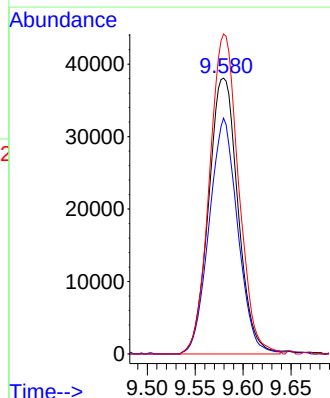
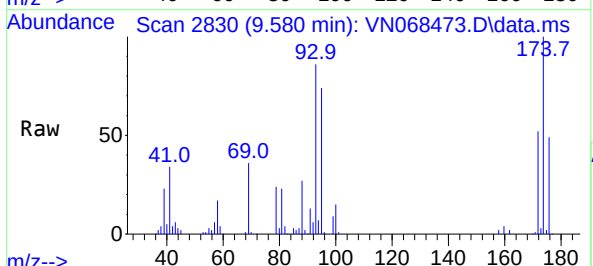
Tgt Ion: 93 Resp: 81155

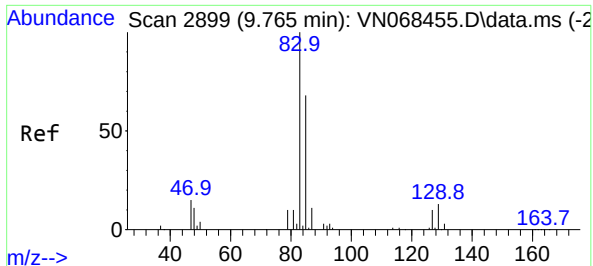
Ion Ratio Lower Upper

93 100

95 83.1 0.0 165.2

174 114.8 0.0 231.8





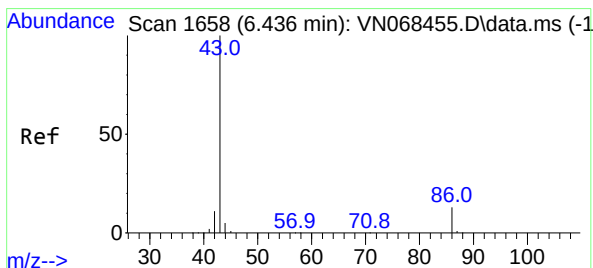
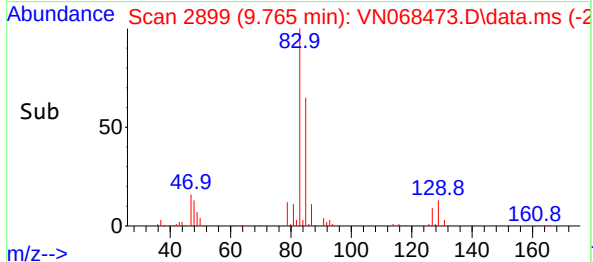
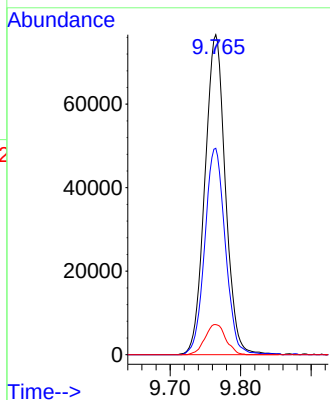
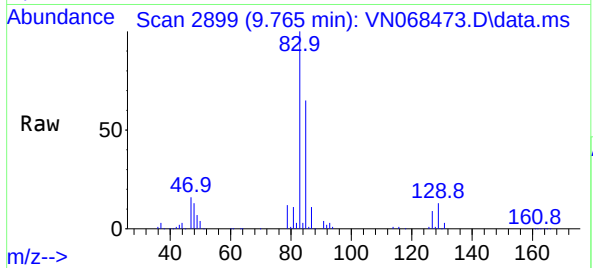
#41
Bromodichloromethane
Concen: 19.592 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 15482
Ion Ratio Lower Upper
83 100
85 64.5 54.1 81.1
127 9.4 8.8 13.2

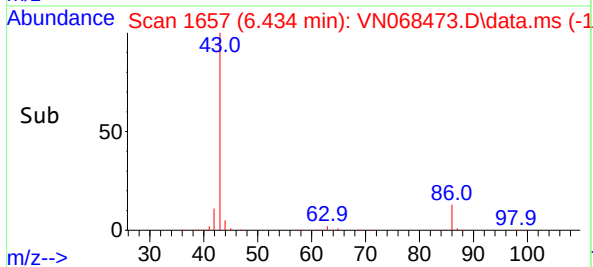
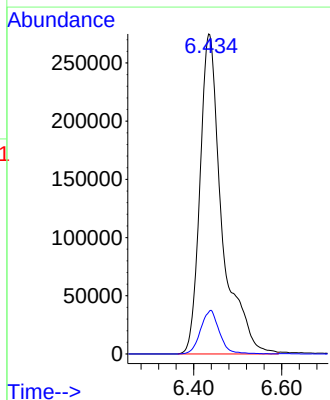
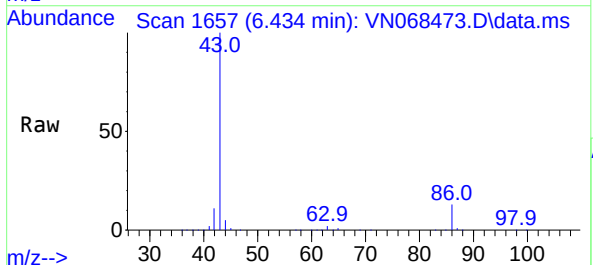
Manual Integrations
APPROVED

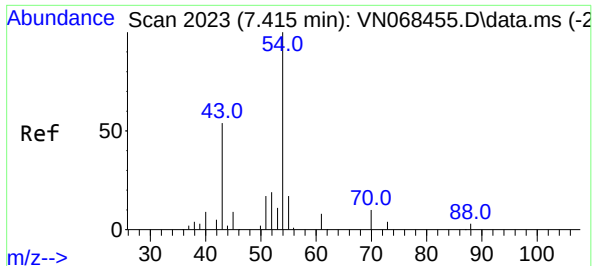
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#42
Vinyl Acetate
Concen: 98.006 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion: 43 Resp: 955701
Ion Ratio Lower Upper
43 100
86 11.6 9.0 13.6





#43

Ethyl Acetate

Concen: 20.000 ug/l m

RT: 7.413 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN068473.D

Acq: 14 Sep 2021 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 111648

Ion Ratio Lower Upper

43 100

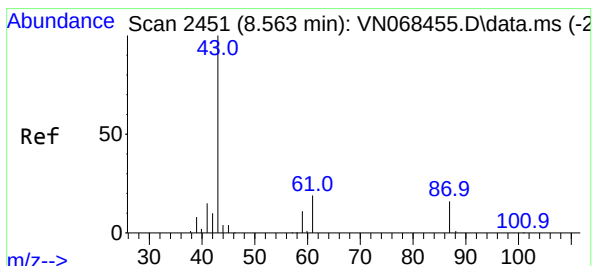
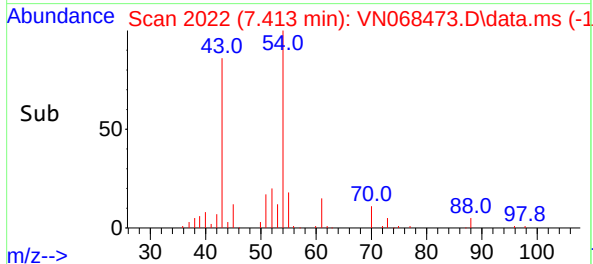
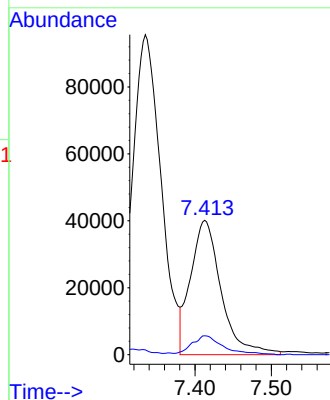
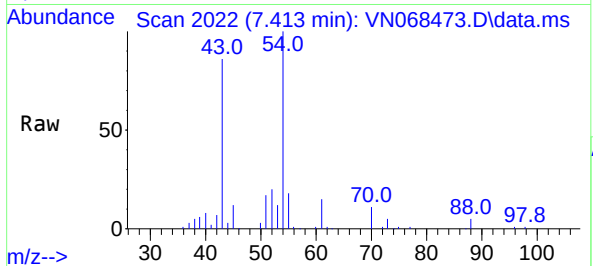
45 0.2 0.4 0.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#44

Isopropyl Acetate

Concen: 19.239 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.003 min

Lab File: VN068473.D

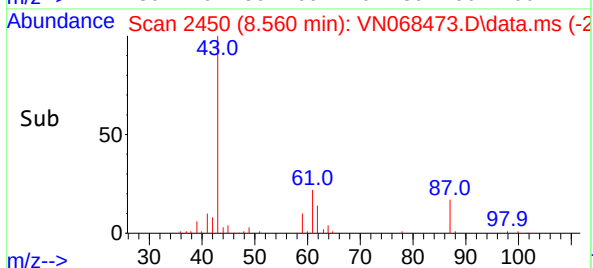
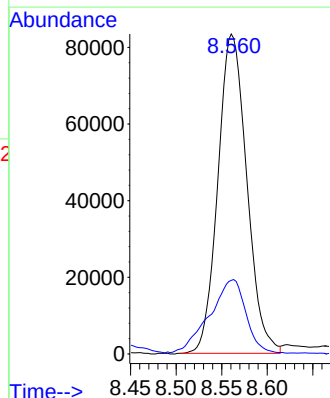
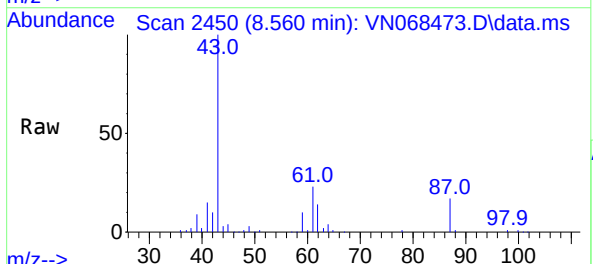
Acq: 14 Sep 2021 16:48

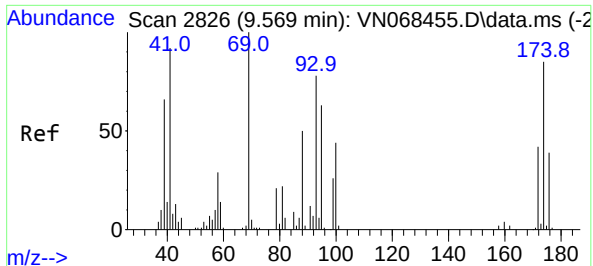
Tgt Ion: 43 Resp: 183834

Ion Ratio Lower Upper

43 100

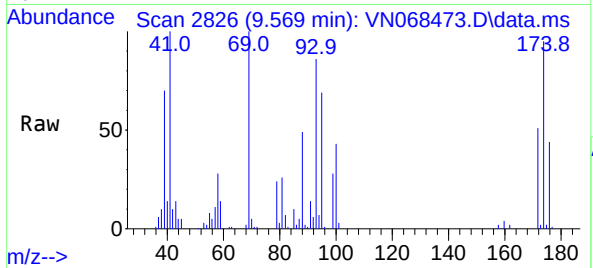
61 29.1 22.7 34.1





#45
1,4-Dioxane
Concen: 362.320 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

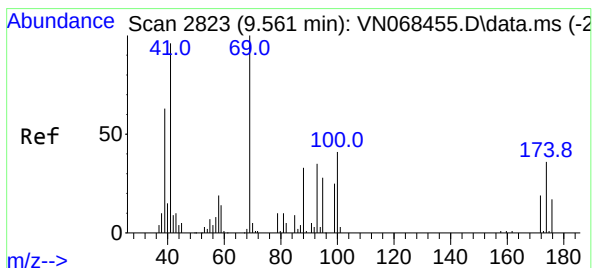
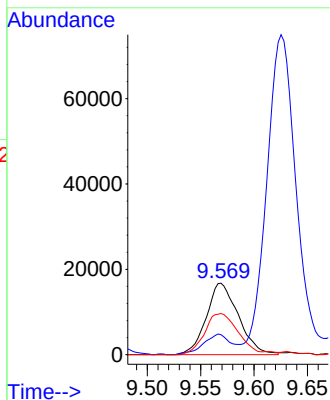
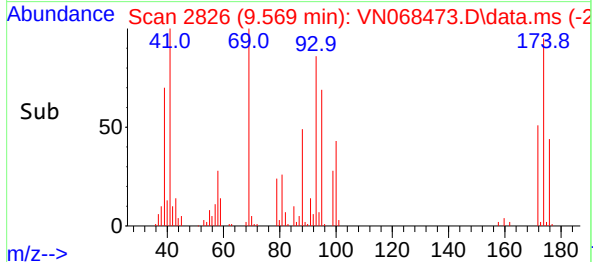
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



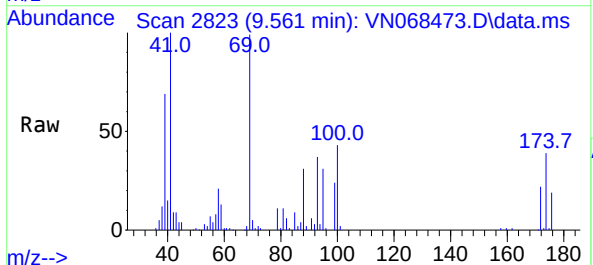
Tgt Ion: 88 Resp: 3500
Ion Ratio Lower Upper
88 100
43 24.6 21.0 31.4
58 59.4 47.0 70.6

Manual Integrations
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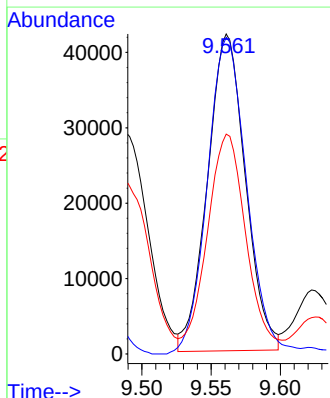
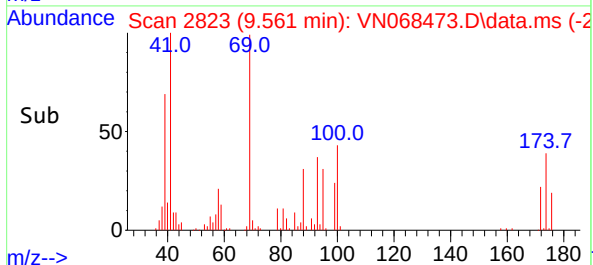
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

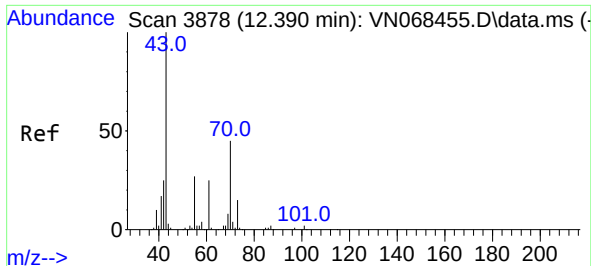


#46
Methyl methacrylate
Concen: 20.700 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



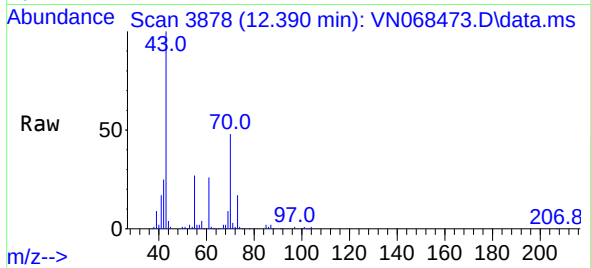
Tgt Ion: 41 Resp: 80006
Ion Ratio Lower Upper
41 100
69 103.1 51.4 154.3
39 68.4 33.1 99.2





#47
n-amy1 Acetate
Concen: 18.046 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

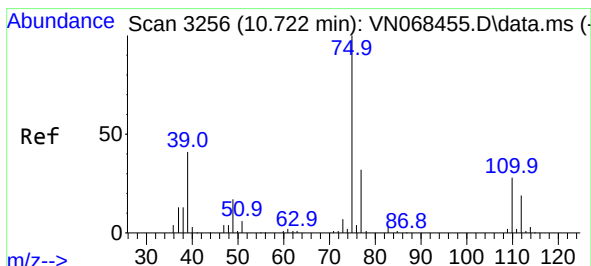
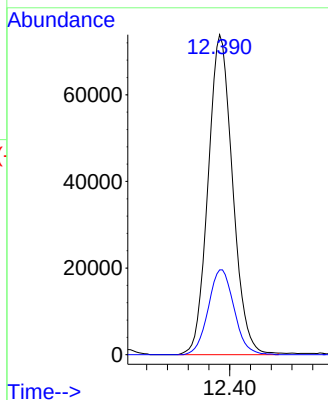
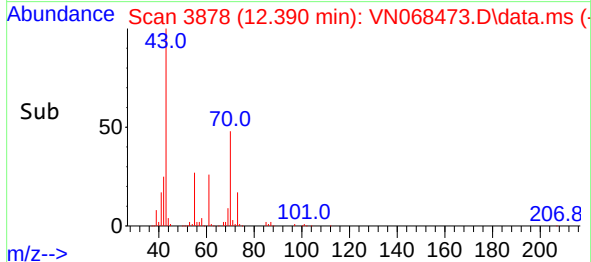
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



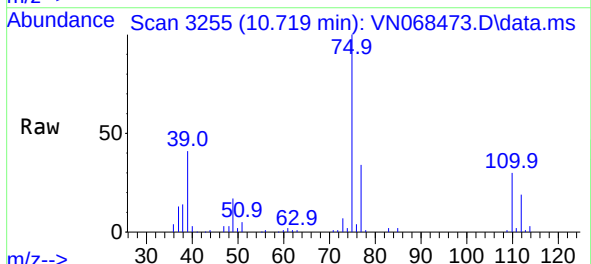
Tgt Ion: 43 Resp: 121070
Ion Ratio Lower Upper
43 100
55 27.9 21.7 32.5

Manual Integrations
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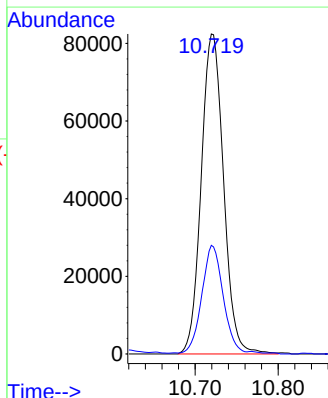
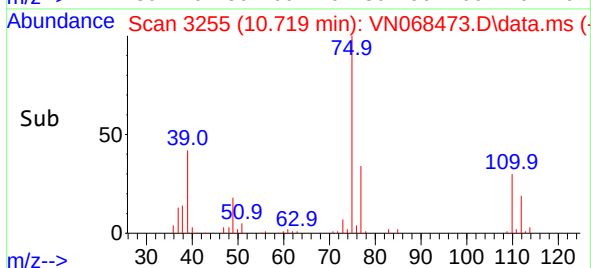
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

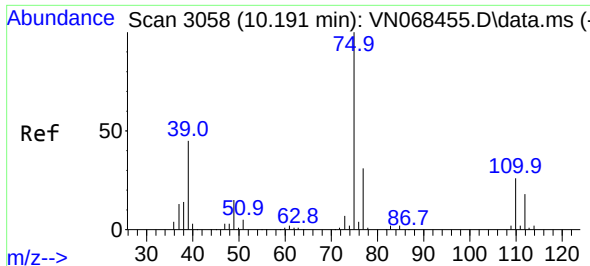


#48
t-1,3-Dichloropropene
Concen: 19.225 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



Tgt Ion: 75 Resp: 153822
Ion Ratio Lower Upper
75 100
77 33.7 26.0 39.0





#49
 cis-1,3-Dichloropropene
 Concen: 19.171 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN068473.D
 Acq: 14 Sep 2021 16:48

Instrument :

MSVOA_N

ClientSampleId :

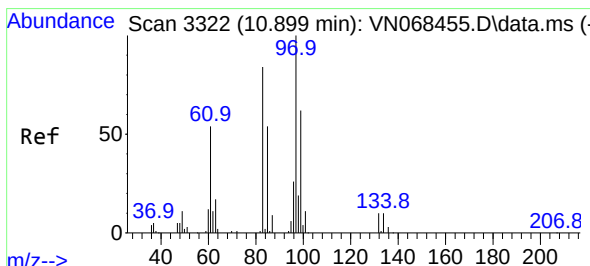
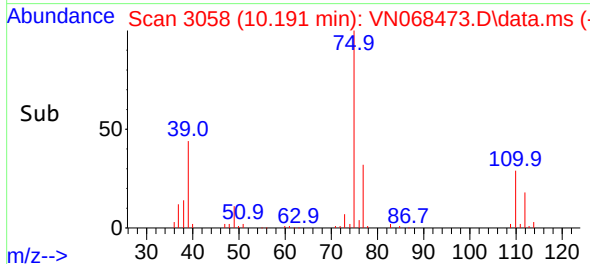
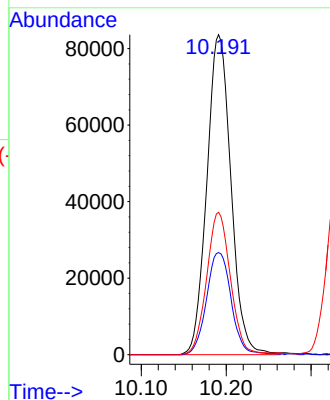
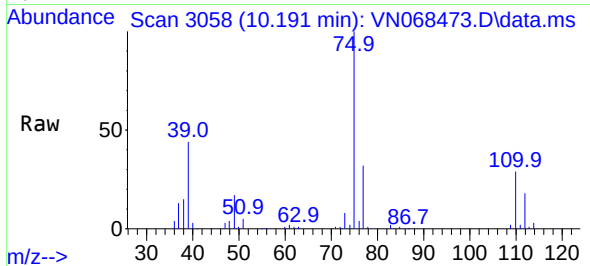
VSTDCCC020EC

Tgt Ion: 75 Resp: 16485
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 36.8
 39 44.5 35.9 53.9

Manual Integrations

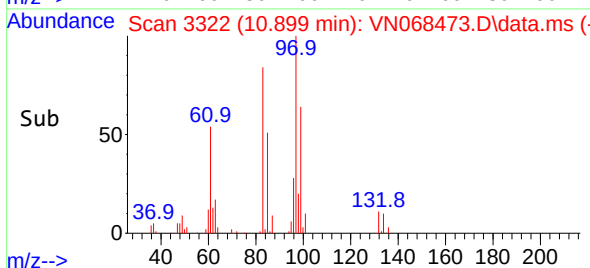
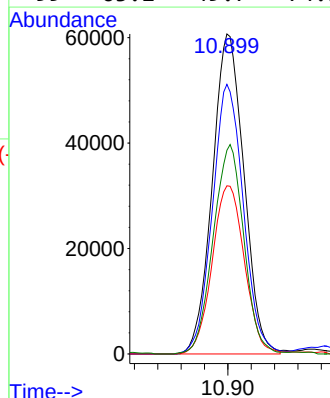
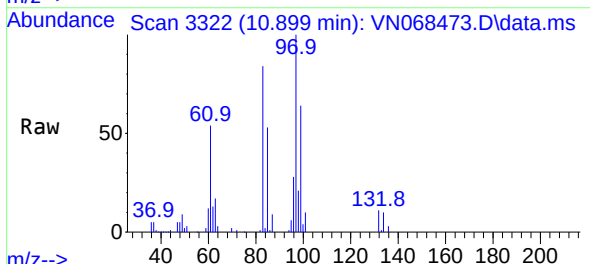
APPROVED

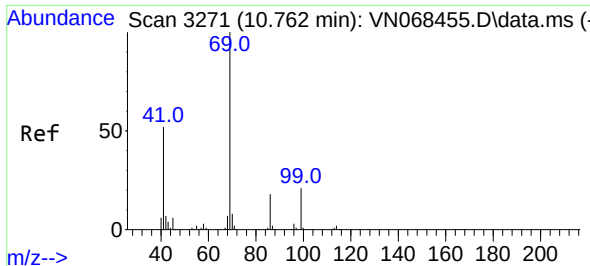
Reviewed By :John Carlone 09/15/2021
 Supervised By :Mahesh Dadoda 09/15/2021



#50
 1,1,2-Trichloroethane
 Concen: 19.259 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: VN068473.D
 Acq: 14 Sep 2021 16:48

Tgt Ion: 97 Resp: 113807
 Ion Ratio Lower Upper
 97 100
 83 83.9 66.8 100.2
 85 52.2 43.5 65.3
 99 63.2 49.7 74.5





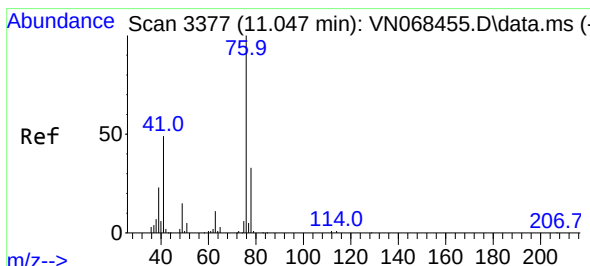
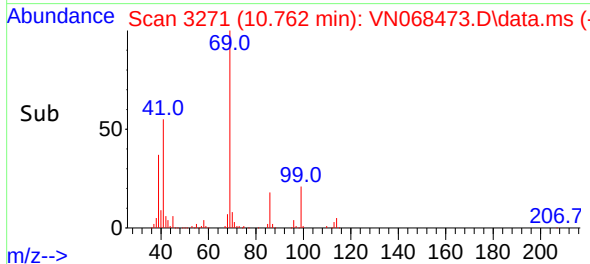
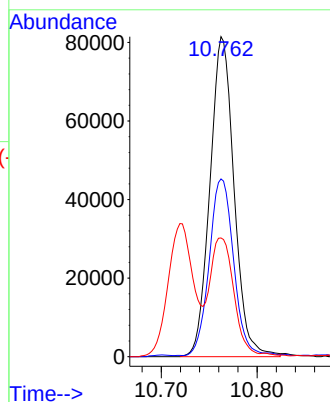
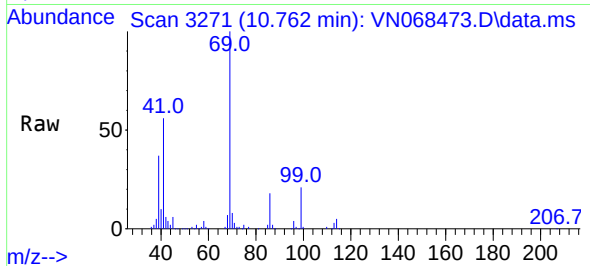
#51
Ethyl methacrylate
Concen: 18.782 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 142492
Ion Ratio Lower Upper
69 100
41 55.1 26.1 78.3
39 36.6 18.0 54.0

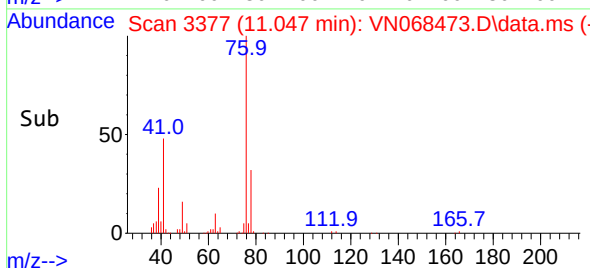
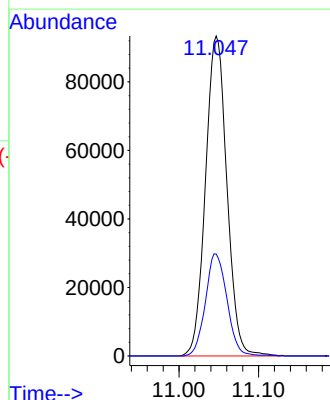
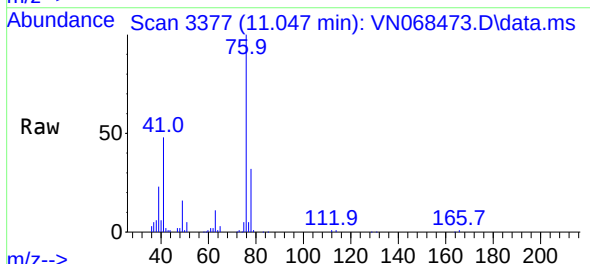
Manual Integrations
APPROVED

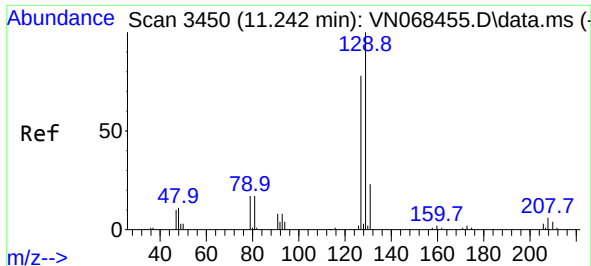
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#52
1,3-Dichloropropane
Concen: 19.853 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

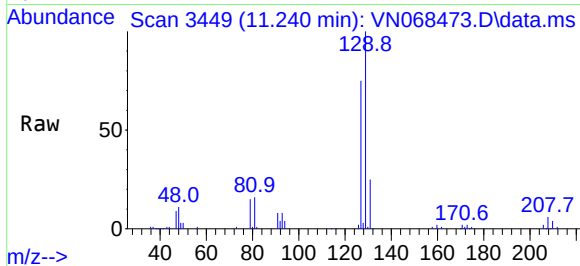
Tgt Ion: 76 Resp: 174464
Ion Ratio Lower Upper
76 100
78 32.1 0.0 66.4





#53
Dibromochloromethane
Concen: 19.296 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

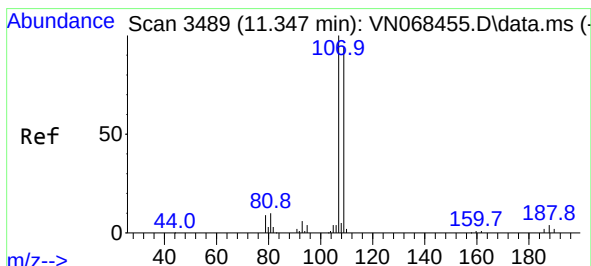
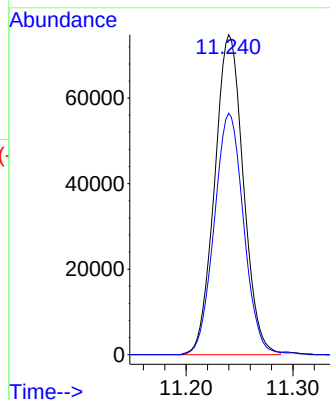
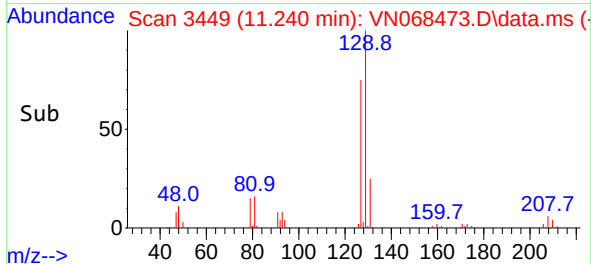
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



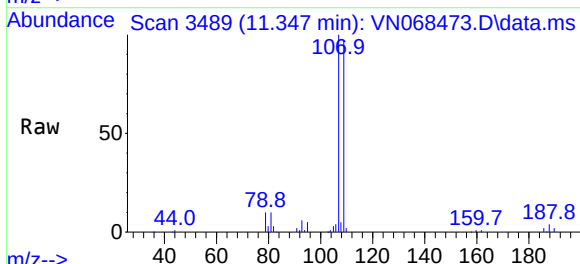
Tgt Ion:129 Resp: 140208
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

Manual Integrations
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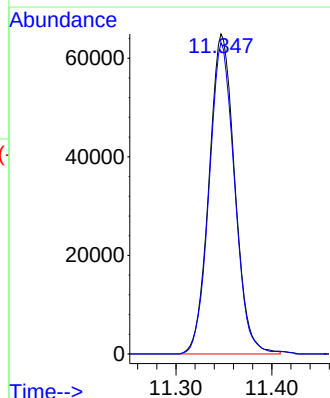
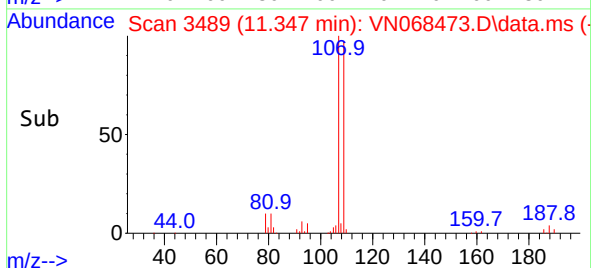
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

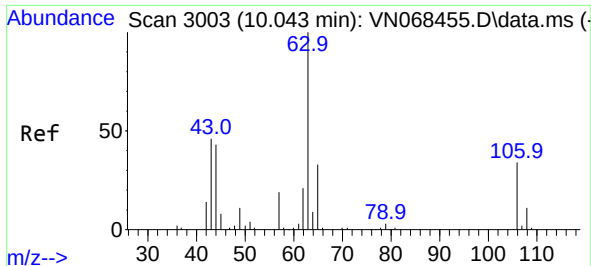


#54
1,2-Dibromoethane
Concen: 19.130 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



Tgt Ion:107 Resp: 121235
Ion Ratio Lower Upper
107 100
109 95.6 77.0 115.4





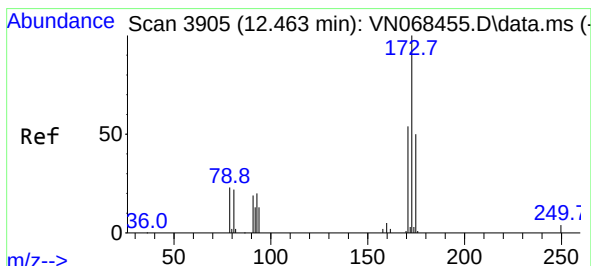
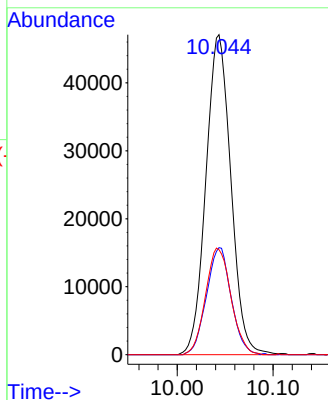
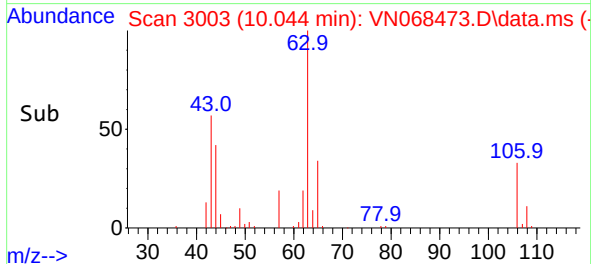
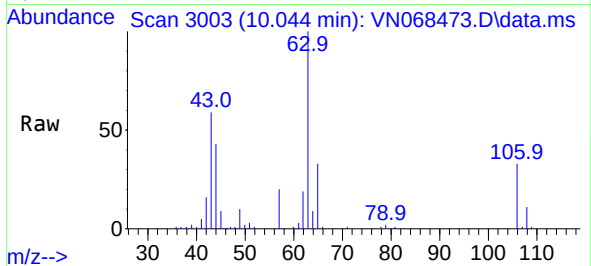
#55
2-Chloroethyl vinyl ether
Concen: 66.330 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 85190
Ion Ratio Lower Upper
63 100
65 33.0 26.2 39.2
106 33.9 27.7 41.5

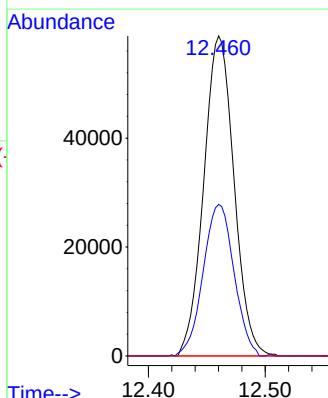
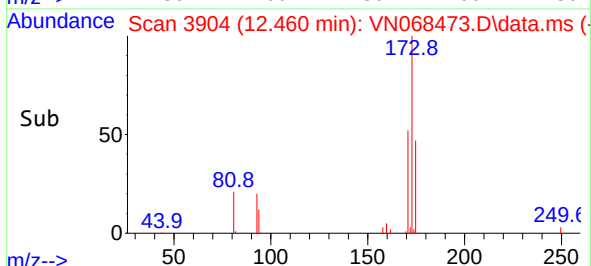
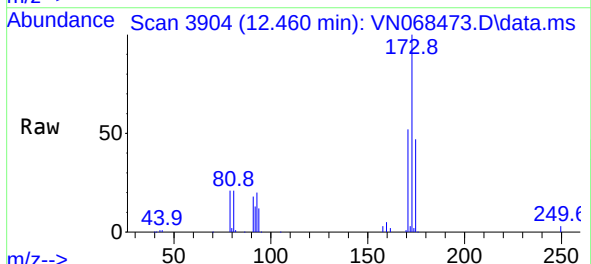
Manual Integrations
APPROVED

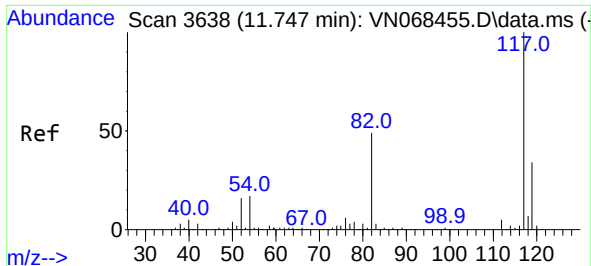
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#56
Bromoform
Concen: 18.148 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

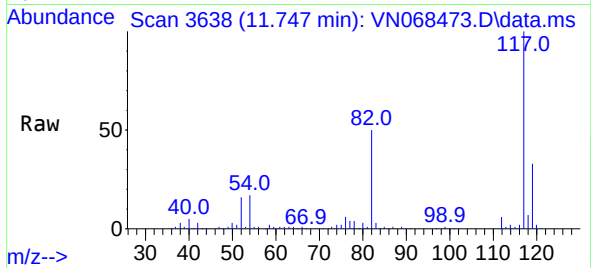
Tgt Ion:173 Resp: 105915
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3011
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

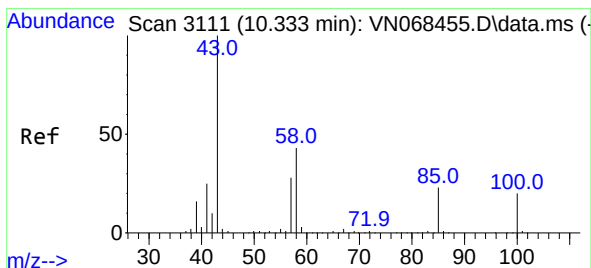
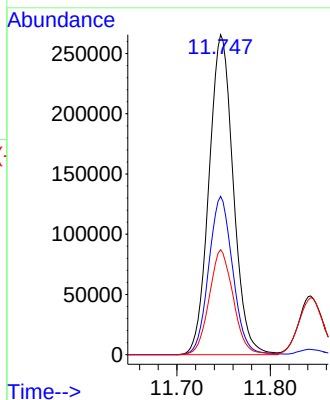
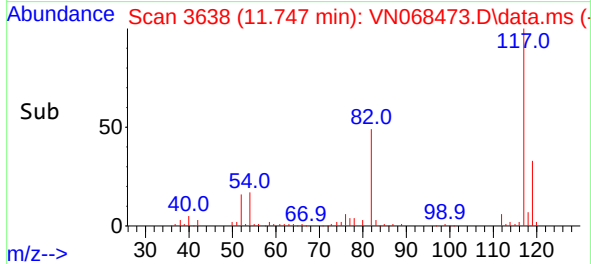
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



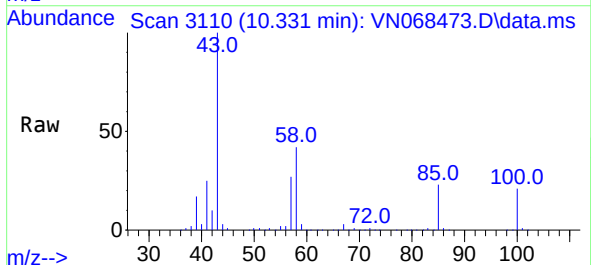
Tgt Ion: 117 Resp: 480198
Ion Ratio Lower Upper
117 100
82 49.0 39.4 59.0
119 32.4 26.2 39.2

Manual Integrations
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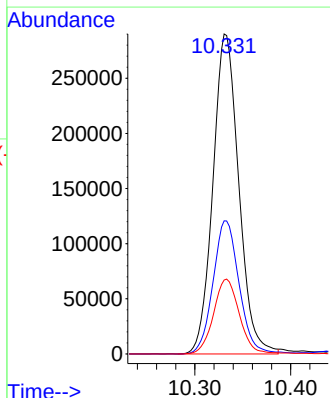
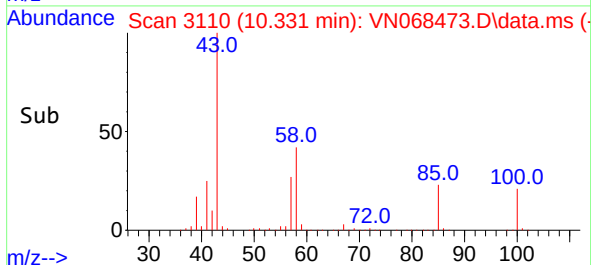
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

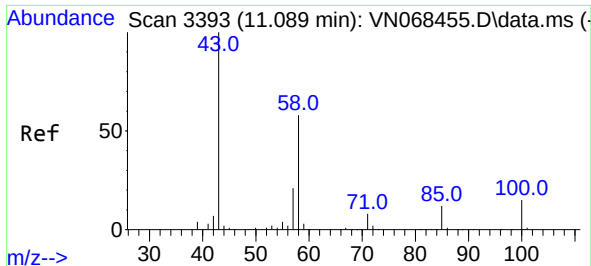


#58
4-Methyl-2-Pentanone
Concen: 96.060 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



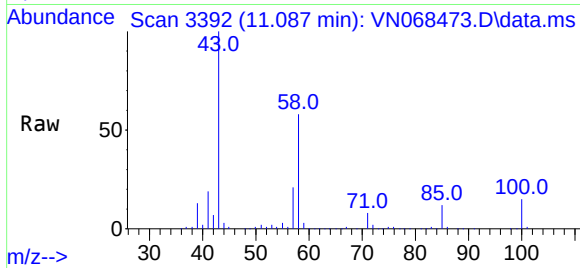
Tgt Ion: 43 Resp: 543002
Ion Ratio Lower Upper
43 100
58 42.1 33.3 49.9
85 23.5 18.6 27.8





#59
2-Hexanone
Concen: 97.053 ug/l
RT: 11.087 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

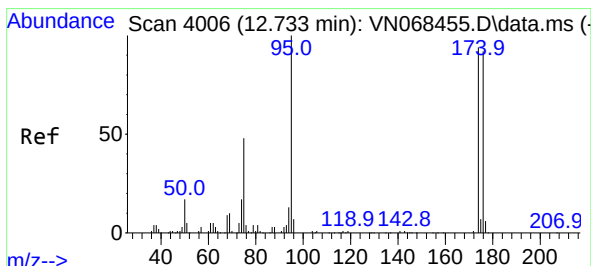
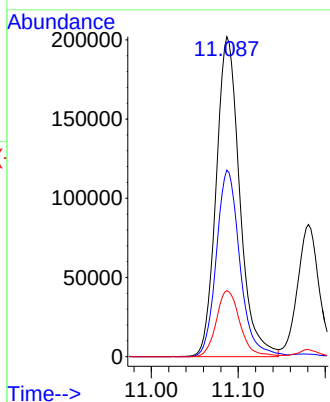
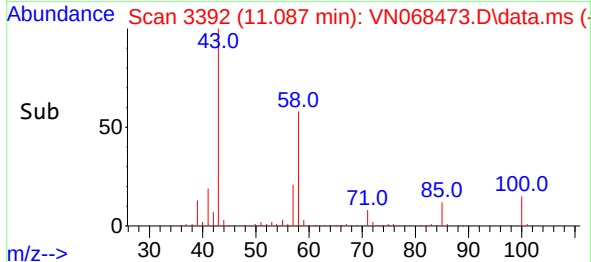
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



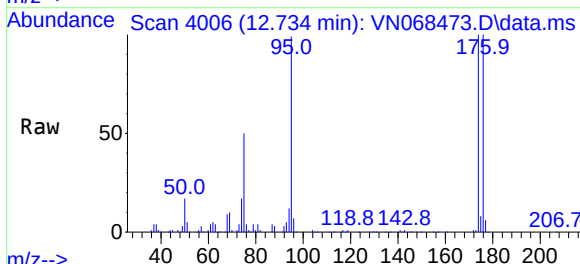
Tgt Ion: 43 Resp: 380224
Ion Ratio Lower Upper
43 100
58 58.4 46.4 69.6
57 20.8 16.6 25.0

Manual Integrations
APPROVED

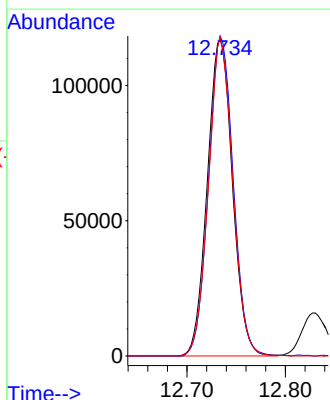
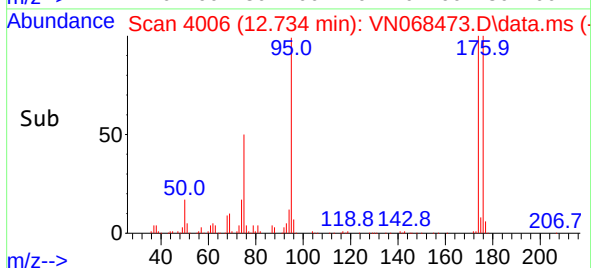
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

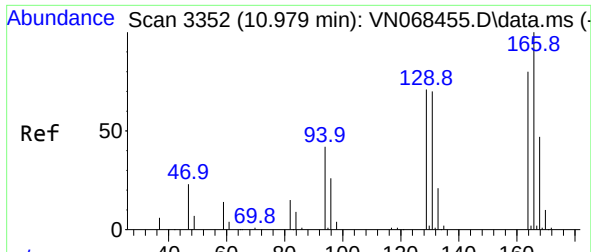


#60
4-Bromofluorobenzene
Concen: 30.404 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



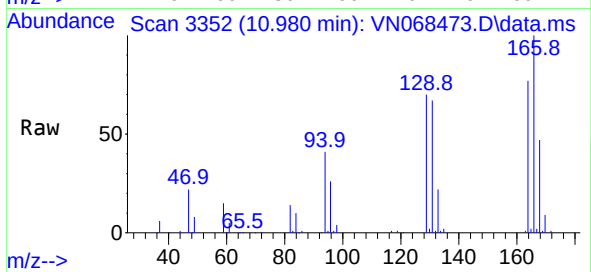
Tgt Ion: 95 Resp: 208097
Ion Ratio Lower Upper
95 100
174 99.1 78.0 117.0
176 96.9 76.4 114.6





#61
Tetrachloroethene
Concen: 19.965 ug/l
RT: 10.980 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

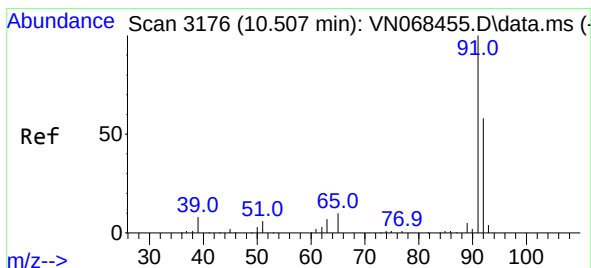
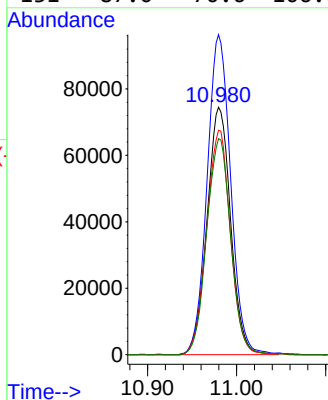
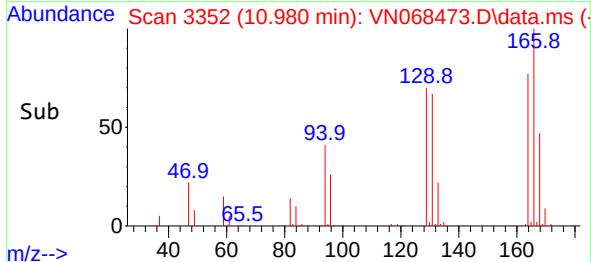
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



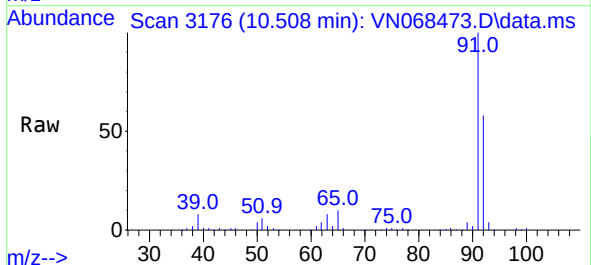
Tgt Ion:164 Resp: 137849
Ion Ratio Lower Upper
164 100
166 129.3 100.4 150.6
129 90.6 71.4 107.0
131 87.0 70.6 106.0

Manual Integrations
APPROVED

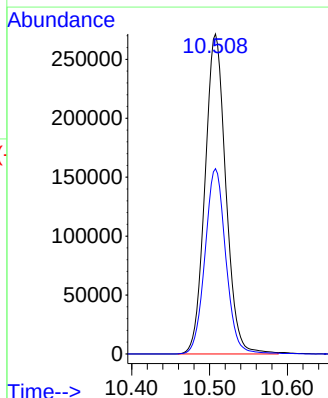
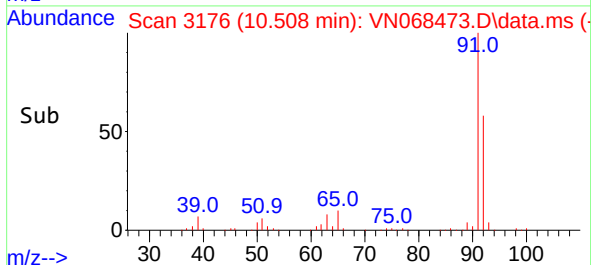
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

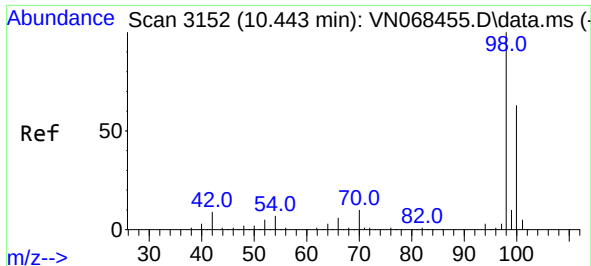


#62
Toluene
Concen: 19.981 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



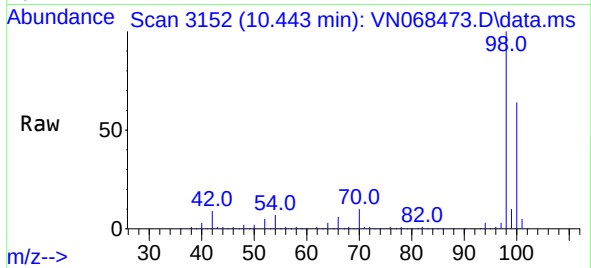
Tgt Ion: 91 Resp: 504981
Ion Ratio Lower Upper
91 100
92 57.8 45.8 68.6





#63
Toluene-d8
Concen: 30.445 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

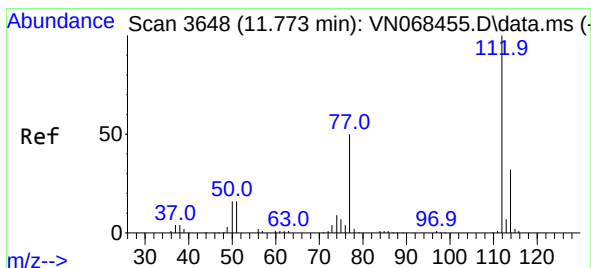
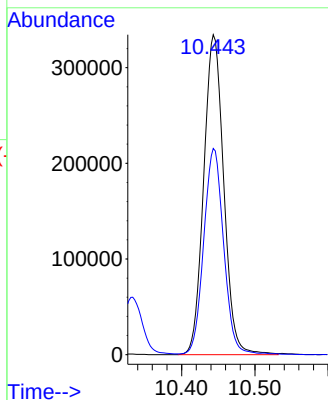
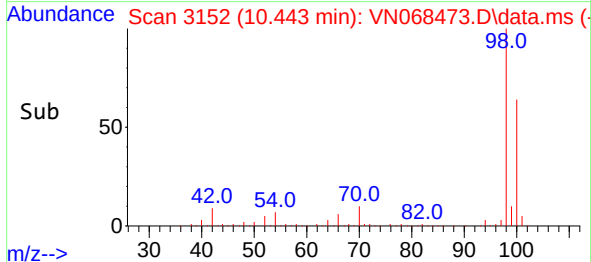
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



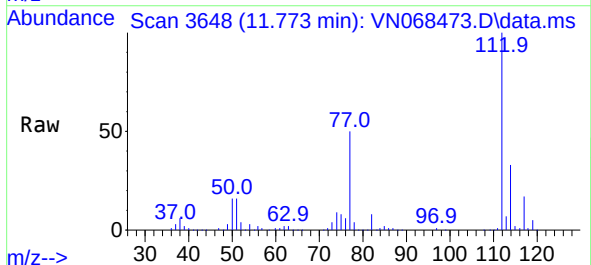
Tgt Ion: 98 Resp: 63599
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

Manual Integrations
APPROVED

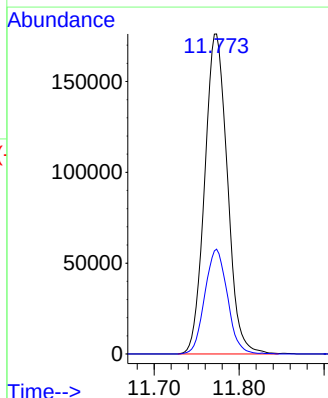
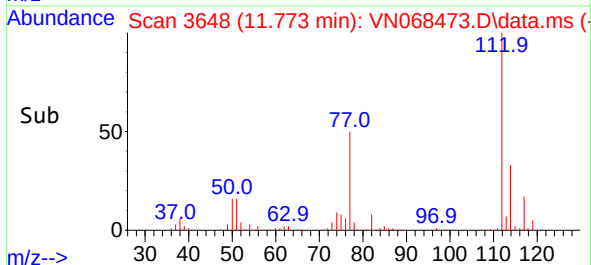
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

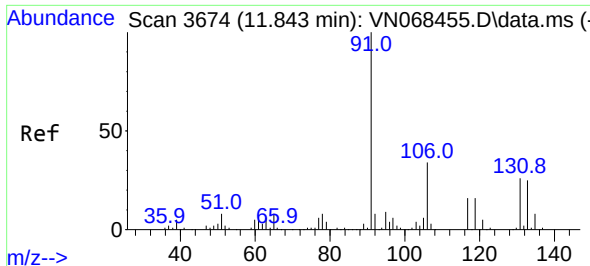


#64
Chlorobenzene
Concen: 19.615 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



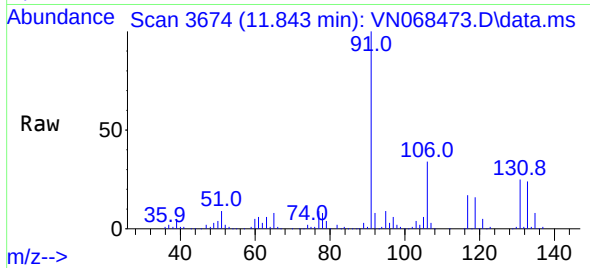
Tgt Ion:112 Resp: 326959
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.658 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

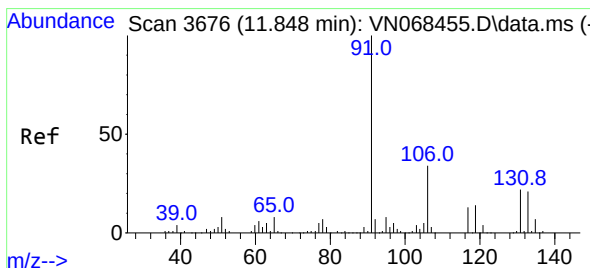
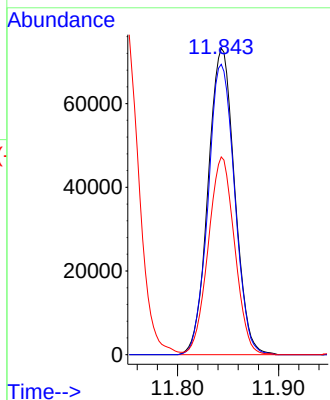
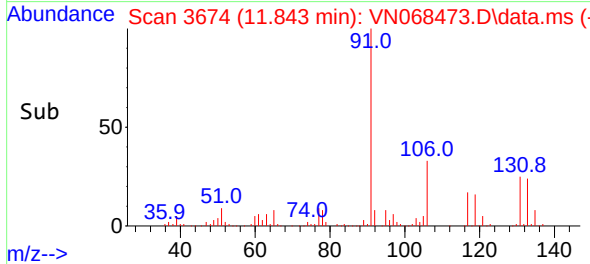
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



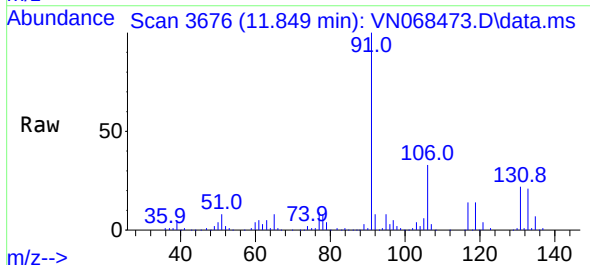
Tgt Ion:131 Resp: 133730
Ion Ratio Lower Upper
131 100
133 94.9 0.0 192.2
119 63.5 0.0 127.0

Manual Integrations
APPROVED

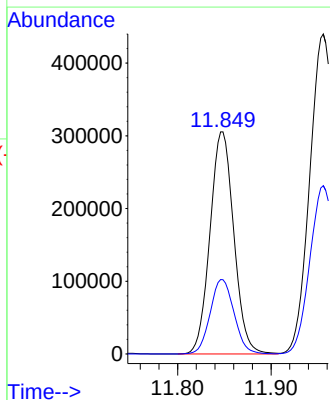
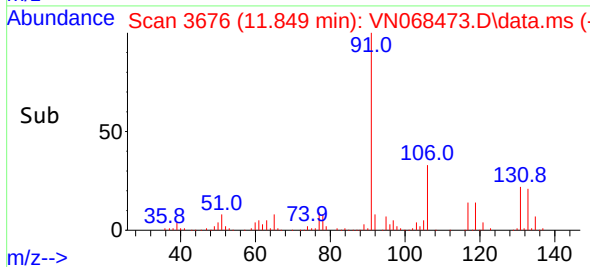
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

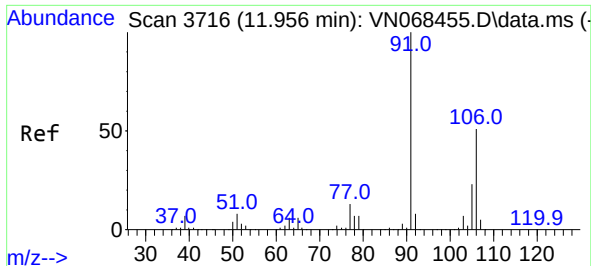


#66
Ethyl Benzene
Concen: 19.731 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



Tgt Ion: 91 Resp: 541954
Ion Ratio Lower Upper
91 100
106 33.4 27.2 40.8





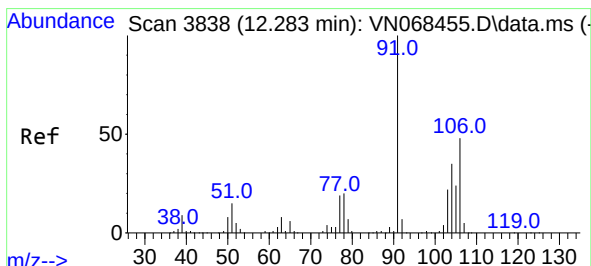
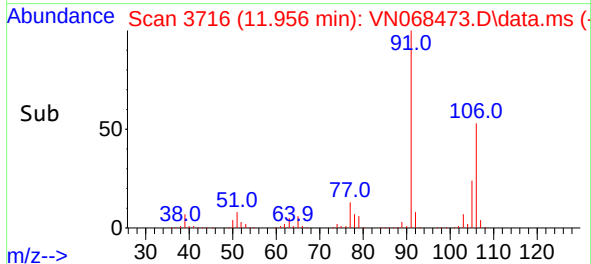
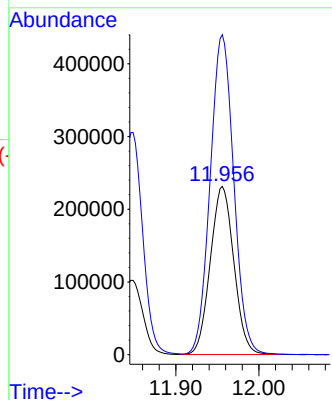
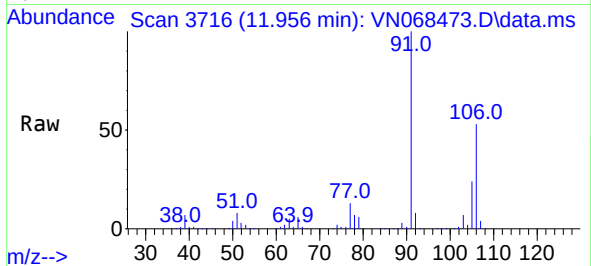
#67
m/p-Xylenes
Concen: 40.255 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 455772
Ion Ratio Lower Upper
106 100
91 189.9 152.7 229.1

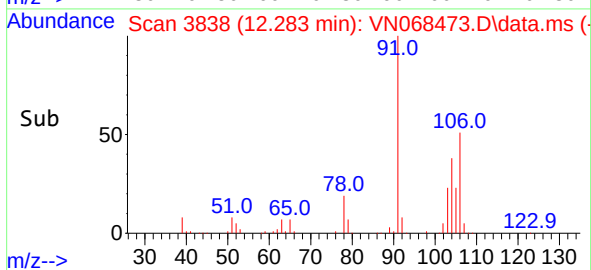
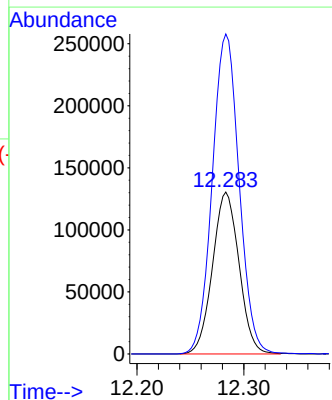
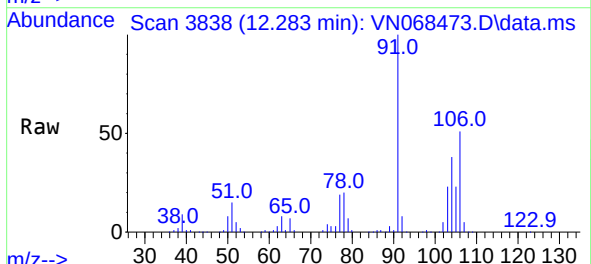
Manual Integrations
APPROVED

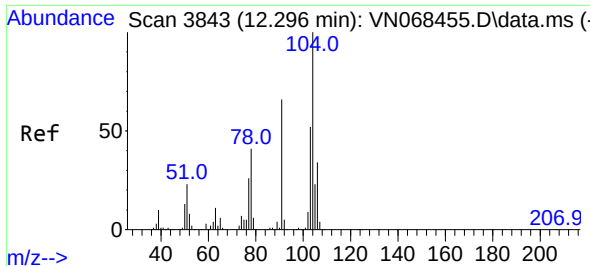
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#68
o-Xylene
Concen: 20.130 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

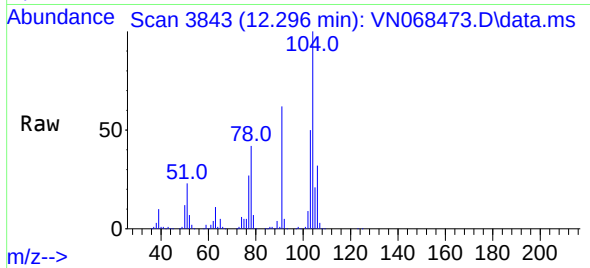
Tgt Ion:106 Resp: 225026
Ion Ratio Lower Upper
106 100
91 200.3 101.5 304.5





#69
Styrene
Concen: 20.355 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

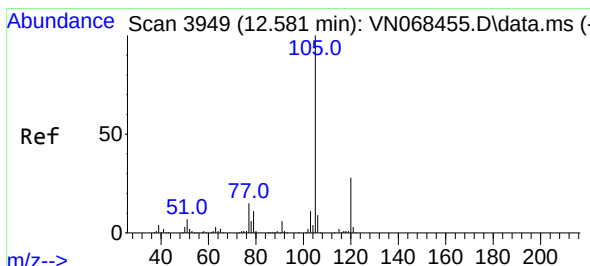
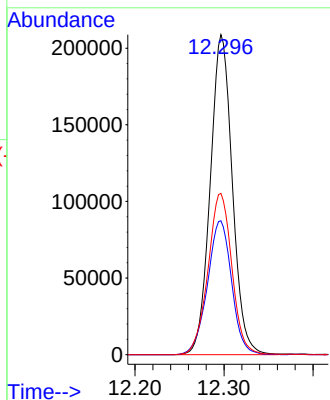
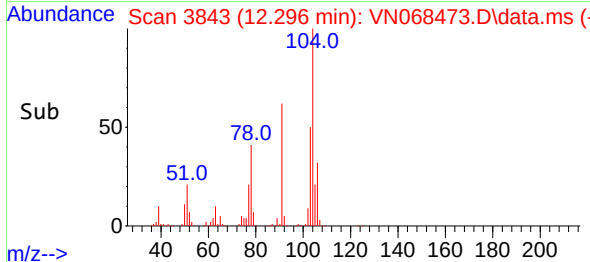
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



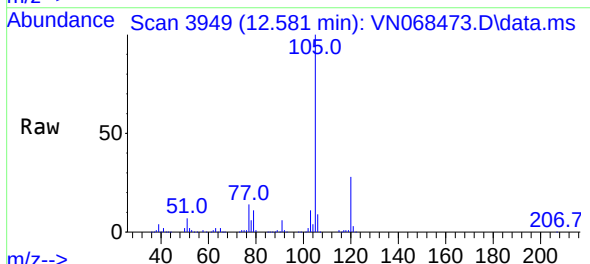
Tgt Ion:104 Resp: 360814
Ion Ratio Lower Upper
104 100
78 45.7 36.5 54.7
103 54.4 43.5 65.3

Manual Integrations
APPROVED

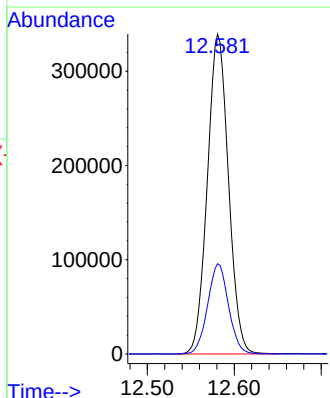
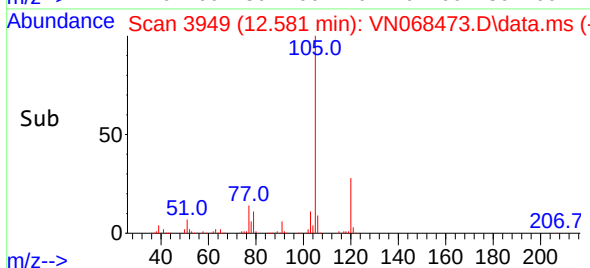
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

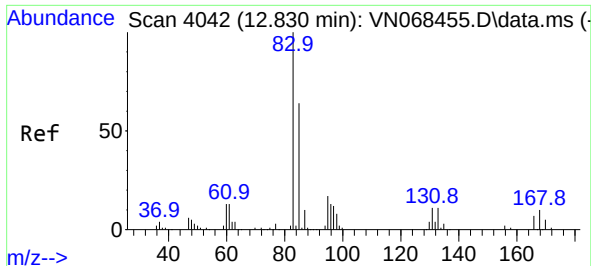


#70
Isopropylbenzene
Concen: 20.154 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



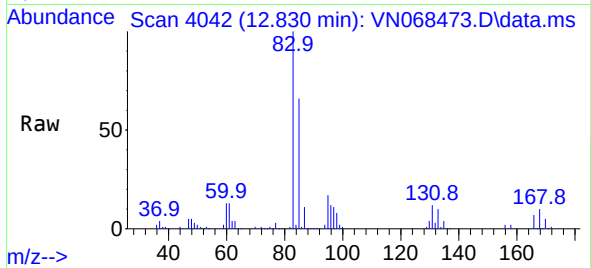
Tgt Ion:105 Resp: 572030
Ion Ratio Lower Upper
105 100
120 27.9 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.583 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

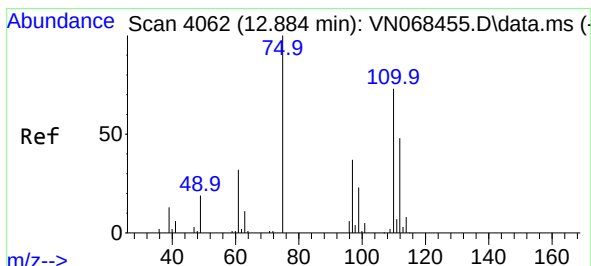
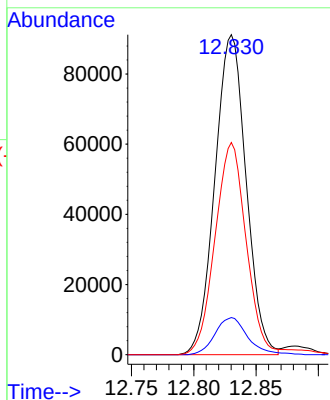
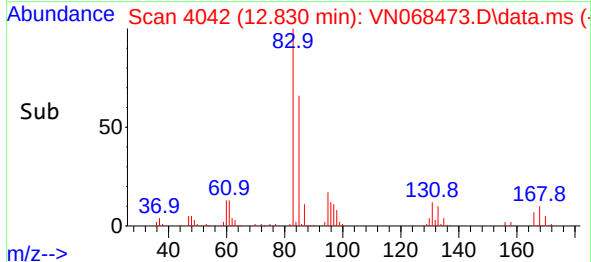
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



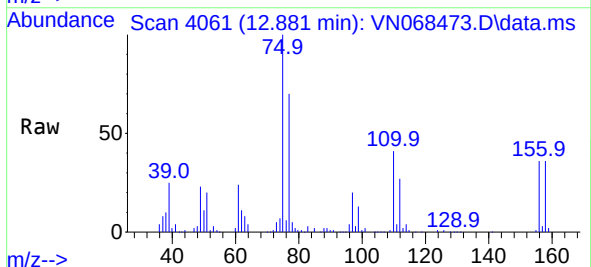
Tgt Ion: 83 Resp: 159019
Ion Ratio Lower Upper
83 100
131 12.1 5.9 17.7
85 66.0 31.9 95.9

Manual Integrations
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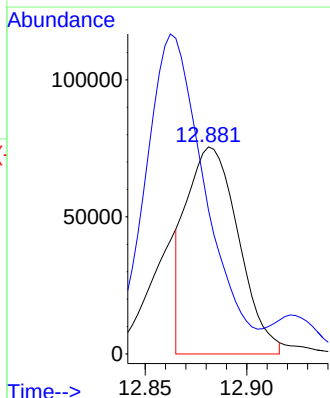
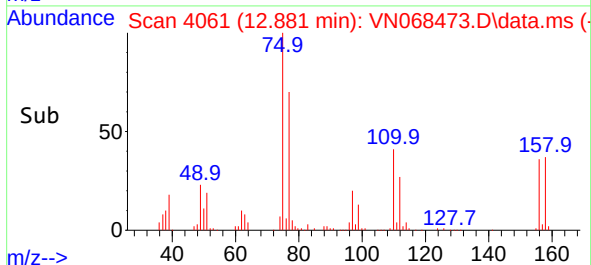
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

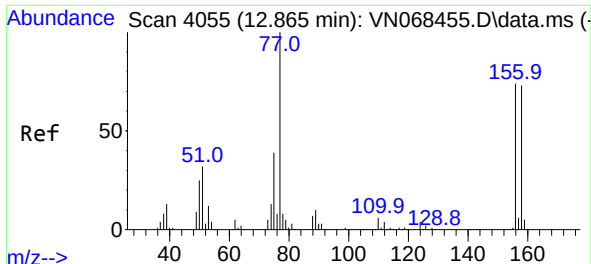


#72
1,2,3-Trichloropropane
Concen: 20.825 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



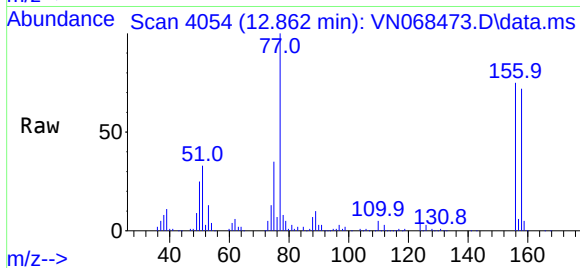
Tgt Ion: 75 Resp: 133941
Ion Ratio Lower Upper
75 100
77 178.2 0.0 357.6





#73
Bromobenzene
Concen: 19.136 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

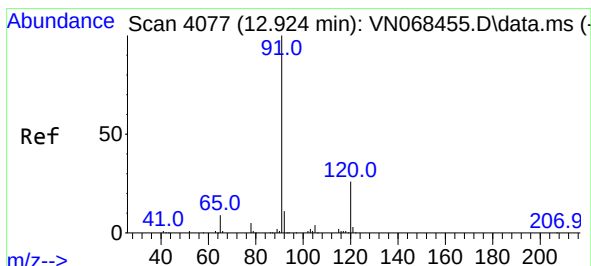
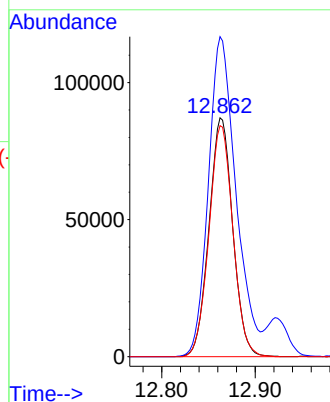
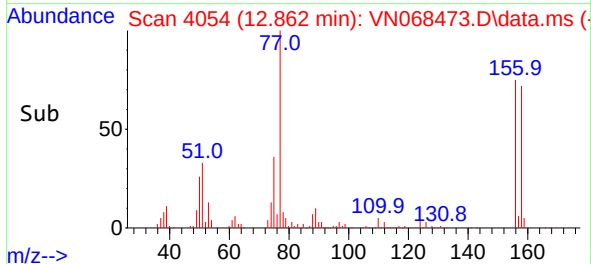
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



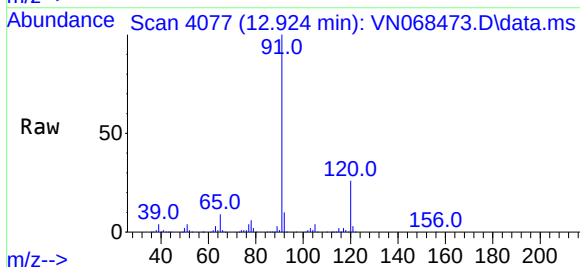
Tgt Ion:156 Resp: 154184
Ion Ratio Lower Upper
156 100
77 154.8 0.0 318.8
158 97.6 0.0 196.2

Manual Integrations
APPROVED

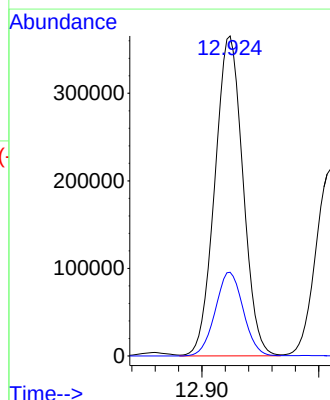
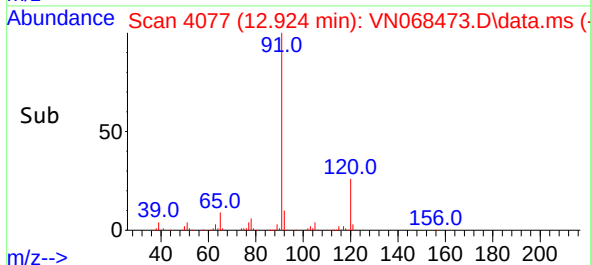
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

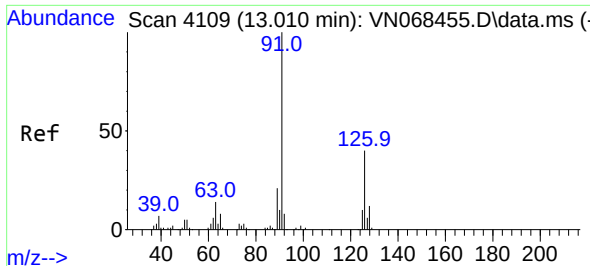


#74
n-propylbenzene
Concen: 19.930 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



Tgt Ion: 91 Resp: 610042
Ion Ratio Lower Upper
91 100
120 26.0 0.0 51.6





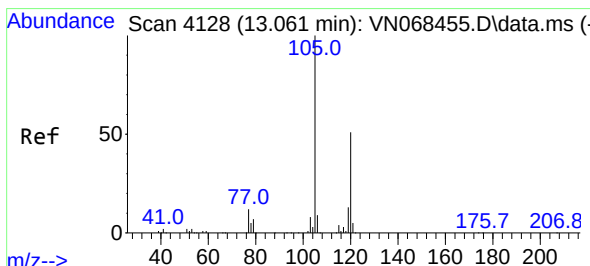
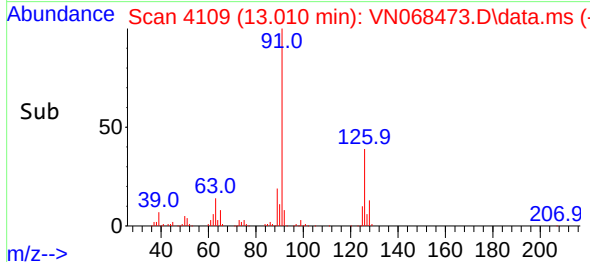
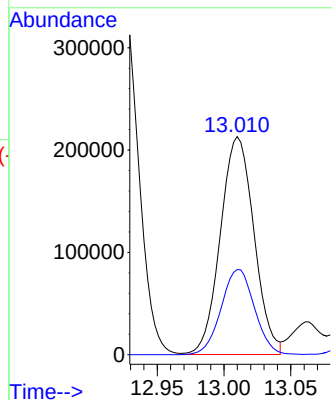
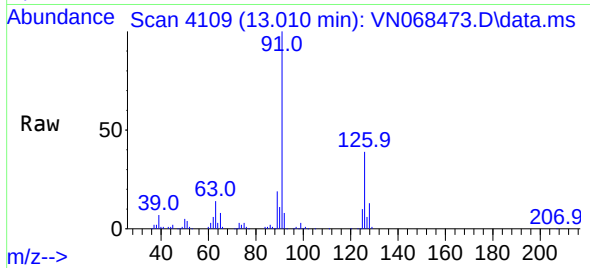
#75
2-Chlorotoluene
Concen: 20.296 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 373890
Ion Ratio Lower Upper
91 100
126 38.8 0.0 77.2

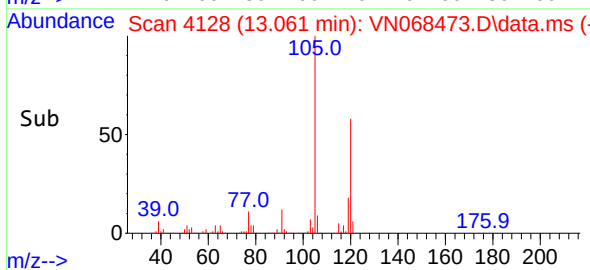
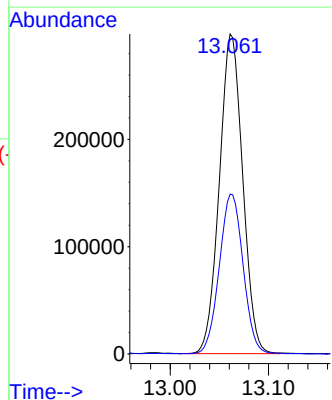
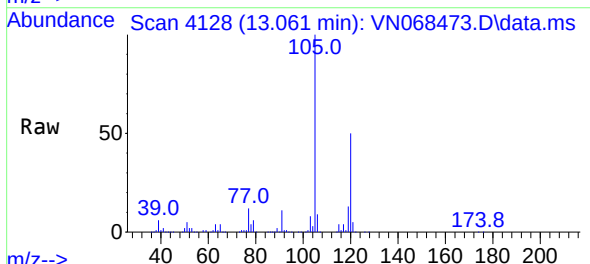
Manual Integrations
APPROVED

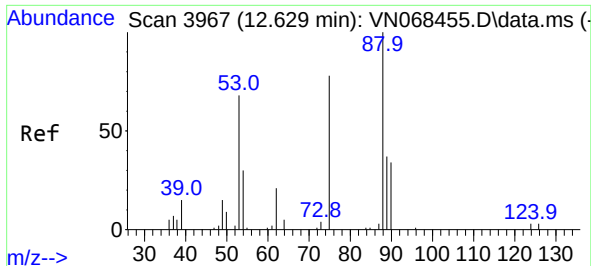
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#76
1,3,5-Trimethylbenzene
Concen: 20.734 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion:105 Resp: 491326
Ion Ratio Lower Upper
105 100
120 51.2 0.0 103.4





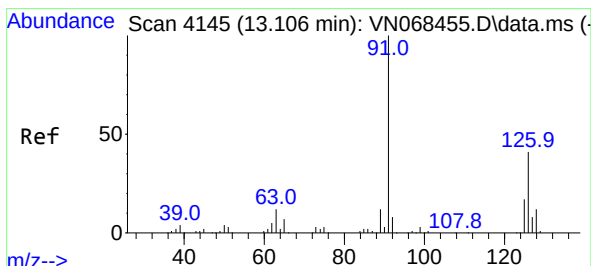
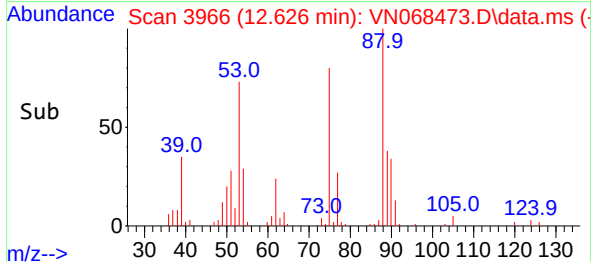
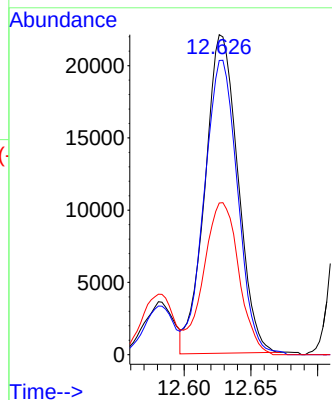
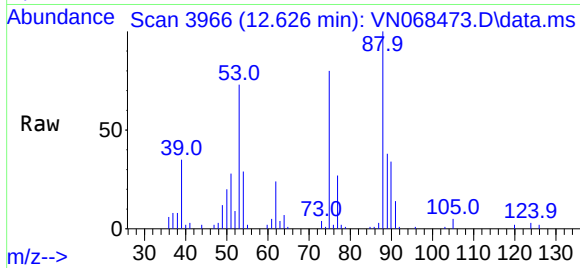
#77
t-1,4-Dichloro-2-butene
Concen: 17.811 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 37800
Ion Ratio Lower Upper
75 100
53 91.6 43.8 131.4
89 47.8 26.2 78.6

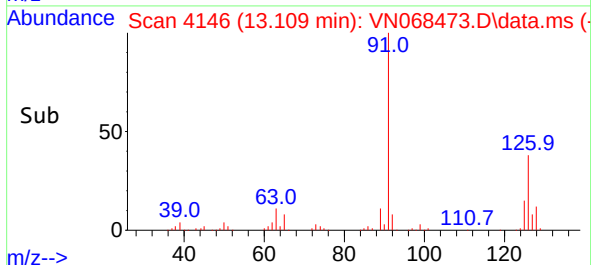
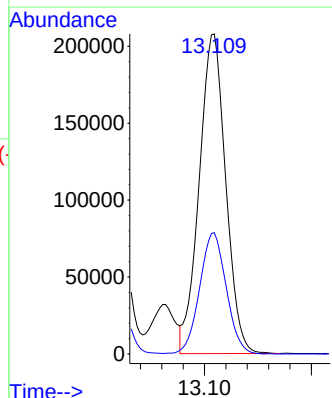
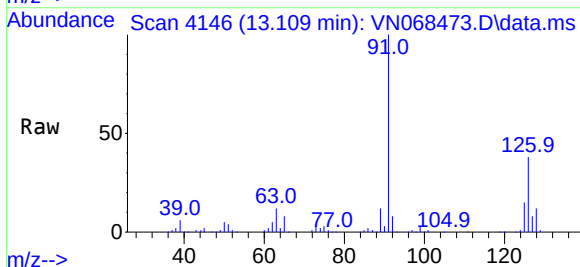
Manual Integrations
APPROVED

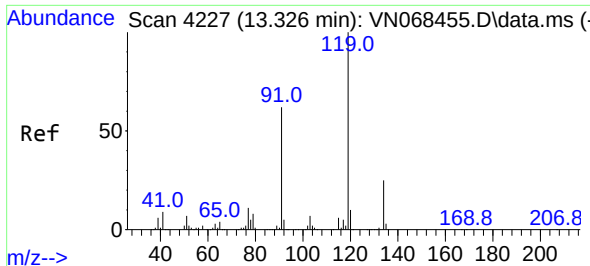
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#78
4-Chlorotoluene
Concen: 20.254 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

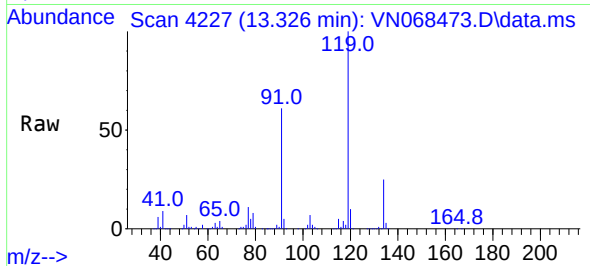
Tgt Ion: 91 Resp: 358056
Ion Ratio Lower Upper
91 100
126 38.1 0.0 77.8





#79
tert-butylbenzene
Concen: 20.117 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

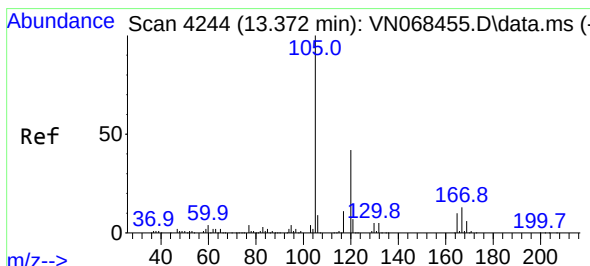
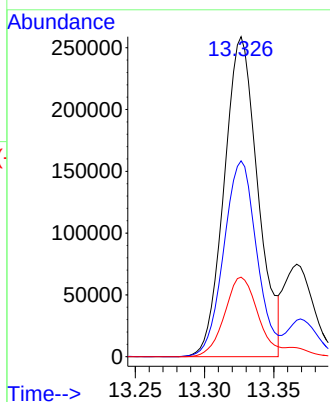
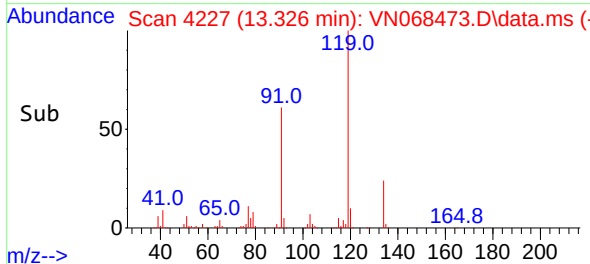
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 43796
Ion Ratio Lower Upper
119 100
91 60.0 0.0 120.0
134 24.9 0.0 54.0

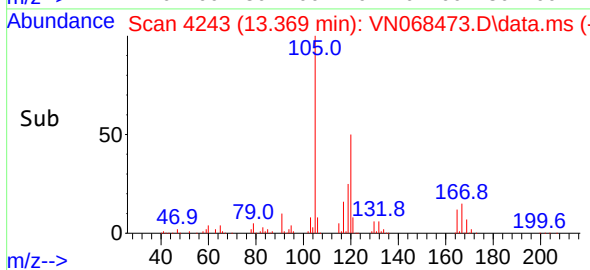
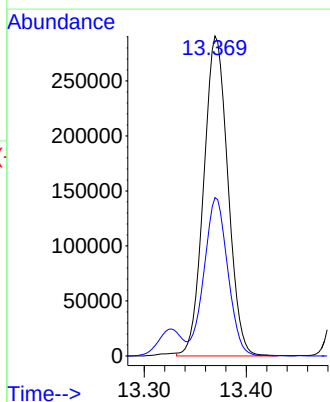
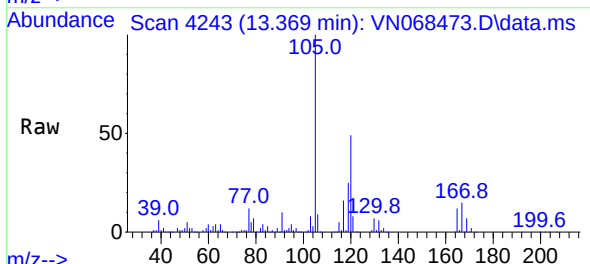
Manual Integrations
APPROVED

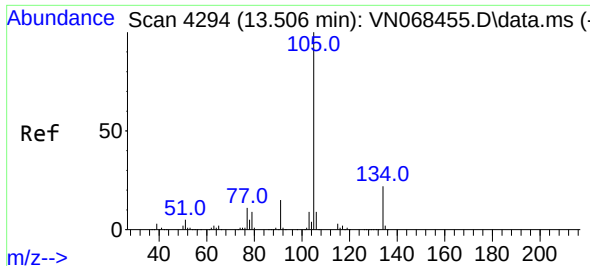
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#80
1,2,4-Trimethylbenzene
Concen: 20.883 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

Tgt Ion:105 Resp: 478766
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





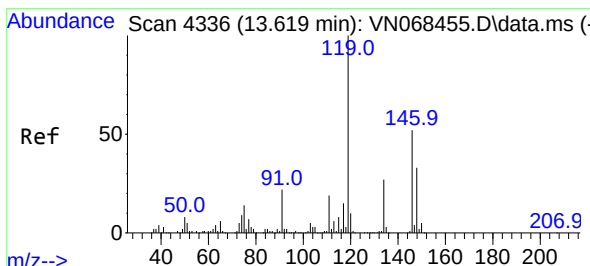
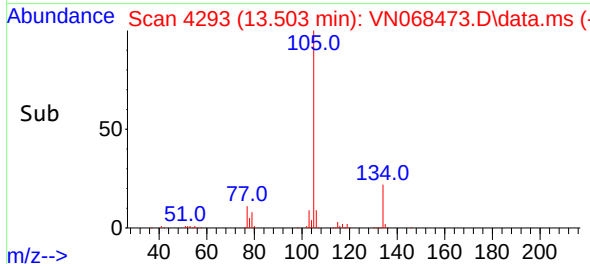
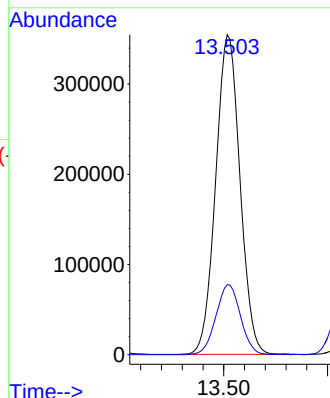
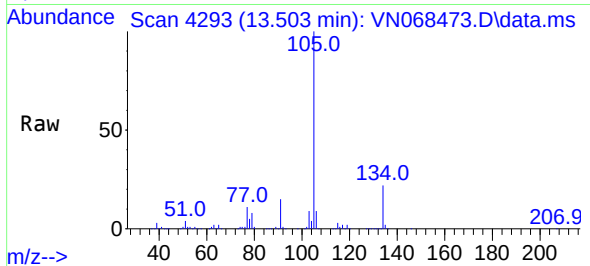
#81
 sec-Butylbenzene
 Concen: 19.987 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN068473.D
 Acq: 14 Sep 2021 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 57515
 Ion Ratio Lower Upper
 105 100
 134 22.2 0.0 43.8

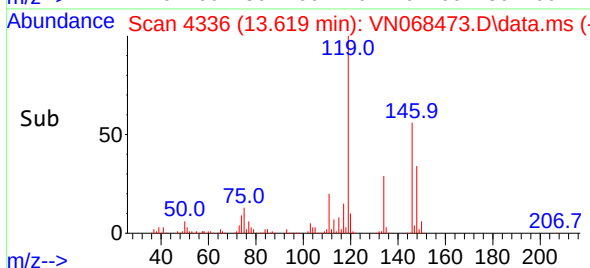
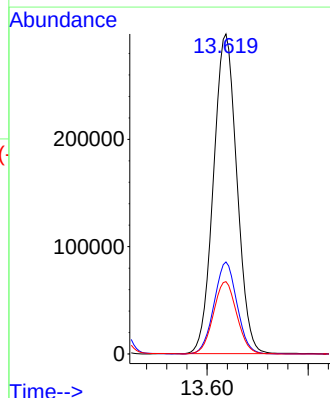
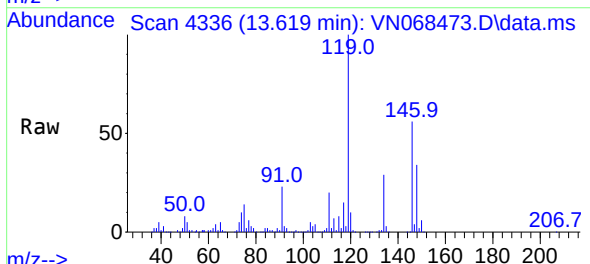
Manual Integrations
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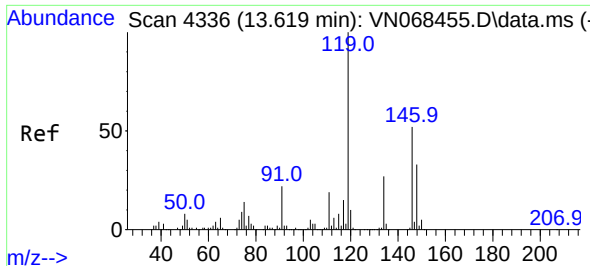
Reviewed By :John Carlone 09/15/2021
 Supervised By :Mahesh Dadoda 09/15/2021



#82
 p-Isopropyltoluene
 Concen: 19.406 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068473.D
 Acq: 14 Sep 2021 16:48

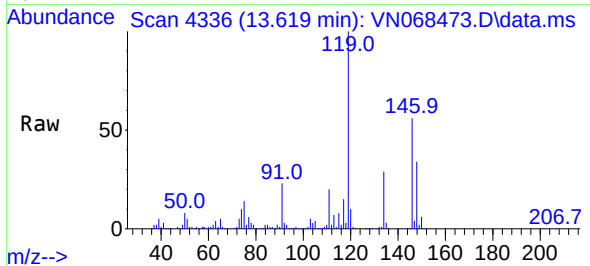
Tgt Ion:119 Resp: 478980
 Ion Ratio Lower Upper
 119 100
 134 28.2 0.0 55.4
 91 22.7 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 19.961 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

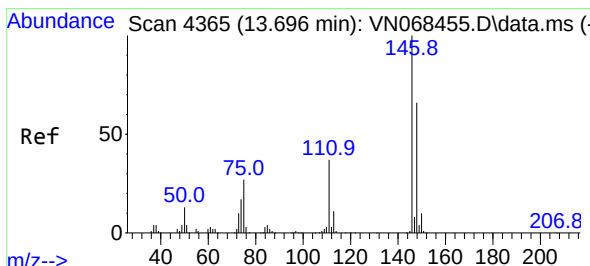
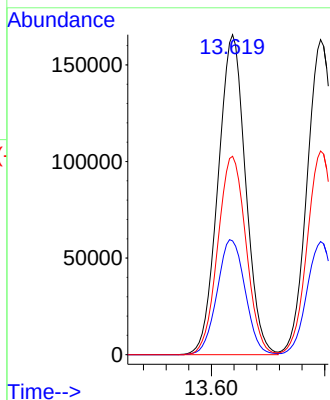
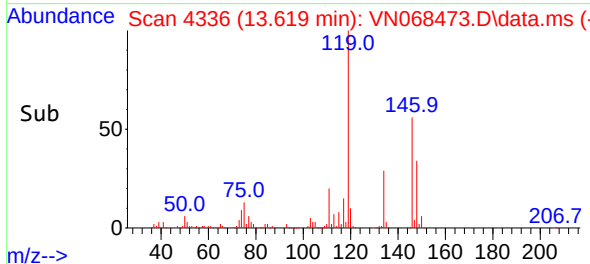
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



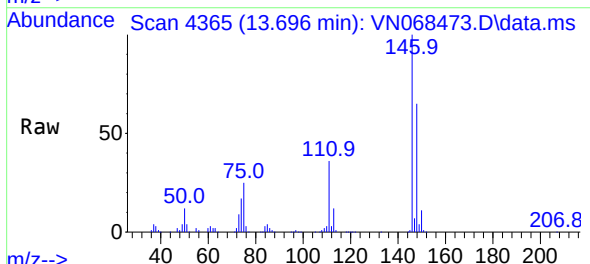
Tgt Ion:146 Resp: 279558
Ion Ratio Lower Upper
146 100
111 36.6 18.4 55.2
148 63.7 32.0 96.0

Manual Integrations
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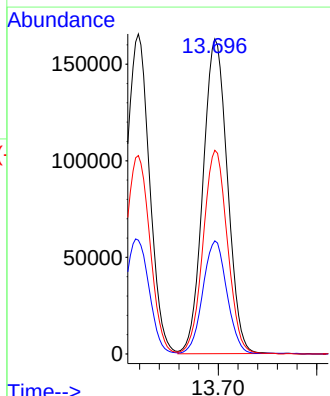
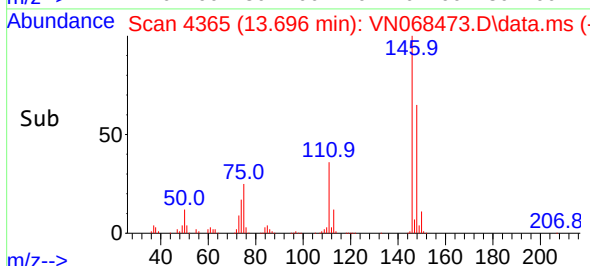
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

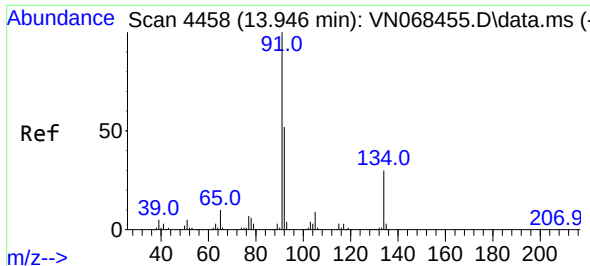


#84
1,4-Dichlorobenzene
Concen: 20.919 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



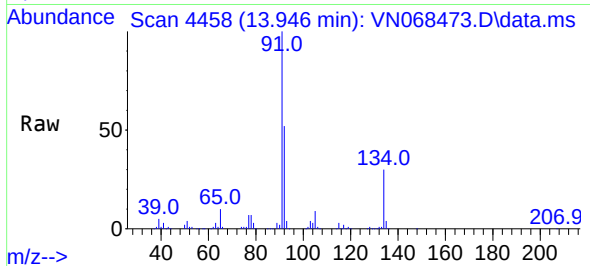
Tgt Ion:146 Resp: 280657
Ion Ratio Lower Upper
146 100
111 35.2 18.2 54.6
148 64.1 32.6 97.7





#85
n-Butylbenzene
Concen: 18.422 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

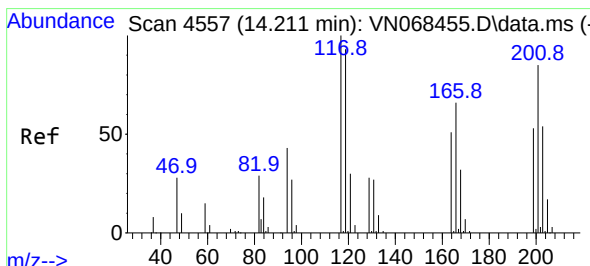
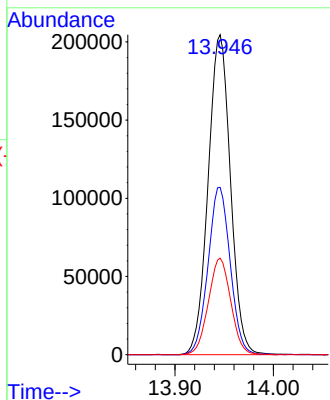
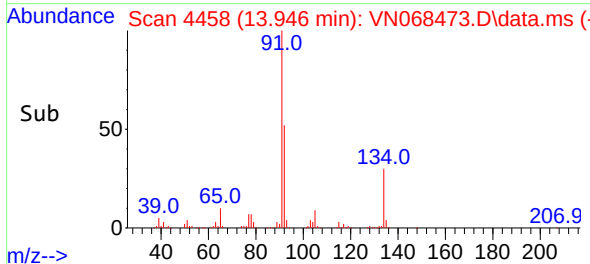
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



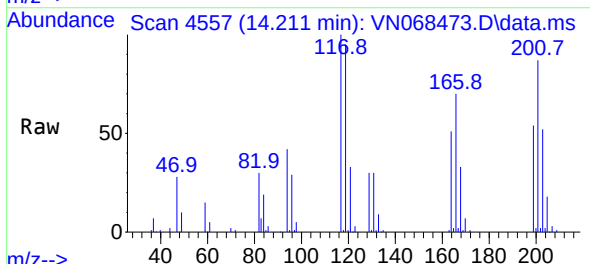
Tgt Ion: 91 Resp: 323419
Ion Ratio Lower Upper
91 100
92 51.9 0.0 102.4
134 30.2 0.0 58.8

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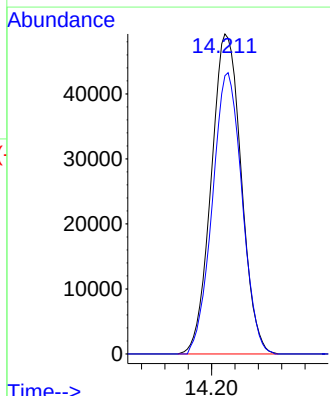
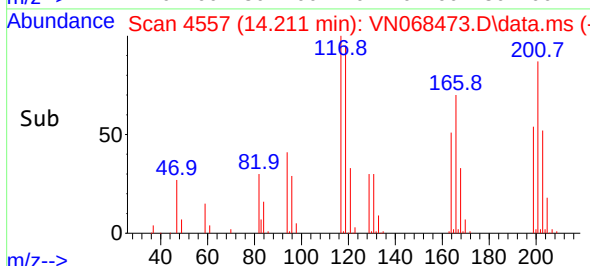
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

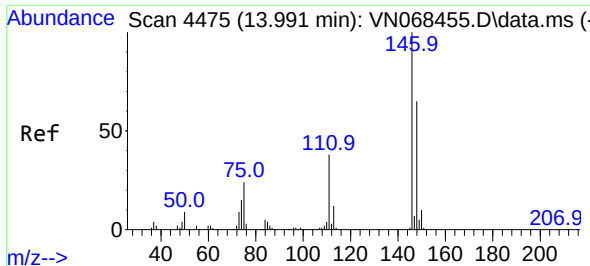


#86
Hexachloroethane
Concen: 19.364 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



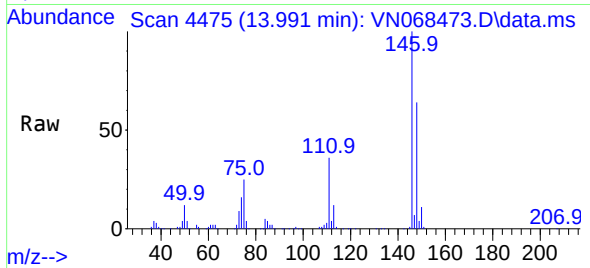
Tgt Ion:117 Resp: 87795
Ion Ratio Lower Upper
117 100
201 86.8 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 21.009 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

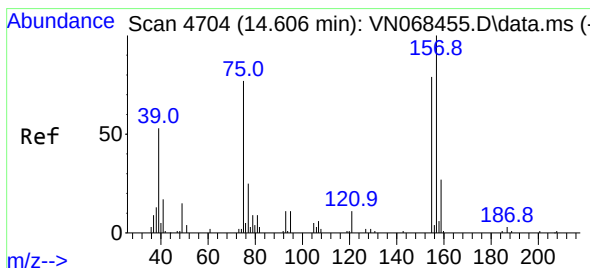
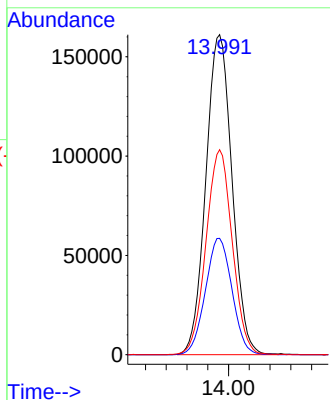
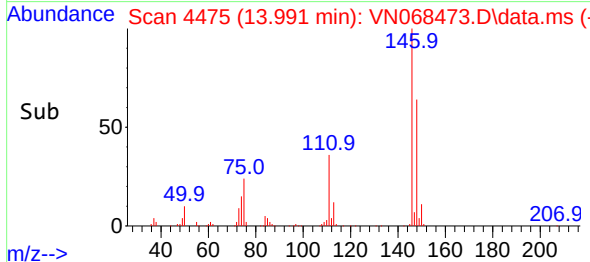
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



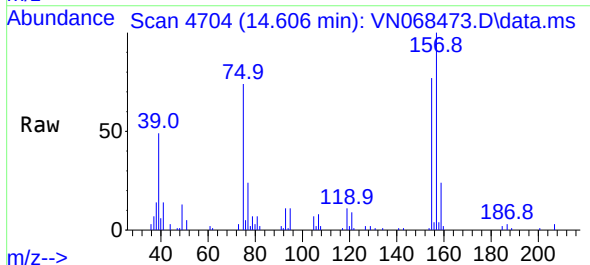
Tgt Ion:146 Resp: 28274
Ion Ratio Lower Upper
146 100
111 36.9 18.6 56.0
148 64.3 31.9 95.5

Manual Integrations
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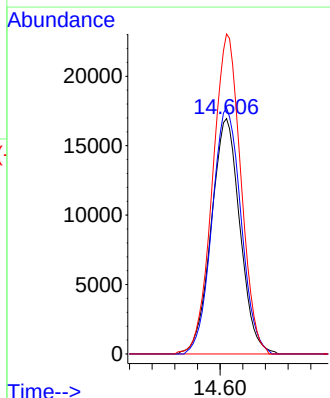
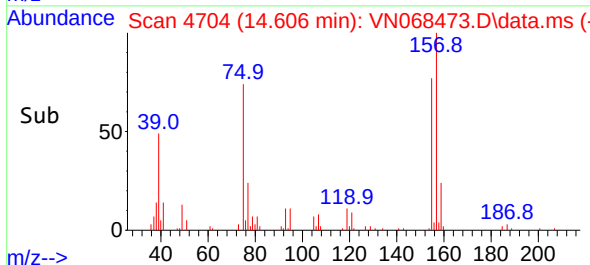
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

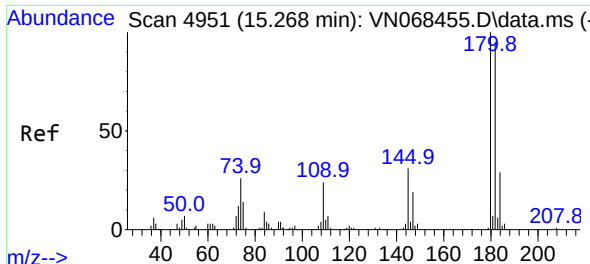


#88
1,2-Dibromo-3-Chloropropane
Concen: 22.831 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



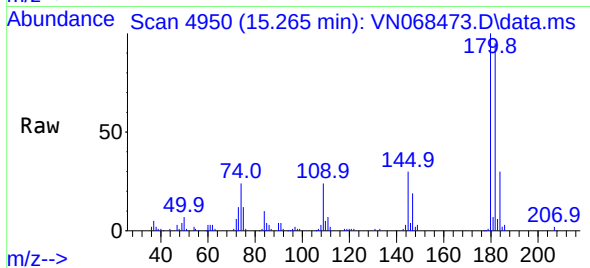
Tgt Ion: 75 Resp: 29827
Ion Ratio Lower Upper
75 100
155 105.2 83.3 124.9
157 133.7 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 16.010 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

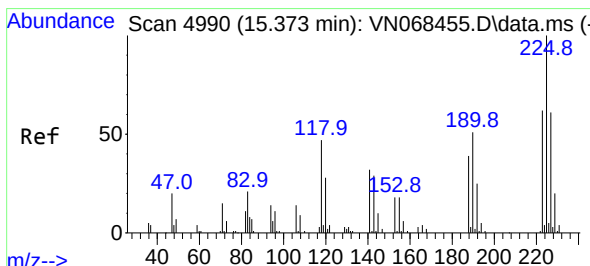
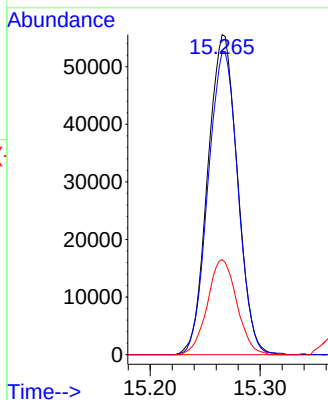
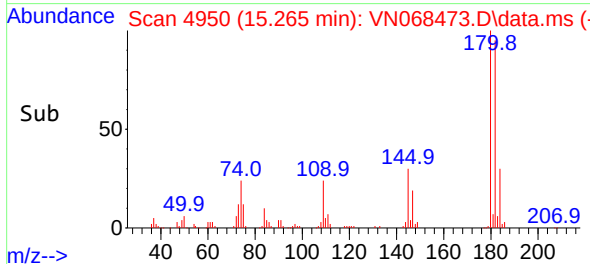
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



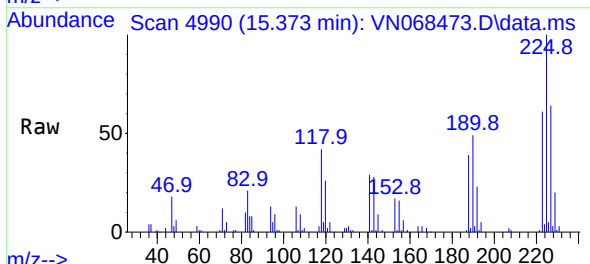
Tgt Ion:180 Resp: 10410
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.4
145 29.4 24.6 36.8

Manual Integrations
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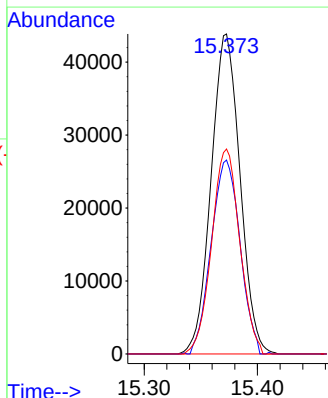
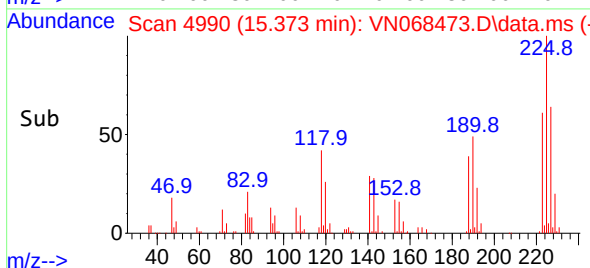
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

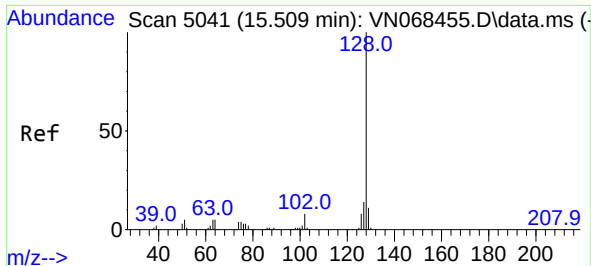


#90
Hexachlorobutadiene
Concen: 18.901 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



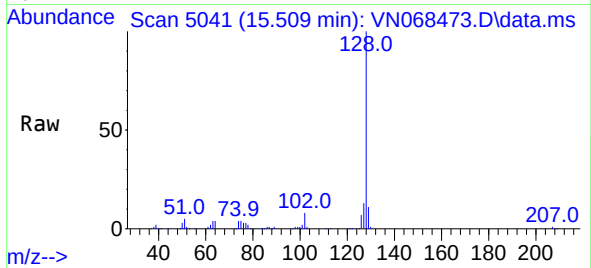
Tgt Ion:225 Resp: 77732
Ion Ratio Lower Upper
225 100
223 60.5 0.0 128.4
227 62.3 0.0 127.8





#91
Naphthalene
Concen: 21.222 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48

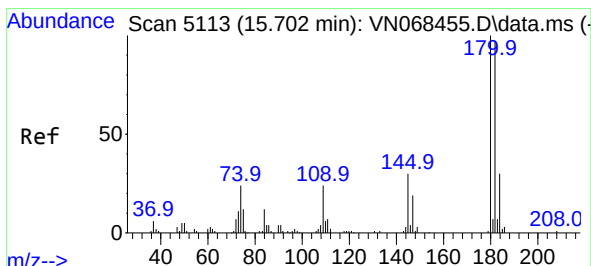
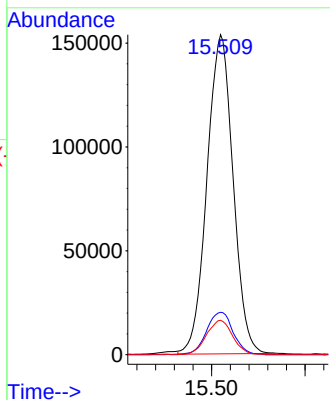
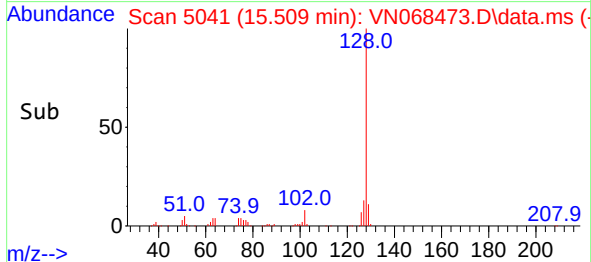
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



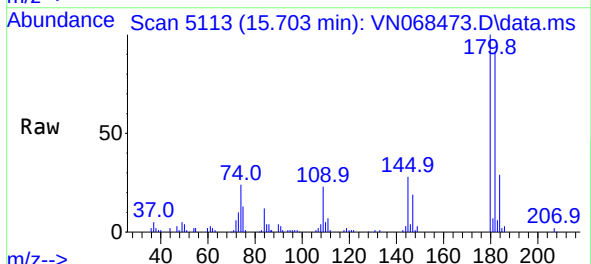
Tgt Ion:128 Resp: 297691
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.9 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#92
1,2,3-Trichlorobenzene
Concen: 15.760 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068473.D
Acq: 14 Sep 2021 16:48



Tgt Ion:180 Resp: 96509
Ion Ratio Lower Upper
180 100
182 92.7 0.0 191.2
145 29.7 0.0 61.8

