

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073524.D
 Acq On : 20 Jul 2022 15:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 21 08:23:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	190497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	305639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	295057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	154836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	129636	47.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.280%		
35) Dibromofluoromethane	7.951	113	106410	52.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.660%		
50) Toluene-d8	10.380	98	358643	49.659	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.320%		
62) 4-Bromofluorobenzene	12.669	95	145936	52.581	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	160392	57.590	ug/l	98
3) Chloromethane	2.263	50	160819	59.477	ug/l	98
4) Vinyl Chloride	2.404	62	122280	53.225	ug/l	97
5) Bromomethane	2.775	94	45939	42.335	ug/l	98
6) Chloroethane	2.934	64	77601	57.420	ug/l	97
7) Trichlorofluoromethane	3.299	101	182398	45.922	ug/l	97
8) Diethyl Ether	3.757	74	82396	50.961	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.128	101	114780	48.907	ug/l	95
10) Methyl Iodide	4.340	142	123238	44.157	ug/l	96
11) Tert butyl alcohol	5.293	59	163229	245.022	ug/l	99
12) 1,1-Dichloroethene	4.098	96	109780	48.954	ug/l	94
13) Acrolein	3.975	56	59262	140.741	ug/l	98
14) Allyl chloride	4.751	41	246089	52.091	ug/l #	90
15) Acrylonitrile	5.469	53	498031	290.409	ug/l	99
16) Acetone	4.222	43	449409	291.136	ug/l	96
17) Carbon Disulfide	4.446	76	312315	53.710	ug/l	99
18) Methyl Acetate	4.775	43	250521	57.912	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	404139	49.447	ug/l	97
20) Methylene Chloride	5.010	84	134634	49.629	ug/l #	83
21) trans-1,2-Dichloroethene	5.504	96	119945	51.189	ug/l	97
22) Diisopropyl ether	6.404	45	489345	55.510	ug/l #	92
23) Vinyl Acetate	6.345	43	2174983	275.570	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	241305	52.895	ug/l	98
25) 2-Butanone	7.257	43	731459	297.626	ug/l #	86
26) 2,2-Dichloropropane	7.245	77	149079	35.334	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	140253	49.427	ug/l	97
28) Bromochloromethane	7.581	49	108320	56.695	ug/l #	78
29) Tetrahydrofuran	7.610	42	497336	295.541	ug/l #	84
30) Chloroform	7.745	83	233306	50.777	ug/l	98
31) Cyclohexane	8.016	56	224036	49.743	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	201506	49.212	ug/l	98
36) 1,1-Dichloropropene	8.145	75	171366	54.769	ug/l	98
37) Ethyl Acetate	7.334	43	272248	57.586	ug/l #	95
38) Carbon Tetrachloride	8.128	117	169284	52.318	ug/l	98
39) Methylcyclohexane	9.392	83	209125	53.685	ug/l	91
40) Benzene	8.386	78	541748	56.103	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	132045	57.590	ug/l #	88
42) 1,2-Dichloroethane	8.457	62	191885	54.819	ug/l	98
43) Isopropyl Acetate	8.492	43	393299	57.885	ug/l #	92
44) Trichloroethene	9.145	130	127795	52.006	ug/l	89
45) 1,2-Dichloropropane	9.422	63	142529	57.911	ug/l	98
46) Dibromomethane	9.510	93	91578	54.800	ug/l	93
47) Bromodichloromethane	9.698	83	182970	56.531	ug/l	98
48) Methyl methacrylate	9.492	41	193801	61.604	ug/l #	87
49) 1,4-Dioxane	9.504	88	74208	1242.565	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1398950	324.676	ug/l	89
52) Toluene	10.445	92	335183	56.168	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	188955	53.032	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	212378	55.211	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	132349	53.872	ug/l	97
56) Ethyl methacrylate	10.698	69	226966	57.158	ug/l #	84
57) 1,3-Dichloropropane	10.986	76	231864	55.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	514781	290.683	ug/l	91
59) 2-Hexanone	11.027	43	1062318	323.440	ug/l	88
60) Dibromochloromethane	11.180	129	137038	58.505	ug/l	100
61) 1,2-Dibromoethane	11.286	107	137791	56.152	ug/l	100
64) Tetrachloroethene	10.910	164	126766	52.614	ug/l	97
65) Chlorobenzene	11.710	112	339059	50.810	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	122724	50.000	ug/l	99
67) Ethyl Benzene	11.786	91	634991	52.414	ug/l	99
68) m/p-Xylenes	11.892	106	485413	106.168	ug/l	96
69) o-Xylene	12.221	106	239885	51.395	ug/l	98
70) Styrene	12.233	104	398317	55.274	ug/l	99
71) Bromoform	12.398	173	102319	56.970	ug/l #	100
73) Isopropylbenzene	12.521	105	618307	46.243	ug/l	99
74) N-amyl acetate	12.327	43	313965	46.895	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	213222	48.056	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	192449m	47.534	ug/l	
77) Bromobenzene	12.798	156	143904	46.291	ug/l	89
78) n-propylbenzene	12.863	91	742970	50.019	ug/l	97
79) 2-Chlorotoluene	12.945	91	439826	46.785	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	523110	48.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	66337	44.935	ug/l	90
82) 4-Chlorotoluene	13.045	91	423937	46.579	ug/l	99
83) tert-Butylbenzene	13.263	119	447542	45.806	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	520203	47.809	ug/l	97
85) sec-Butylbenzene	13.439	105	654072	49.854	ug/l	97
86) p-Isopropyltoluene	13.557	119	528633	49.879	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	264966	47.511	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	261430	46.786	ug/l	99
89) n-Butylbenzene	13.880	91	448384	50.771	ug/l	97
90) Hexachloroethane	14.151	117	95975	48.592	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	267322	47.055	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	51358	47.624	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	141091	47.697	ug/l	100
94) Hexachlorobutadiene	15.298	225	71737	54.554	ug/l	96
95) Naphthalene	15.433	128	505413	42.353	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	145196	47.583	ug/l	99

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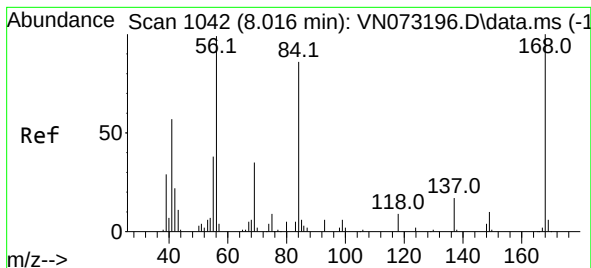
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 07/21/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

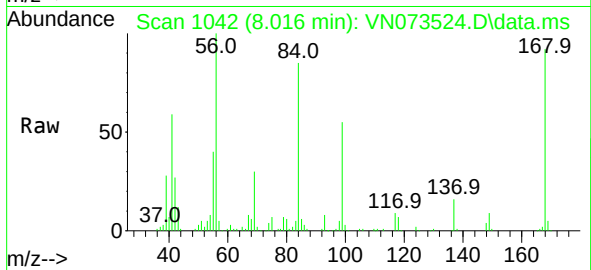
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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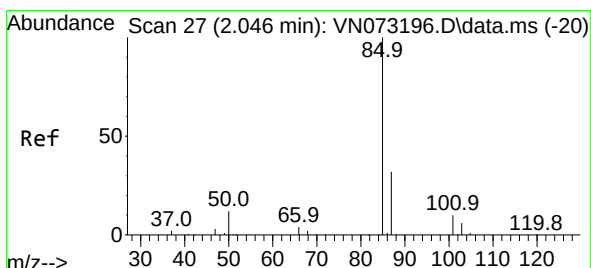
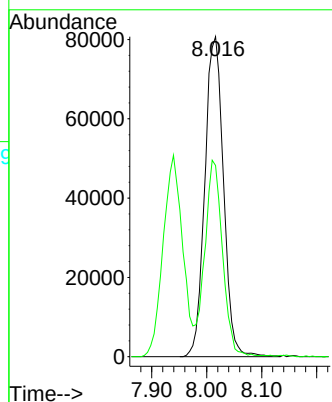
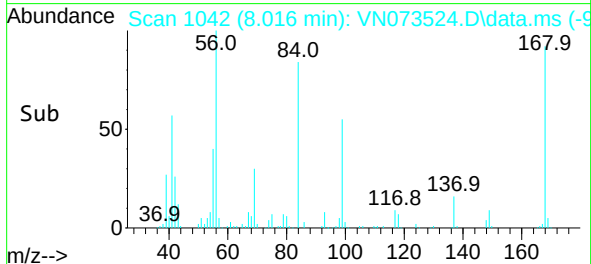
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 19049
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5

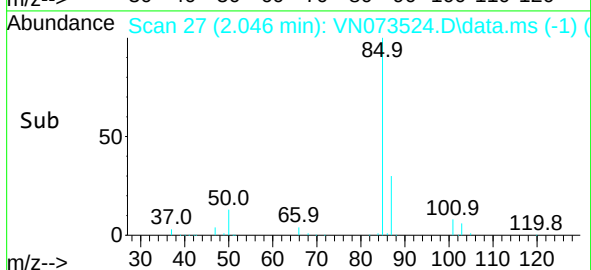
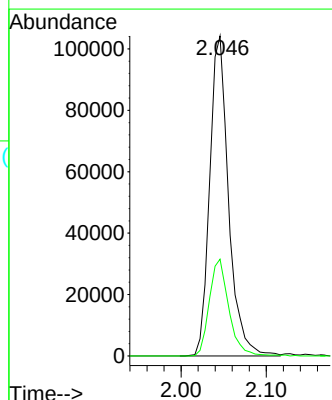
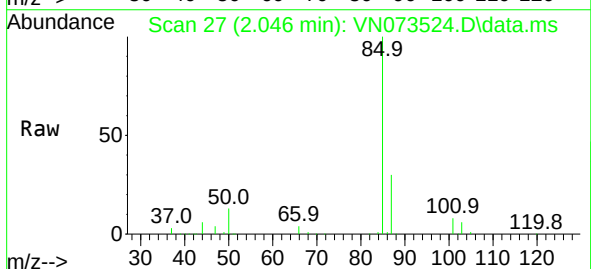
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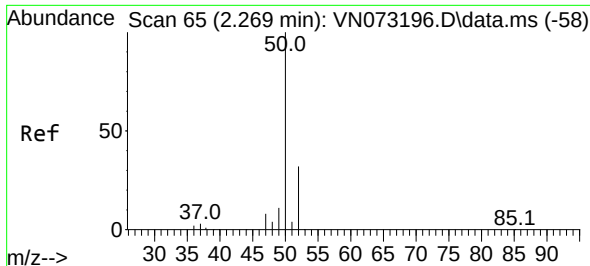
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#2
Dichlorodifluoromethane
Concen: 57.590 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

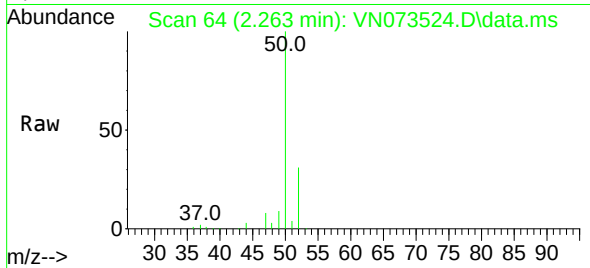
Tgt Ion: 85 Resp: 160392
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.1





#3
Chloromethane
Concen: 59.477 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

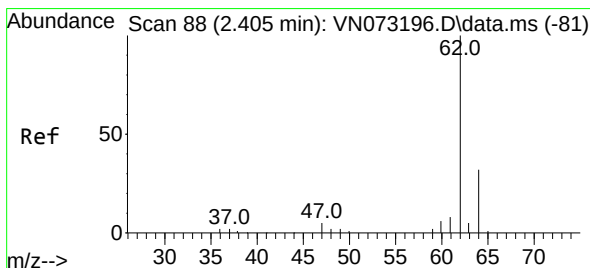
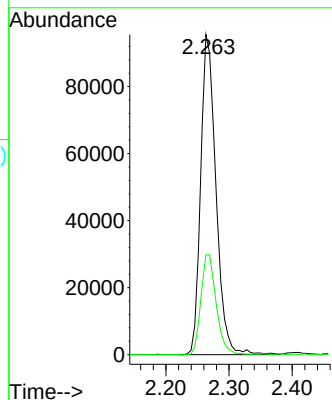
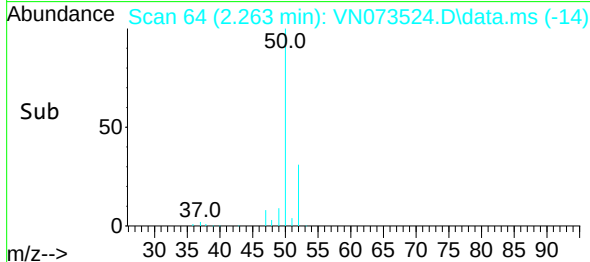
Instrument :
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Tgt Ion: 50 Resp: 160819
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5

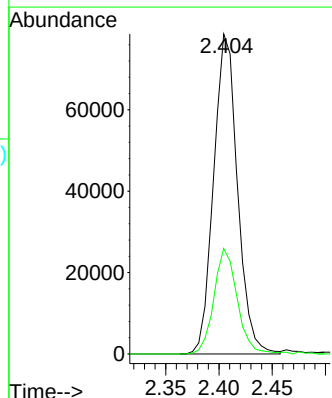
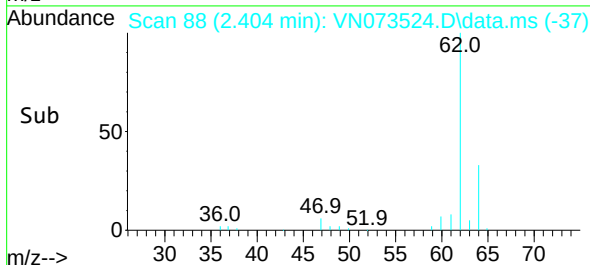
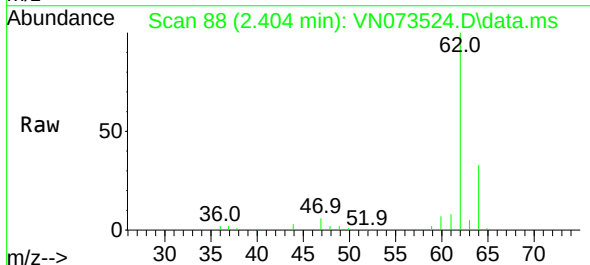
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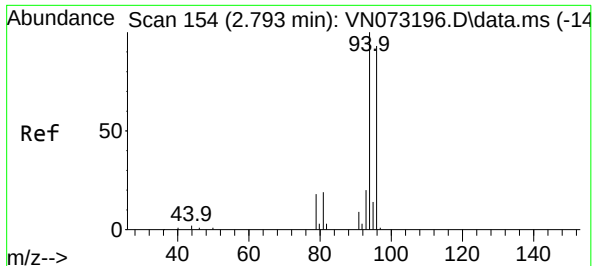
Reviewed By :John Carlone 07/21/2022
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#4
Vinyl Chloride
Concen: 53.225 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

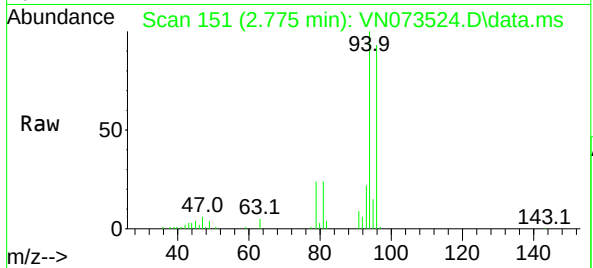
Tgt Ion: 62 Resp: 122280
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.4





#5
Bromomethane
Concen: 42.335 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

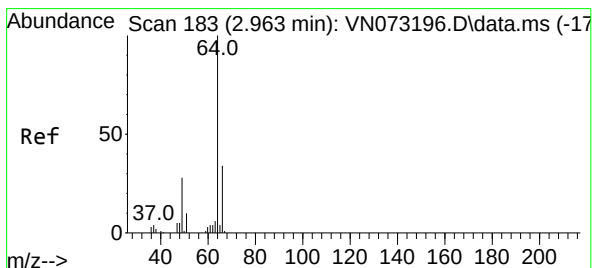
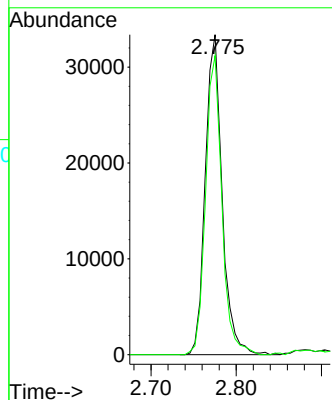
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 45939
Ion Ratio Lower Upper
94 100
96 93.4 76.0 114.0

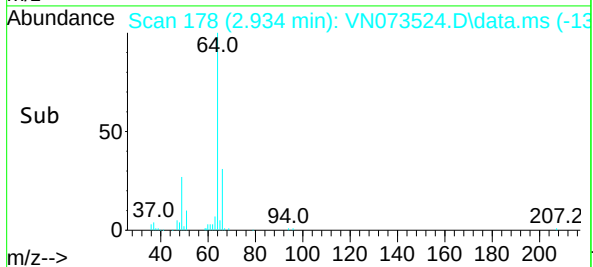
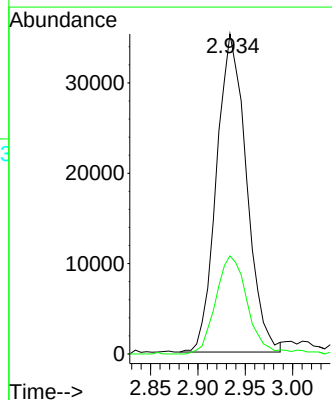
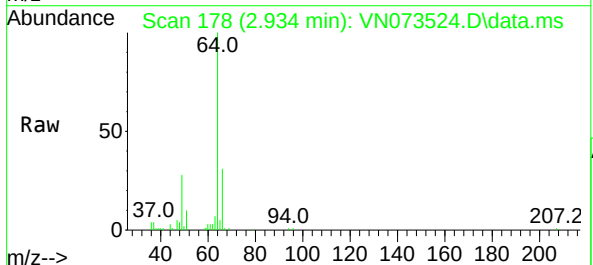
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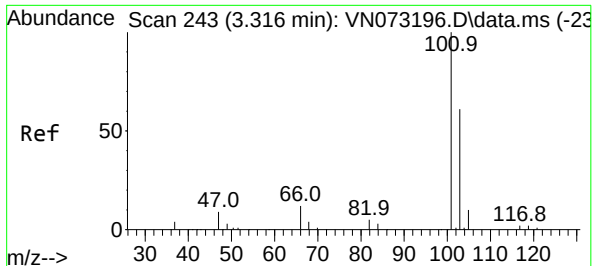
Reviewed By :John Carlone 07/21/2022
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#6
Chloroethane
Concen: 57.420 ug/l
RT: 2.934 min Scan# 178
Delta R.T. -0.029 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Tgt Ion: 64 Resp: 77601
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





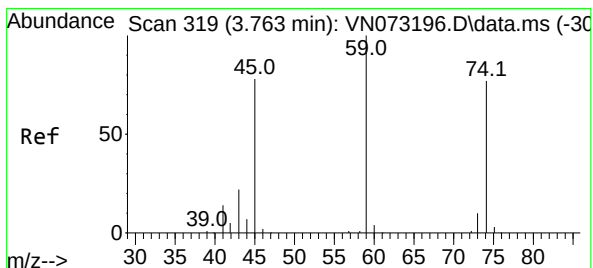
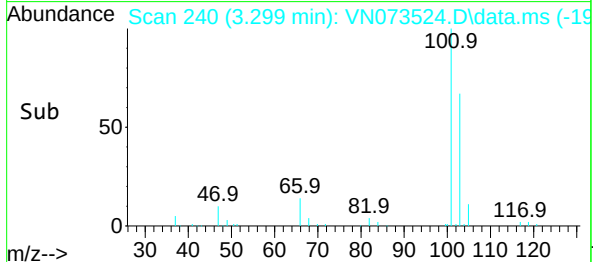
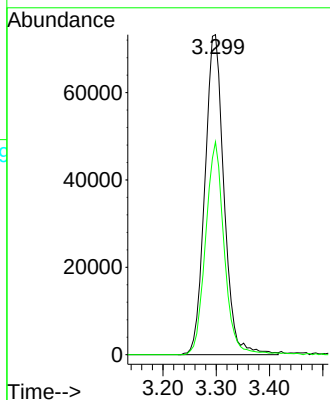
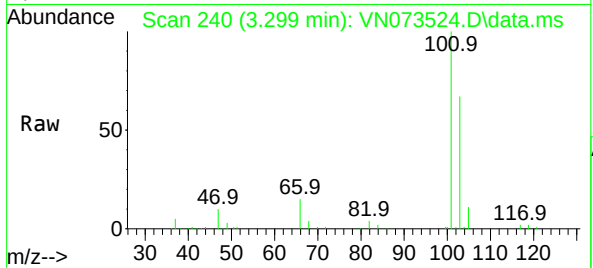
#7
Trichlorofluoromethane
Concen: 45.922 ug/l
RT: 3.299 min Scan# 243
Delta R.T. -0.017 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 182398
Ion Ratio Lower Upper
101 100
103 66.5 51.5 77.3

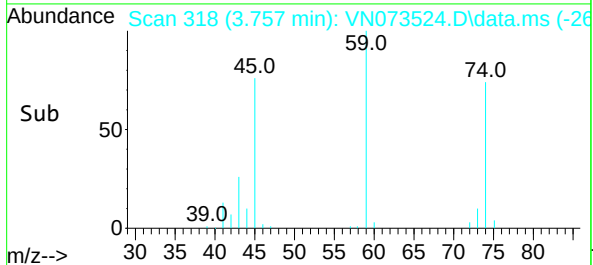
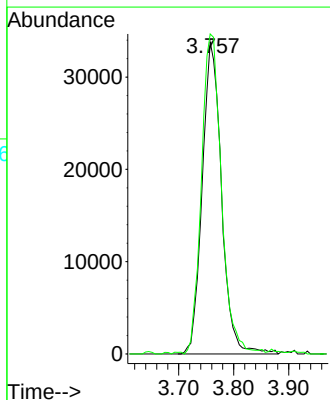
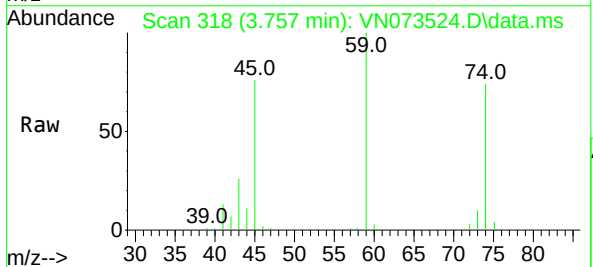
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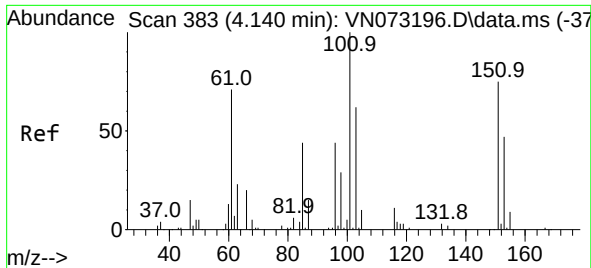
Reviewed By :John Carlone 07/21/2022
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#8
Diethyl Ether
Concen: 50.961 ug/l
RT: 3.757 min Scan# 318
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Tgt Ion: 74 Resp: 82396
Ion Ratio Lower Upper
74 100
45 106.4 42.9 128.5





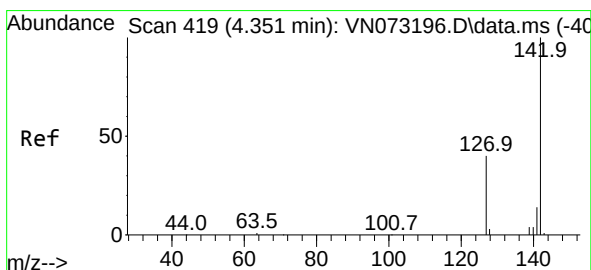
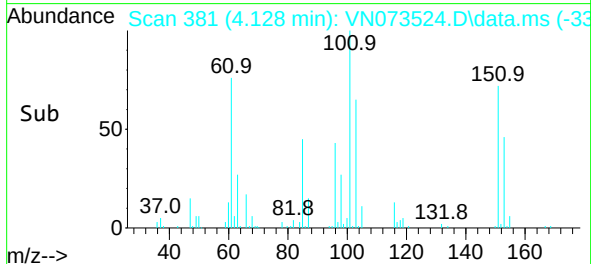
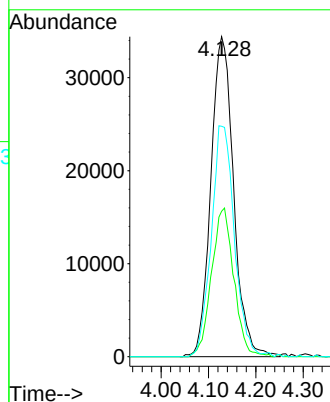
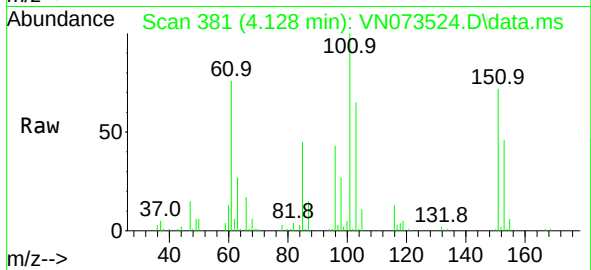
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.907 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.012 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Instrument :
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Tgt Ion:101 Resp: 114780
Ion Ratio Lower Upper
101 100
85 45.6 34.7 52.1
151 73.0 63.0 94.4

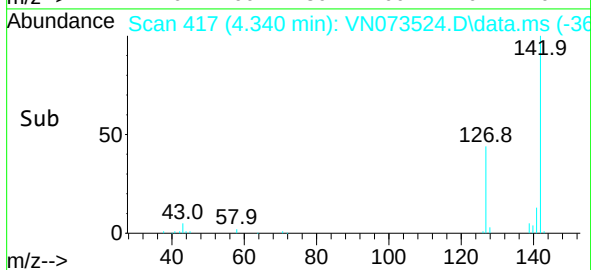
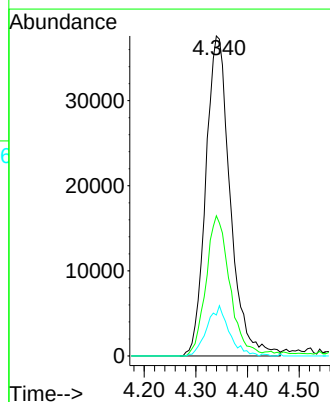
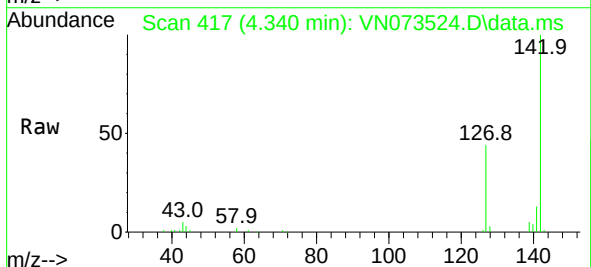
Manual Integrations
APPROVED

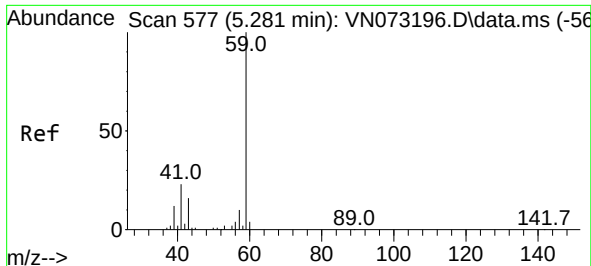
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#10
Methyl Iodide
Concen: 44.157 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.011 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

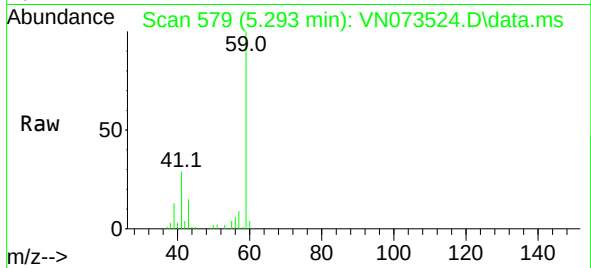
Tgt Ion:142 Resp: 123238
Ion Ratio Lower Upper
142 100
127 42.7 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 245.022 ug/l
RT: 5.293 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

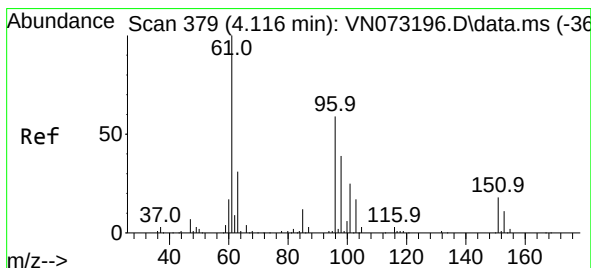
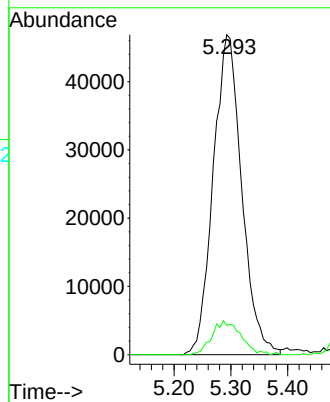
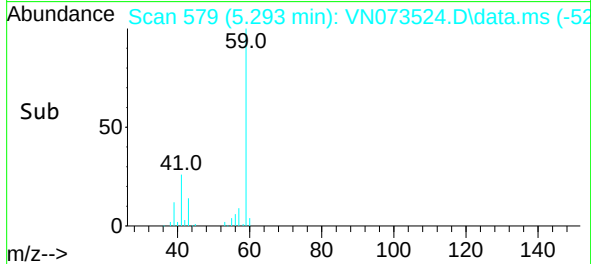
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



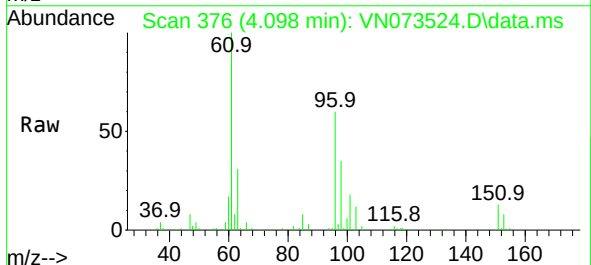
Tgt Ion: 59 Resp: 163229
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

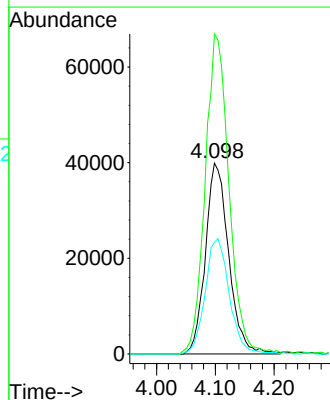
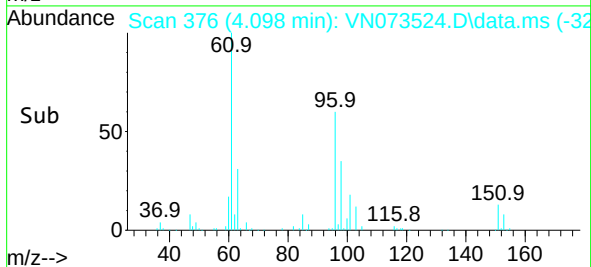
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

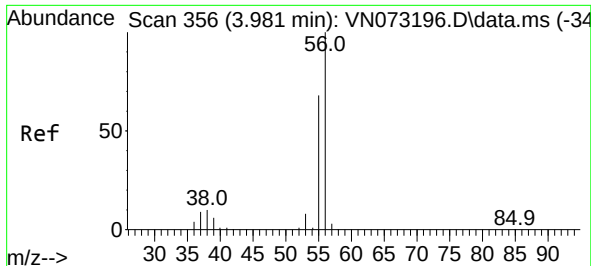


#12
1,1-Dichloroethene
Concen: 48.954 ug/l
RT: 4.098 min Scan# 376
Delta R.T. -0.018 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



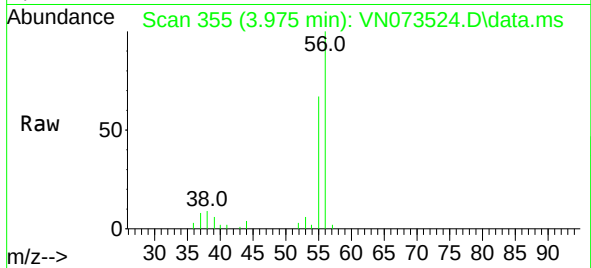
Tgt Ion: 96 Resp: 109780
Ion Ratio Lower Upper
96 100
61 167.6 127.6 191.4
98 58.4 51.2 76.8





#13
Acrolein
Concen: 140.741 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

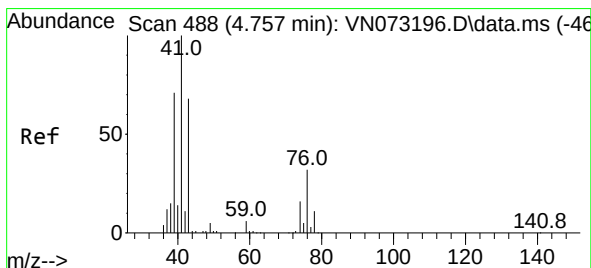
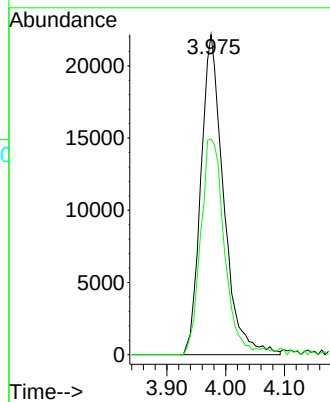
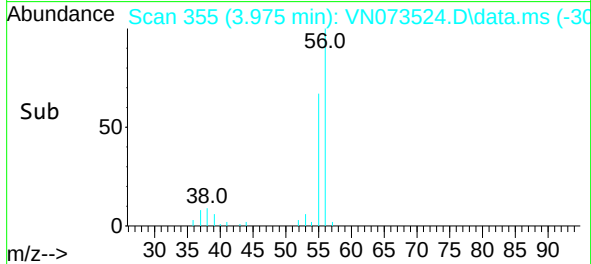
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5926
Ion Ratio Lower Upper
56 100
55 70.0 54.8 82.2

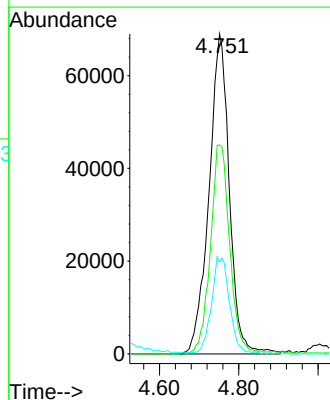
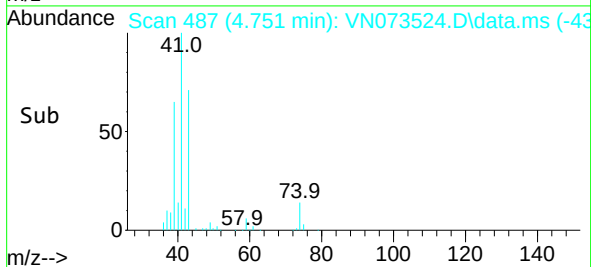
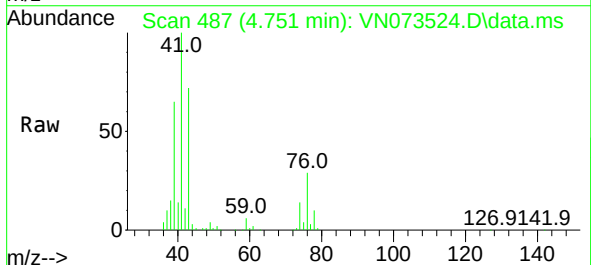
Manual Integrations
APPROVED

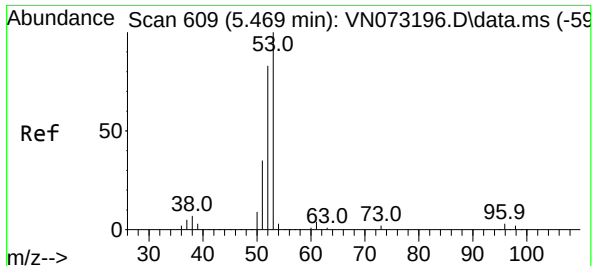
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#14
Allyl chloride
Concen: 52.091 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

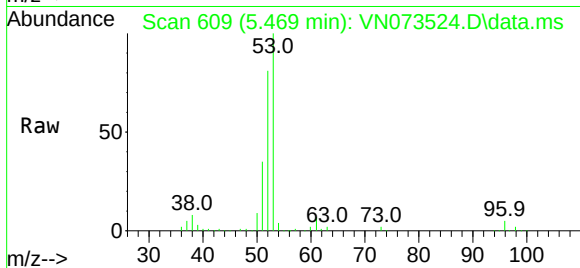
Tgt Ion: 41 Resp: 246089
Ion Ratio Lower Upper
41 100
39 61.8 53.2 79.8
76 27.0 29.9 44.9#





#15
Acrylonitrile
Concen: 290.409 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

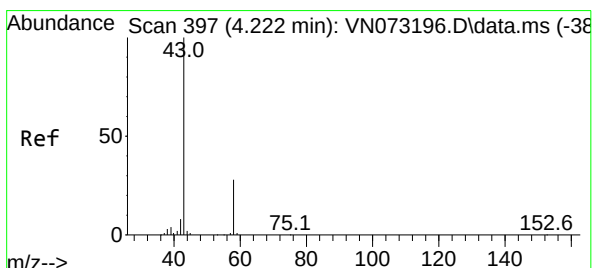
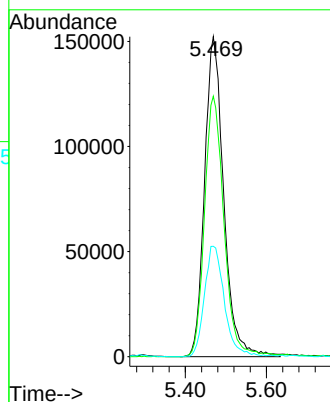
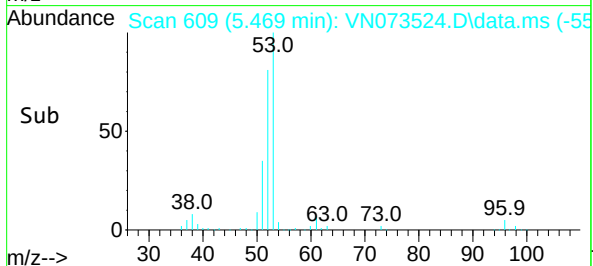
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



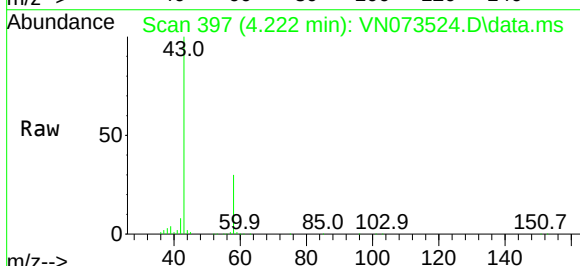
Tgt Ion: 53 Resp: 49803
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.0 28.5 42.7

Manual Integrations
APPROVED

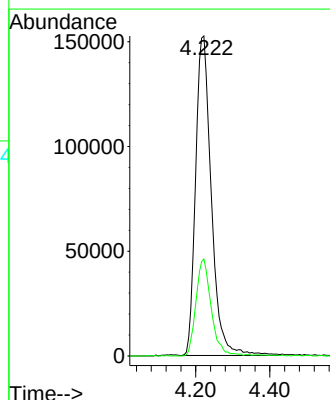
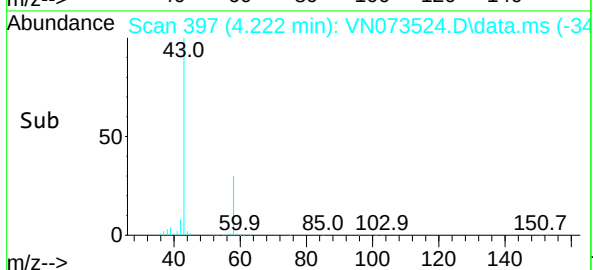
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

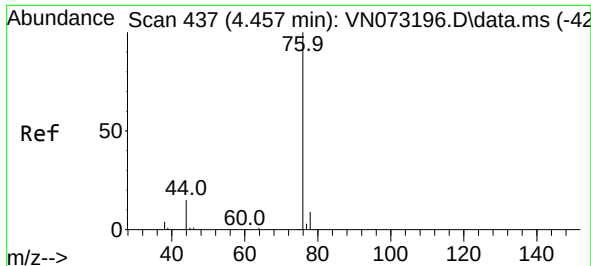


#16
Acetone
Concen: 291.136 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



Tgt Ion: 43 Resp: 449409
Ion Ratio Lower Upper
43 100
58 30.4 26.0 39.0





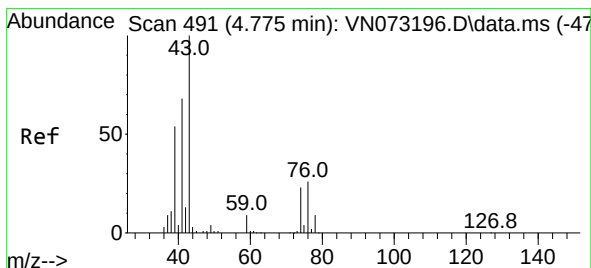
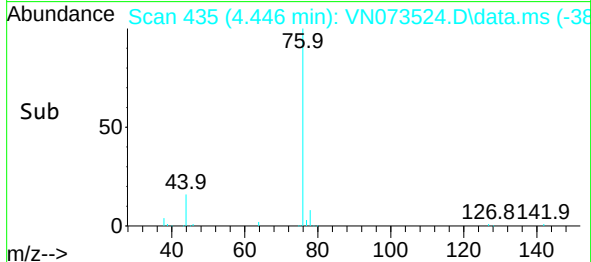
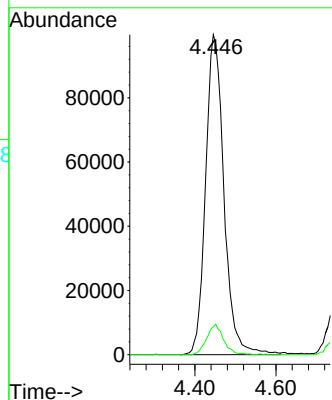
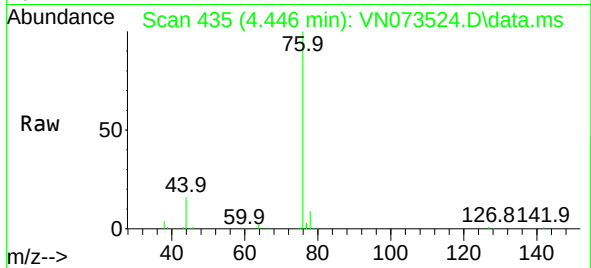
#17
Carbon Disulfide
Concen: 53.710 ug/l
RT: 4.446 min Scan# 411
Delta R.T. -0.011 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 31231
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

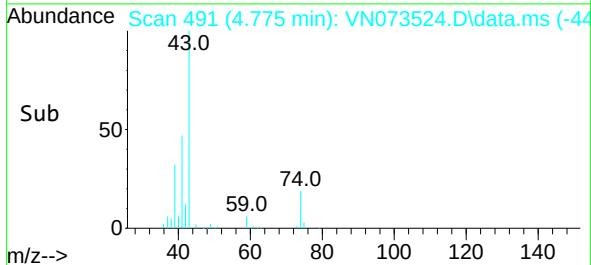
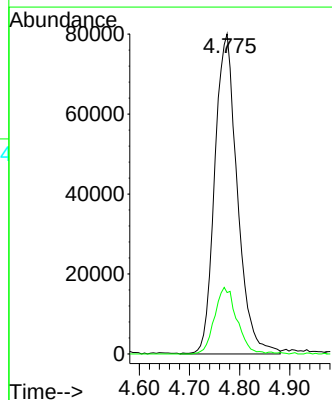
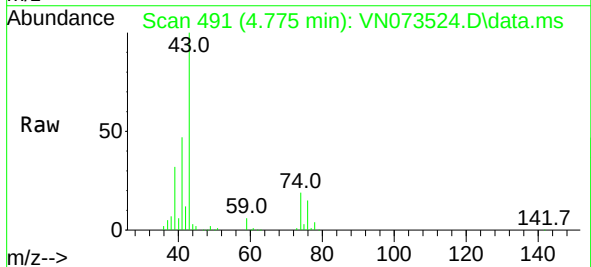
Manual Integrations
APPROVED

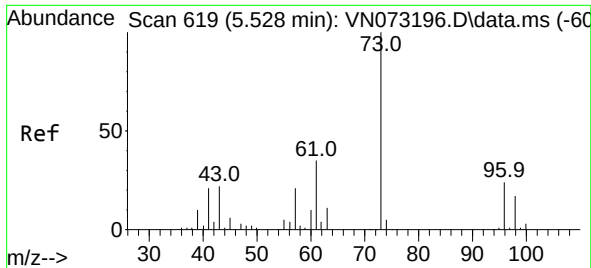
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#18
Methyl Acetate
Concen: 57.912 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

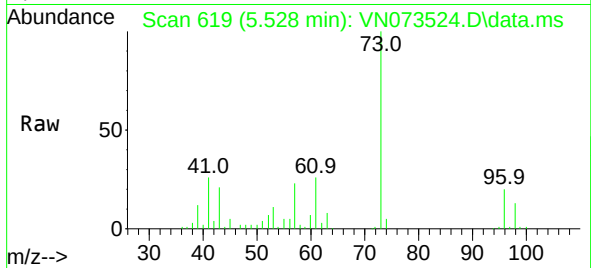
Tgt Ion: 43 Resp: 250521
Ion Ratio Lower Upper
43 100
74 20.5 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 49.447 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

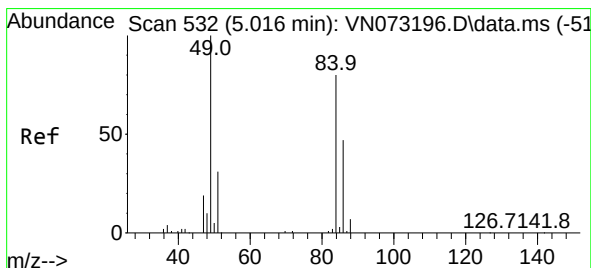
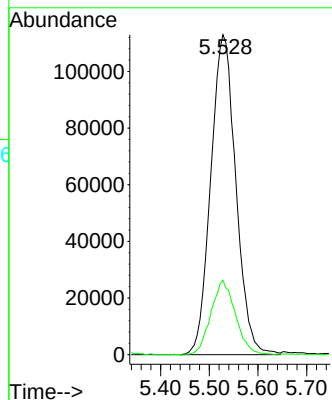
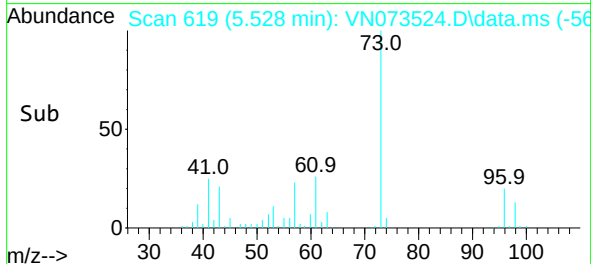
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



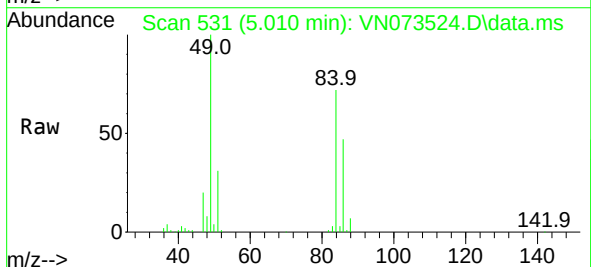
Tgt Ion: 73 Resp: 404139
Ion Ratio Lower Upper
73 100
57 23.3 17.6 26.4

Manual Integrations
APPROVED

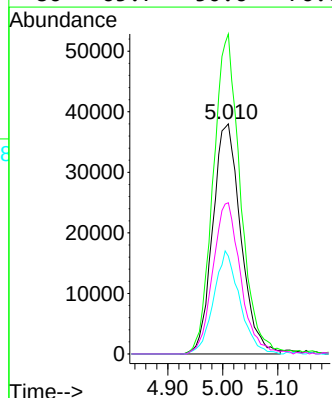
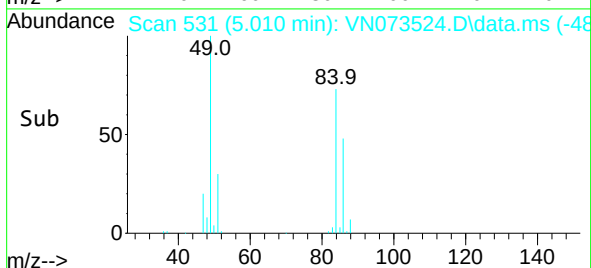
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

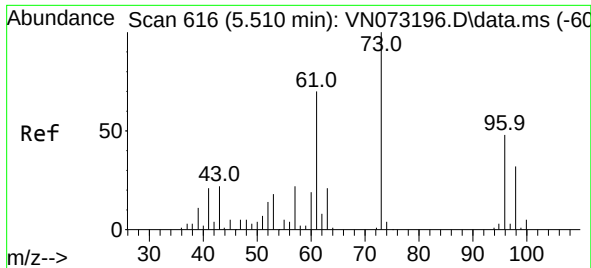


#20
Methylene Chloride
Concen: 49.629 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



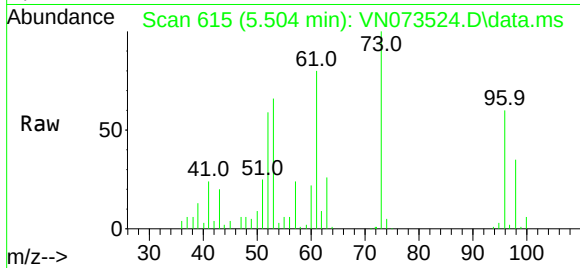
Tgt Ion: 84 Resp: 134634
Ion Ratio Lower Upper
84 100
49 139.0 88.3 132.5#
51 42.5 28.2 42.2#
86 65.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 51.189 ug/l
RT: 5.504 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

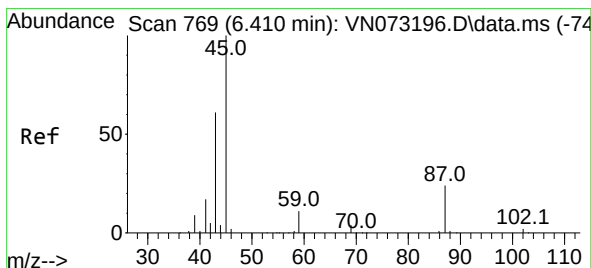
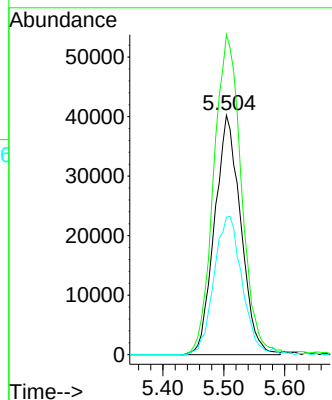
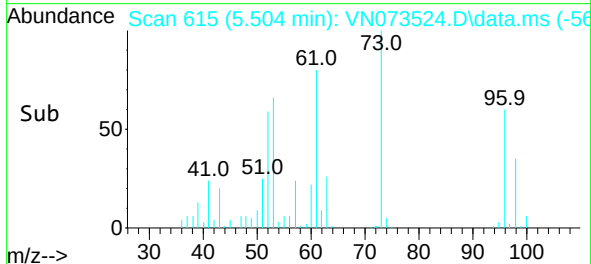
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 119945
Ion Ratio Lower Upper
96 100
61 133.7 105.8 158.8
98 57.5 50.3 75.5

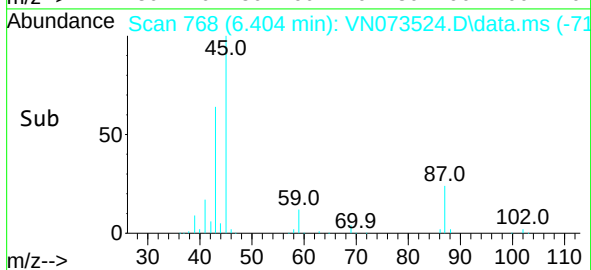
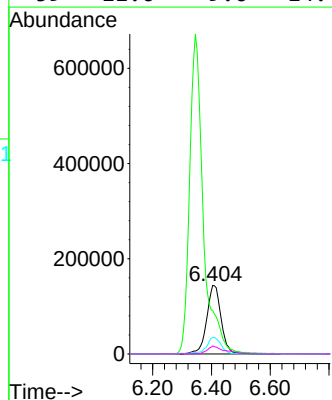
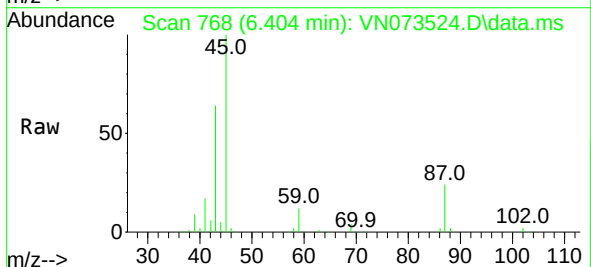
Manual Integrations
APPROVED

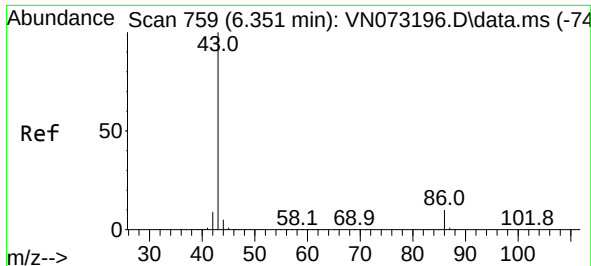
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#22
Diisopropyl ether
Concen: 55.510 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

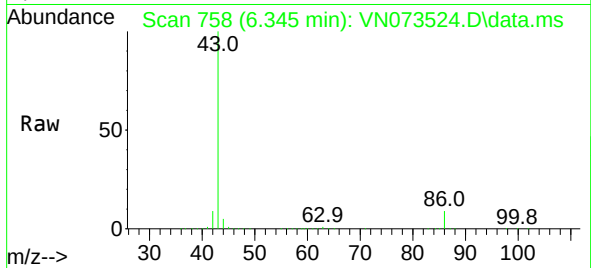
Tgt Ion: 45 Resp: 489345
Ion Ratio Lower Upper
45 100
43 63.3 46.6 70.0
87 23.7 24.3 36.5#
59 11.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 275.570 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN073524.D
 Acq: 20 Jul 2022 15:34

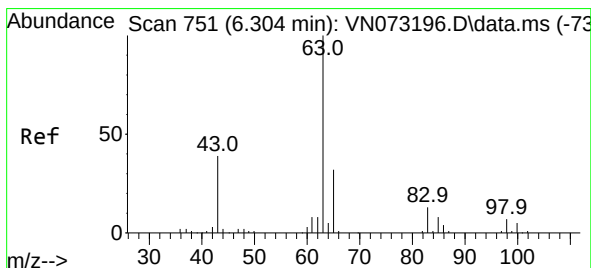
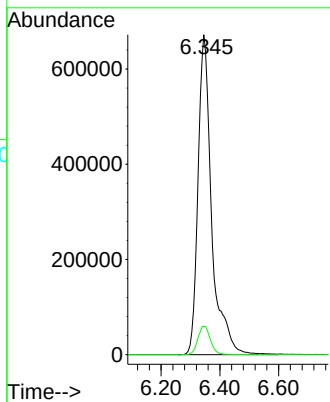
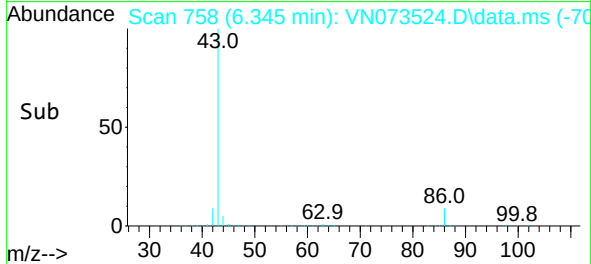
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



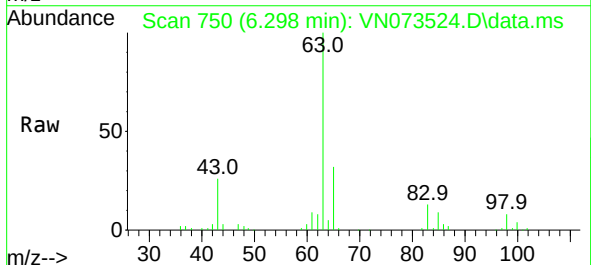
Tgt Ion: 43 Resp: 217498
 Ion Ratio Lower Upper
 43 100
 86 8.8 10.0 15.0

Manual Integrations
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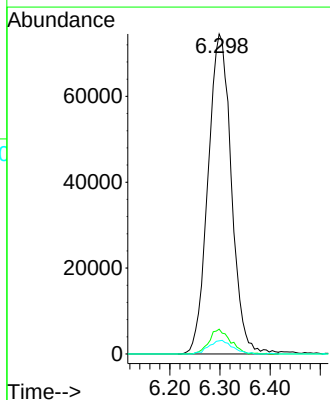
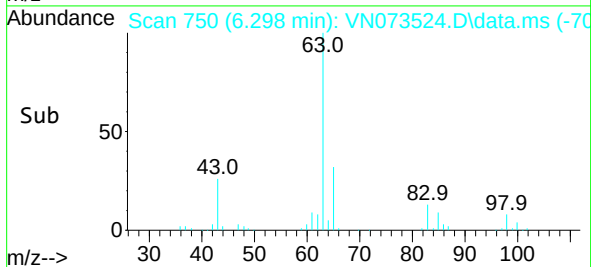
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

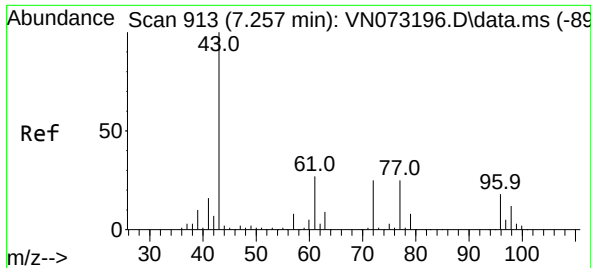


#24
 1,1-Dichloroethane
 Concen: 52.895 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073524.D
 Acq: 20 Jul 2022 15:34



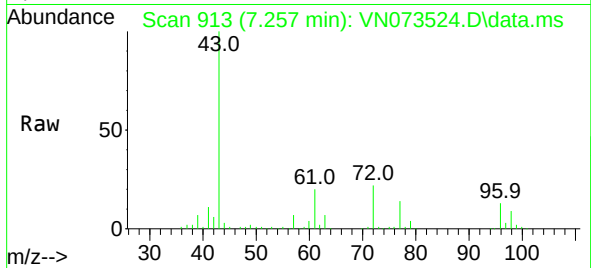
Tgt Ion: 63 Resp: 241305
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 297.626 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

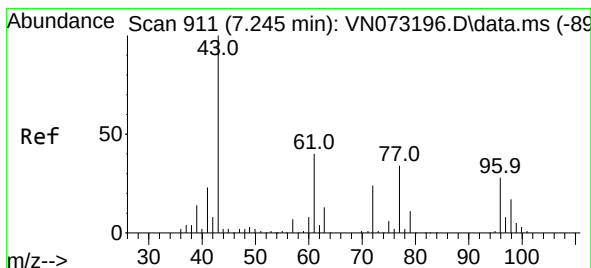
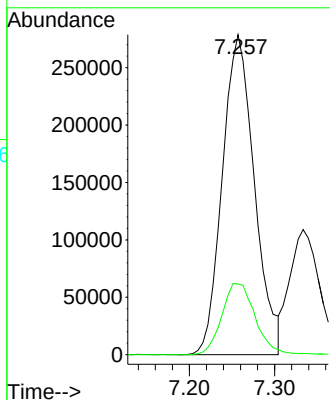
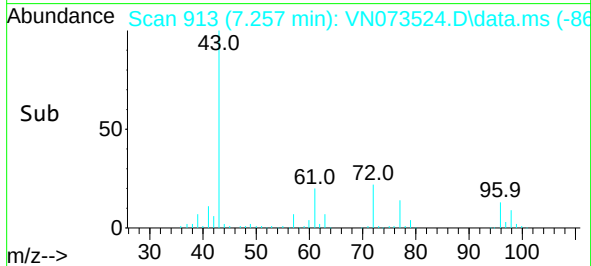
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



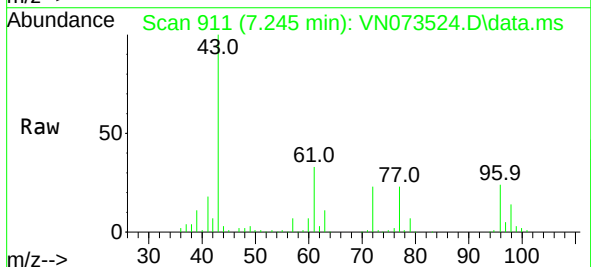
Tgt Ion: 43 Resp: 731459
Ion Ratio Lower Upper
43 100
72 22.1 23.7 35.5

Manual Integrations
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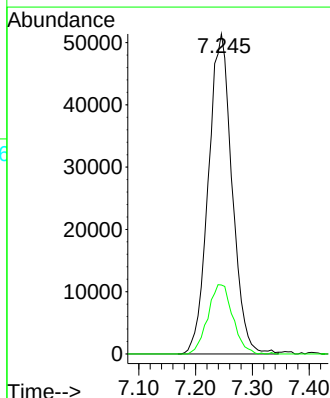
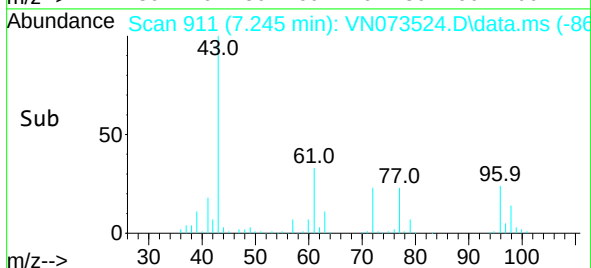
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

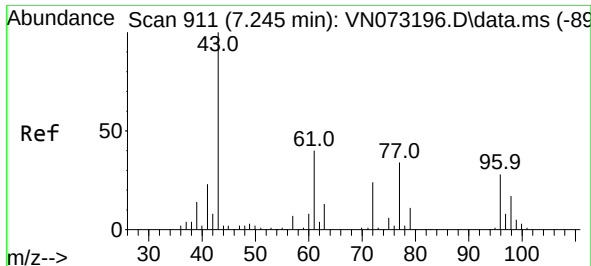


#26
2,2-Dichloropropane
Concen: 35.334 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



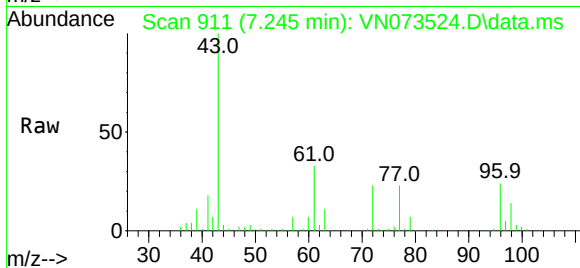
Tgt Ion: 77 Resp: 149079
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 49.427 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073524.D
 Acq: 20 Jul 2022 15:34

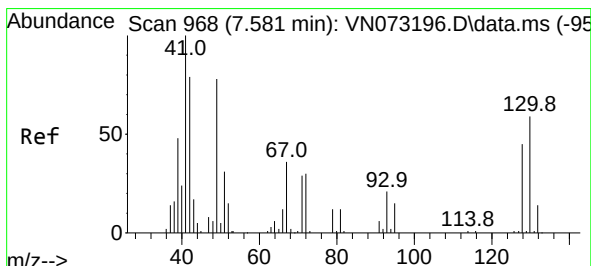
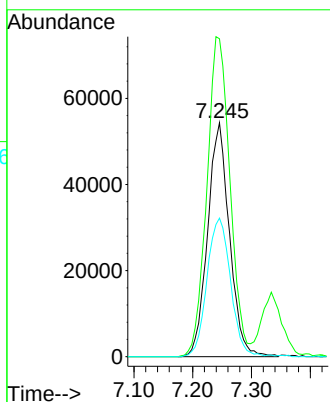
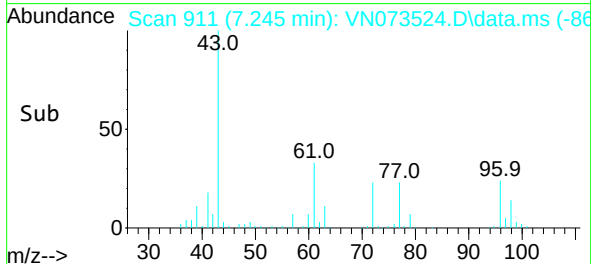
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 14025
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 280.6
 98 63.8 0.0 128.4

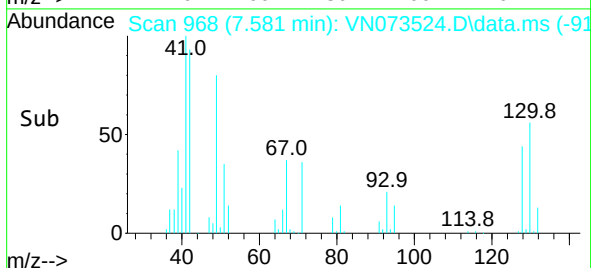
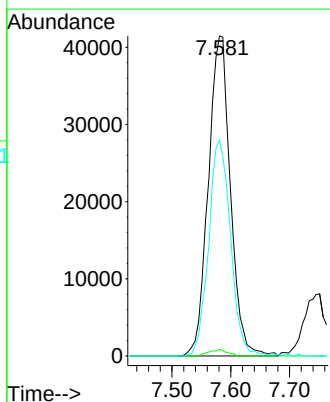
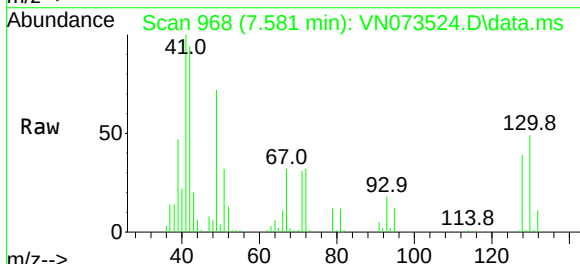
Manual Integrations
 APPROVED

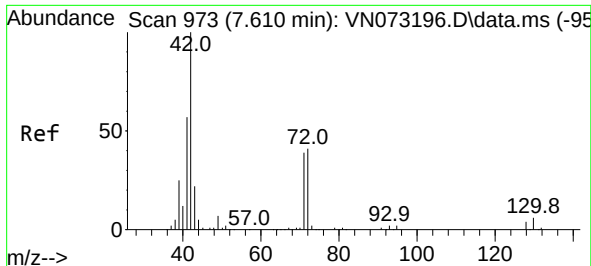
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#28
 Bromochloromethane
 Concen: 56.695 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073524.D
 Acq: 20 Jul 2022 15:34

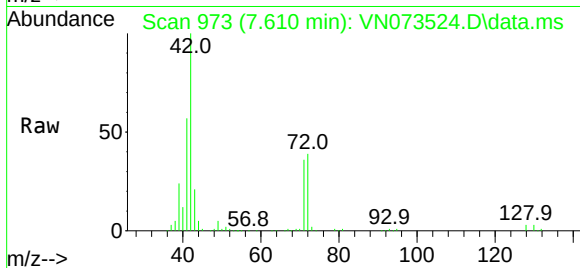
Tgt Ion: 49 Resp: 108320
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 66.6 69.7 104.5#





#29
Tetrahydrofuran
Concen: 295.541 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

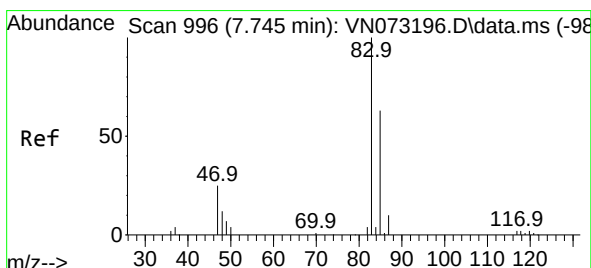
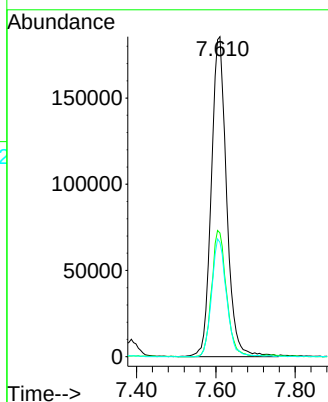
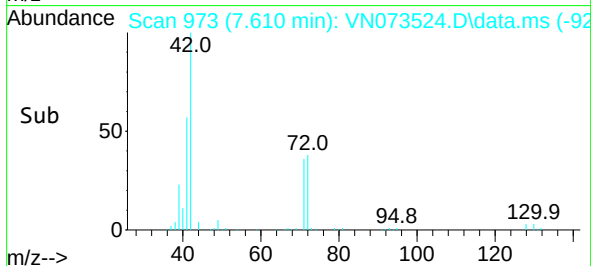
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



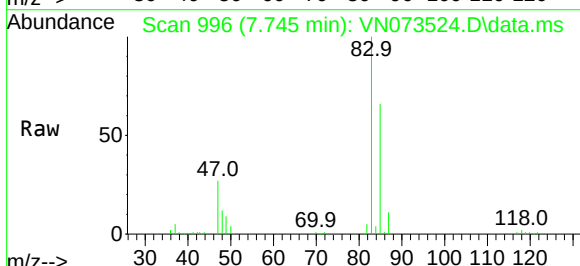
Tgt Ion: 42 Resp: 497330
Ion Ratio Lower Upper
42 100
72 38.1 39.7 59.5
71 35.7 36.6 55.0

Manual Integrations
APPROVED

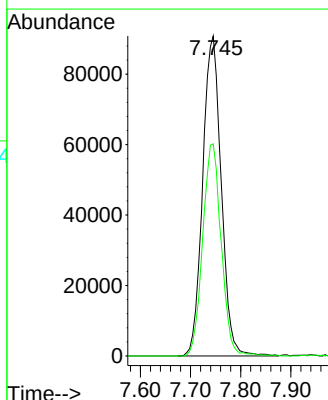
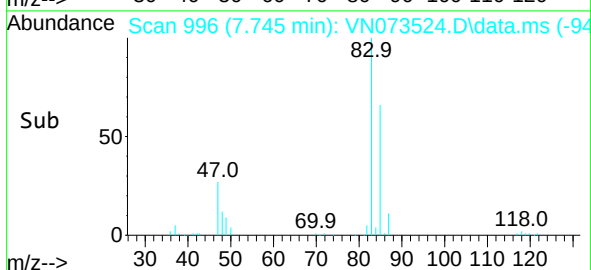
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

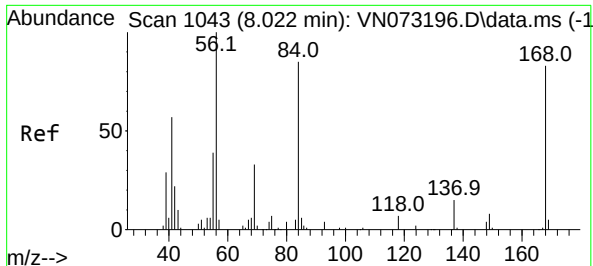


#30
Chloroform
Concen: 50.777 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



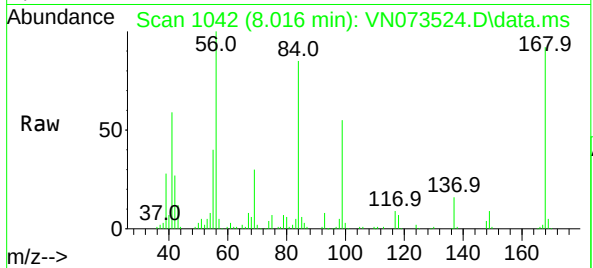
Tgt Ion: 83 Resp: 233306
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.8





#31
Cyclohexane
Concen: 49.743 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

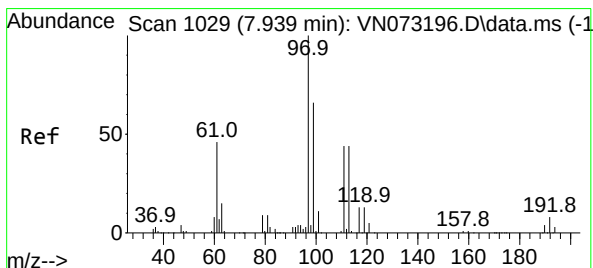
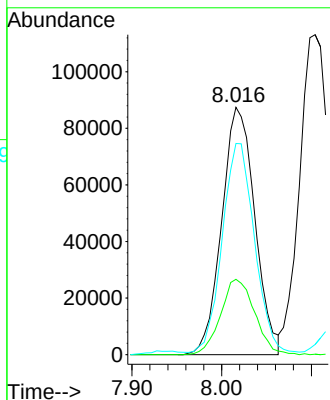
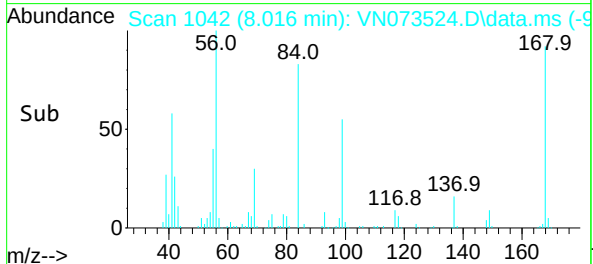
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



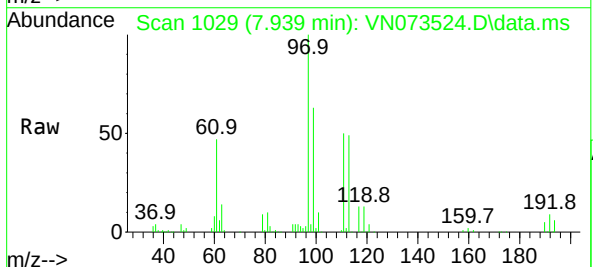
Tgt Ion: 56 Resp: 224036
Ion Ratio Lower Upper
56 100
69 30.2 27.8 41.8
84 84.3 76.9 115.3

Manual Integrations
APPROVED

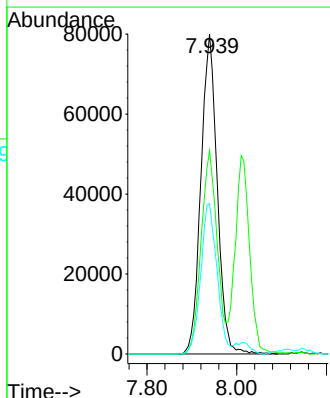
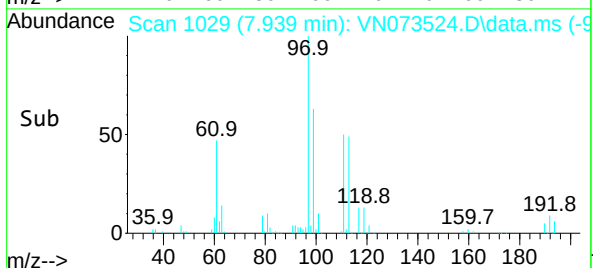
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

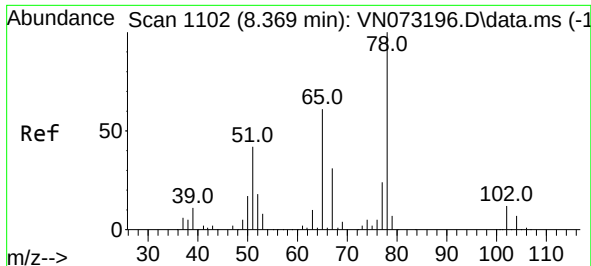


#32
1,1,1-Trichloroethane
Concen: 49.212 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



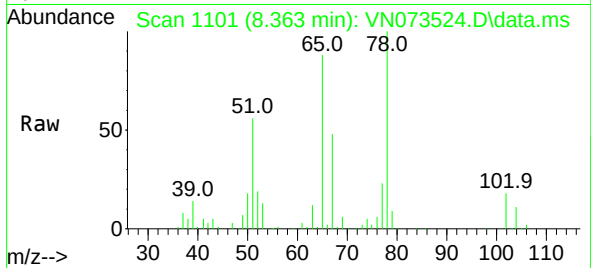
Tgt Ion: 97 Resp: 201506
Ion Ratio Lower Upper
97 100
99 62.1 50.6 76.0
61 47.0 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 47.140 ug/l
RT: 8.363 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

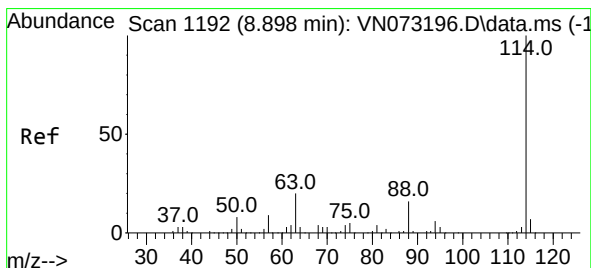
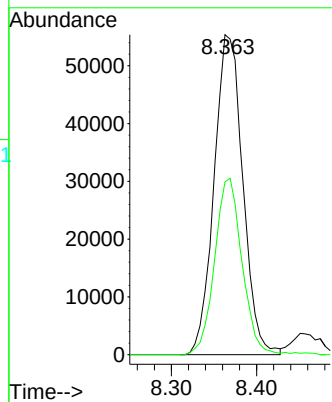
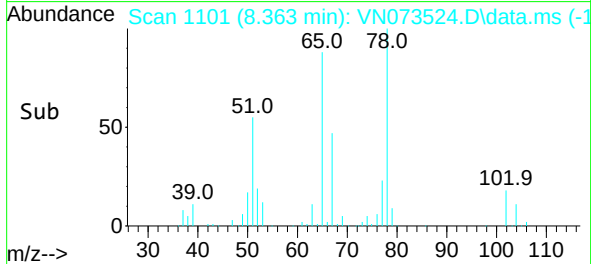
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



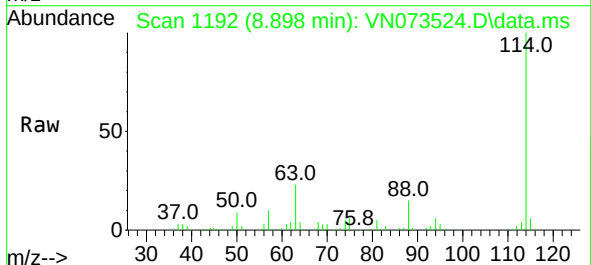
Tgt Ion: 65 Resp: 129630
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

Manual Integrations
APPROVED

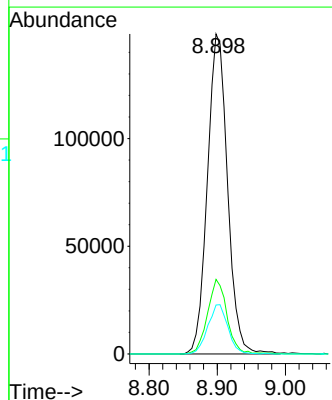
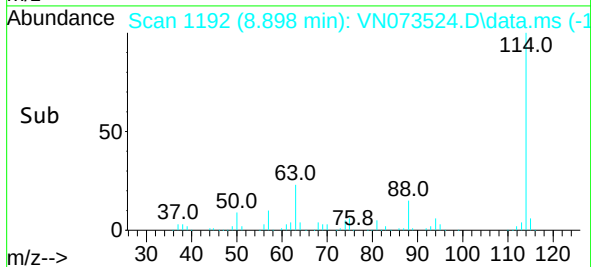
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

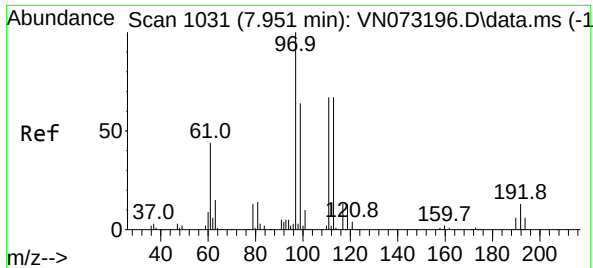


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



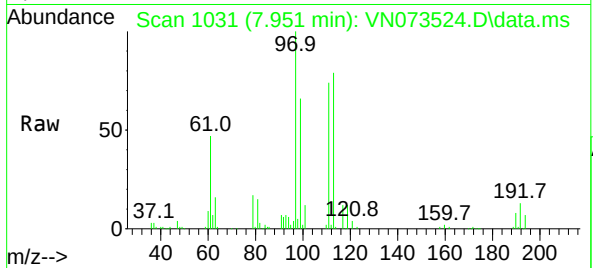
Tgt Ion:114 Resp: 305639
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.0
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.329 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

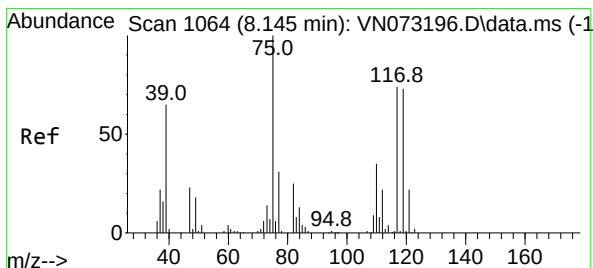
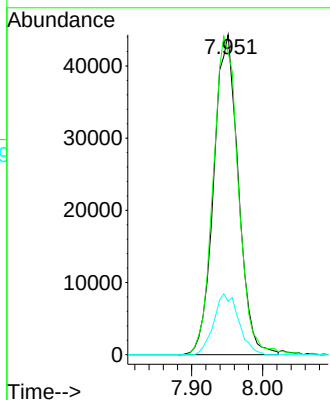
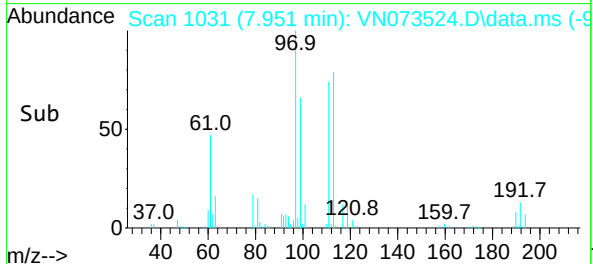
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



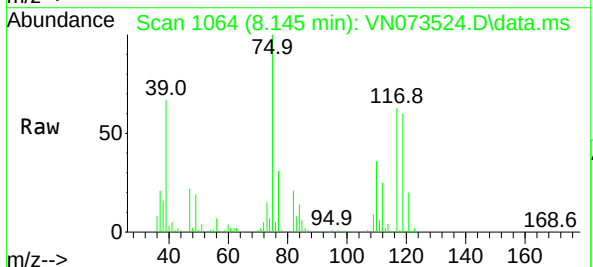
Tgt Ion: 113 Resp: 106410
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 19.3 17.0 25.6

Manual Integrations
APPROVED

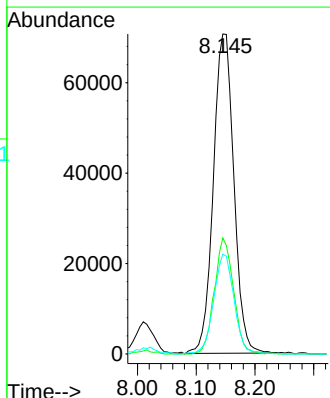
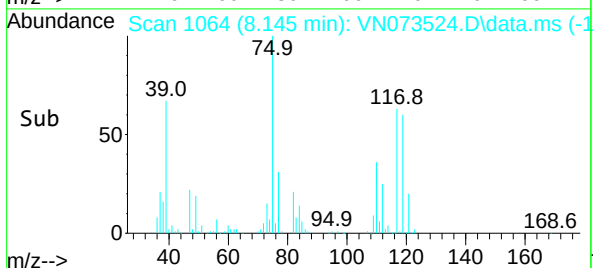
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

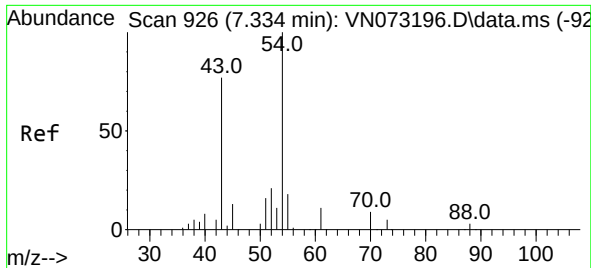


#36
1,1-Dichloropropene
Concen: 54.769 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



Tgt Ion: 75 Resp: 171366
Ion Ratio Lower Upper
75 100
110 34.1 18.3 54.8
77 31.1 25.1 37.7





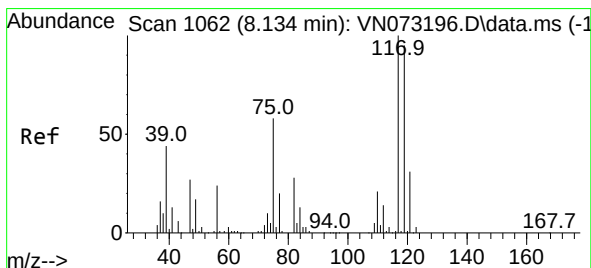
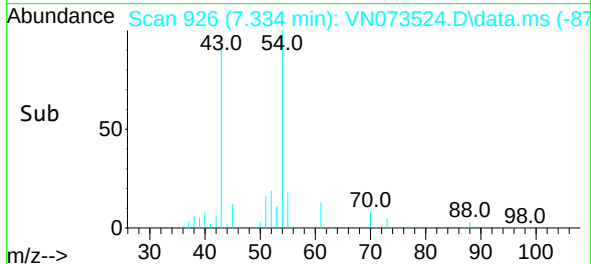
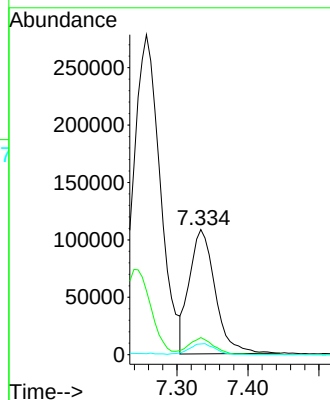
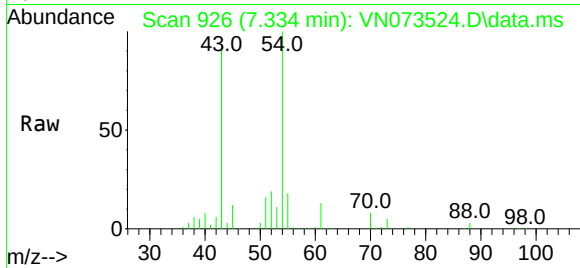
#37
Ethyl Acetate
Concen: 57.586 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 272248
Ion Ratio Lower Upper
43 100
61 12.9 11.8 17.6
70 9.1 9.3 13.9

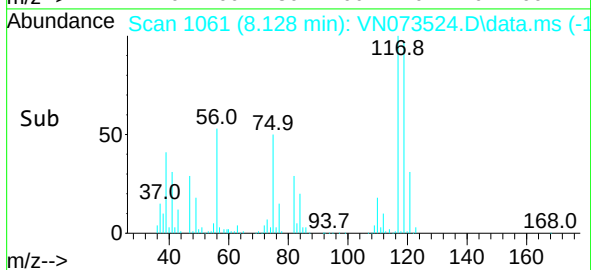
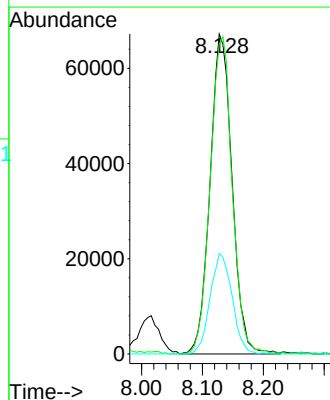
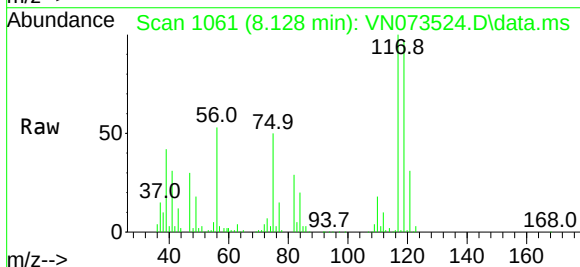
Manual Integrations
APPROVED

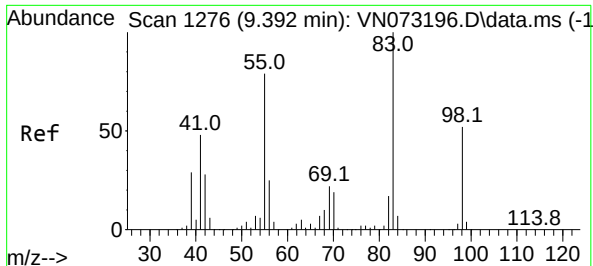
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#38
Carbon Tetrachloride
Concen: 52.318 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Tgt Ion:117 Resp: 169284
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
121 31.4 24.6 37.0





#39

Methylcyclohexane

Concen: 53.685 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 209125

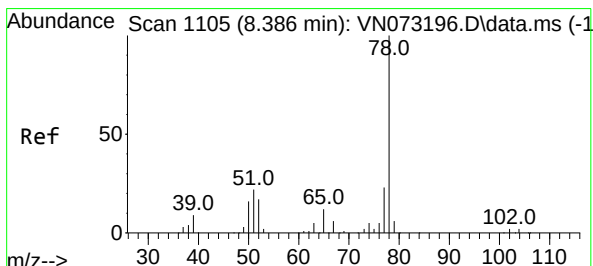
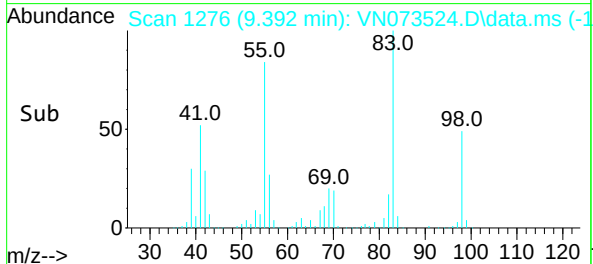
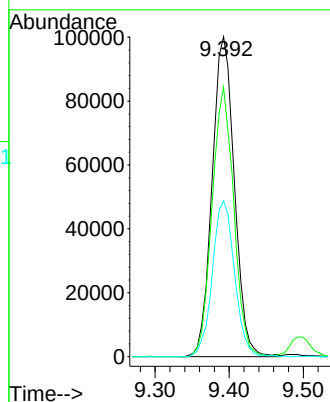
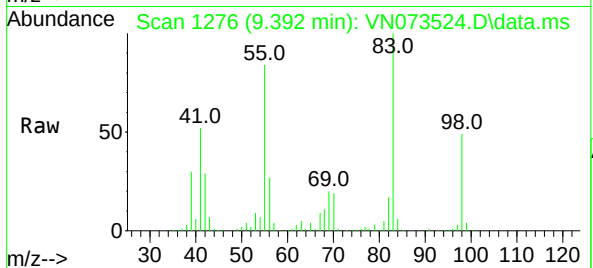
Ion	Ratio	Lower	Upper
83	100		
55	84.3	57.8	86.8
98	48.7	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#40

Benzene

Concen: 56.103 ug/l

RT: 8.386 min Scan# 1105

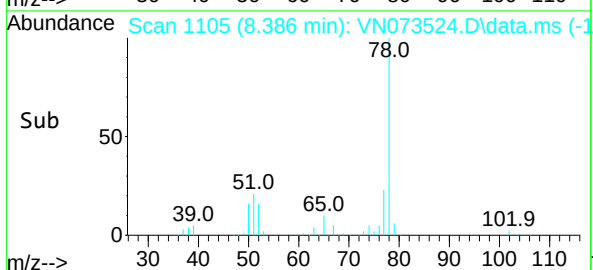
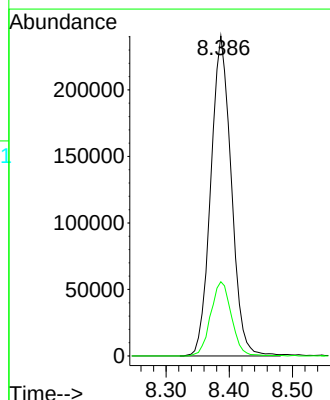
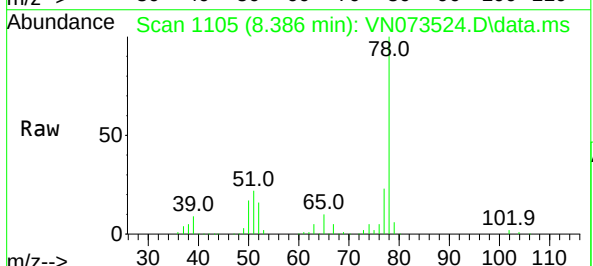
Delta R.T. 0.000 min

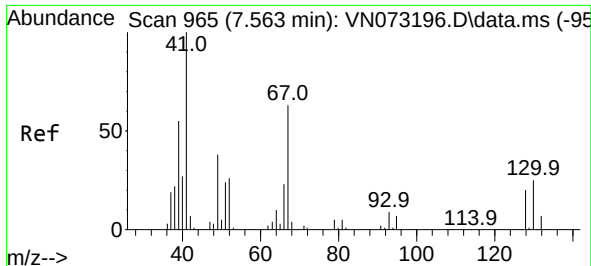
Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

Tgt Ion: 78 Resp: 541748

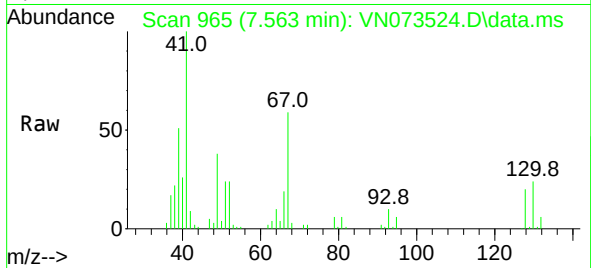
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





#41
Methacrylonitrile
Concen: 57.590 ug/l
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

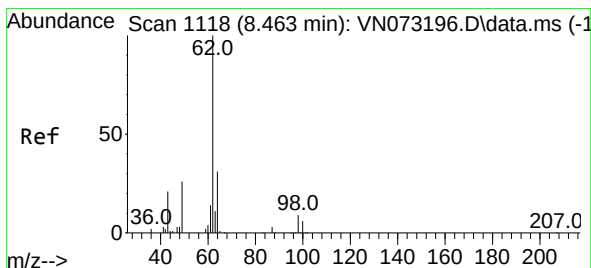
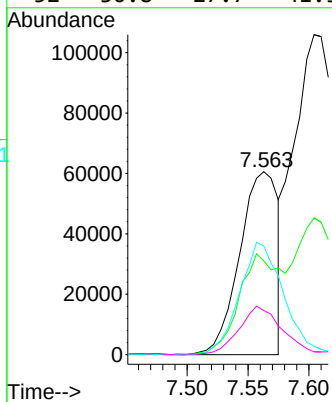
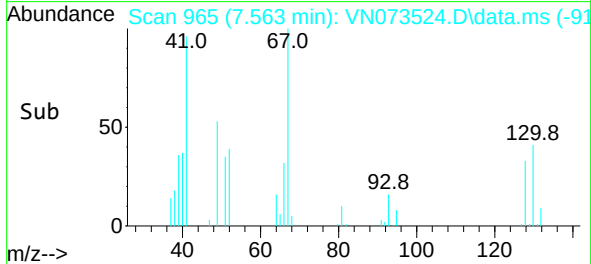
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



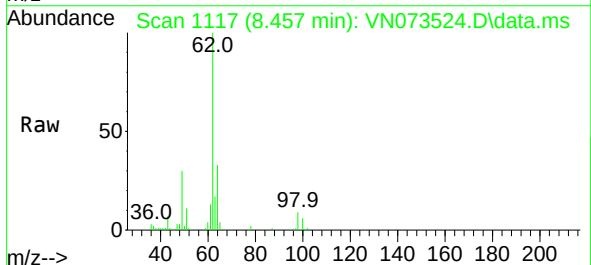
Tgt Ion: 41 Resp: 132045
Ion Ratio Lower Upper
41 100
39 61.4 48.6 73.0
67 72.0 73.4 110.2
52 30.8 27.7 41.5

Manual Integrations
APPROVED

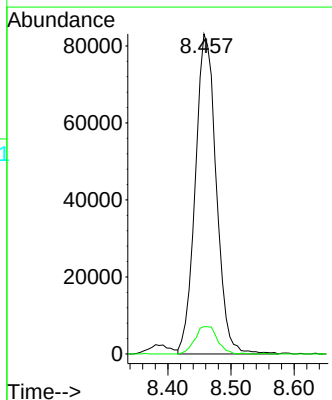
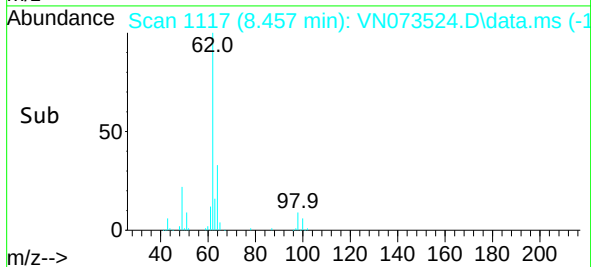
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

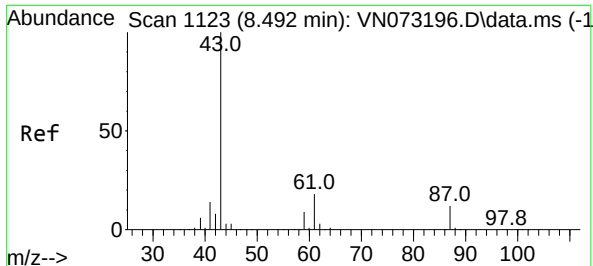


#42
1,2-Dichloroethane
Concen: 54.819 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



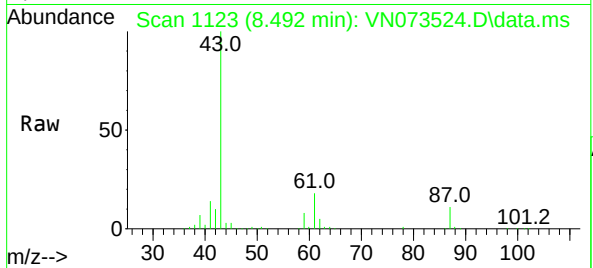
Tgt Ion: 62 Resp: 191885
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 57.885 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

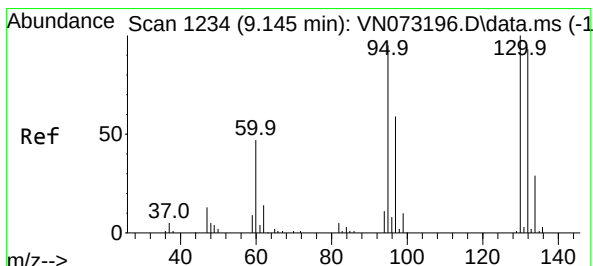
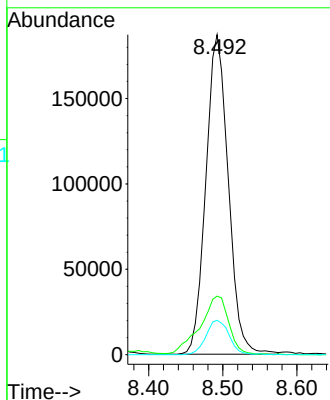
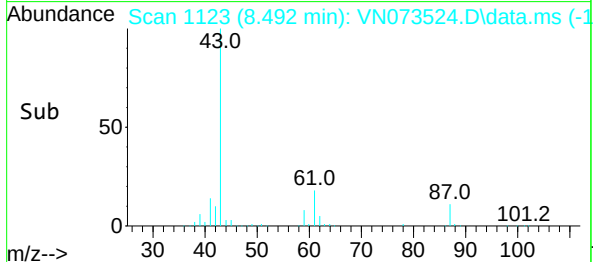
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



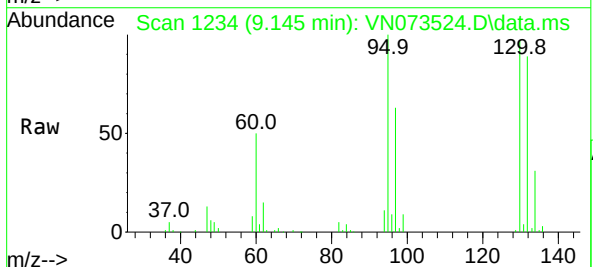
Tgt Ion: 43 Resp: 393295
Ion Ratio Lower Upper
43 100
61 23.7 21.9 32.9
87 11.2 12.0 18.0

Manual Integrations
APPROVED

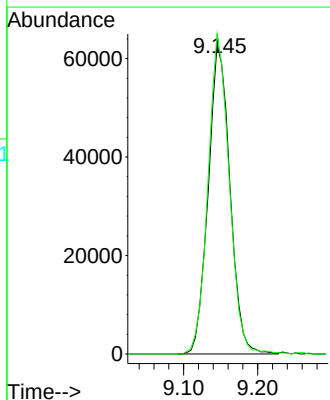
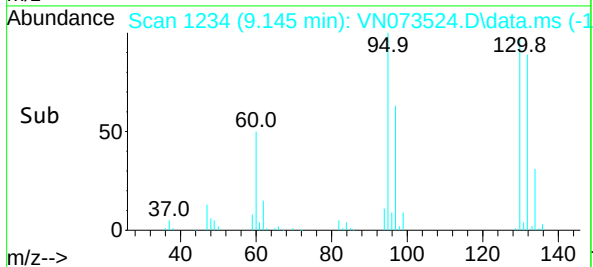
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

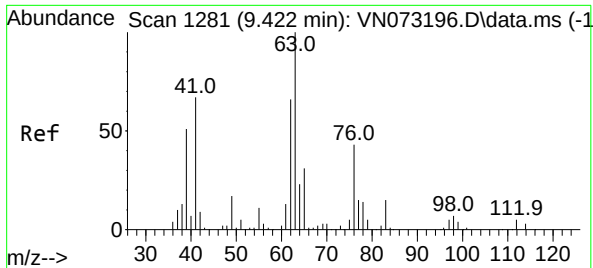


#44
Trichloroethene
Concen: 52.006 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



Tgt Ion:130 Resp: 127795
Ion Ratio Lower Upper
130 100
95 103.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 57.911 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 142529

Ion Ratio Lower Upper

63 100

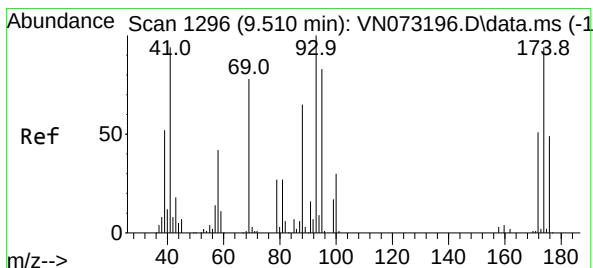
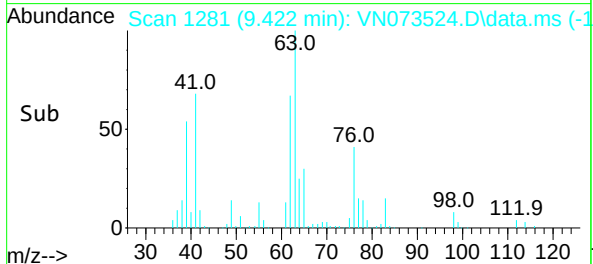
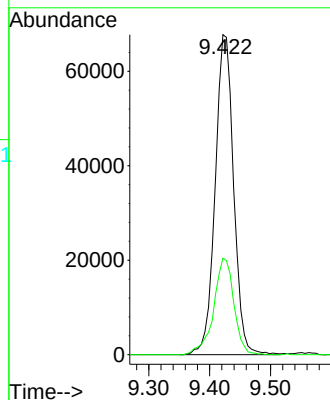
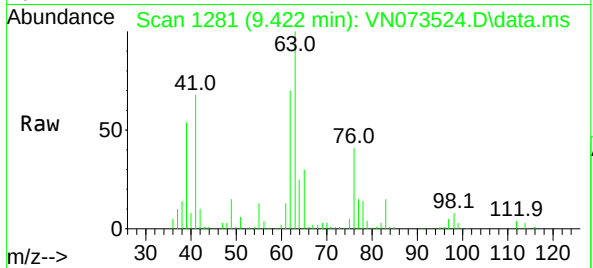
65 30.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#46

Dibromomethane

Concen: 54.800 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

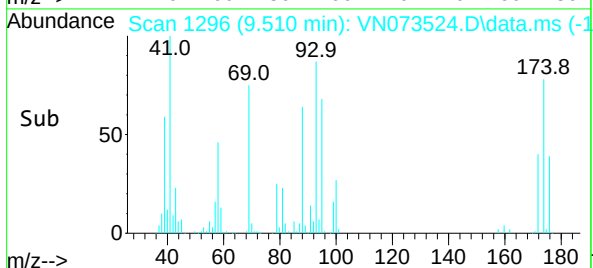
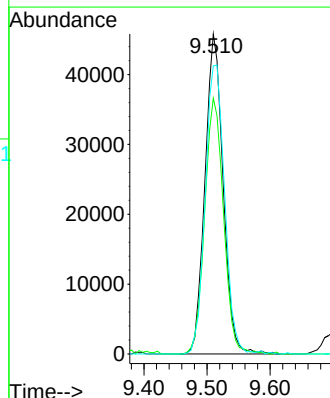
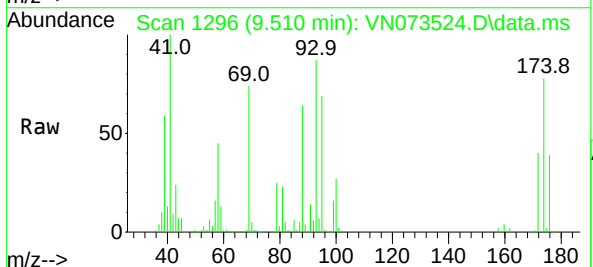
Tgt Ion: 93 Resp: 91578

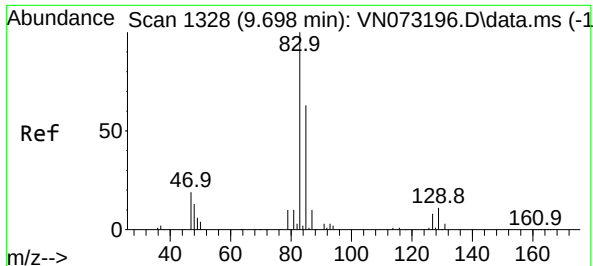
Ion Ratio Lower Upper

93 100

95 82.9 66.9 100.3

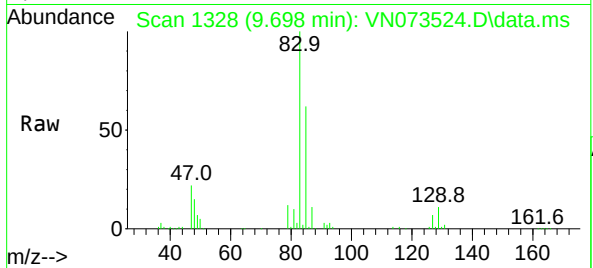
174 96.2 86.6 130.0





#47
Bromodichloromethane
Concen: 56.531 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

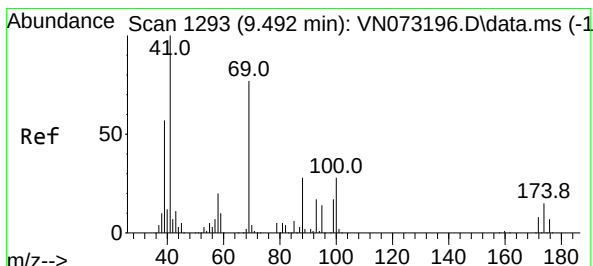
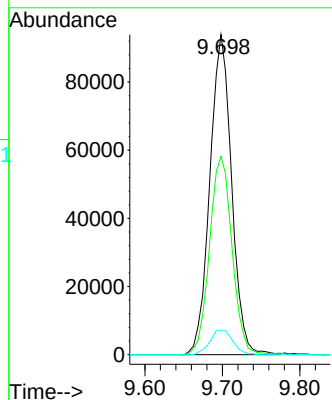
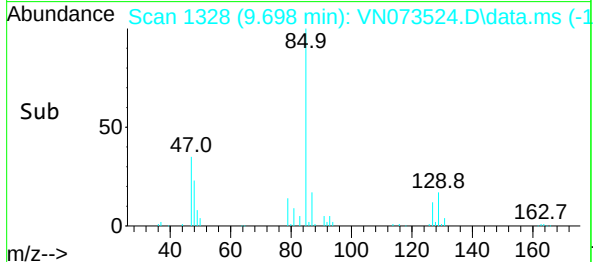
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



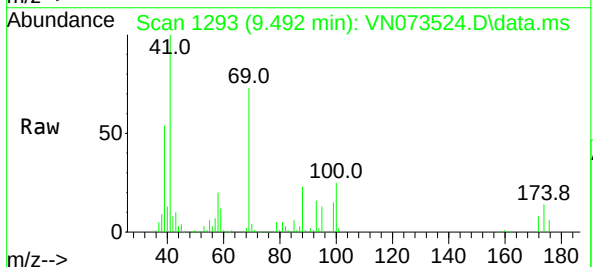
Tgt Ion: 83 Resp: 182970
Ion Ratio Lower Upper
83 100
85 61.9 50.5 75.7
127 7.4 6.8 10.2

Manual Integrations
APPROVED

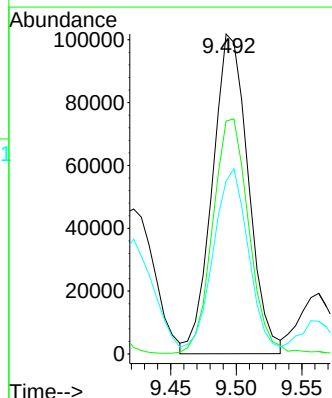
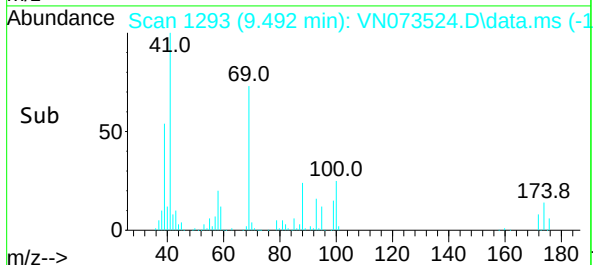
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

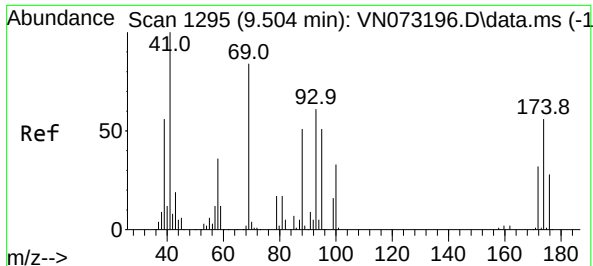


#48
Methyl methacrylate
Concen: 61.604 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



Tgt Ion: 41 Resp: 193801
Ion Ratio Lower Upper
41 100
69 73.8 74.7 112.1#
39 57.0 45.6 68.4





#49

1,4-Dioxane

Concen: 1242.565 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 74208

Ion Ratio Lower Upper

88 100

43 35.4 20.2 30.4

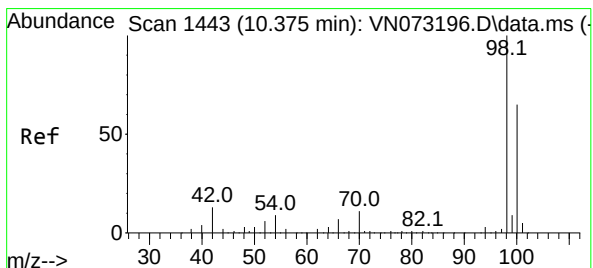
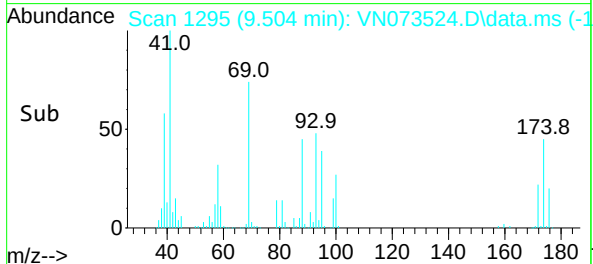
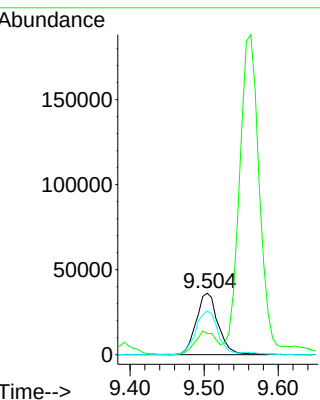
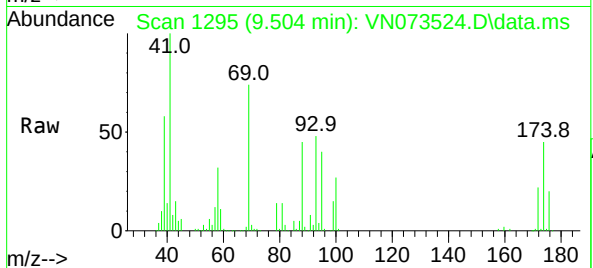
58 71.5 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#50

Toluene-d8

Concen: 49.659 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073524.D

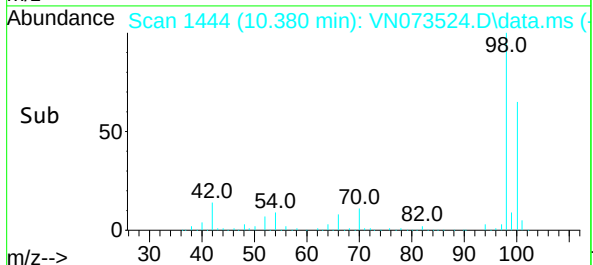
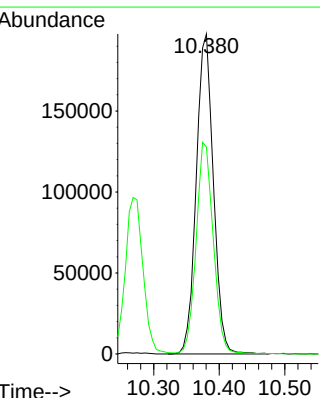
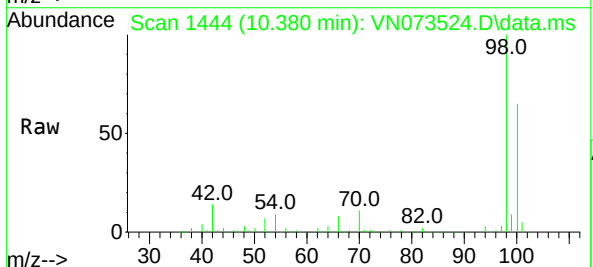
Acq: 20 Jul 2022 15:34

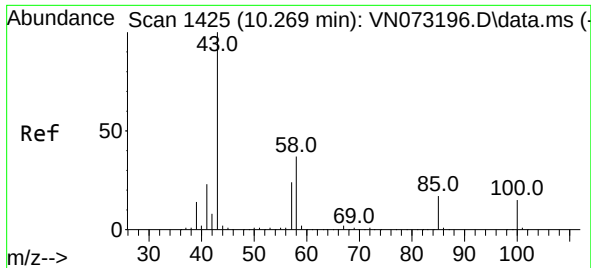
Tgt Ion: 98 Resp: 358643

Ion Ratio Lower Upper

98 100

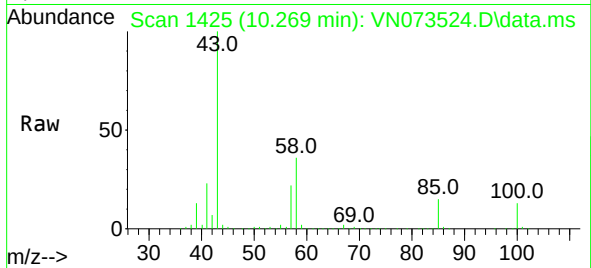
100 66.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 324.676 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

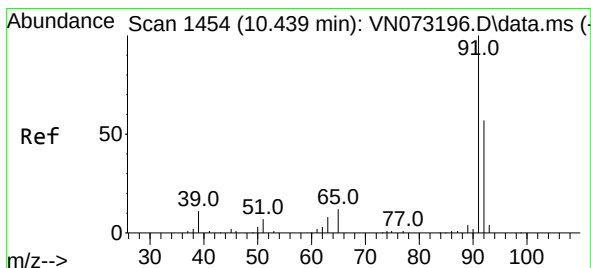
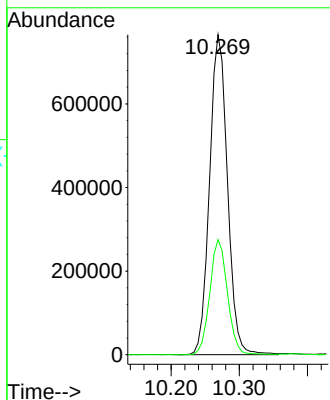
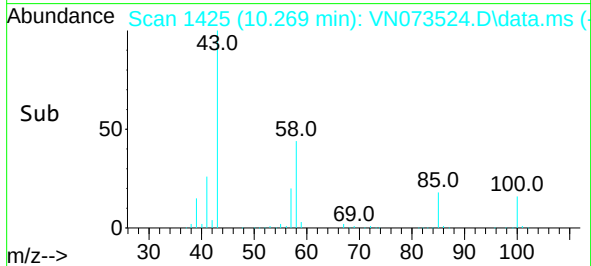
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



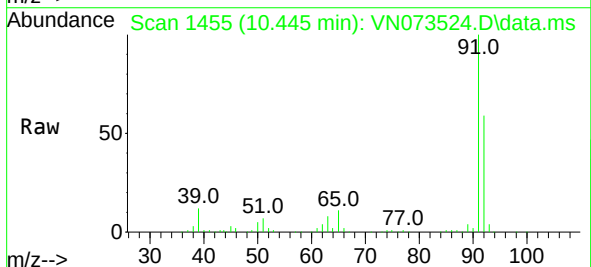
Tgt Ion: 43 Resp: 1398950
Ion Ratio Lower Upper
43 100
58 35.4 34.1 51.1

Manual Integrations
APPROVED

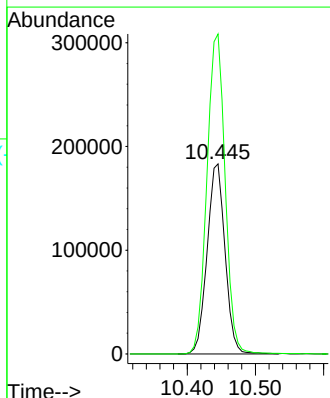
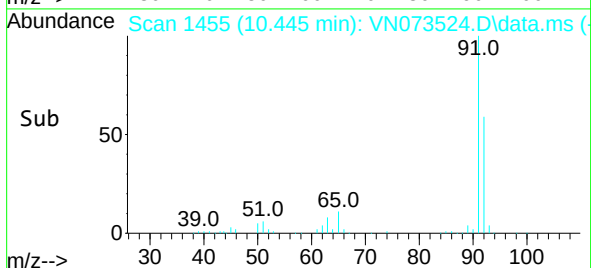
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

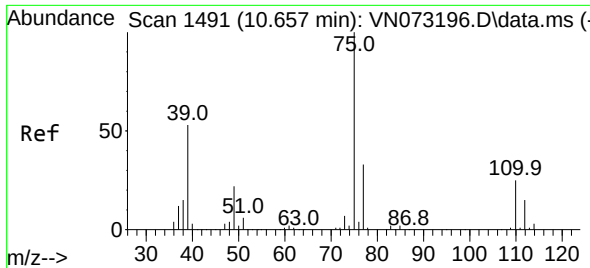


#52
Toluene
Concen: 56.168 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



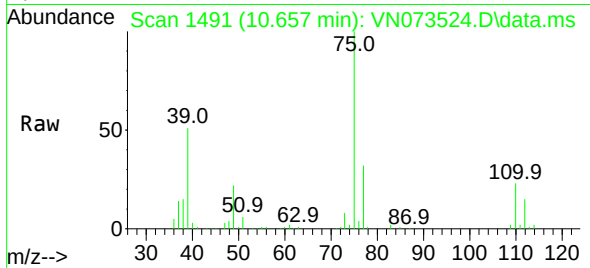
Tgt Ion: 92 Resp: 335183
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 53.032 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

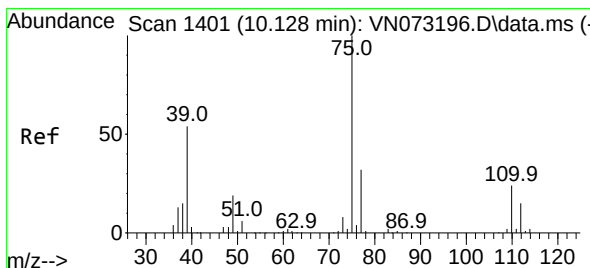
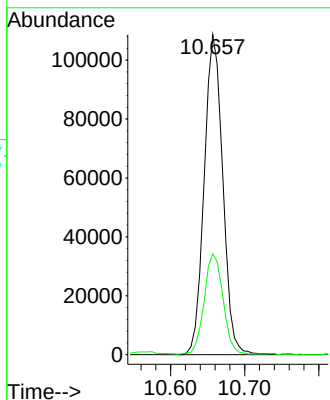
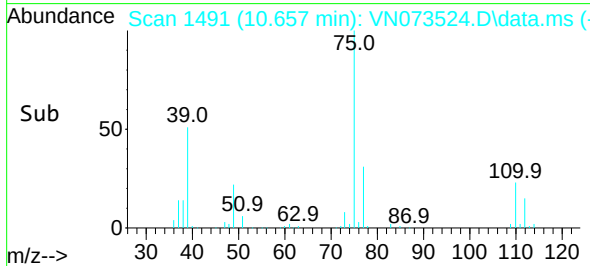
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



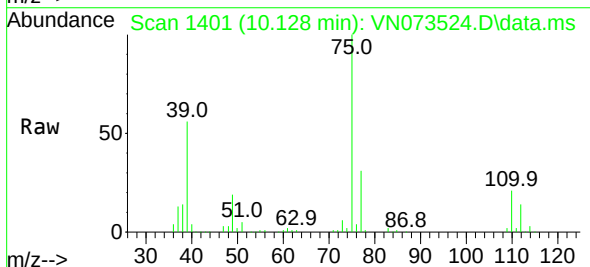
Tgt Ion: 75 Resp: 18895
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
APPROVED

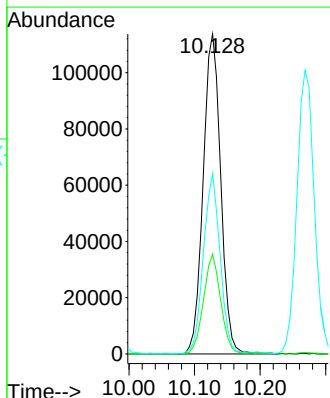
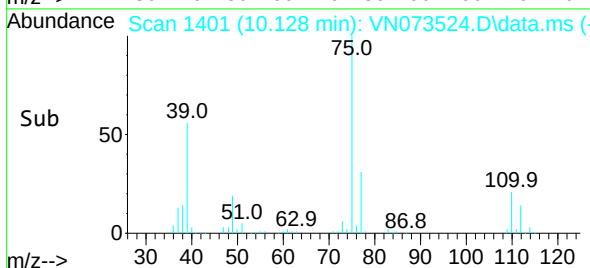
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

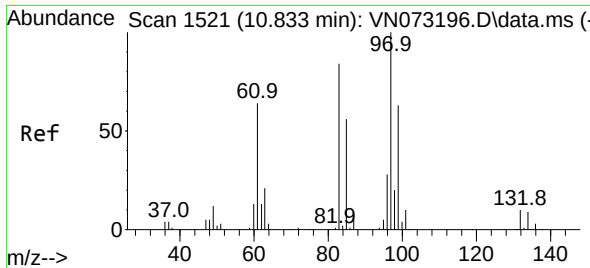


#54
cis-1,3-Dichloropropene
Concen: 55.211 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.001 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



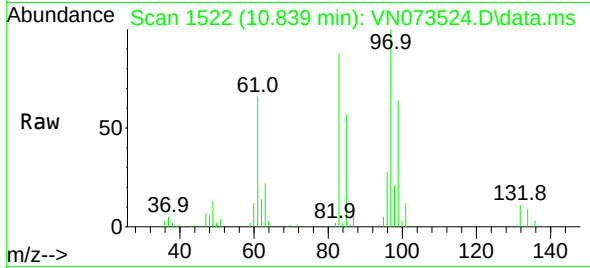
Tgt Ion: 75 Resp: 212378
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 56.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 53.872 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

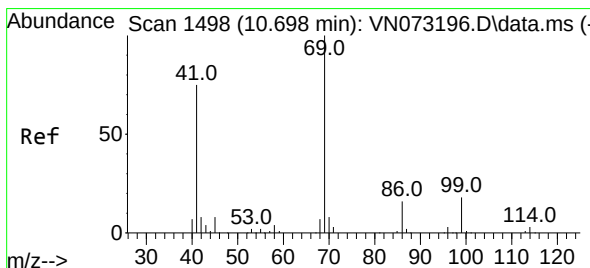
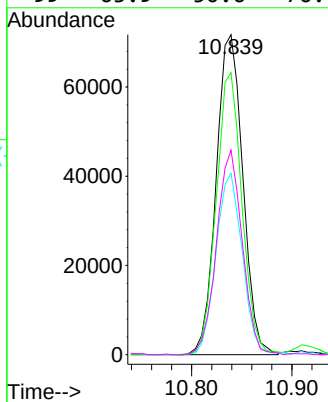
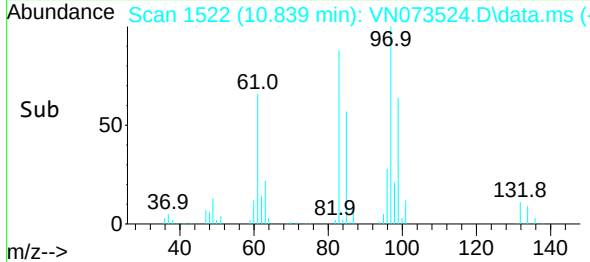
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



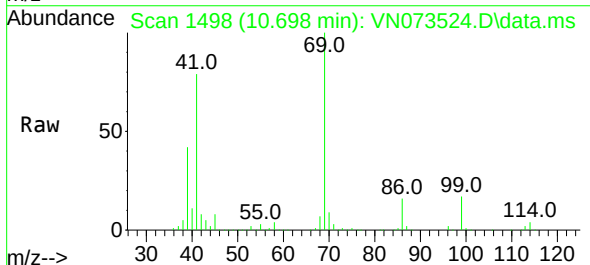
Tgt Ion: 97 Resp: 132349
Ion Ratio Lower Upper
97 100
83 88.1 66.2 99.4
85 56.7 43.9 65.9
99 63.9 50.6 76.0

Manual Integrations
APPROVED

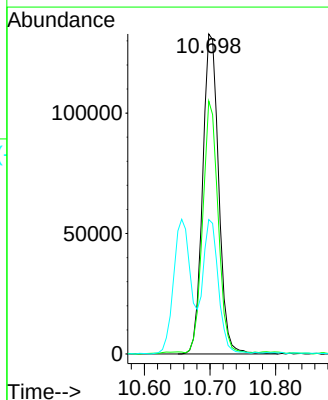
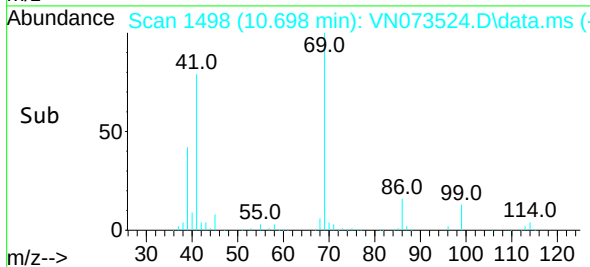
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

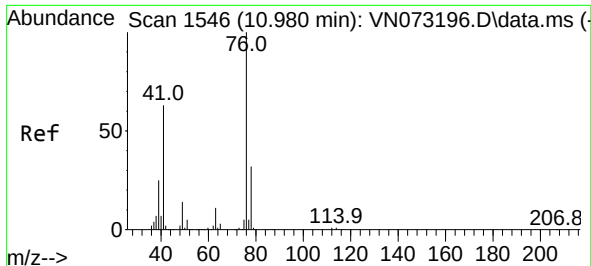


#56
Ethyl methacrylate
Concen: 57.158 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



Tgt Ion: 69 Resp: 226966
Ion Ratio Lower Upper
69 100
41 75.3 47.8 71.6#
39 39.3 27.3 40.9





#57

1,3-Dichloropropane

Concen: 55.055 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 231864

Ion Ratio Lower Upper

76 100

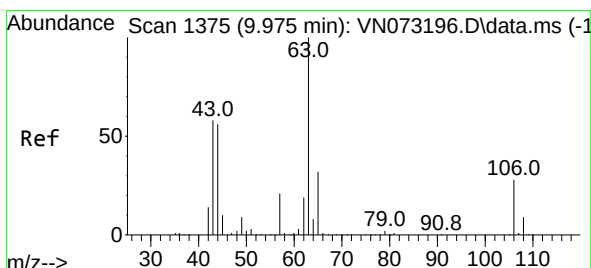
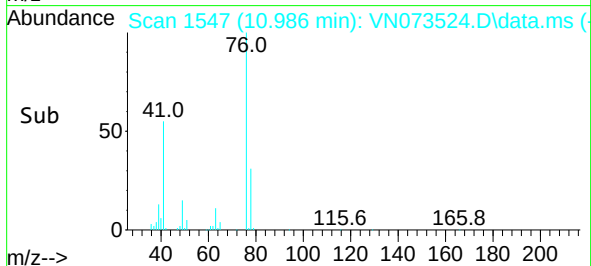
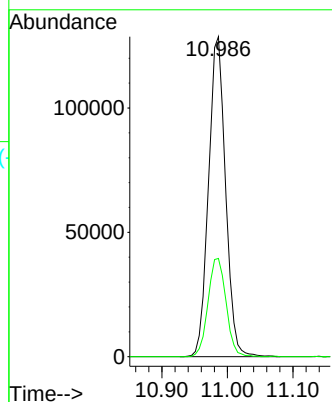
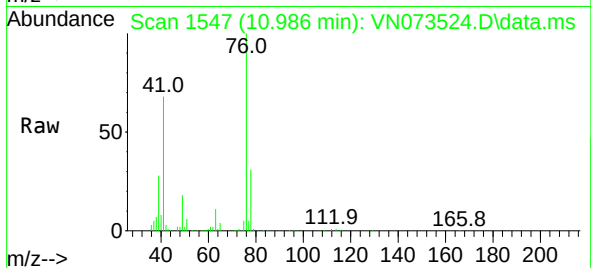
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 290.683 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073524.D

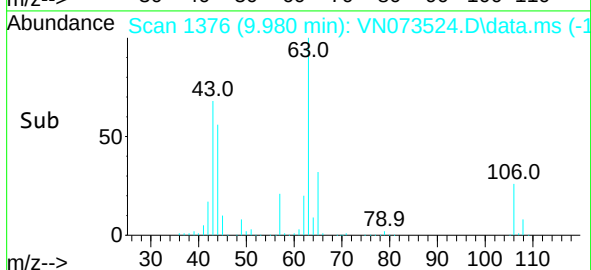
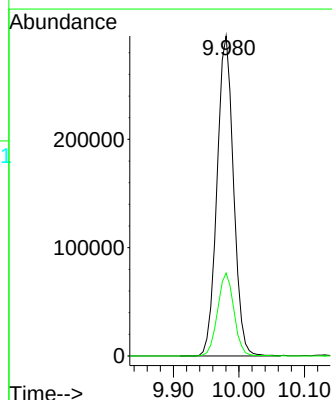
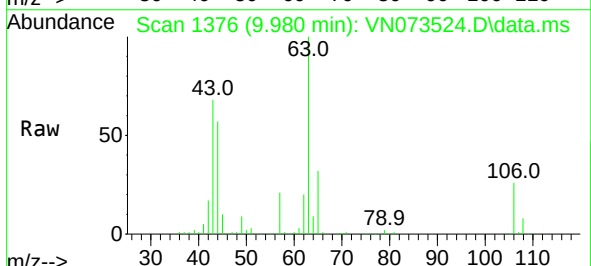
Acq: 20 Jul 2022 15:34

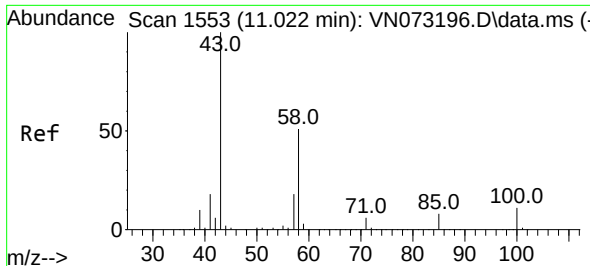
Tgt Ion: 63 Resp: 514781

Ion Ratio Lower Upper

63 100

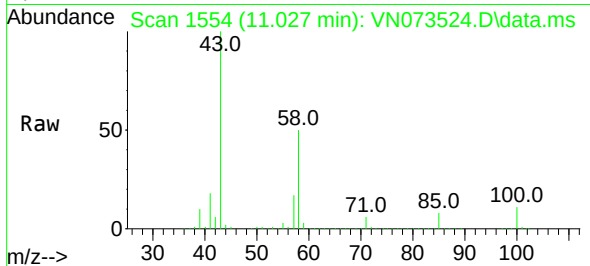
106 25.7 24.6 36.8





#59
2-Hexanone
Concen: 323.440 ug/l
RT: 11.027 min Scan# 1553
Delta R.T. 0.005 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

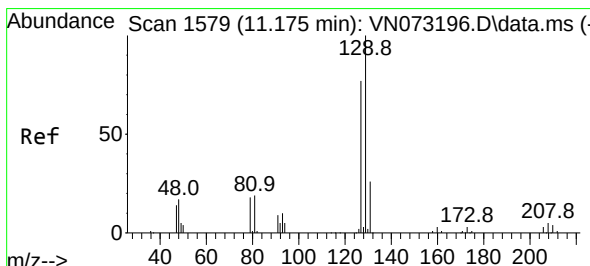
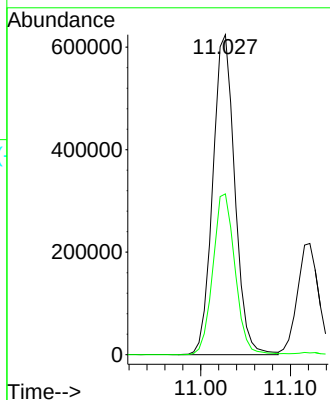
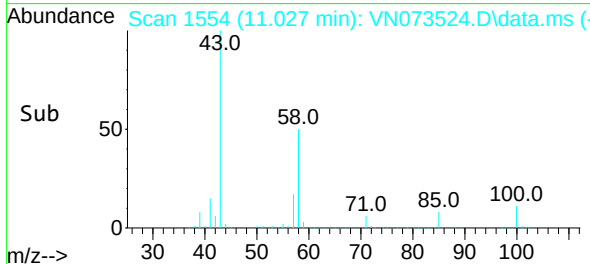
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



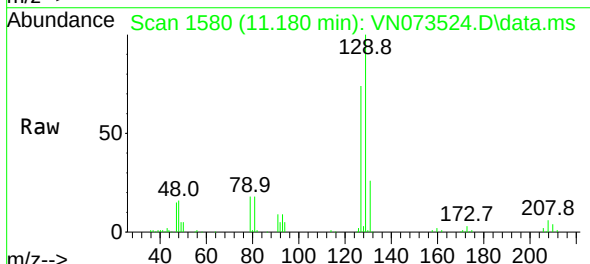
Tgt Ion: 43 Resp: 1062318
Ion Ratio Lower Upper
43 100
58 50.7 29.7 89.1

Manual Integrations
APPROVED

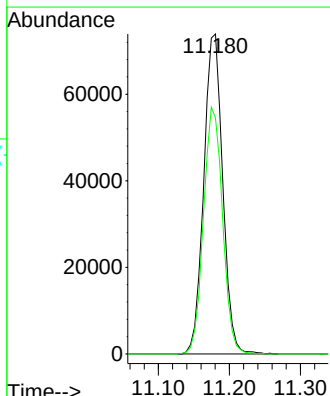
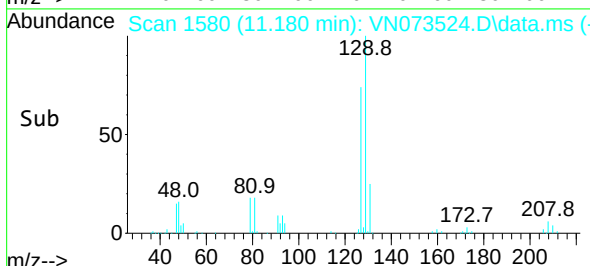
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

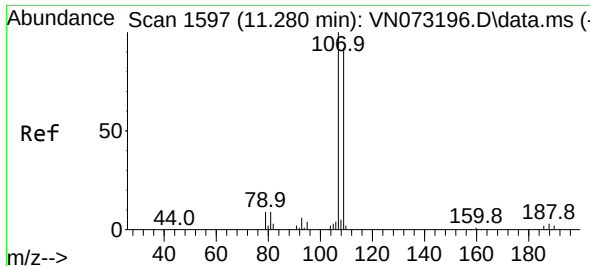


#60
Dibromochloromethane
Concen: 58.505 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



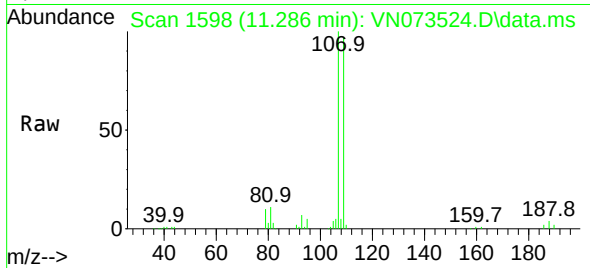
Tgt Ion:129 Resp: 137038
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.152 ug/l
RT: 11.286 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

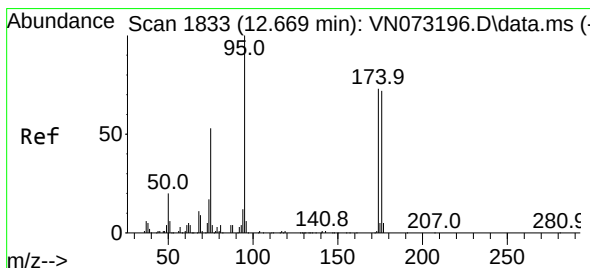
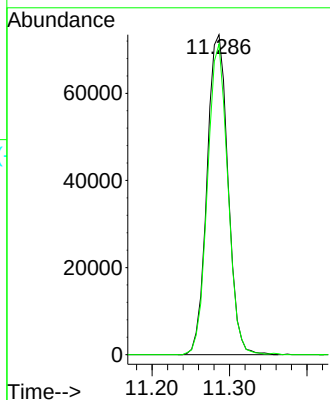
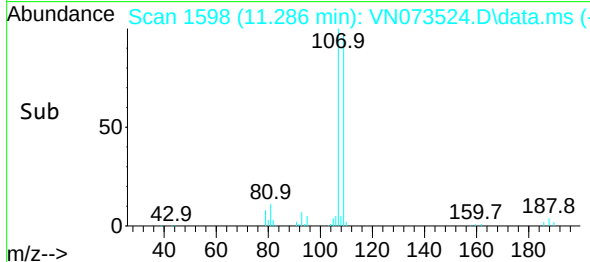
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 13779
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6

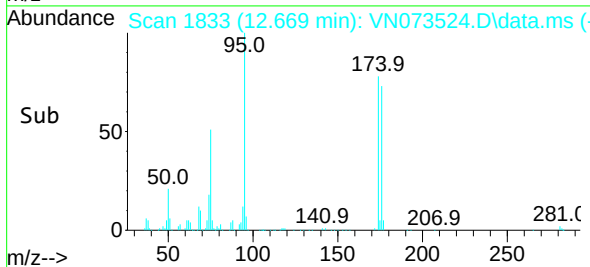
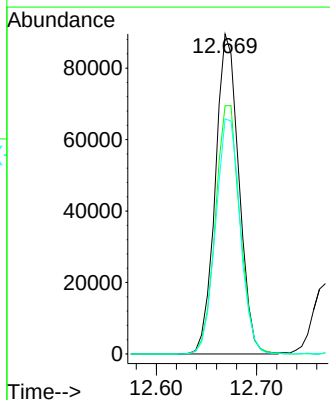
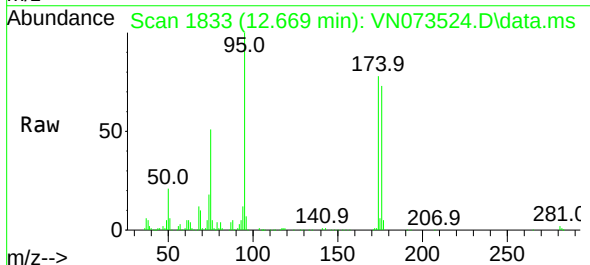
Manual Integrations
APPROVED

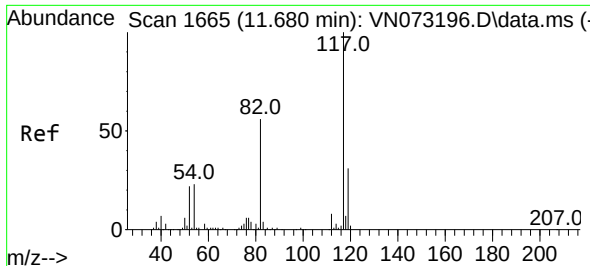
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#62
4-Bromofluorobenzene
Concen: 52.581 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

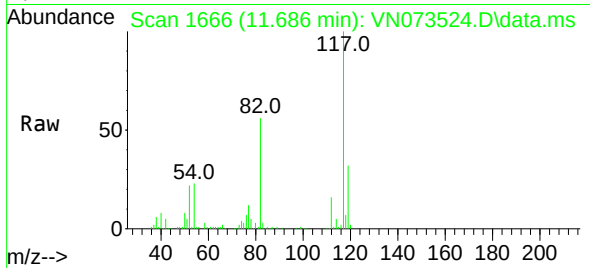
Tgt Ion: 95 Resp: 145936
Ion Ratio Lower Upper
95 100
174 80.6 0.0 167.6
176 76.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

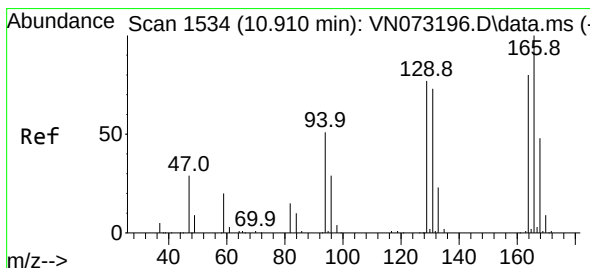
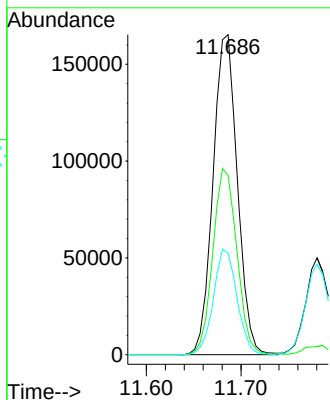
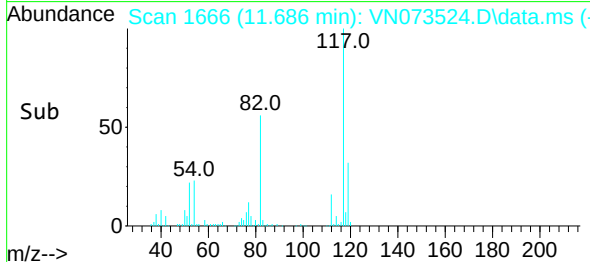
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 29505
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 31.7 25.4 38.0

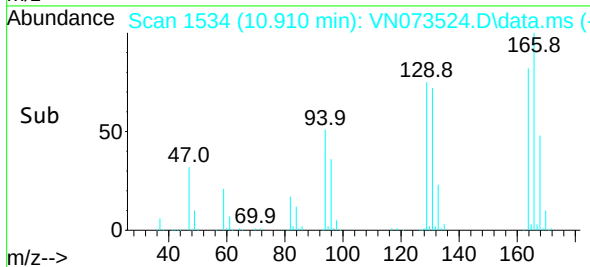
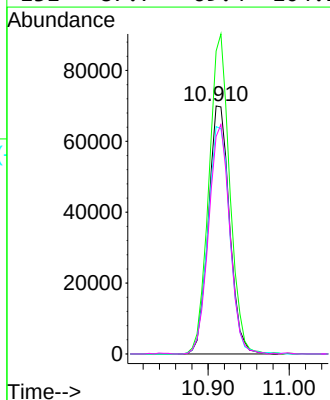
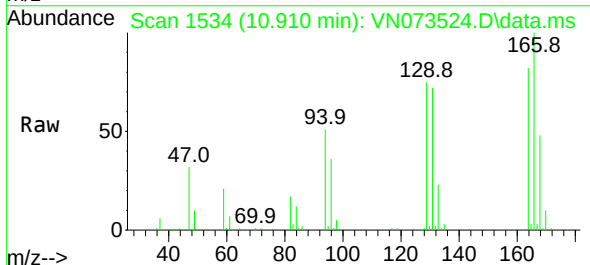
Manual Integrations
APPROVED

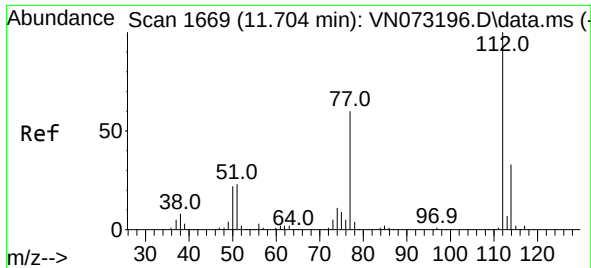
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#64
Tetrachloroethene
Concen: 52.614 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Tgt Ion:164 Resp: 126766
Ion Ratio Lower Upper
164 100
166 122.2 104.2 156.2
129 91.7 73.9 110.9
131 87.7 69.4 104.2





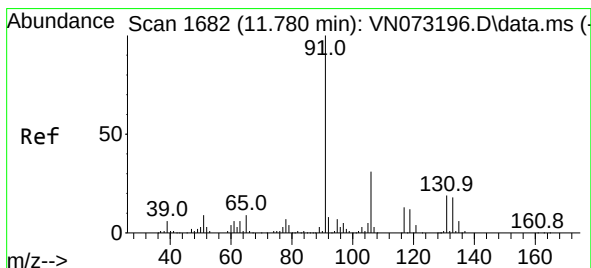
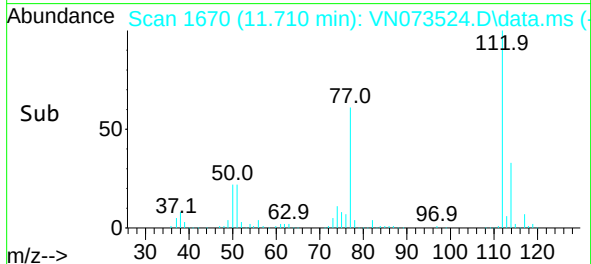
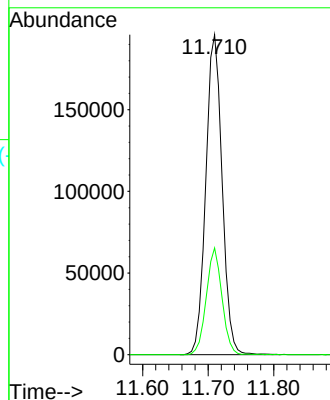
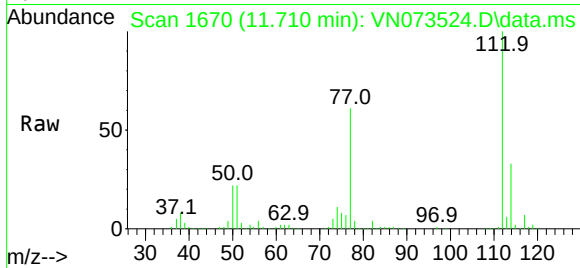
#65
Chlorobenzene
Concen: 50.810 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 339059
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.2

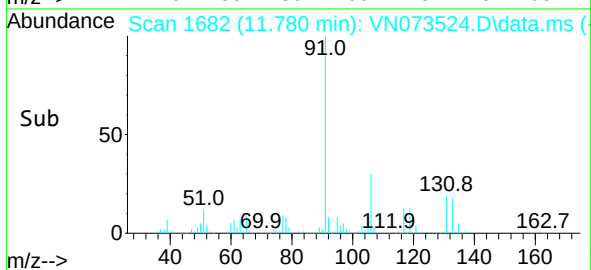
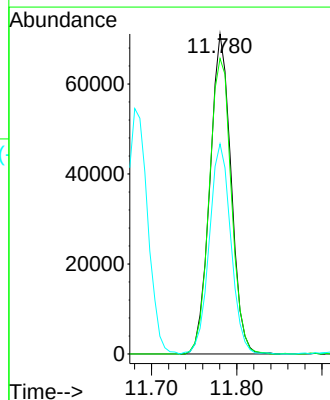
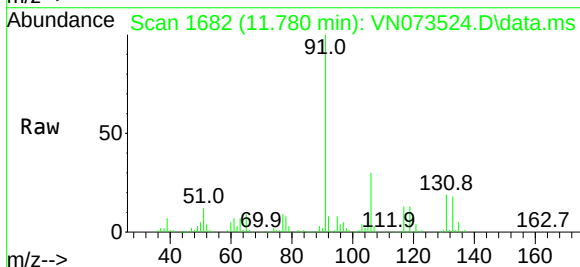
Manual Integrations
APPROVED

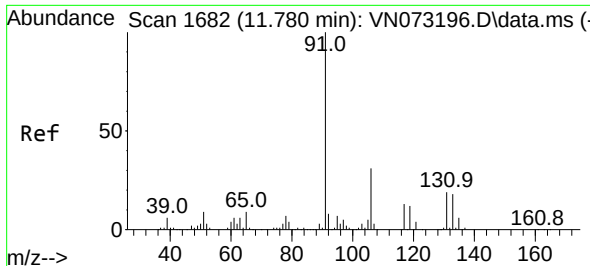
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.000 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Tgt Ion:131 Resp: 122724
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.4
119 67.0 33.4 100.2





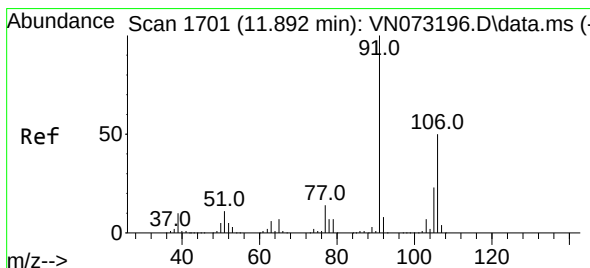
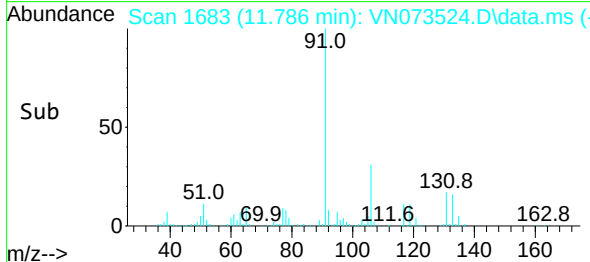
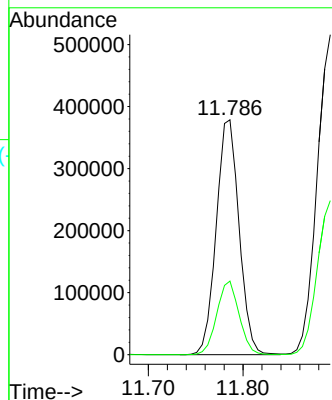
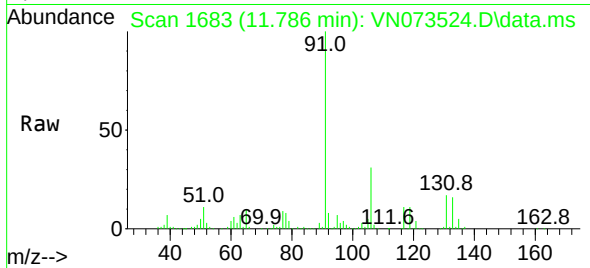
#67
Ethyl Benzene
Concen: 52.414 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 63499
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

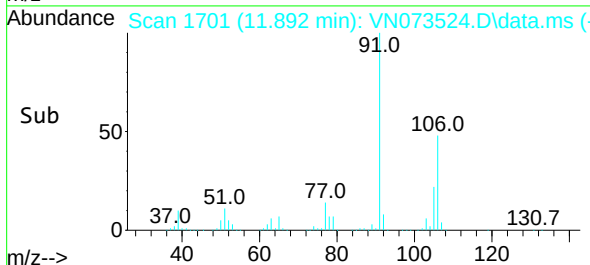
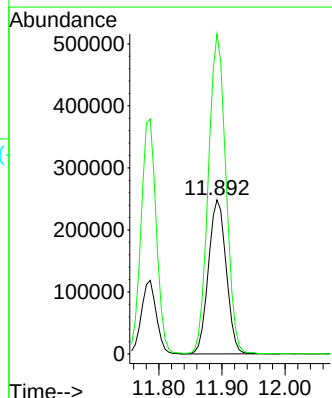
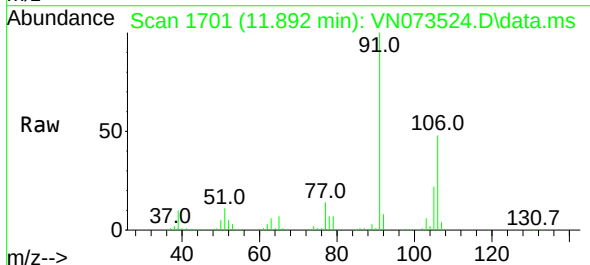
Manual Integrations
APPROVED

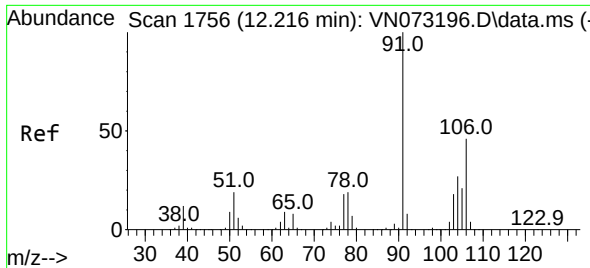
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#68
m/p-Xylenes
Concen: 106.168 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Tgt Ion:106 Resp: 485413
Ion Ratio Lower Upper
106 100
91 204.8 158.9 238.3





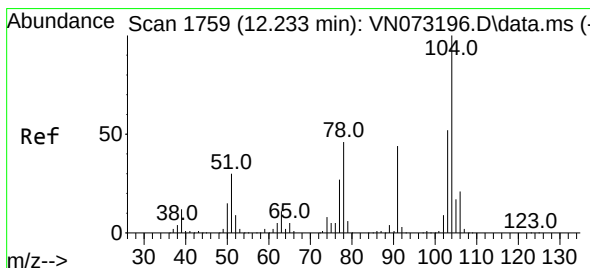
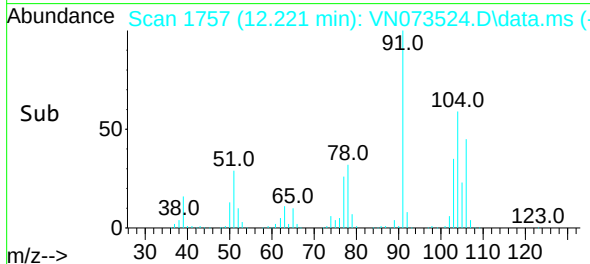
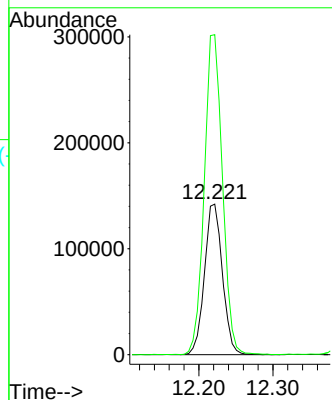
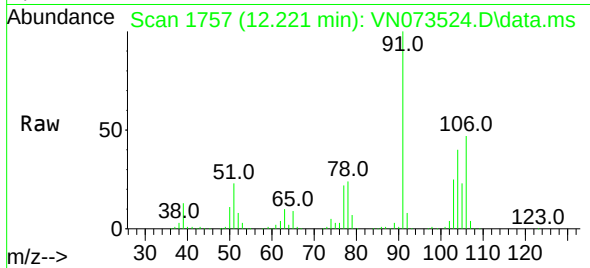
#69
o-Xylene
Concen: 51.395 ug/l
RT: 12.221 min Scan# 1756
Delta R.T. 0.005 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 239885
Ion Ratio Lower Upper
106 100
91 214.4 106.0 318.0

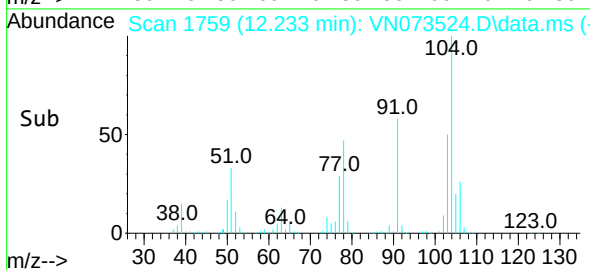
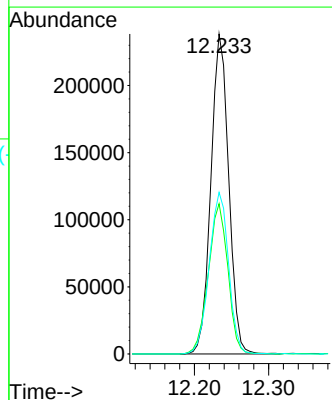
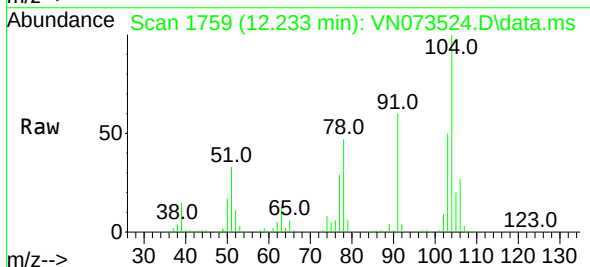
Manual Integrations
APPROVED

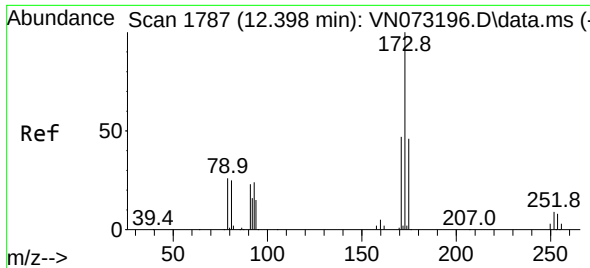
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#70
Styrene
Concen: 55.274 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

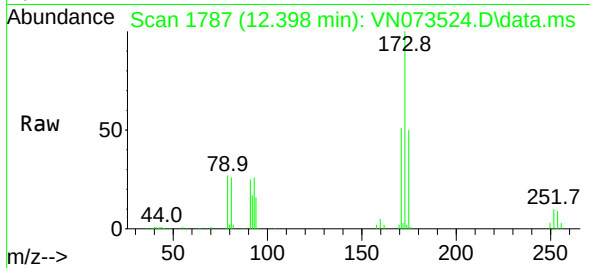
Tgt Ion:104 Resp: 398317
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 55.0 44.0 66.0





#71
Bromoform
Concen: 56.970 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

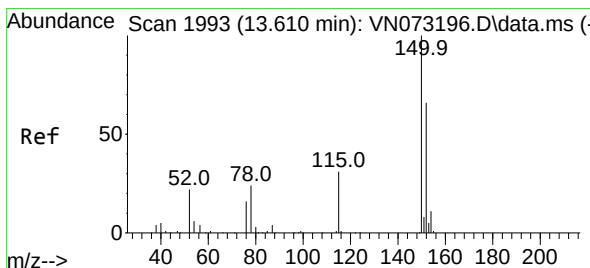
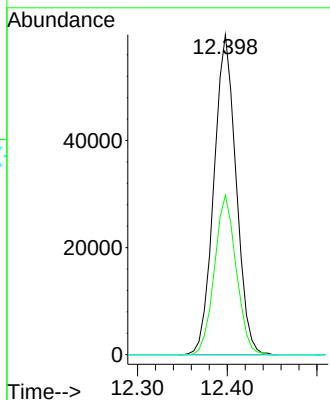
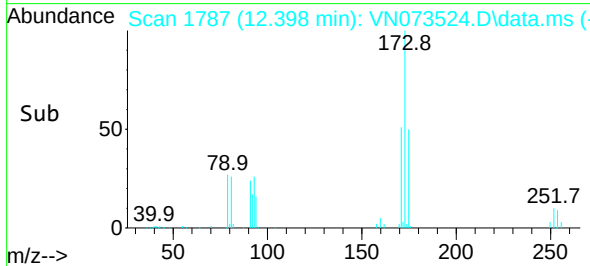
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



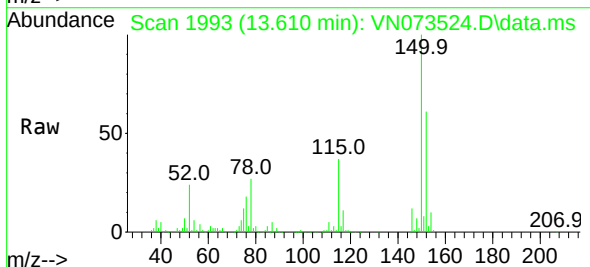
Tgt Ion:173 Resp: 102319
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

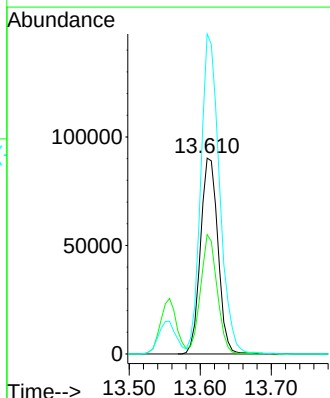
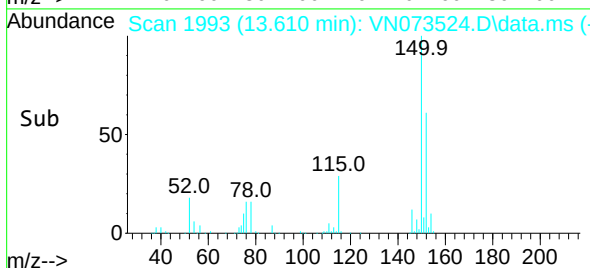
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

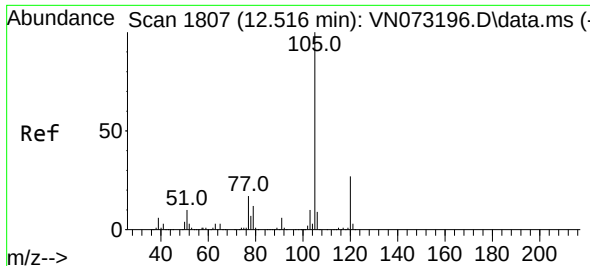


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



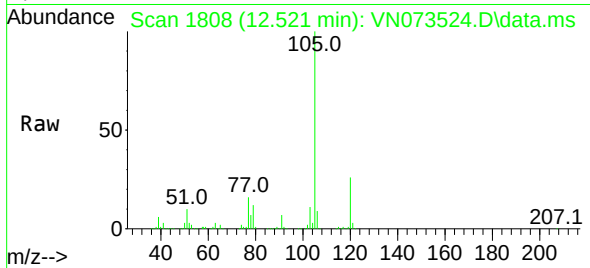
Tgt Ion:152 Resp: 154836
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 174.9 0.0 356.2





#73
Isopropylbenzene
Concen: 46.243 ug/l
RT: 12.521 min Scan# 1807
Delta R.T. 0.005 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

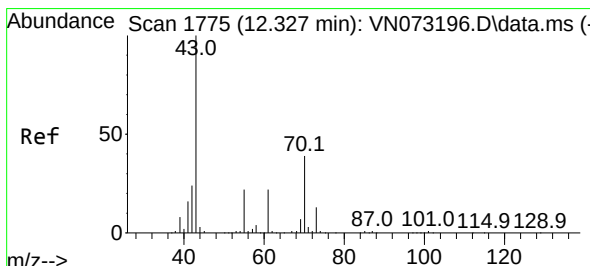
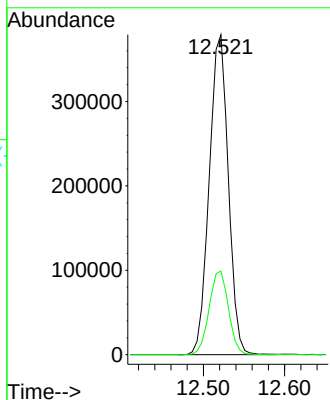
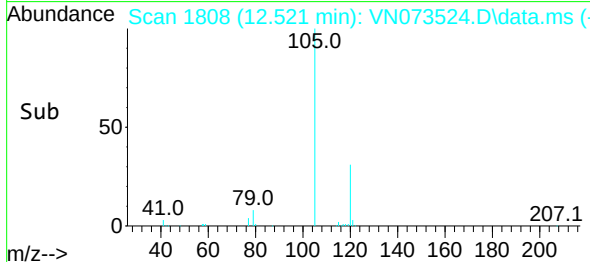
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



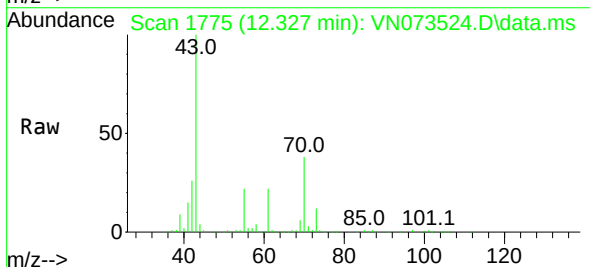
Tgt Ion:105 Resp: 61830
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

Manual Integrations
APPROVED

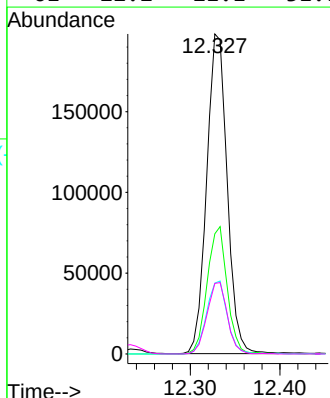
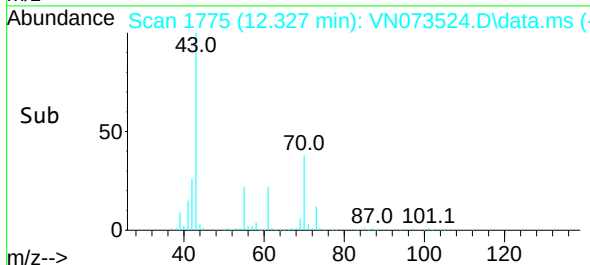
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

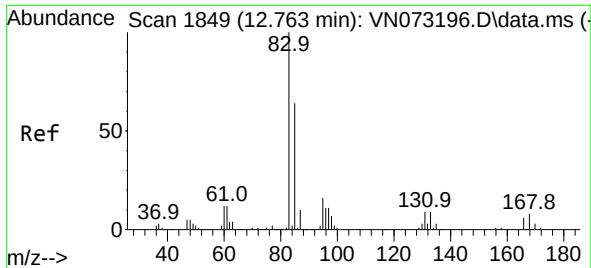


#74
N-ethyl acetate
Concen: 46.895 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



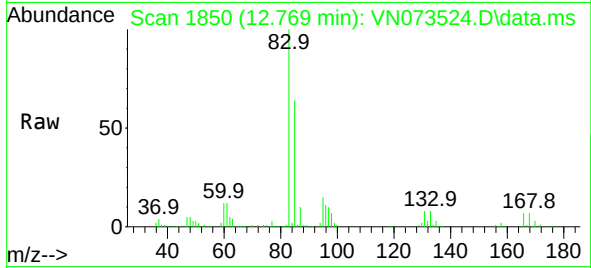
Tgt Ion: 43 Resp: 313965
Ion Ratio Lower Upper
43 100
70 39.0 39.0 58.4
55 23.1 21.1 31.7
61 22.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.056 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

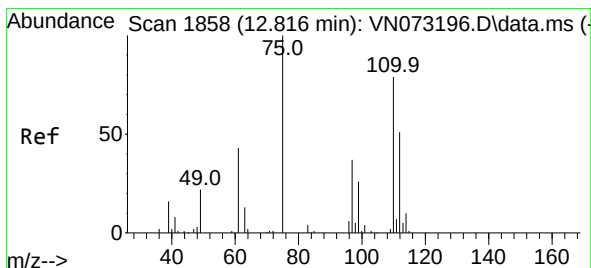
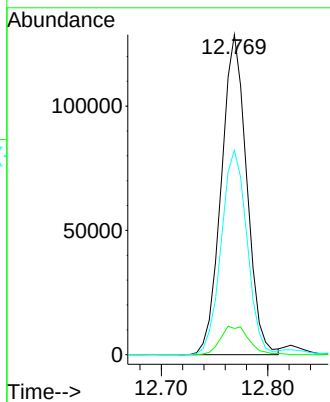
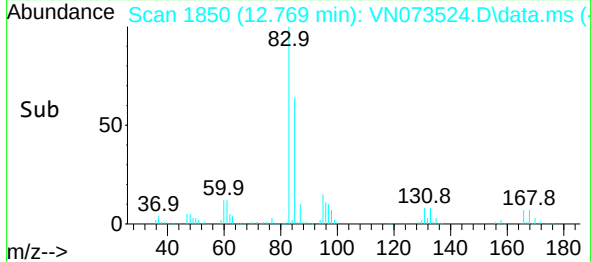
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 21322
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 65.0 32.3 96.9

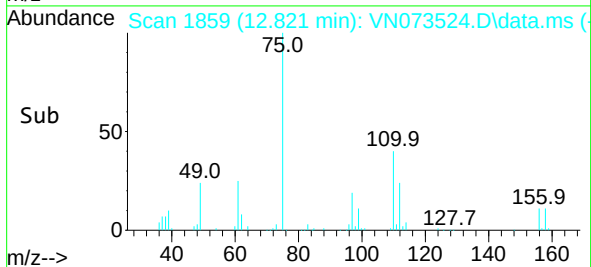
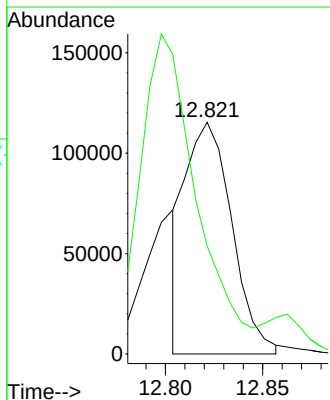
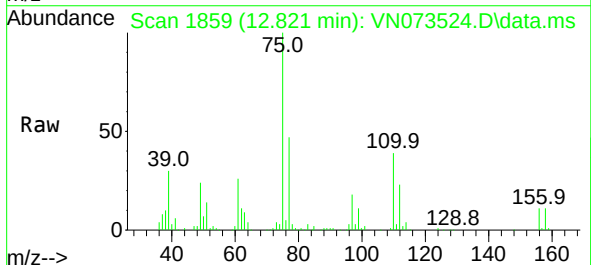
Manual Integrations
APPROVED

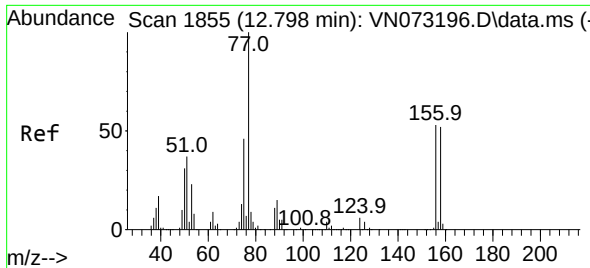
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#76
1,2,3-Trichloropropane
Concen: 47.534 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

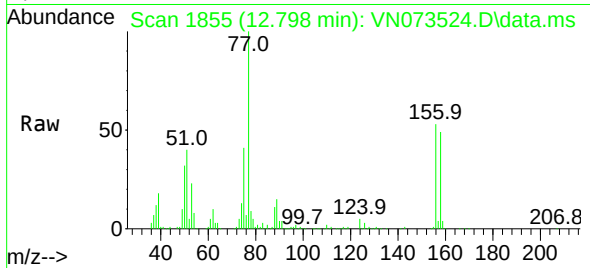
Tgt Ion: 75 Resp: 192449
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 46.291 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

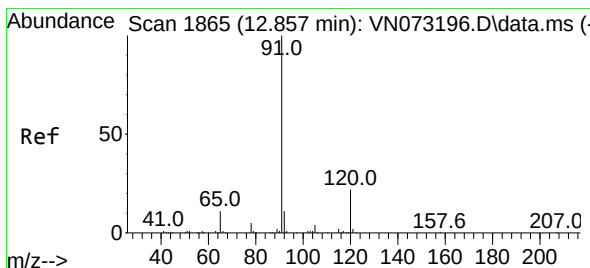
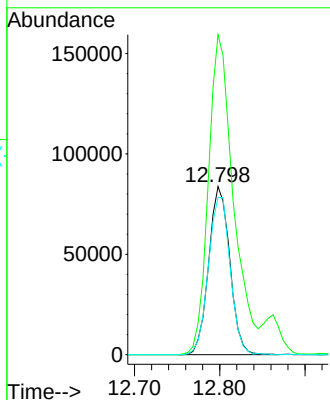
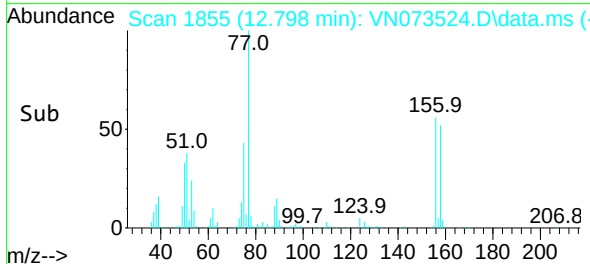
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



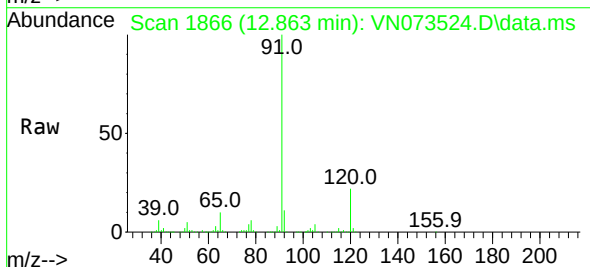
Tgt Ion:156 Resp: 143904
Ion Ratio Lower Upper
156 100
77 226.0 100.5 301.5
158 97.4 48.9 146.6

Manual Integrations
APPROVED

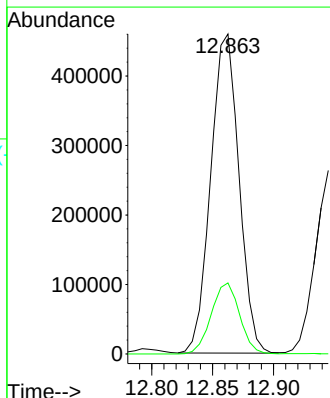
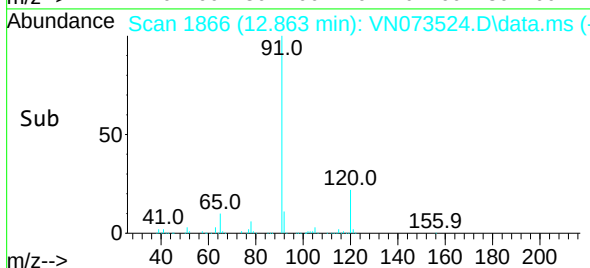
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

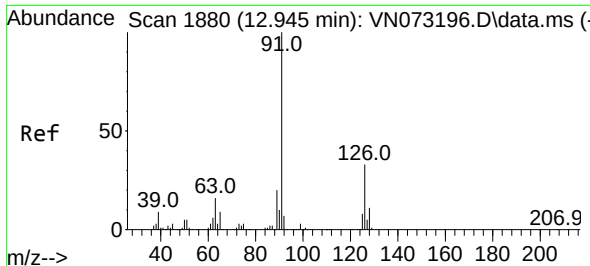


#78
n-propylbenzene
Concen: 50.019 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



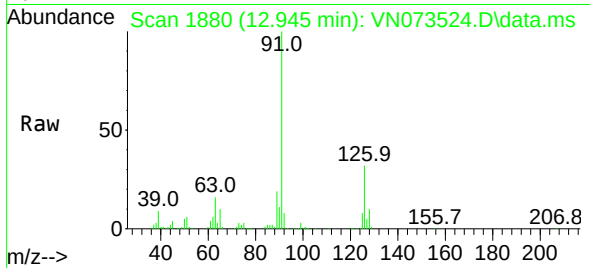
Tgt Ion: 91 Resp: 742970
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5





#79
2-Chlorotoluene
Concen: 46.785 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

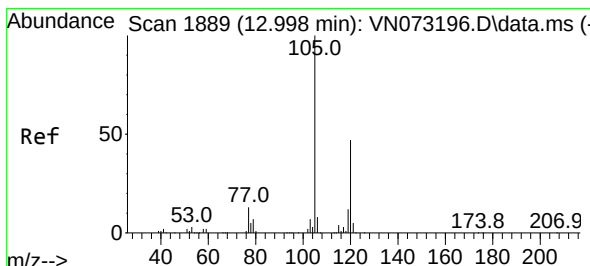
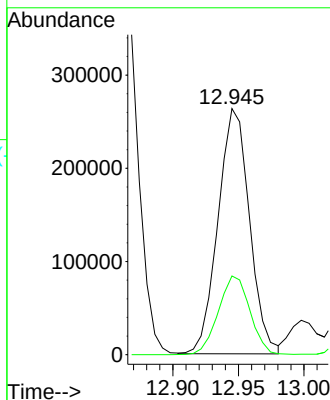
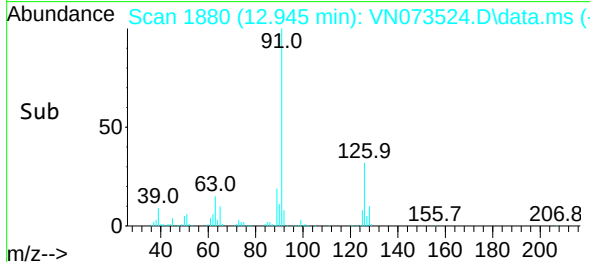
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



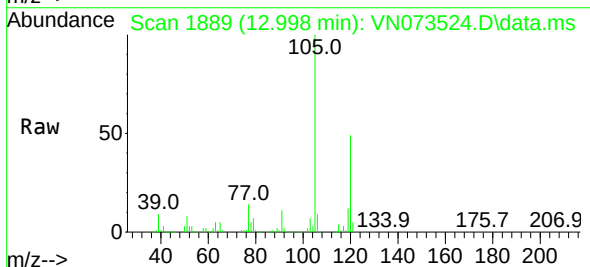
Tgt Ion: 91 Resp: 439820
Ion Ratio Lower Upper
91 100
126 32.2 17.3 51.9

Manual Integrations
APPROVED

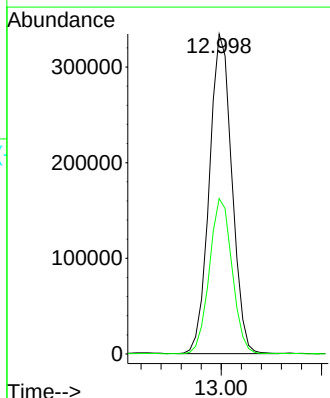
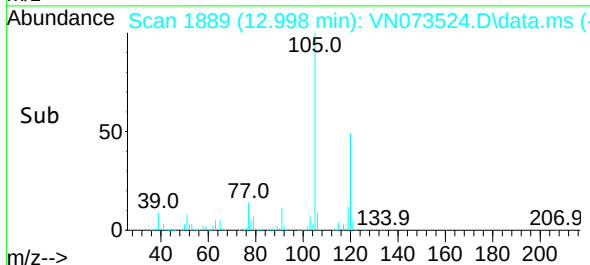
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

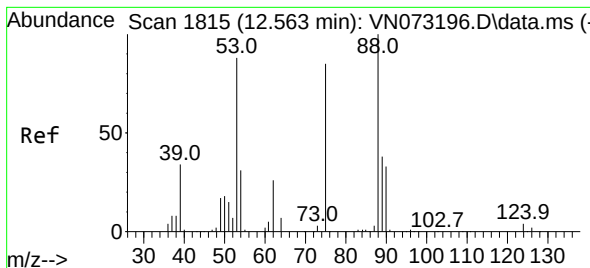


#80
1,3,5-Trimethylbenzene
Concen: 48.000 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



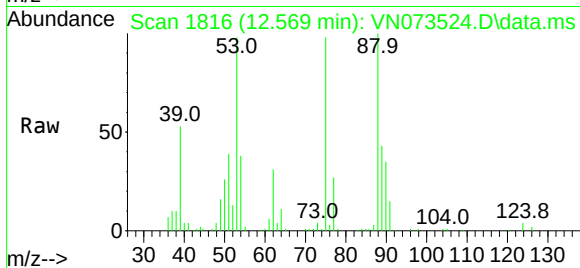
Tgt Ion:105 Resp: 523110
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 44.935 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

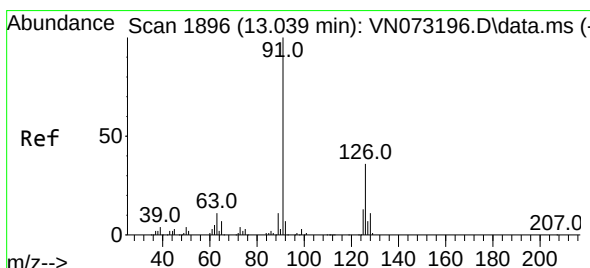
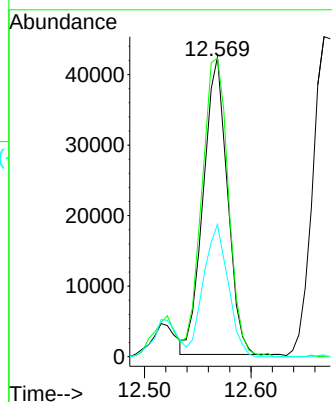
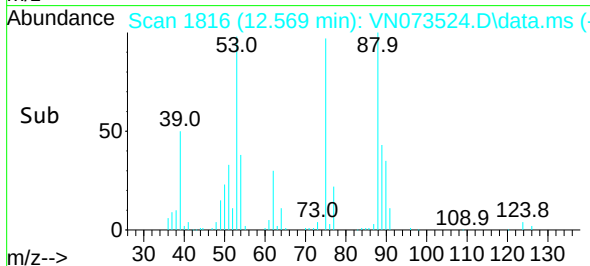
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



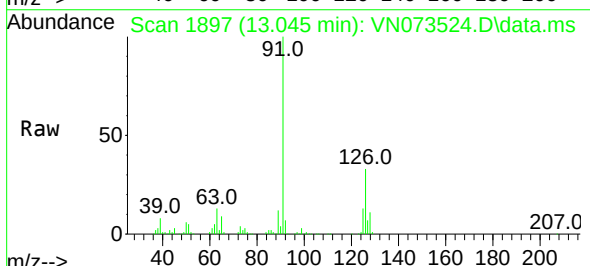
Tgt Ion: 75 Resp: 66337
Ion Ratio Lower Upper
75 100
53 111.2 78.0 117.0
89 45.6 37.2 55.8

Manual Integrations
APPROVED

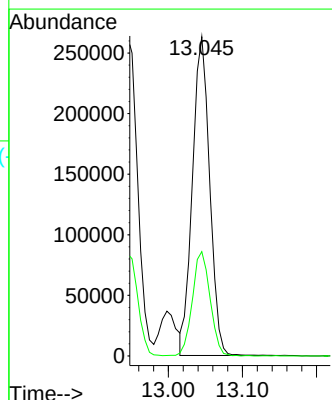
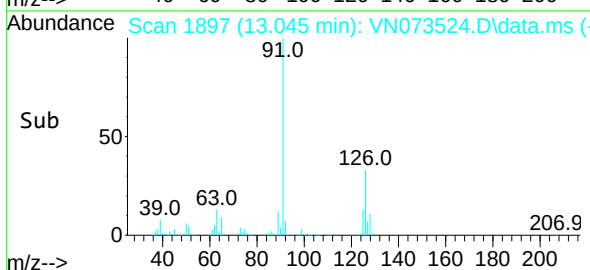
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

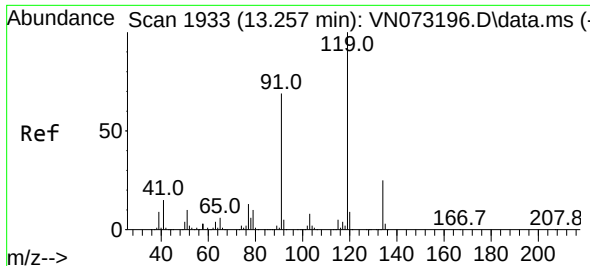


#82
4-Chlorotoluene
Concen: 46.579 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



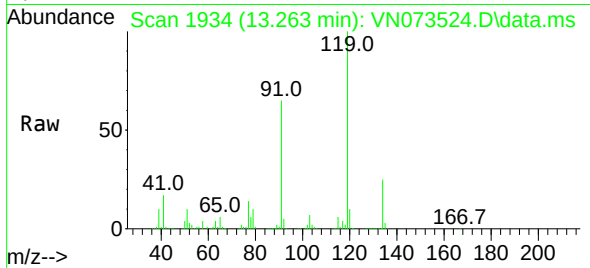
Tgt Ion: 91 Resp: 423937
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 45.806 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

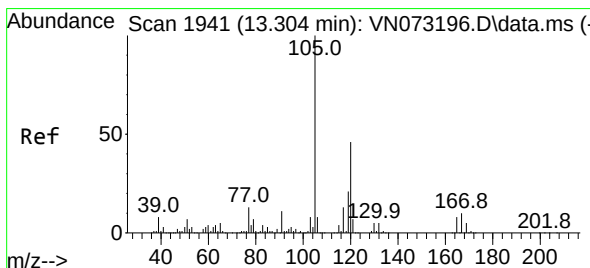
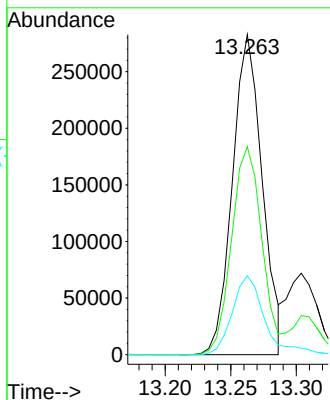
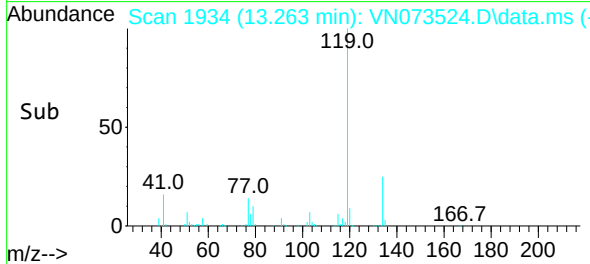
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 447542
Ion Ratio Lower Upper
119 100
91 67.2 31.6 94.8
134 26.7 13.7 41.1

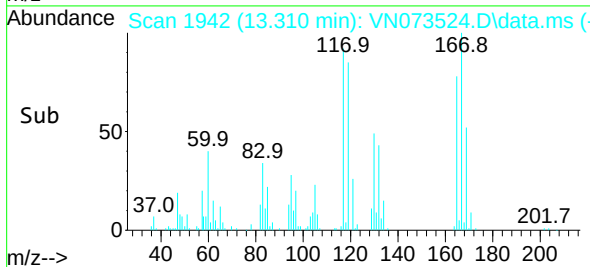
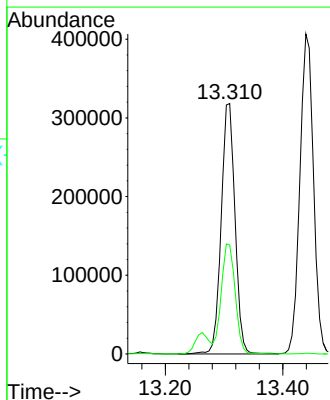
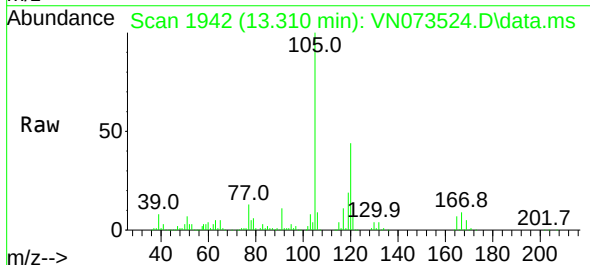
Manual Integrations
APPROVED

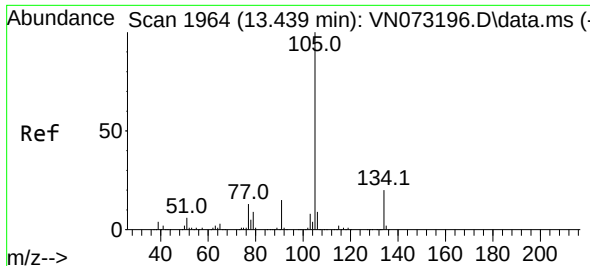
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 47.809 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

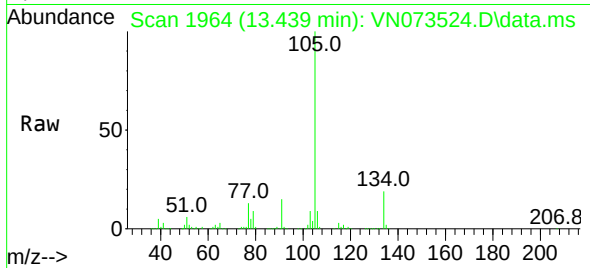
Tgt Ion:105 Resp: 520203
Ion Ratio Lower Upper
105 100
120 44.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 49.854 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073524.D
 Acq: 20 Jul 2022 15:34

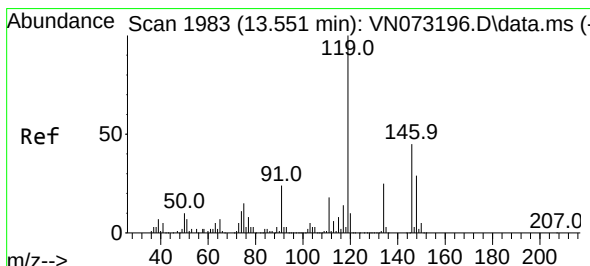
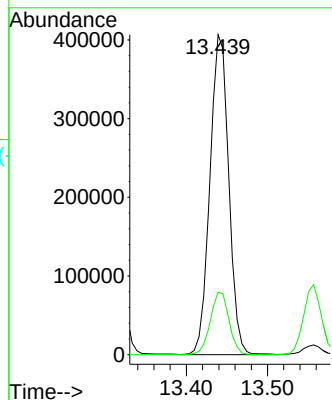
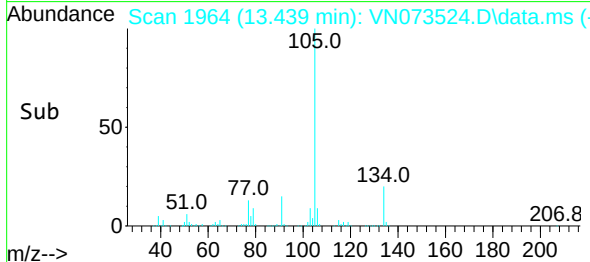
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



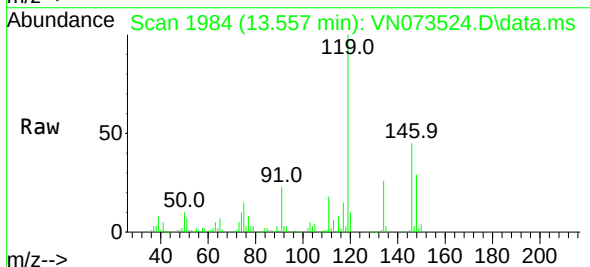
Tgt Ion:105 Resp: 654072
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
 APPROVED

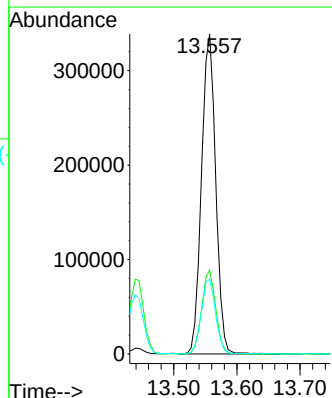
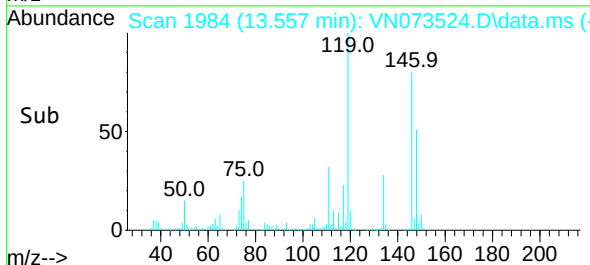
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

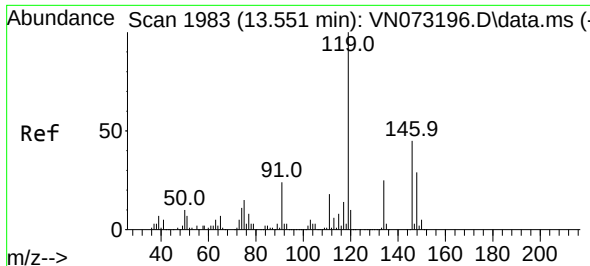


#86
 p-Isopropyltoluene
 Concen: 49.879 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073524.D
 Acq: 20 Jul 2022 15:34



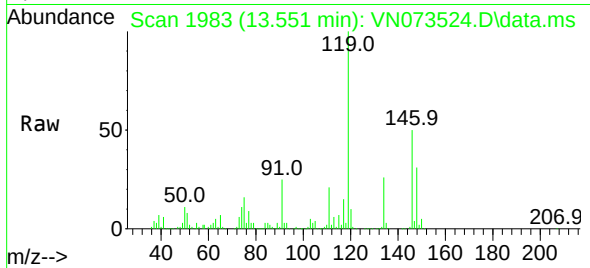
Tgt Ion:119 Resp: 528633
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 24.0 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.511 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

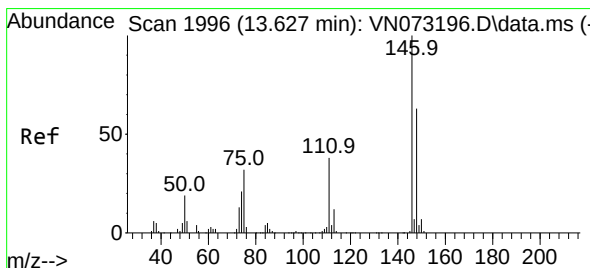
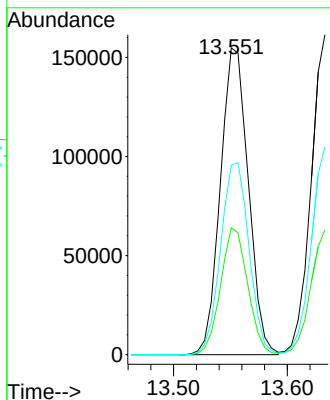
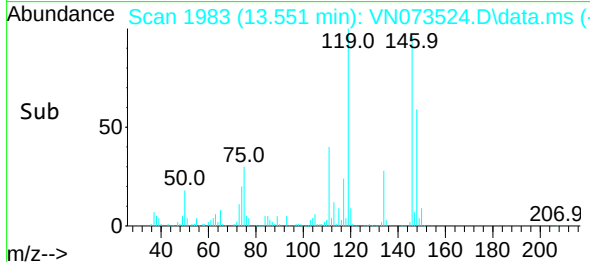
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



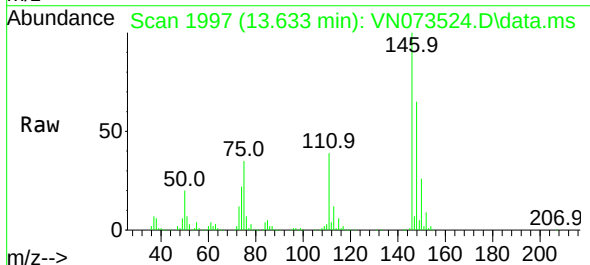
Tgt Ion:146 Resp: 264960
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

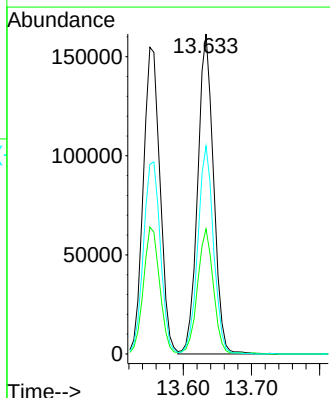
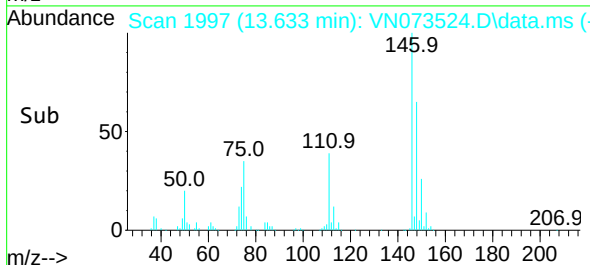
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

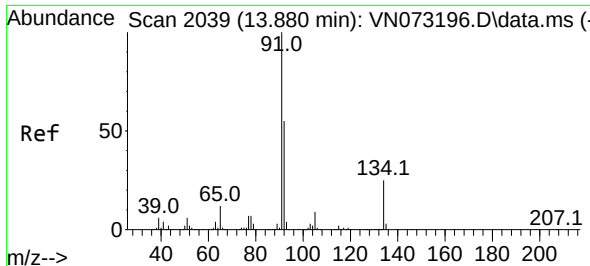


#88
1,4-Dichlorobenzene
Concen: 46.786 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



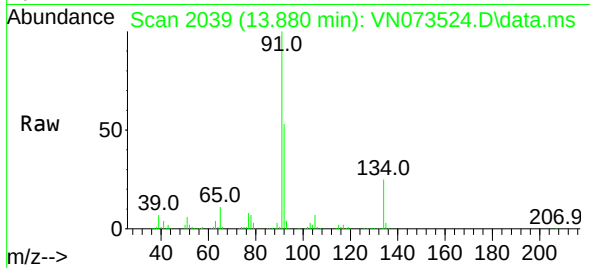
Tgt Ion:146 Resp: 261430
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 64.3 31.4 94.3





#89
n-Butylbenzene
Concen: 50.771 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

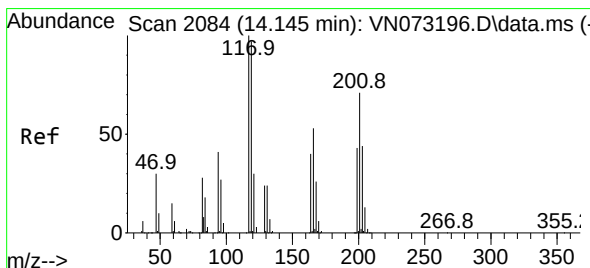
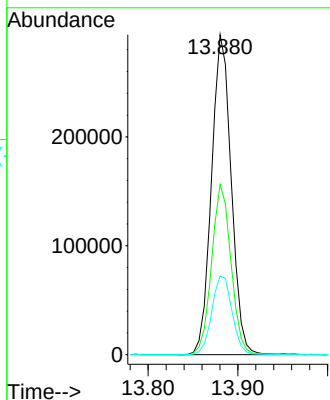
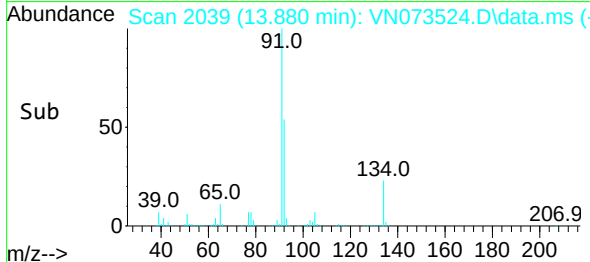
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



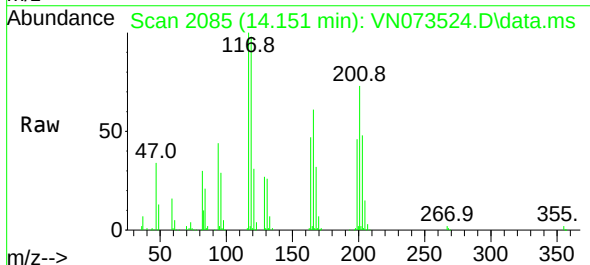
Tgt Ion: 91 Resp: 448384
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 25.3 13.6 40.8

Manual Integrations
APPROVED

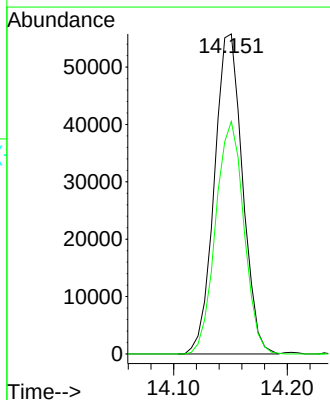
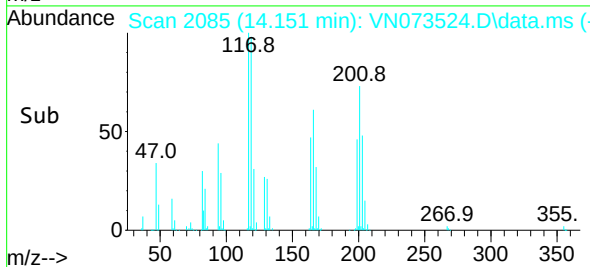
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

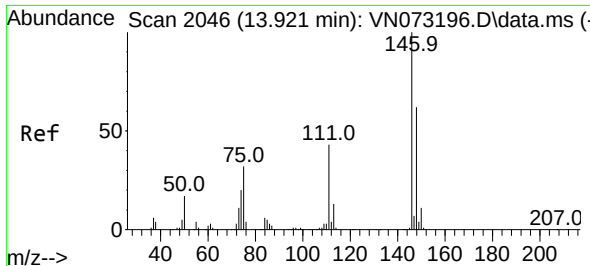


#90
Hexachloroethane
Concen: 48.592 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34



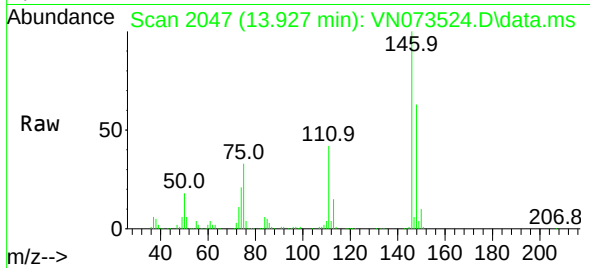
Tgt Ion:117 Resp: 95975
Ion Ratio Lower Upper
117 100
201 72.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 47.055 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

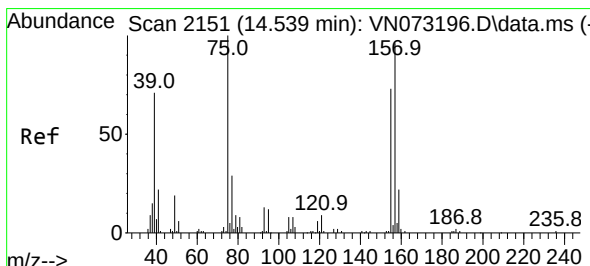
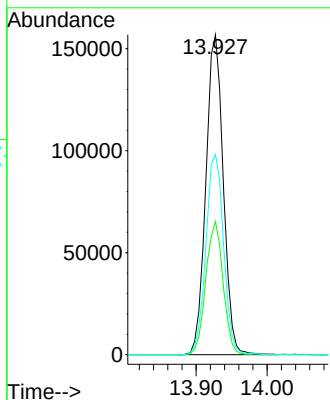
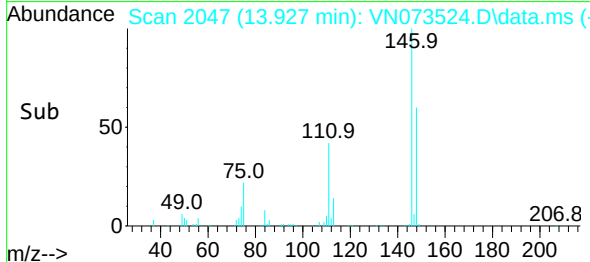
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 26732
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 63.8 32.1 96.3

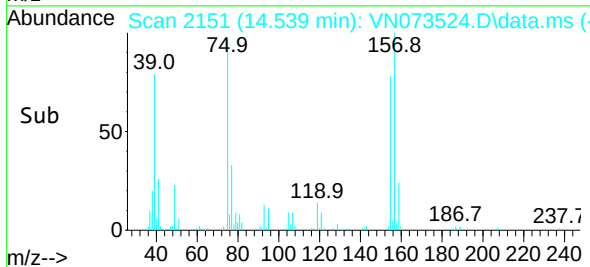
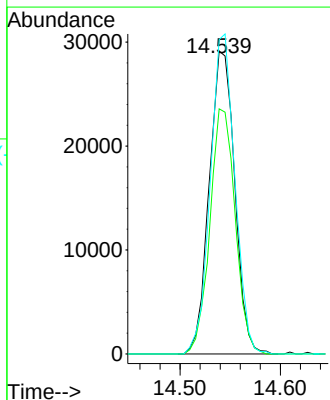
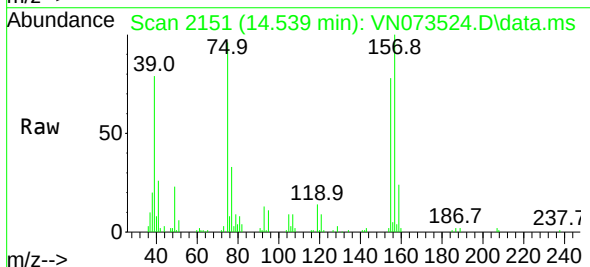
Manual Integrations
APPROVED

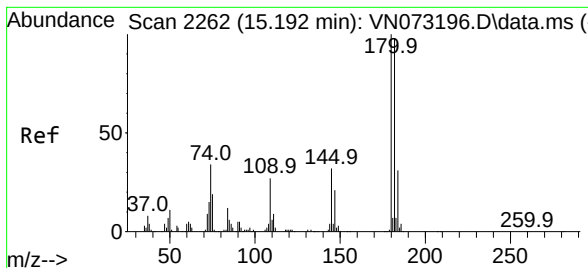
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.624 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073524.D
Acq: 20 Jul 2022 15:34

Tgt Ion: 75 Resp: 51358
Ion Ratio Lower Upper
75 100
155 80.2 44.9 134.5
157 101.7 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 47.697 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 14109

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

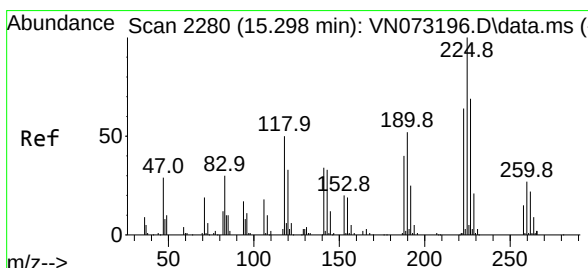
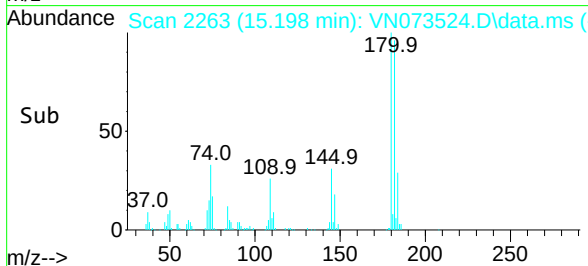
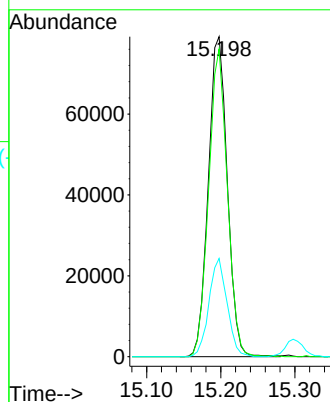
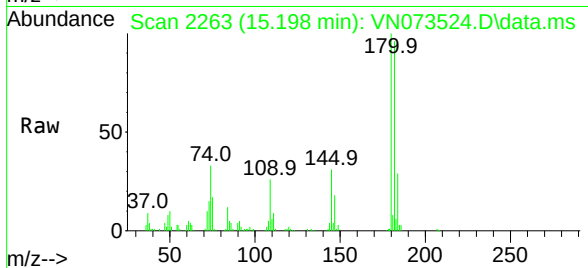
145 29.3 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#94

Hexachlorobutadiene

Concen: 54.554 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

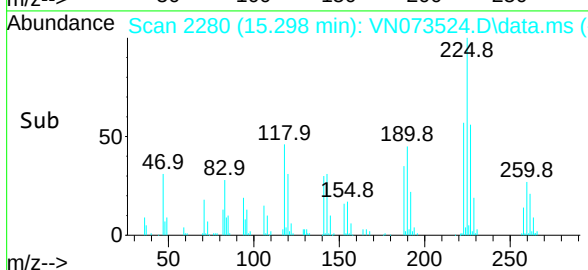
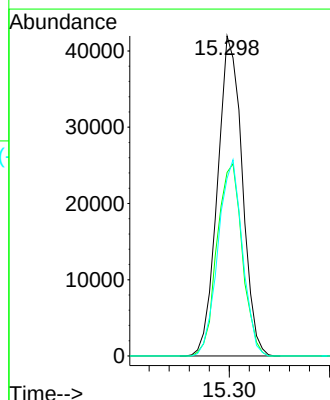
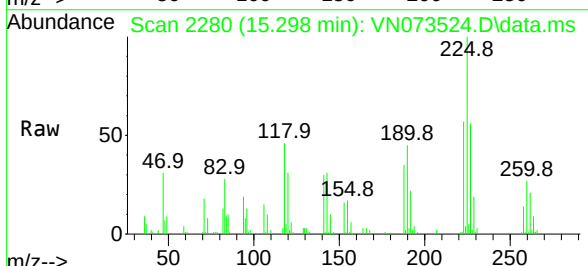
Tgt Ion:225 Resp: 71737

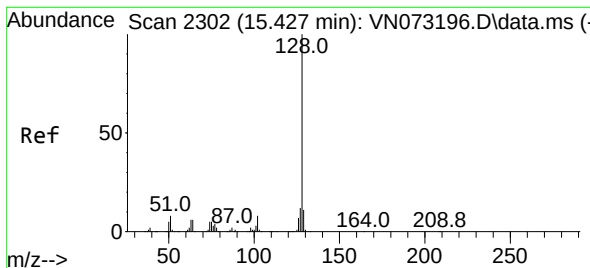
Ion Ratio Lower Upper

225 100

223 61.5 32.4 97.2

227 60.3 31.8 95.4





#95

Naphthalene

Concen: 42.353 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 50541

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

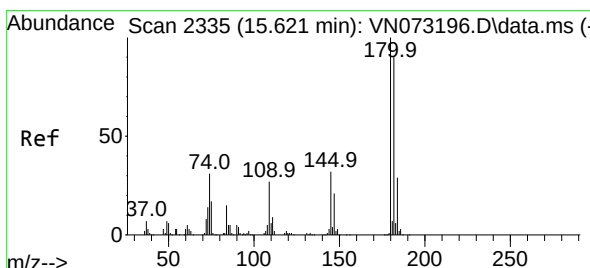
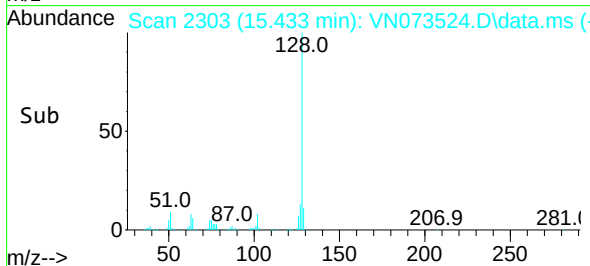
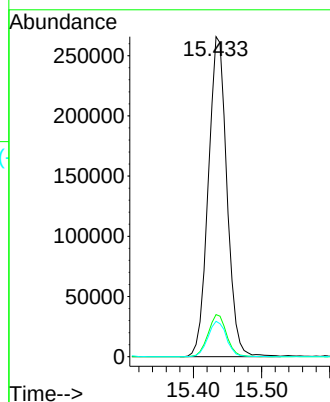
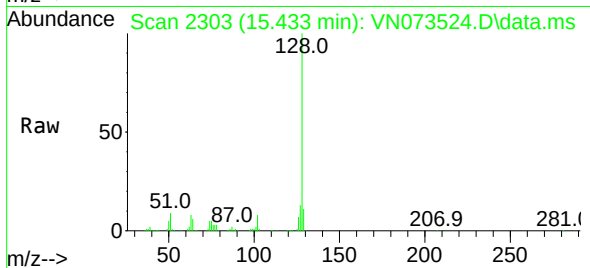
129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 47.583 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073524.D

Acq: 20 Jul 2022 15:34

Tgt Ion:180 Resp: 145196

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.3

145 32.0 15.5 46.5

