

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073487.D
 Acq On : 15 Jul 2022 17:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

Quant Time: Jul 16 04:14:12 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

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	218365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	378138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	351907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	173736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	166414	52.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.580%			
35) Dibromofluoromethane	7.945	113	131510	52.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	10.375	98	444669	49.765	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.669	95	188806	54.985	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	144704	45.326	ug/l	99
3) Chloromethane	2.263	50	137387	44.326	ug/l	99
4) Vinyl Chloride	2.404	62	115596	43.894	ug/l	98
5) Bromomethane	2.781	94	69192	55.627	ug/l	98
6) Chloroethane	2.946	64	72689	46.921	ug/l	90
7) Trichlorofluoromethane	3.304	101	212785	46.736	ug/l	100
8) Diethyl Ether	3.763	74	93776	50.597	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.134	101	128866	47.902	ug/l	96
10) Methyl Iodide	4.340	142	135863	42.326	ug/l	94
11) Tert butyl alcohol	5.287	59	198262	259.628	ug/l	100
12) 1,1-Dichloroethene	4.104	96	117495	45.707	ug/l	94
13) Acrolein	3.975	56	72674	150.566	ug/l	97
14) Allyl chloride	4.751	41	271899	50.209	ug/l #	91
15) Acrylonitrile	5.463	53	545110	277.296	ug/l	98
16) Acetone	4.216	43	484768	273.964	ug/l	97
17) Carbon Disulfide	4.446	76	260619	39.100	ug/l	100
18) Methyl Acetate	4.769	43	299376	60.374	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	490141	52.316	ug/l	100
20) Methylene Chloride	5.010	84	151354	48.672	ug/l	88
21) trans-1,2-Dichloroethene	5.510	96	124946	46.518	ug/l	91
22) Diisopropyl ether	6.404	45	562427	55.658	ug/l #	95
23) Vinyl Acetate	6.345	43	2395236	264.746	ug/l #	92
24) 1,1-Dichloroethane	6.298	63	274788	52.548	ug/l	98
25) 2-Butanone	7.251	43	802038	284.696	ug/l #	87
26) 2,2-Dichloropropane	7.239	77	210592	43.543	ug/l	99
27) cis-1,2-Dichloroethene	7.239	96	159016	48.888	ug/l	93
28) Bromochloromethane	7.581	49	125963	57.516	ug/l #	81
29) Tetrahydrofuran	7.604	42	535109	277.405	ug/l #	85
30) Chloroform	7.739	83	274047	52.032	ug/l	99
31) Cyclohexane	8.016	56	226029	43.781	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	235454	50.164	ug/l	100
36) 1,1-Dichloropropene	8.145	75	188665	48.737	ug/l	97
37) Ethyl Acetate	7.328	43	311147	53.196	ug/l #	94
38) Carbon Tetrachloride	8.128	117	188887	47.184	ug/l	99
39) Methylcyclohexane	9.392	83	224785	46.641	ug/l	95
40) Benzene	8.386	78	596034	49.891	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	162707	57.358	ug/l #	82
42) 1,2-Dichloroethane	8.457	62	221206	51.080	ug/l	97
43) Isopropyl Acetate	8.492	43	459372	54.647	ug/l #	92
44) Trichloroethene	9.145	130	140636	46.259	ug/l	87
45) 1,2-Dichloropropane	9.422	63	158296	51.986	ug/l	97
46) Dibromomethane	9.510	93	103342	49.984	ug/l	92
47) Bromodichloromethane	9.698	83	214795	53.640	ug/l	99
48) Methyl methacrylate	9.492	41	201598	51.796	ug/l	90
49) 1,4-Dioxane	9.498	88	81268	1099.882	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	1552909	291.308	ug/l	90
52) Toluene	10.439	92	368059	49.852	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	231224	52.453	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	249073	52.336	ug/l #	87
55) 1,1,2-Trichloroethane	10.833	97	155112	51.032	ug/l	96
56) Ethyl methacrylate	10.698	69	263392	53.614	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	274126	52.611	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.975	63	619763	282.866	ug/l	92
59) 2-Hexanone	11.022	43	1166185	286.989	ug/l	90
60) Dibromochloromethane	11.174	129	159870	55.167	ug/l	100
61) 1,2-Dibromoethane	11.280	107	158117	52.081	ug/l	99
64) Tetrachloroethene	10.910	164	129281	44.990	ug/l	95
65) Chlorobenzene	11.710	112	389714	48.966	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	144959	49.518	ug/l	99
67) Ethyl Benzene	11.780	91	728136	50.393	ug/l	95
68) m/p-Xylenes	11.892	106	546222	100.168	ug/l	95
69) o-Xylene	12.216	106	274003	49.221	ug/l	97
70) Styrene	12.233	104	451775	52.564	ug/l	98
71) Bromoform	12.398	173	115141	53.753	ug/l #	96
73) Isopropylbenzene	12.516	105	717447	47.821	ug/l	99
74) N-amyl acetate	12.327	43	362211	48.216	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	248031	49.820	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	212591m	46.797	ug/l	
77) Bromobenzene	12.798	156	159581	45.750	ug/l	84
78) n-propylbenzene	12.857	91	845596	50.735	ug/l	97
79) 2-Chlorotoluene	12.945	91	504194	47.797	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	602390	49.261	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.563	75	78561	47.426	ug/l	90
82) 4-Chlorotoluene	13.045	91	491577	48.136	ug/l	97
83) tert-Butylbenzene	13.263	119	531431	48.475	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	594282	48.676	ug/l	97
85) sec-Butylbenzene	13.439	105	751171	51.027	ug/l	98
86) p-Isopropyltoluene	13.557	119	618810	52.036	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	296838	47.436	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	293878	46.871	ug/l	97
89) n-Butylbenzene	13.880	91	527626	53.245	ug/l	98
90) Hexachloroethane	14.145	117	108636	49.019	ug/l	84
91) 1,2-Dichlorobenzene	13.921	146	302891	47.515	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	59123	48.860	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	163818	49.355	ug/l	99
94) Hexachlorobutadiene	15.298	225	68786	46.619	ug/l	99
95) Naphthalene	15.433	128	620806	46.363	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	164893	48.159	ug/l	98

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

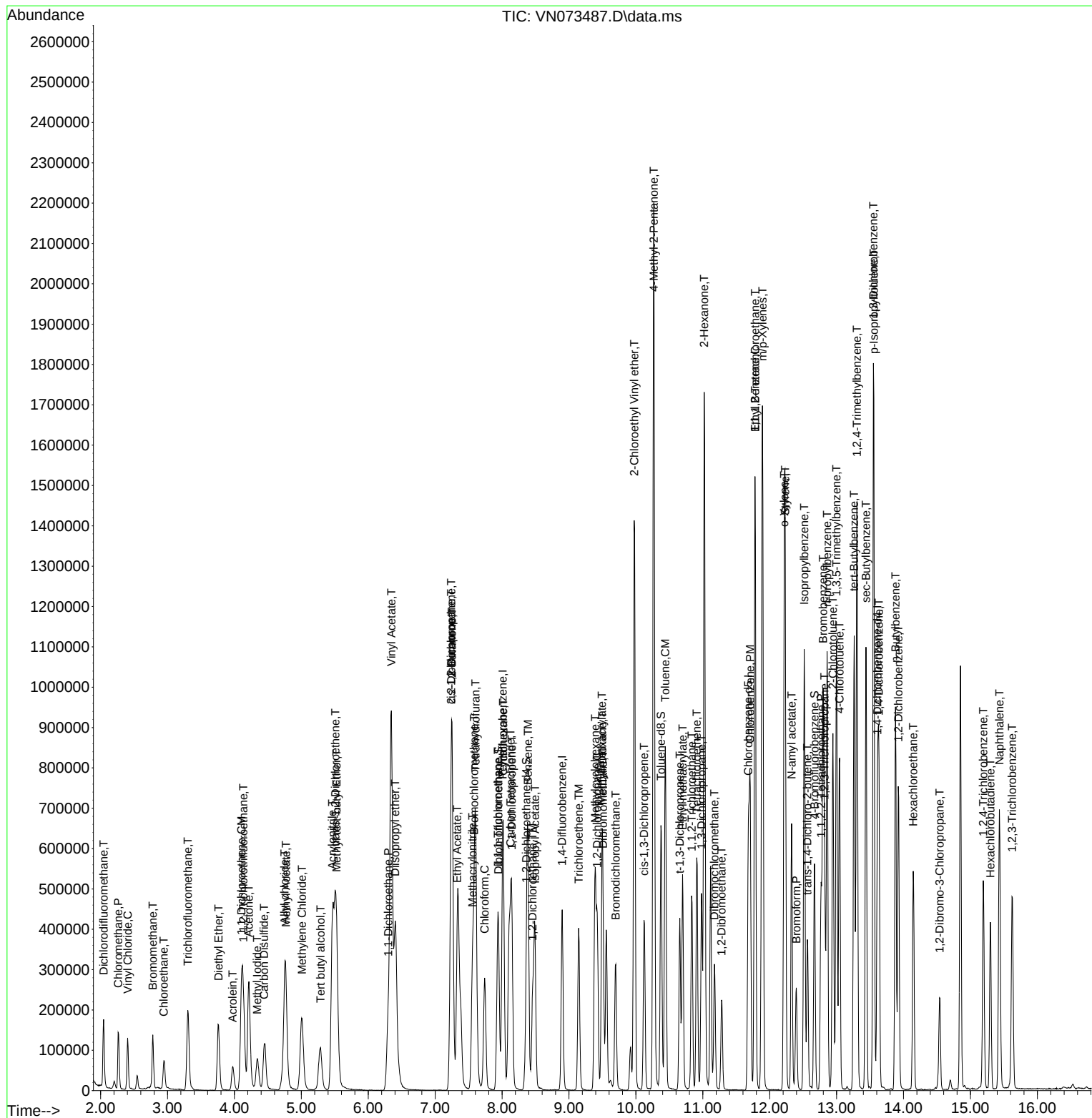
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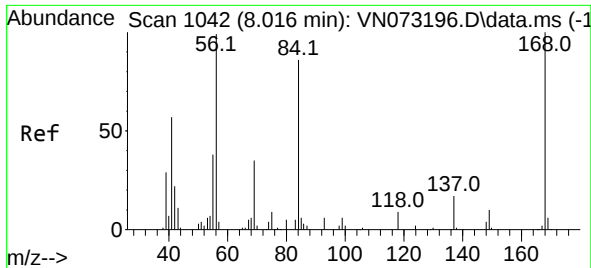
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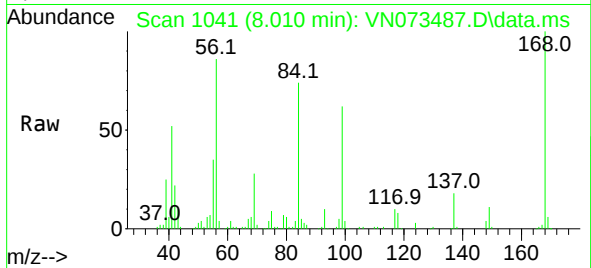
Reviewed By :John Carlone 07/18/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073487.D
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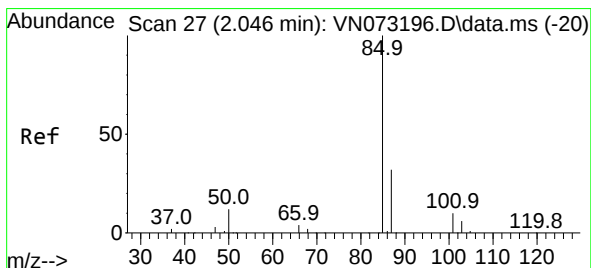
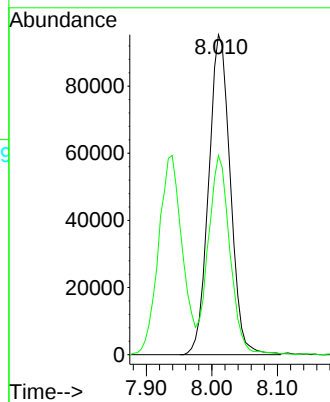
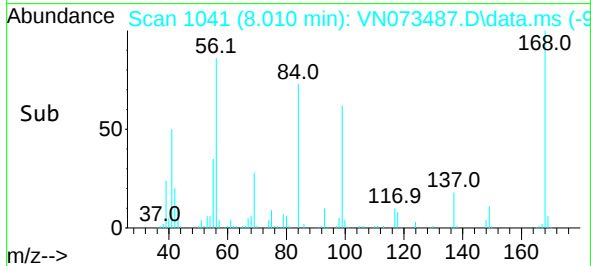
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 21836
Ion Ratio Lower Upper
168 100
99 61.9 42.3 63.5

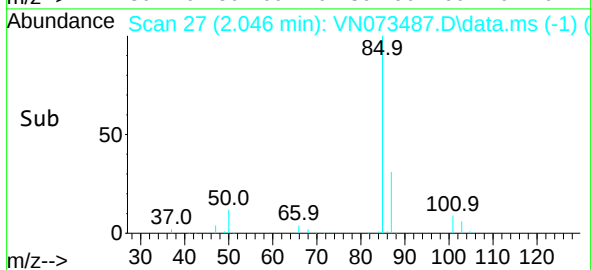
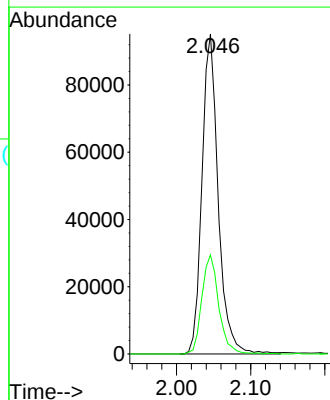
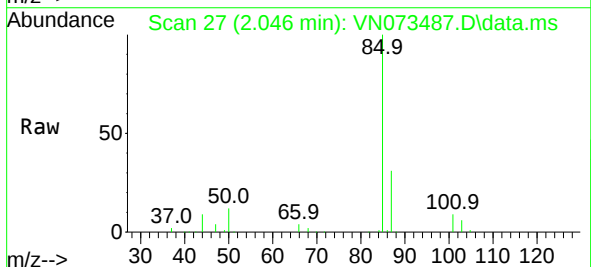
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 45.326 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

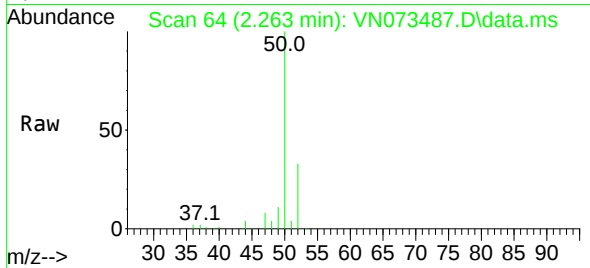
Tgt Ion: 85 Resp: 144704
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.1





#3
Chloromethane
Concen: 44.326 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

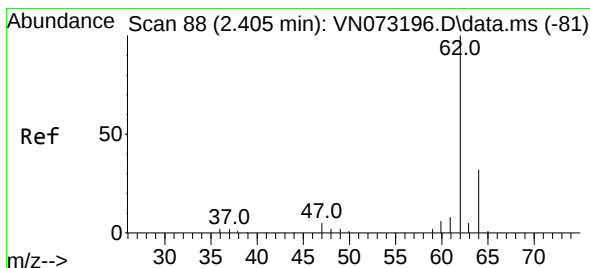
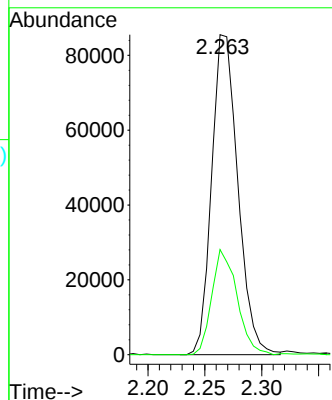
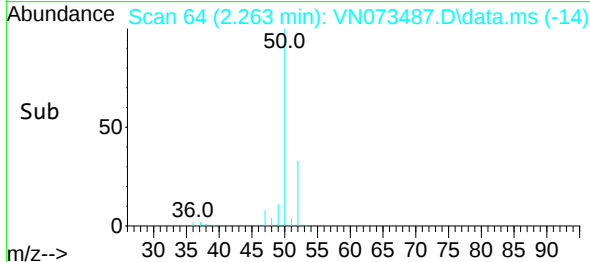
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 13738
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5

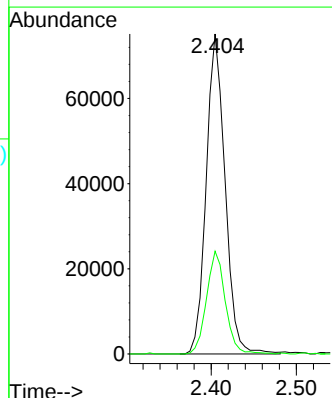
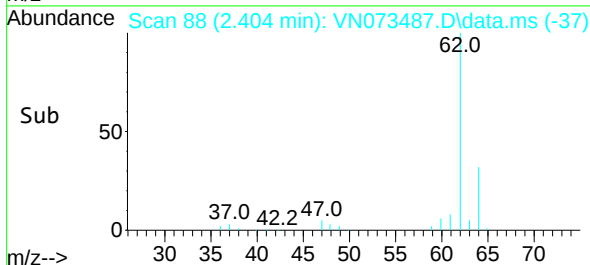
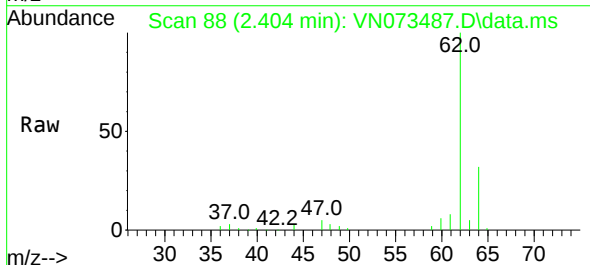
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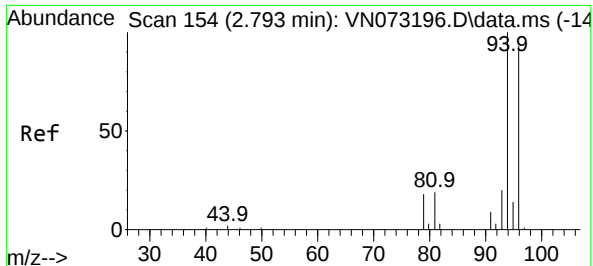
Reviewed By :John Carlone 07/18/2022
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#4
Vinyl Chloride
Concen: 43.894 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

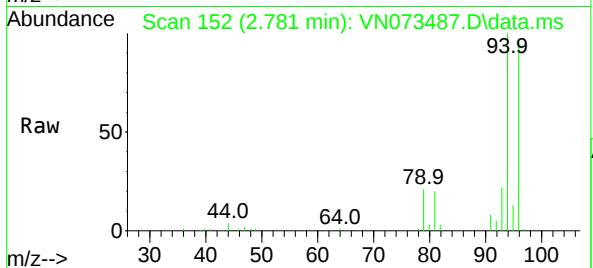
Tgt Ion: 62 Resp: 115596
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





#5
Bromomethane
Concen: 55.627 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

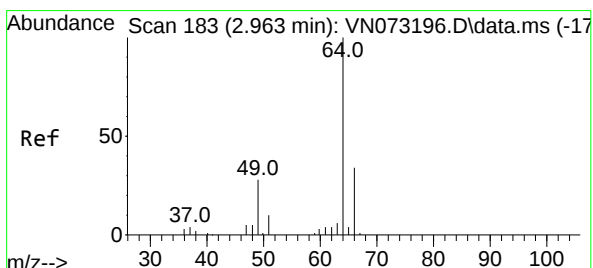
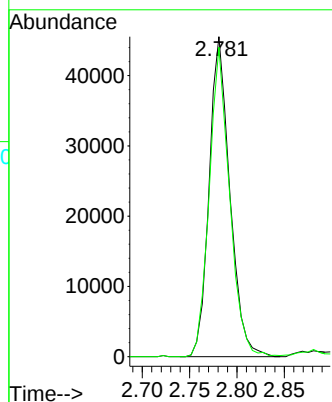
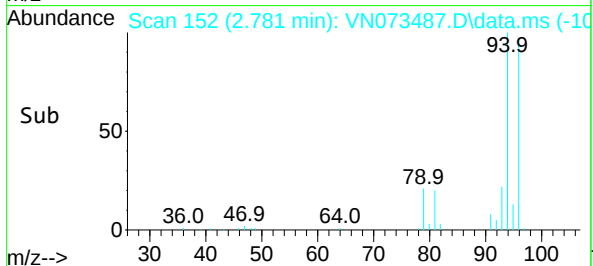
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Tgt Ion: 94 Resp: 69192
Ion Ratio Lower Upper
94 100
96 96.7 76.0 114.0

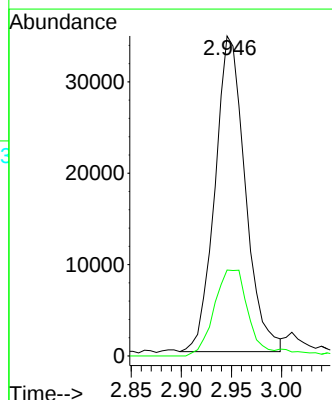
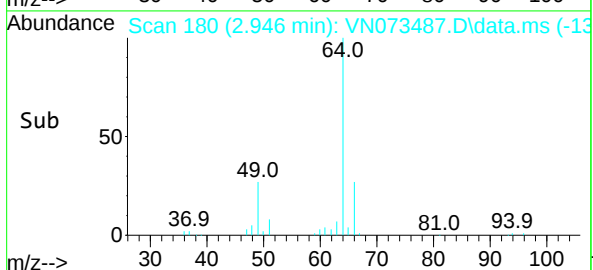
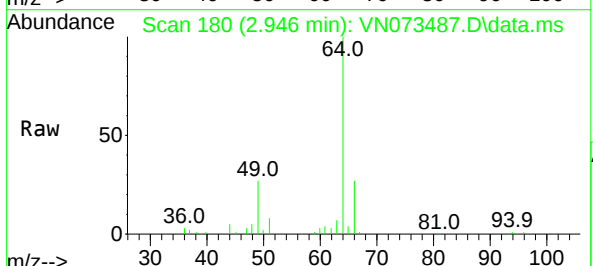
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#6
Chloroethane
Concen: 46.921 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.017 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

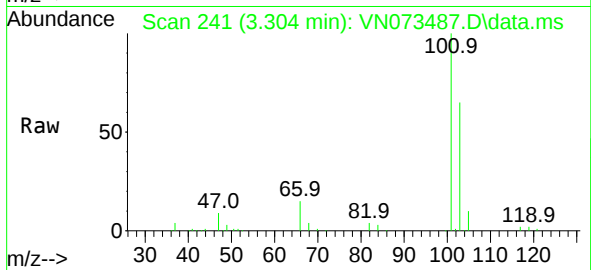
Tgt Ion: 64 Resp: 72689
Ion Ratio Lower Upper
64 100
66 27.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 46.736 ug/l
RT: 3.304 min Scan# 243
Delta R.T. -0.012 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

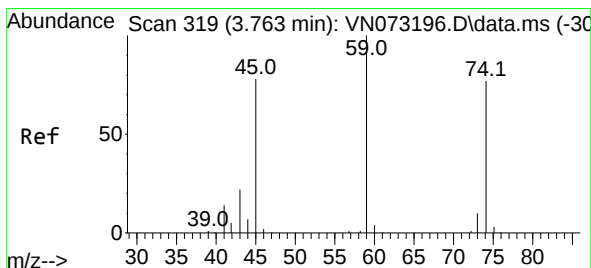
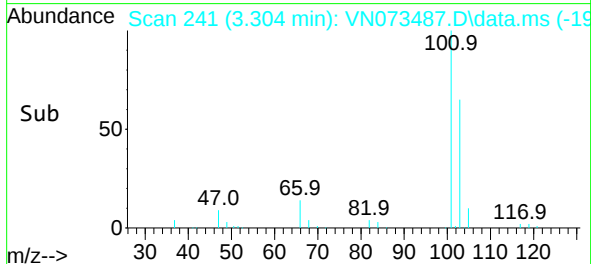
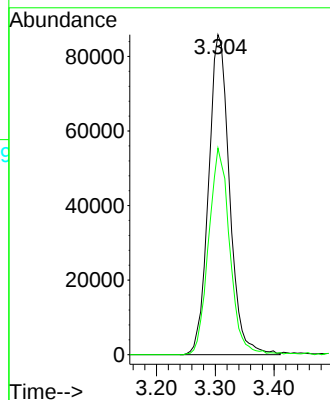
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 212785
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

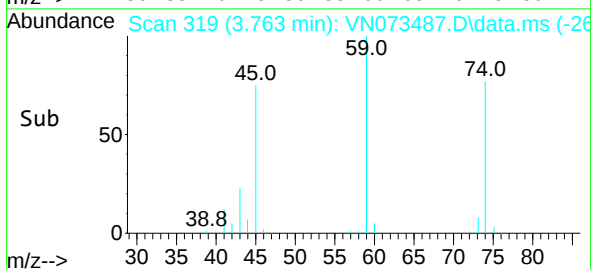
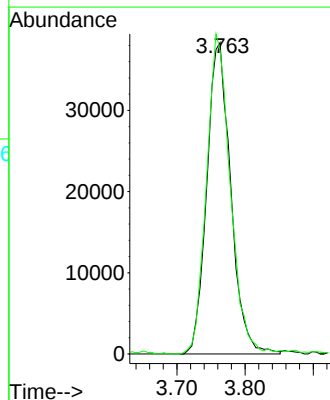
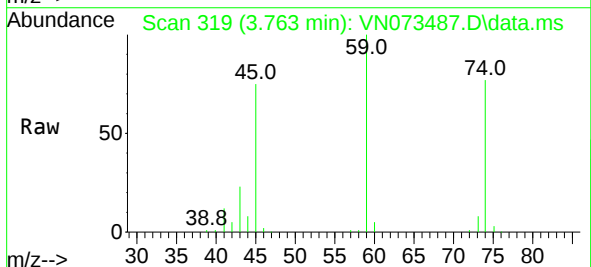
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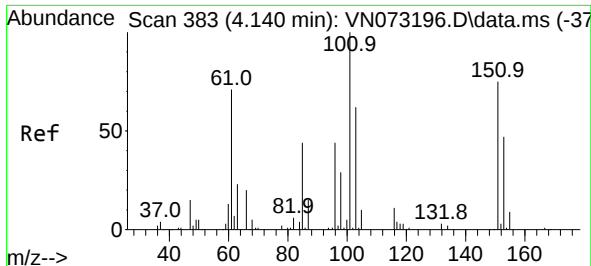
Reviewed By :John Carlone 07/18/2022
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#8
Diethyl Ether
Concen: 50.597 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

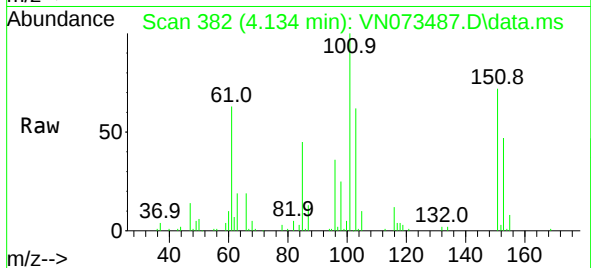
Tgt Ion: 74 Resp: 93776
Ion Ratio Lower Upper
74 100
45 102.0 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.902 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

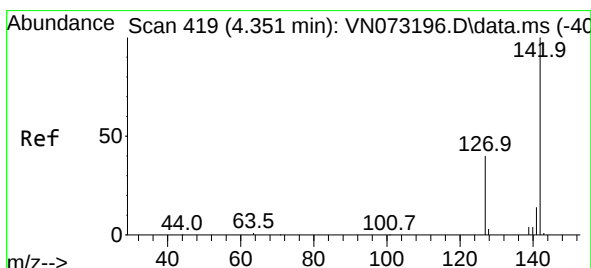
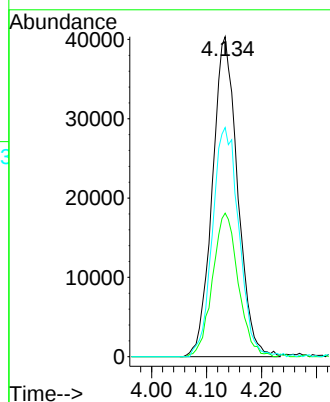
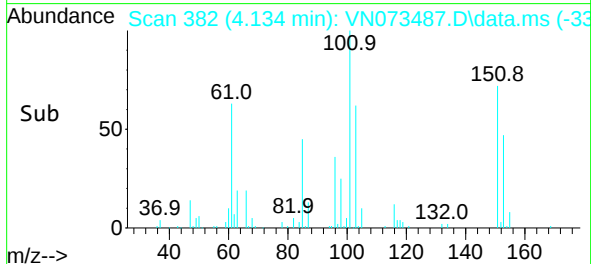
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



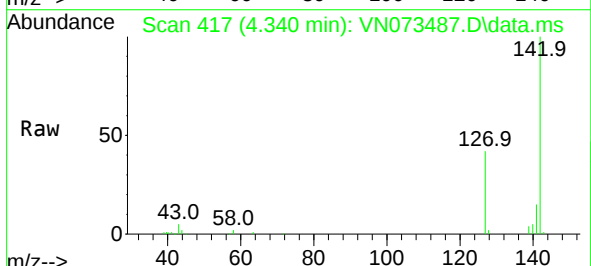
Tgt Ion:101 Resp: 128860
Ion Ratio Lower Upper
101 100
85 45.5 34.7 52.1
151 75.3 63.0 94.4

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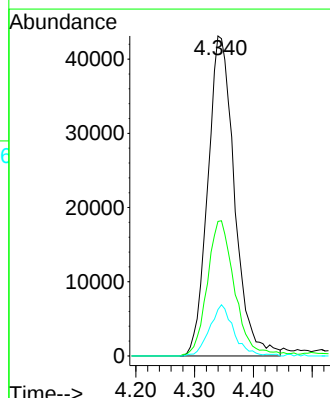
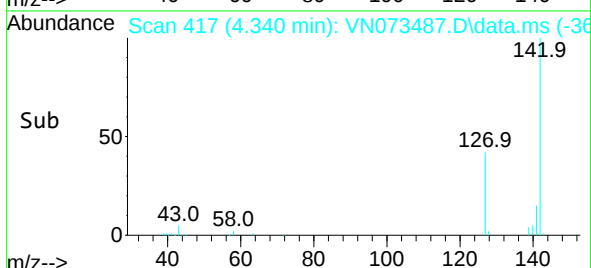
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

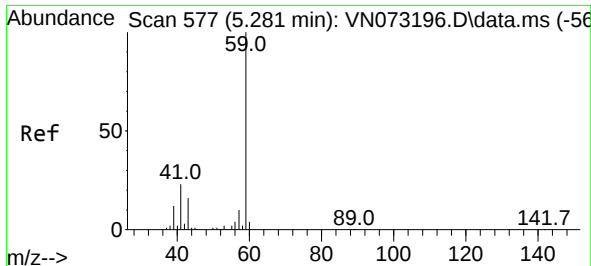


#10
Methyl Iodide
Concen: 42.326 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.011 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



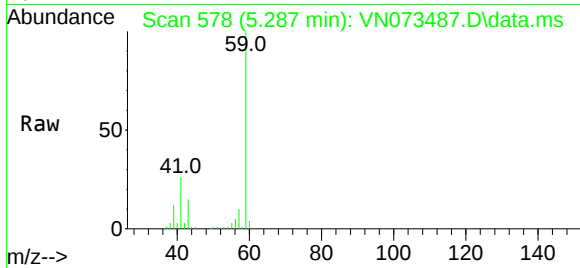
Tgt Ion:142 Resp: 135863
Ion Ratio Lower Upper
142 100
127 43.6 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 259.628 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

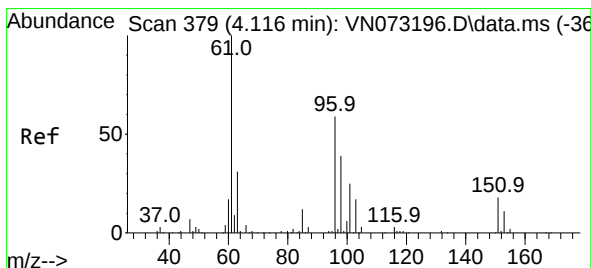
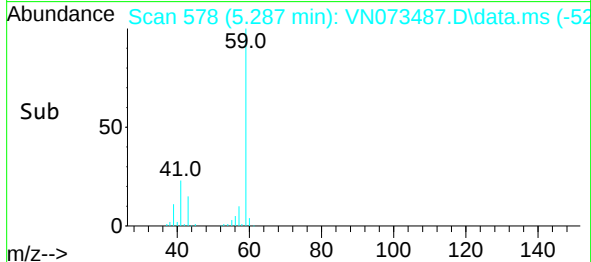
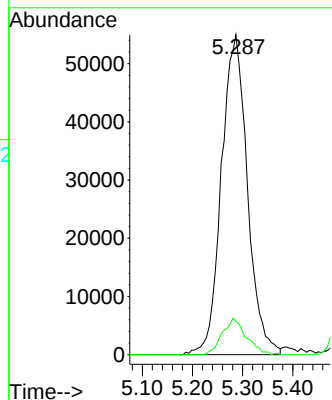
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 198262
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

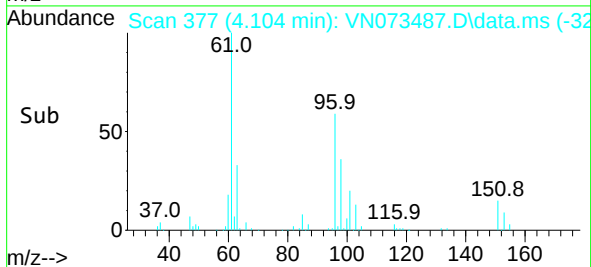
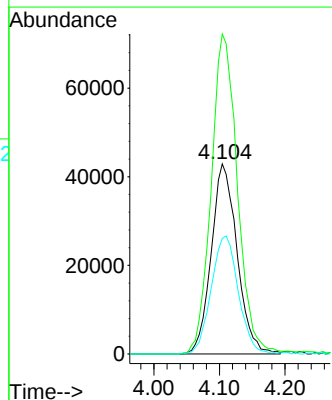
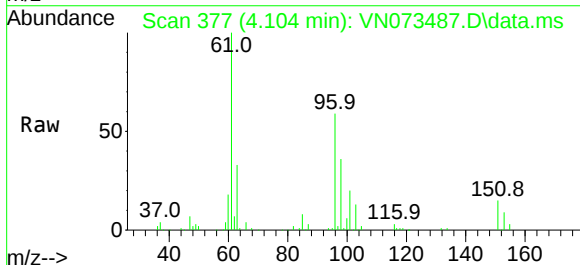
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#12
1,1-Dichloroethene
Concen: 45.707 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

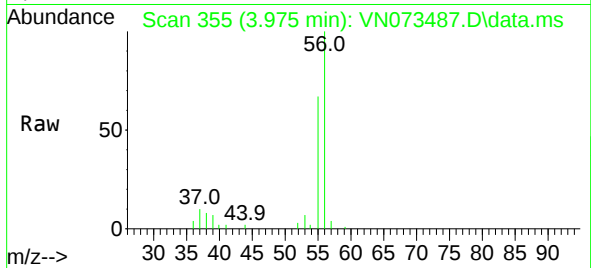
Tgt Ion: 96 Resp: 117495
Ion Ratio Lower Upper
96 100
61 168.3 127.6 191.4
98 60.8 51.2 76.8





#13
Acrolein
Concen: 150.566 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

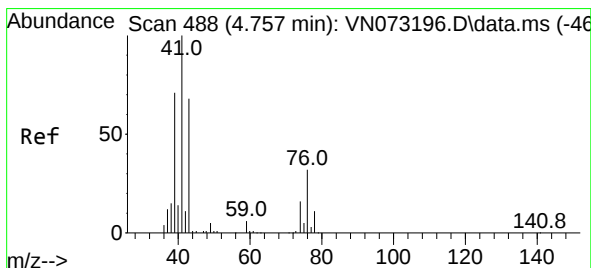
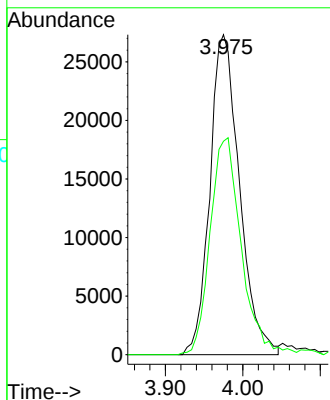
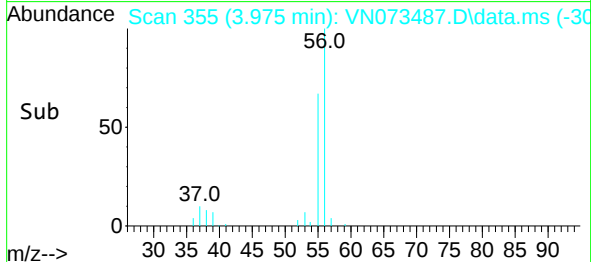
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 72674
Ion Ratio Lower Upper
56 100
55 70.9 54.8 82.2

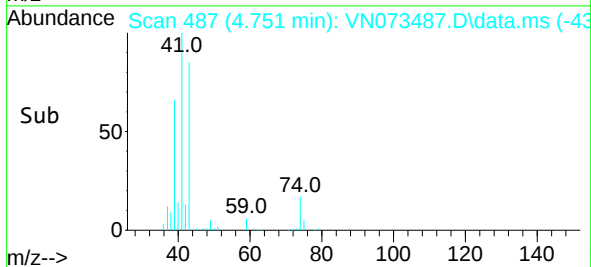
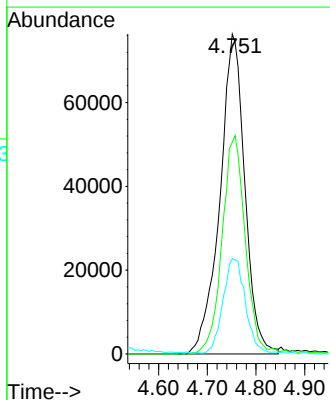
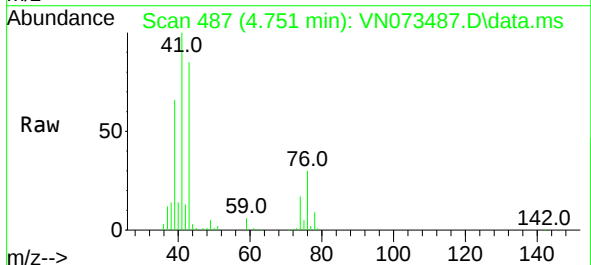
Manual Integrations
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Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#14
Allyl chloride
Concen: 50.209 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

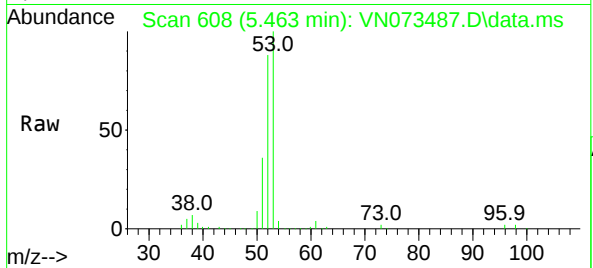
Tgt Ion: 41 Resp: 271899
Ion Ratio Lower Upper
41 100
39 63.3 53.2 79.8
76 26.4 29.9 44.9#





#15
Acrylonitrile
Concen: 277.296 ug/l
RT: 5.463 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

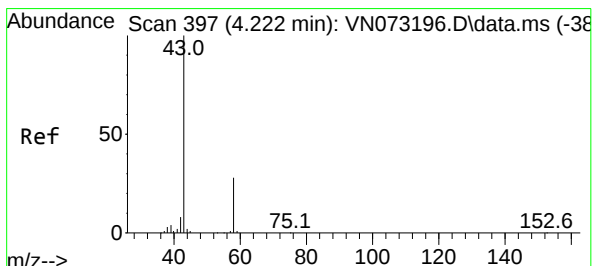
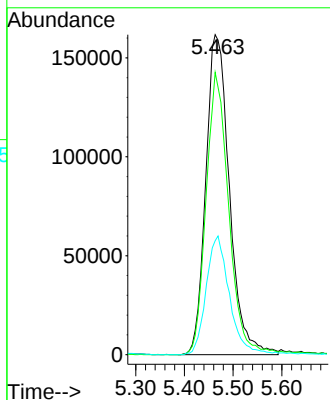
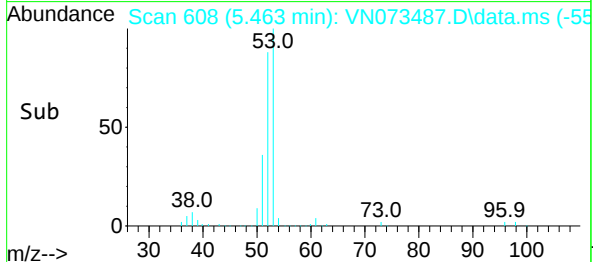
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 545110
Ion Ratio Lower Upper
53 100
52 84.7 66.4 99.6
51 36.4 28.5 42.7

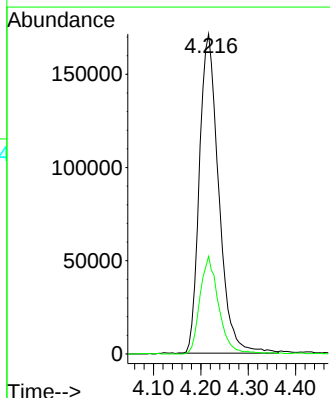
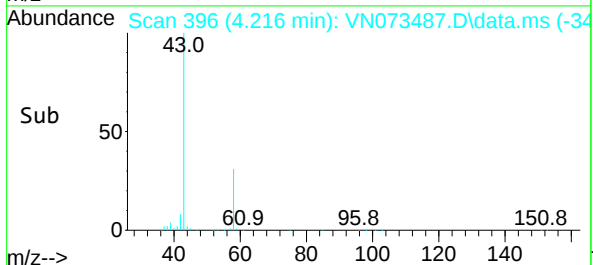
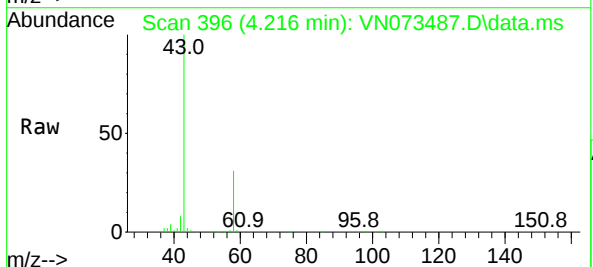
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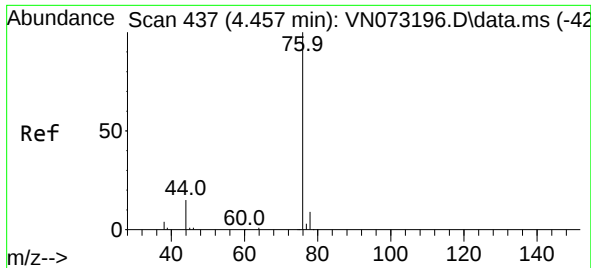
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#16
Acetone
Concen: 273.964 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Tgt Ion: 43 Resp: 484768
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0





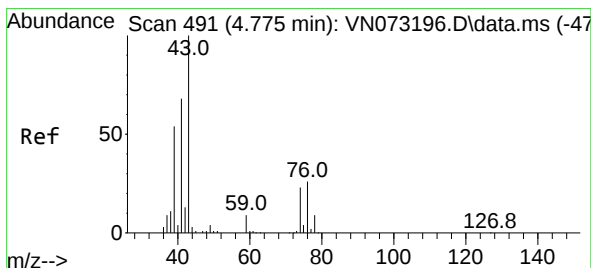
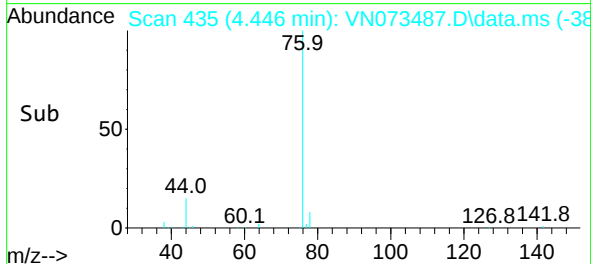
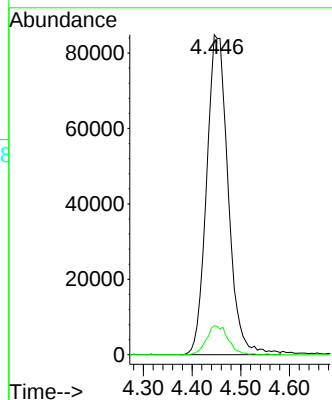
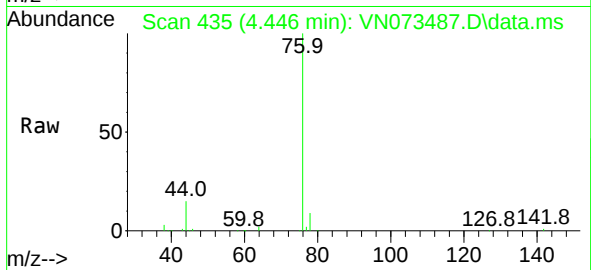
#17
Carbon Disulfide
Concen: 39.100 ug/l
RT: 4.446 min Scan# 41
Delta R.T. -0.011 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 260619
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

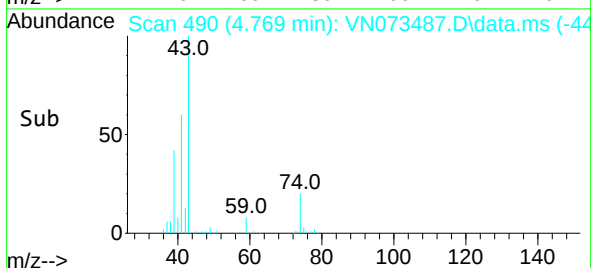
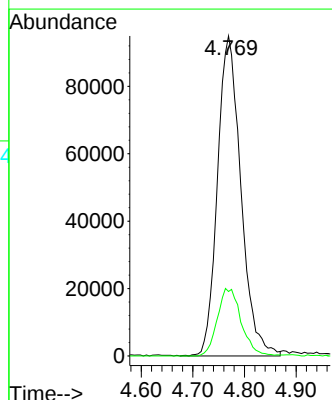
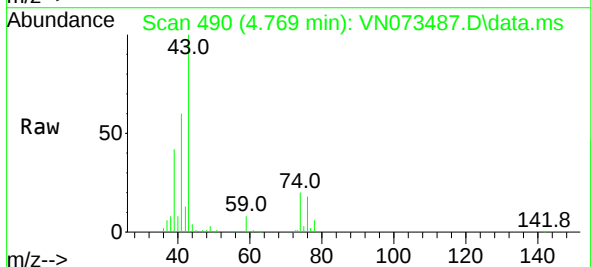
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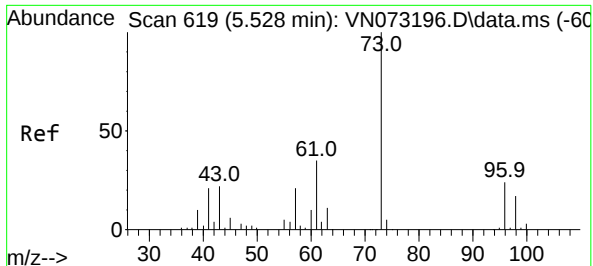
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#18
Methyl Acetate
Concen: 60.374 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Tgt Ion: 43 Resp: 299376
Ion Ratio Lower Upper
43 100
74 21.5 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 52.316 ug/l

RT: 5.528 min Scan# 619

Delta R.T. -0.000 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 49014

Ion Ratio Lower Upper

73 100

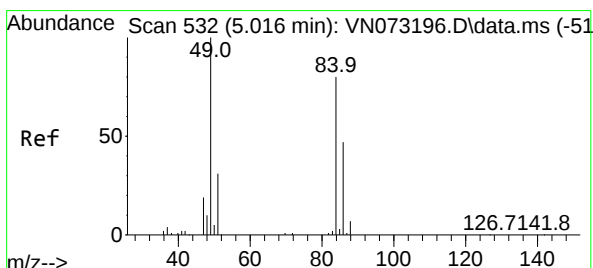
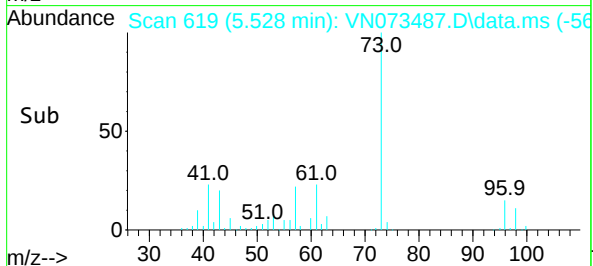
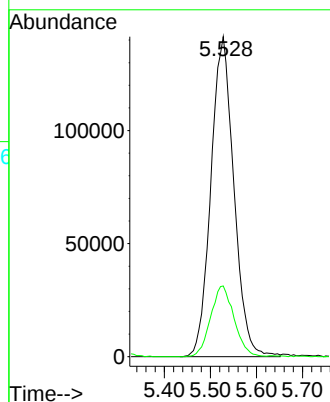
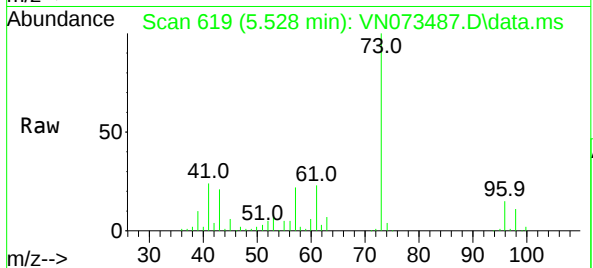
57 22.1 17.6 26.4

Manual Integrations

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Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022



#20

Methylene Chloride

Concen: 48.672 ug/l

RT: 5.010 min Scan# 531

Delta R.T. -0.006 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Tgt Ion: 84 Resp: 151354

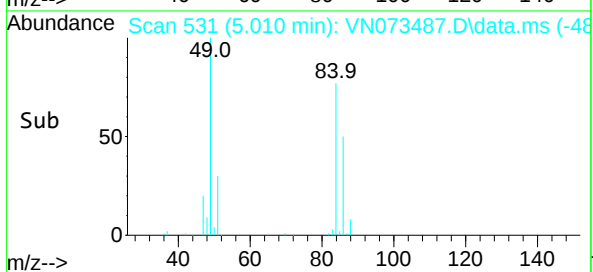
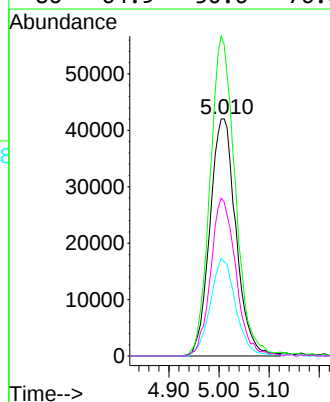
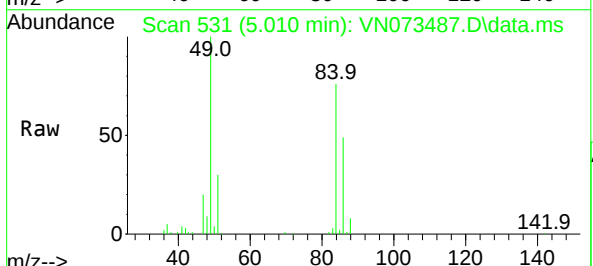
Ion Ratio Lower Upper

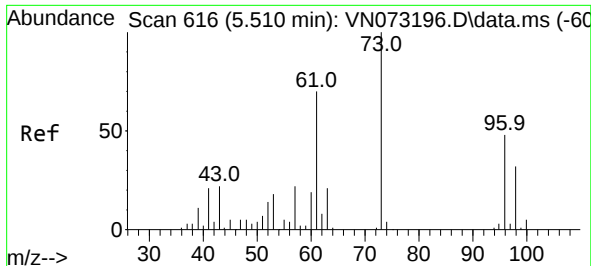
84 100

49 131.2 88.3 132.5

51 39.7 28.2 42.2

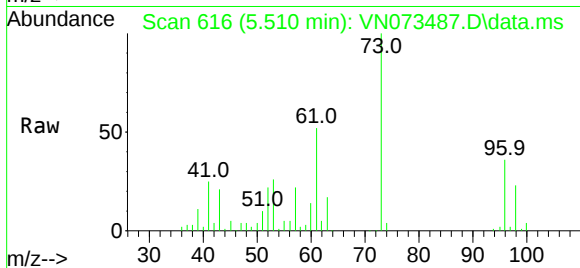
86 64.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.518 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

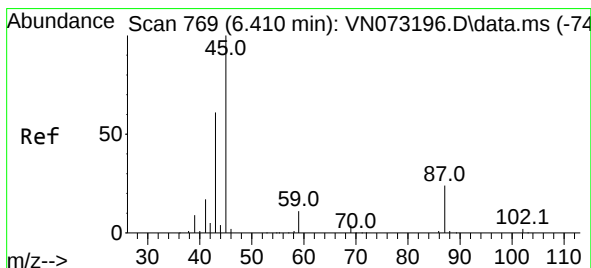
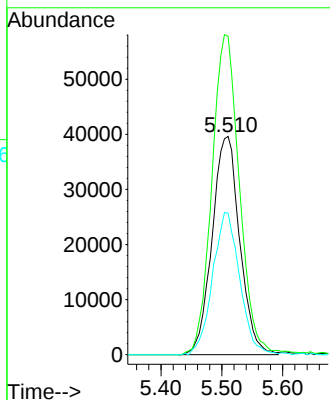
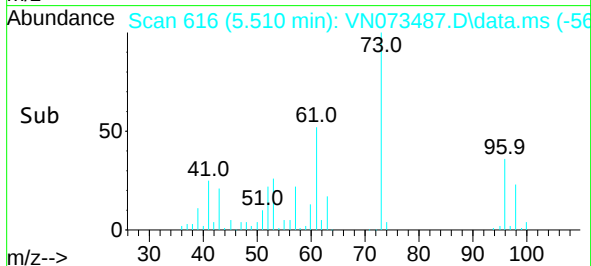
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 124940
Ion Ratio Lower Upper
96 100
61 145.9 105.8 158.8
98 64.8 50.3 75.5

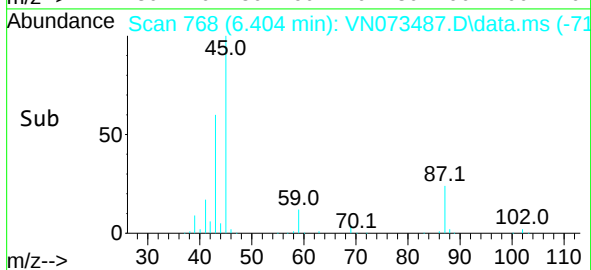
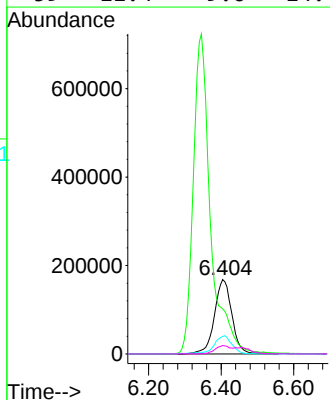
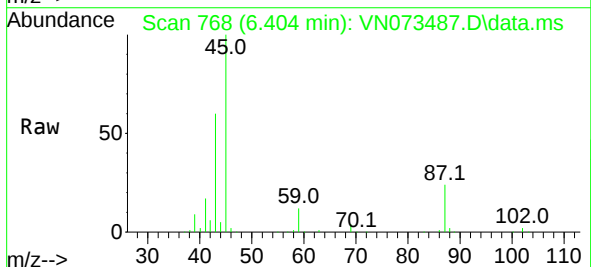
Manual Integrations
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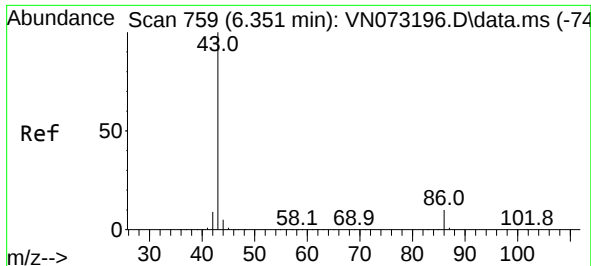
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#22
Diisopropyl ether
Concen: 55.658 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Tgt Ion: 45 Resp: 562427
Ion Ratio Lower Upper
45 100
43 59.4 46.6 70.0
87 23.5 24.3 36.5#
59 11.4 9.6 14.4





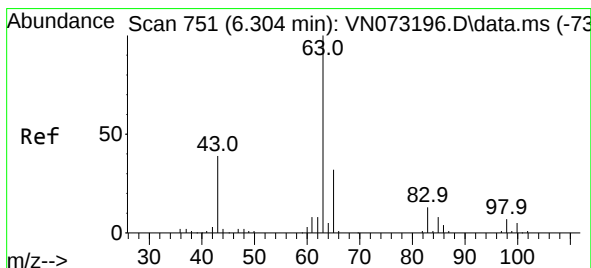
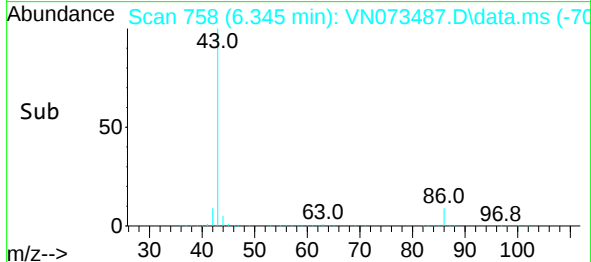
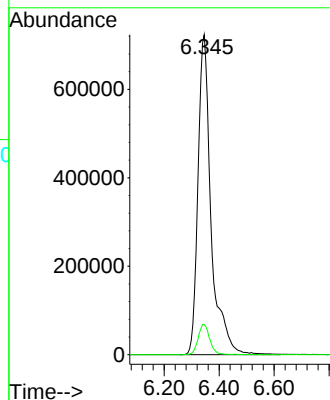
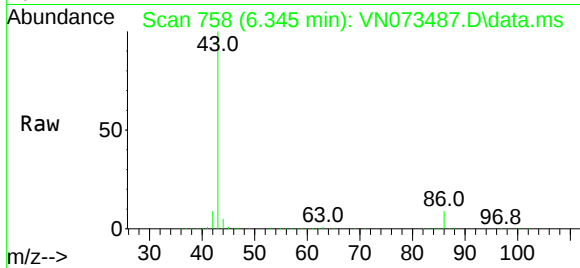
#23
 Vinyl Acetate
 Concen: 264.746 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN073487.D
 Acq: 15 Jul 2022 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2395230
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.0 15.0

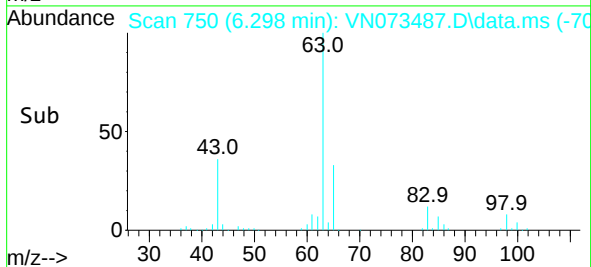
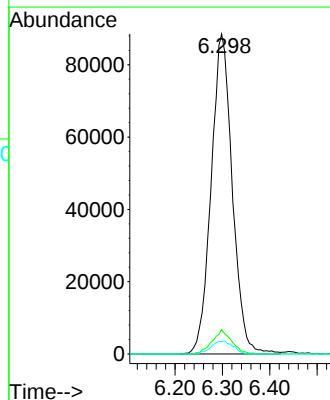
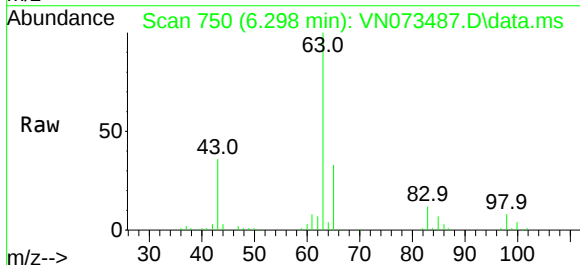
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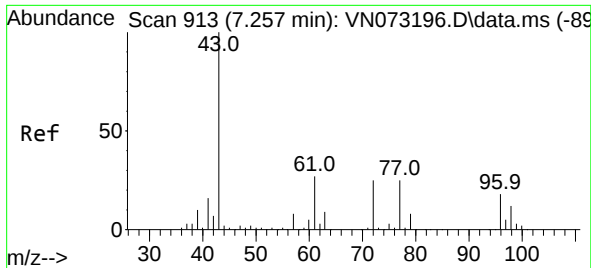
Reviewed By :John Carlone 07/18/2022
 Supervised By :Mahesh Dadoda 07/18/2022



#24
 1,1-Dichloroethane
 Concen: 52.548 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073487.D
 Acq: 15 Jul 2022 17:14

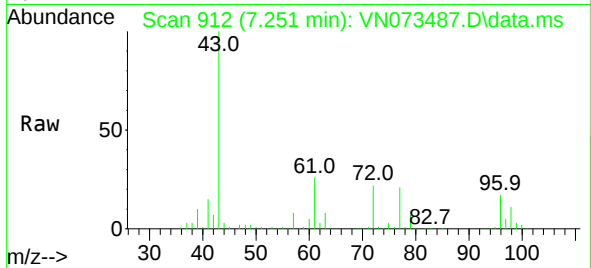
Tgt Ion: 63 Resp: 274788
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 3.8 2.3 6.8





#25
2-Butanone
Concen: 284.696 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

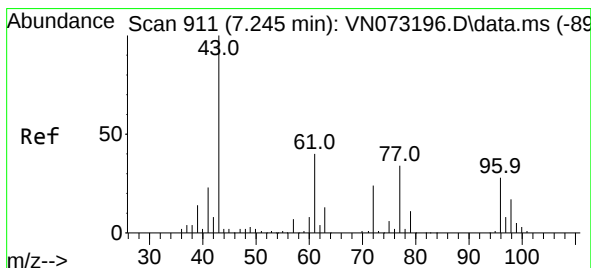
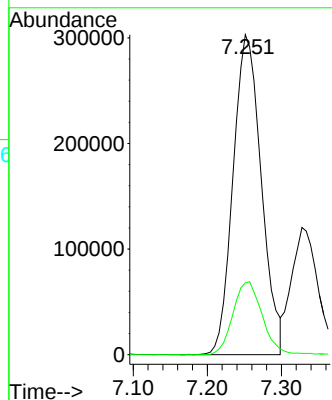
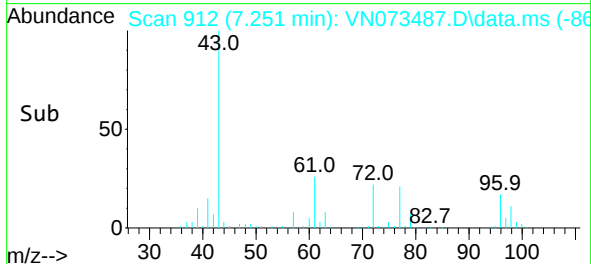
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



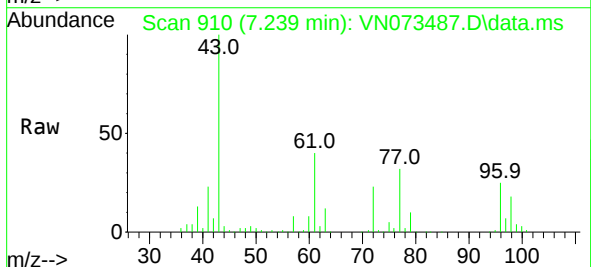
Tgt Ion: 43 Resp: 802038
Ion Ratio Lower Upper
43 100
72 22.5 23.7 35.5

Manual Integrations
APPROVED

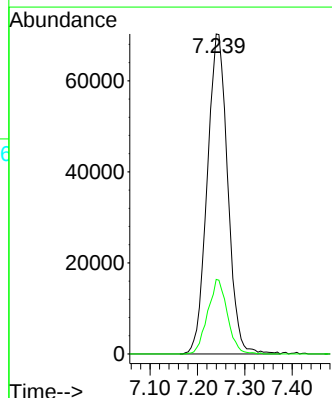
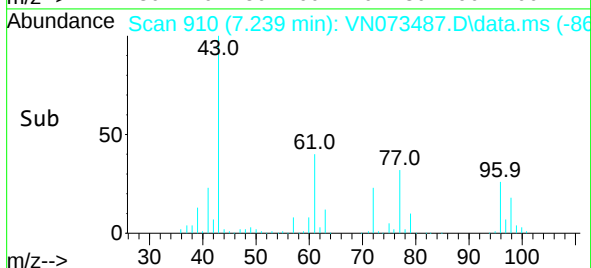
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

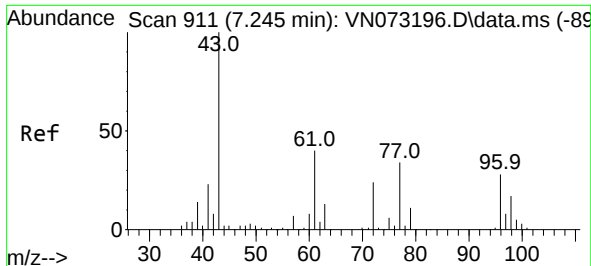


#26
2,2-Dichloropropane
Concen: 43.543 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



Tgt Ion: 77 Resp: 210592
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





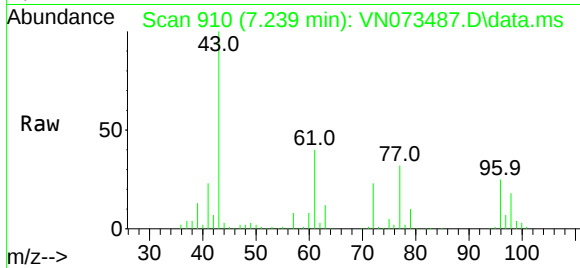
#27
 cis-1,2-Dichloroethene
 Concen: 48.888 ug/l
 RT: 7.239 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073487.D
 Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



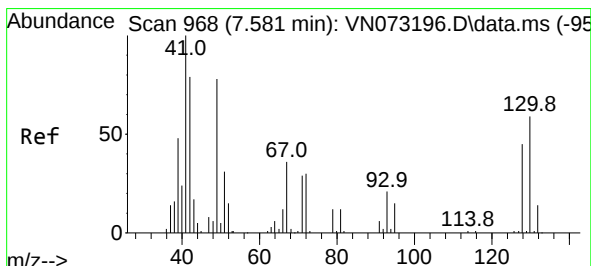
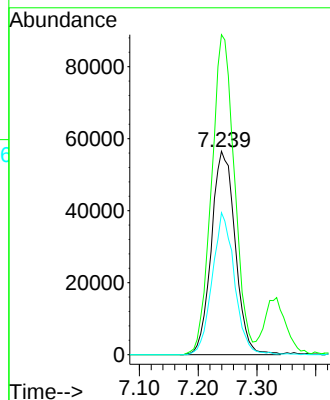
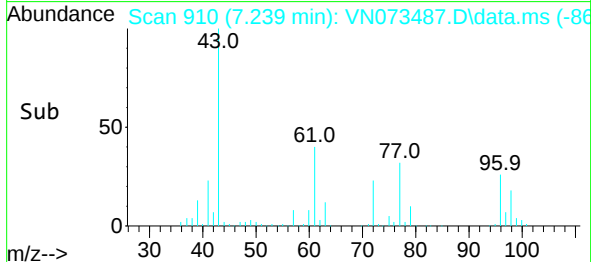
Tgt Ion: 96 Resp: 159010
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 280.6
 98 65.1 0.0 128.4

Manual Integrations

APPROVED

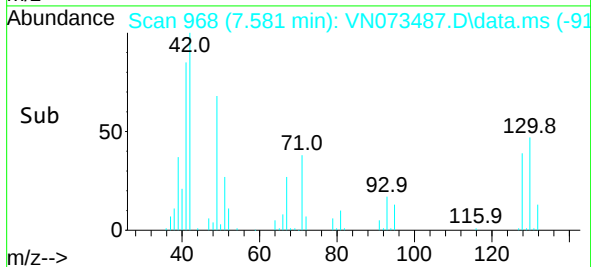
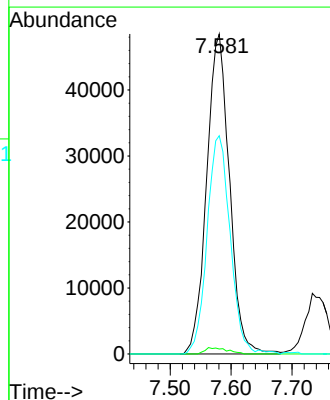
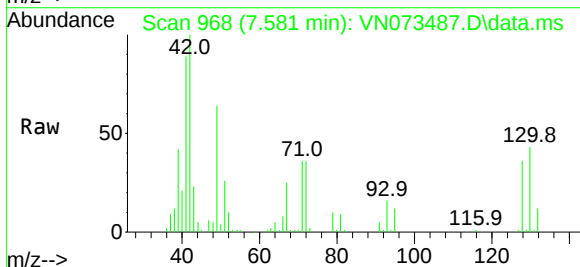
Reviewed By :John Carlone 07/18/2022

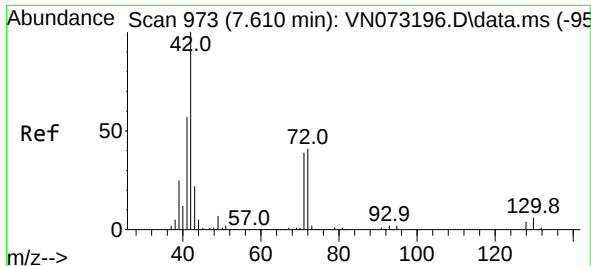
Supervised By :Mahesh Dadoda 07/18/2022



#28
 Bromochloromethane
 Concen: 57.516 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073487.D
 Acq: 15 Jul 2022 17:14

Tgt Ion: 49 Resp: 125963
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 69.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 277.405 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073487.D

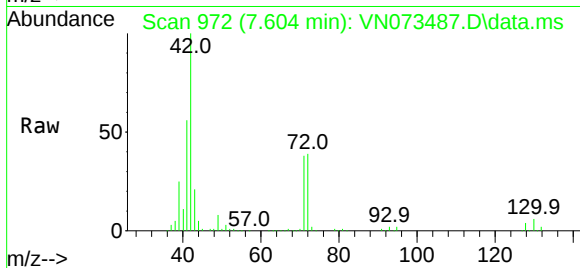
Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



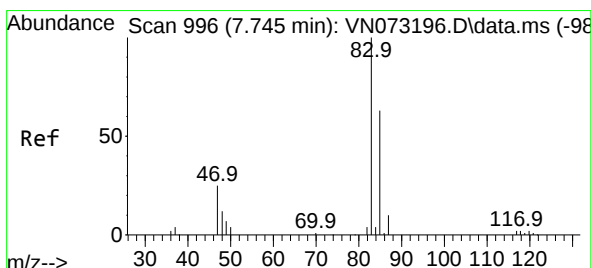
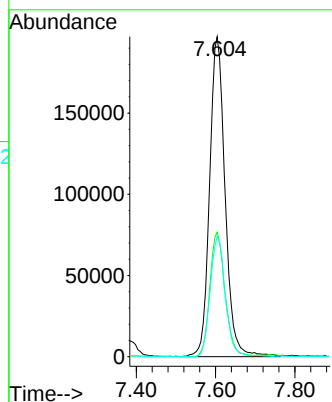
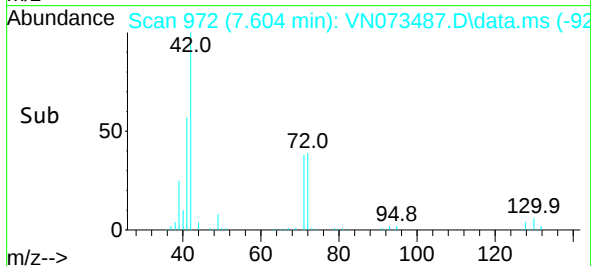
Tgt Ion:	42	Resp:	535109
Ion Ratio	Lower	Upper	
42	100		
72	38.2	39.7	59.5
71	36.7	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022



#30

Chloroform

Concen: 52.032 ug/l

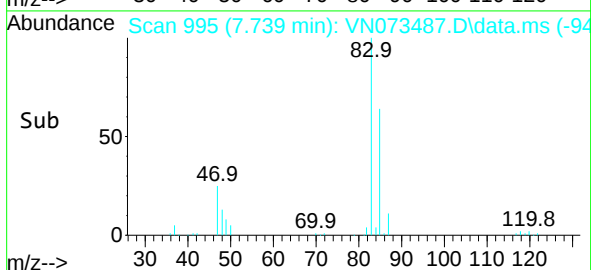
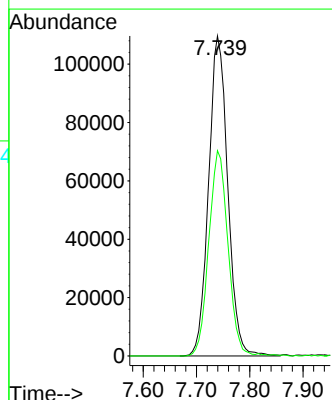
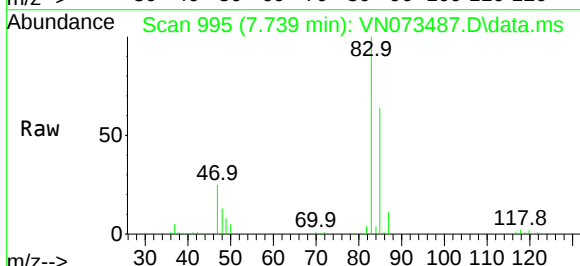
RT: 7.739 min Scan# 995

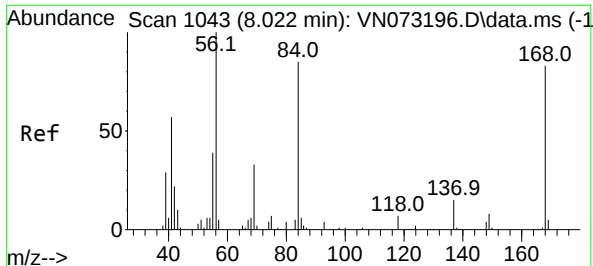
Delta R.T. -0.006 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

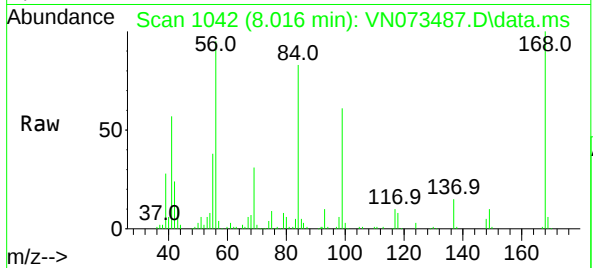
Tgt Ion:	83	Resp:	274047
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.8	77.8





#31
Cyclohexane
Concen: 43.781 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

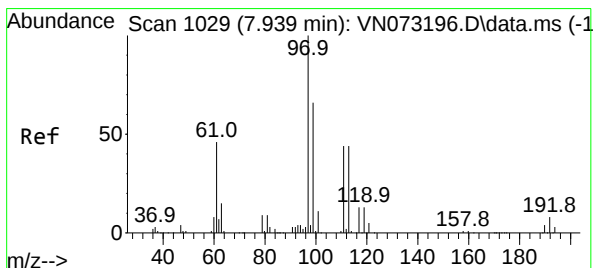
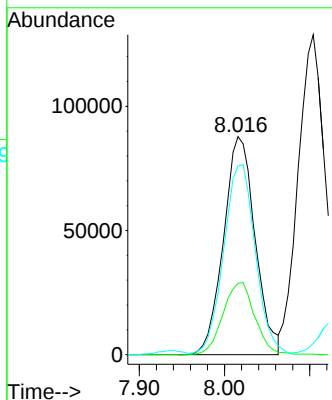
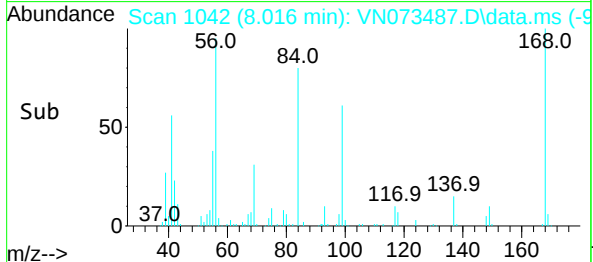
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



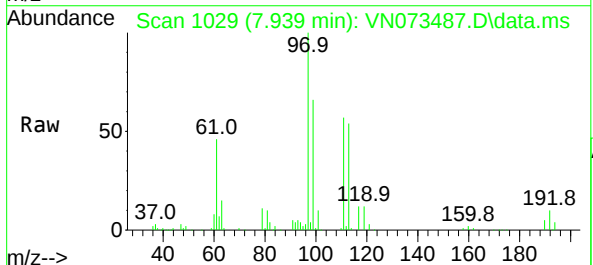
Tgt Ion: 56 Resp: 226029
Ion Ratio Lower Upper
56 100
69 32.7 27.8 41.8
84 85.0 76.9 115.3

Manual Integrations
APPROVED

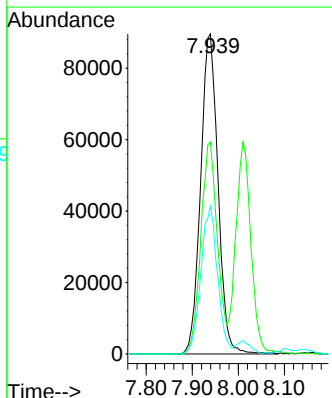
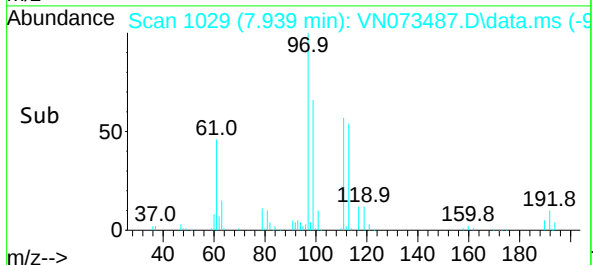
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

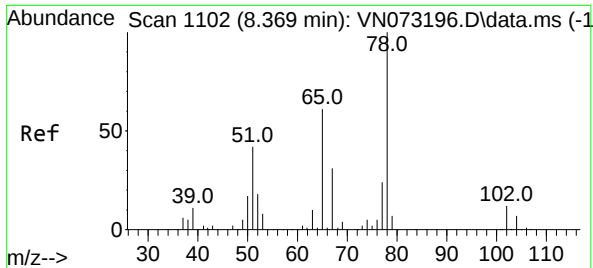


#32
1,1,1-Trichloroethane
Concen: 50.164 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



Tgt Ion: 97 Resp: 235454
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 44.4 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 52.791 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

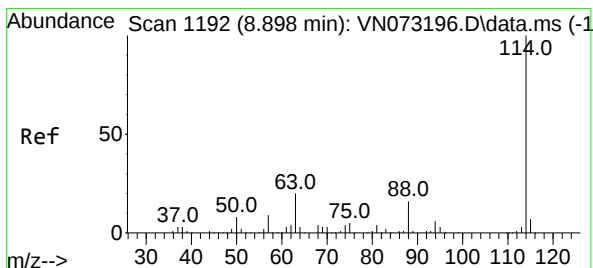
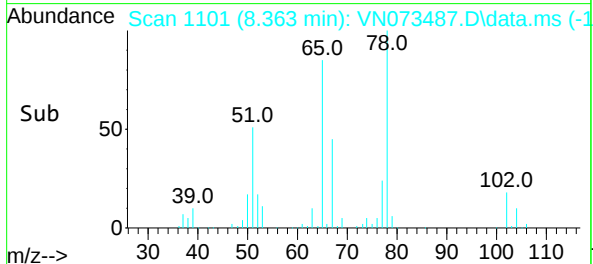
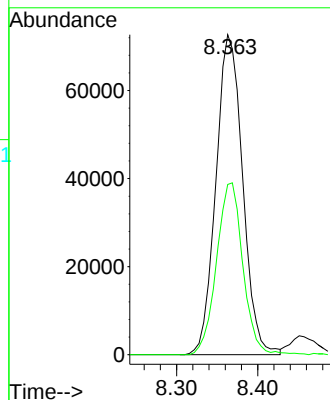
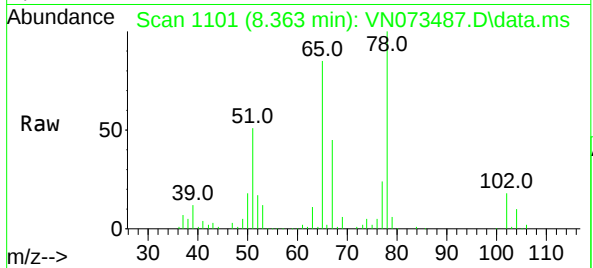
Tgt Ion: 65 Resp: 166414
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8

Manual Integrations

APPROVED

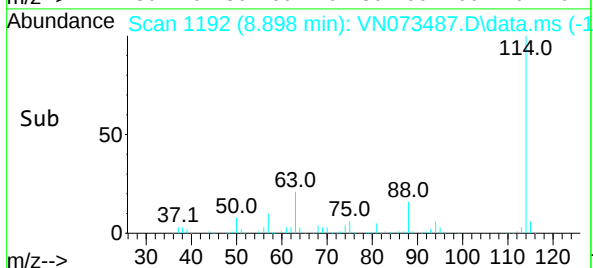
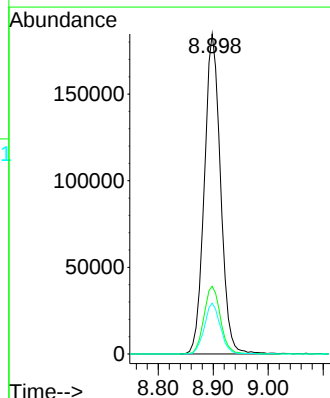
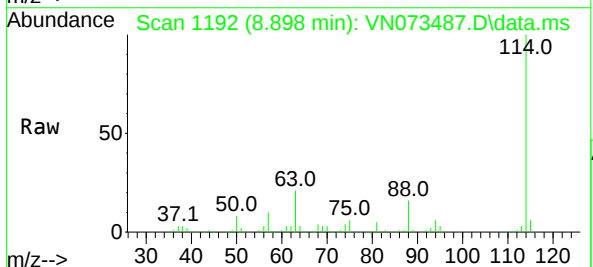
Reviewed By :John Carlone 07/18/2022

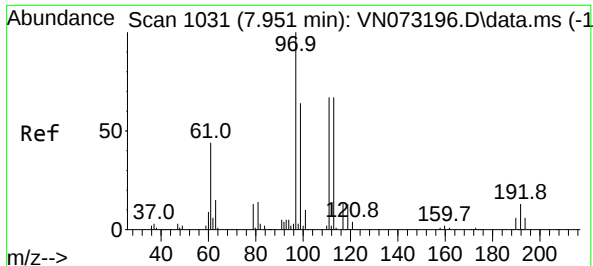
Supervised By :Mahesh Dadoda 07/18/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Tgt Ion:114 Resp: 378138
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.273 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

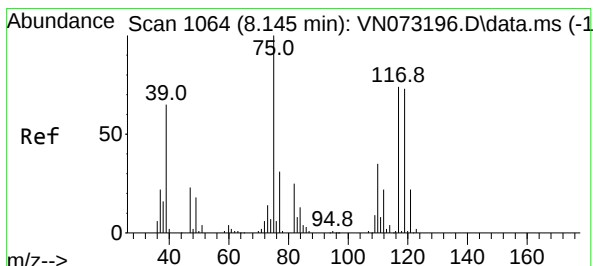
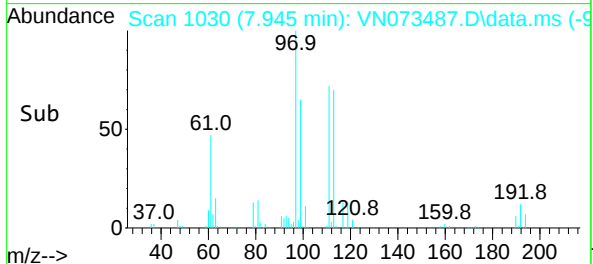
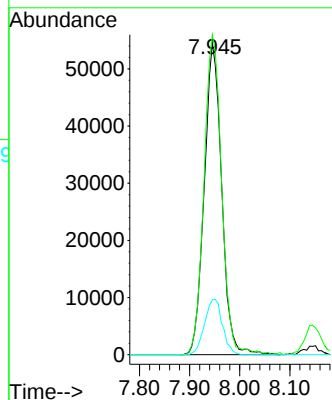
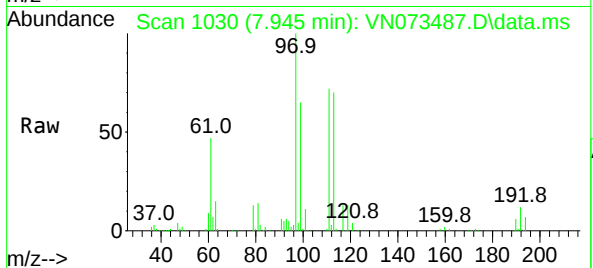
Tgt Ion:	113	Resp:	131510
Ion Ratio	Lower	Upper	
113	100		
111	104.3	81.4	122.0
192	18.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022



#36

1,1-Dichloropropene

Concen: 48.737 ug/l

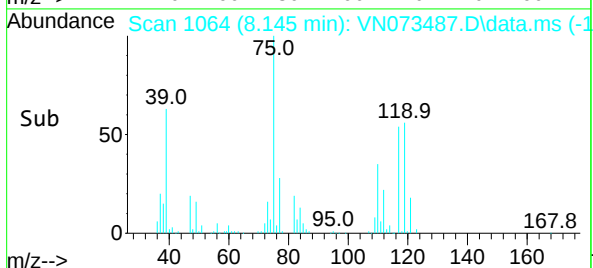
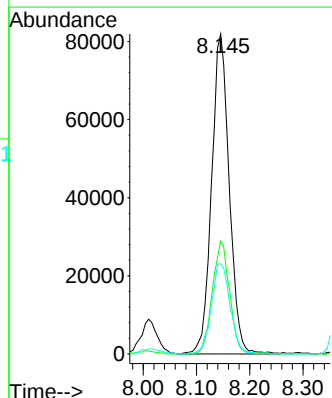
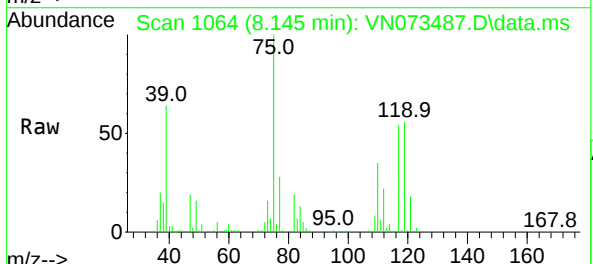
RT: 8.145 min Scan# 1064

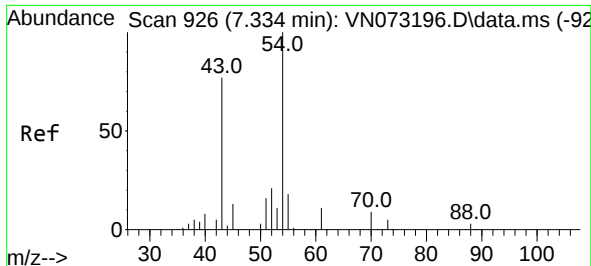
Delta R.T. 0.000 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

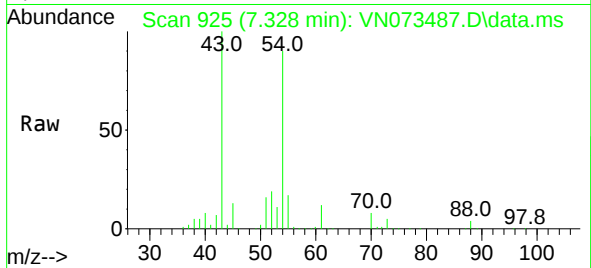
Tgt Ion:	75	Resp:	188665
Ion Ratio	Lower	Upper	
75	100		
110	34.4	18.3	54.8
77	30.1	25.1	37.7





#37
Ethyl Acetate
Concen: 53.196 ug/l
RT: 7.328 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

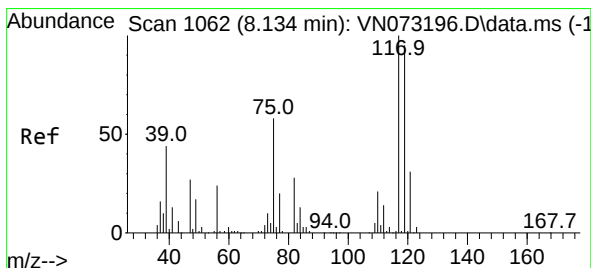
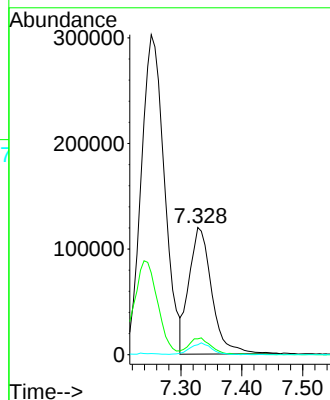
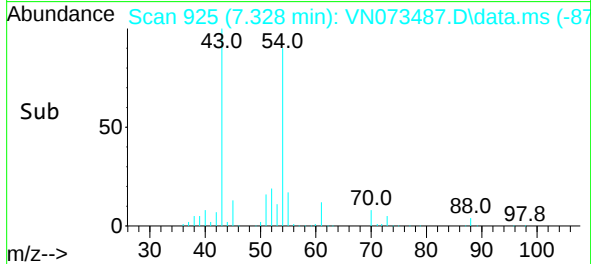
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 31114
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 8.7 9.3 13.9

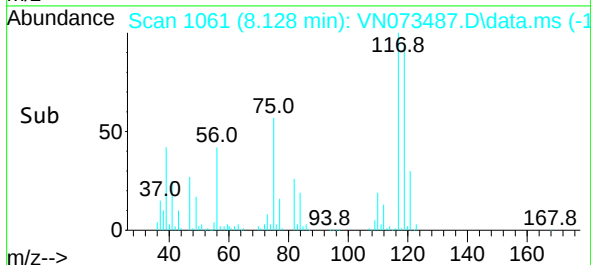
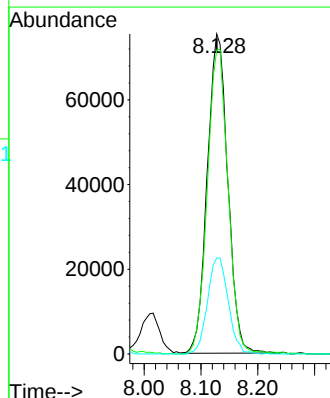
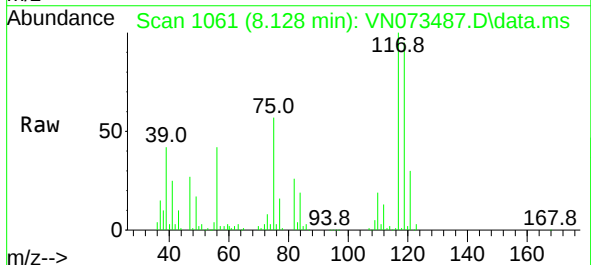
Manual Integrations
APPROVED

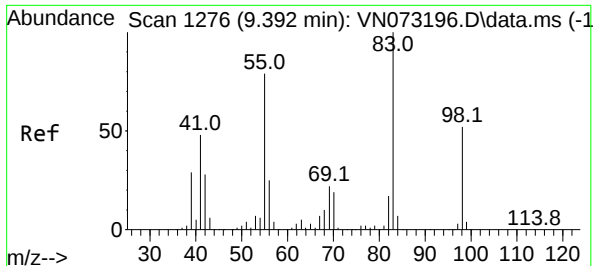
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#38
Carbon Tetrachloride
Concen: 47.184 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Tgt Ion:117 Resp: 188887
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
121 30.1 24.6 37.0





#39

Methylcyclohexane

Concen: 46.641 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 22478

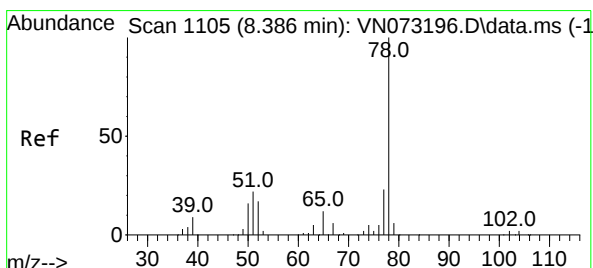
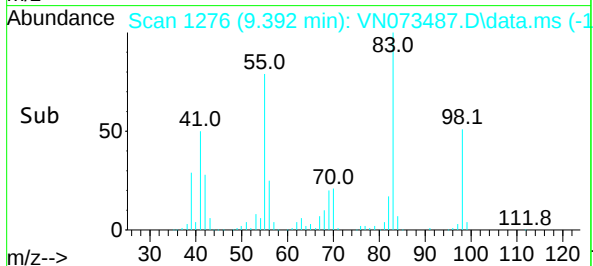
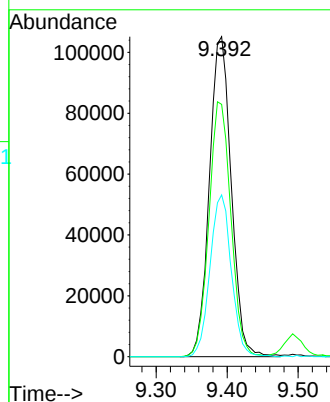
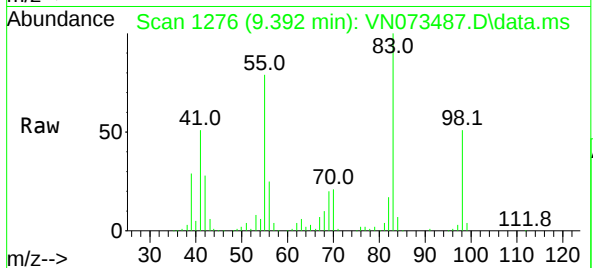
Ion	Ratio	Lower	Upper
83	100		
55	78.9	57.8	86.8
98	50.6	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022



#40

Benzene

Concen: 49.891 ug/l

RT: 8.386 min Scan# 1105

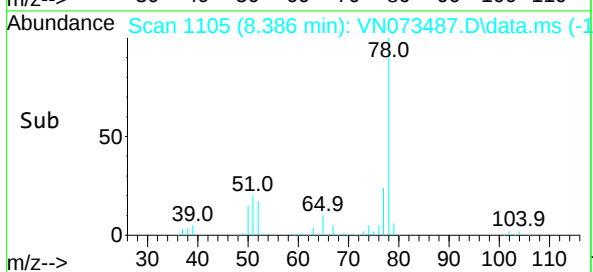
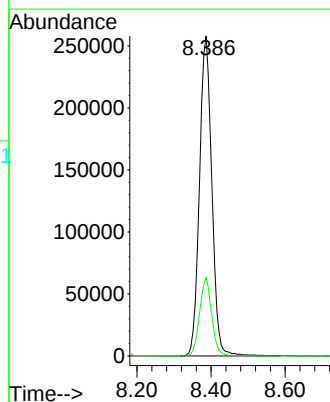
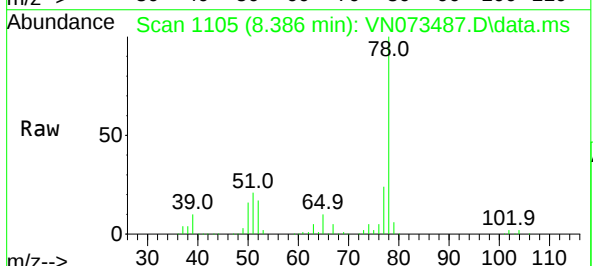
Delta R.T. 0.000 min

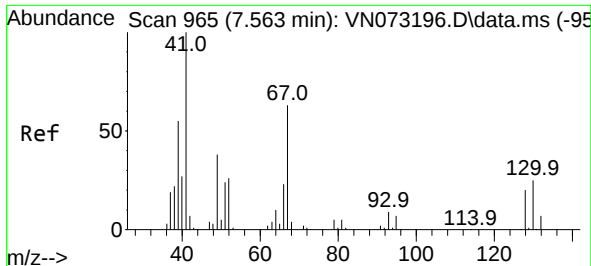
Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Tgt Ion: 78 Resp: 596034

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.0





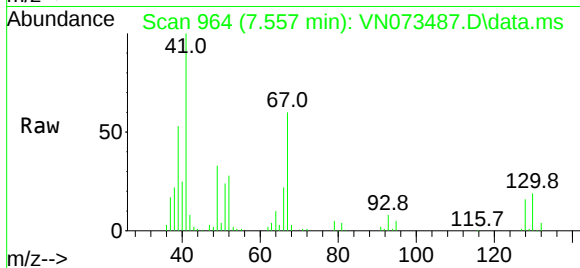
#41
Methacrylonitrile
Concen: 57.358 ug/l
RT: 7.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



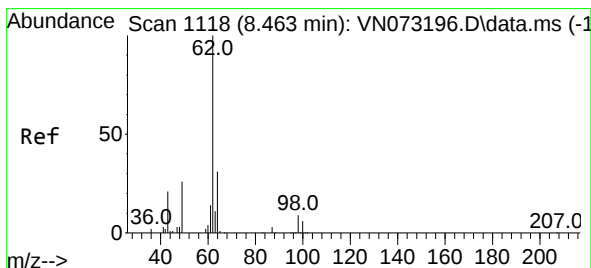
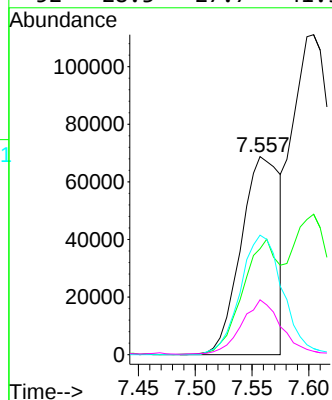
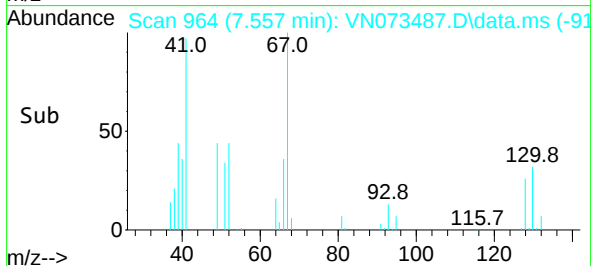
Tgt Ion: 41 Resp: 16270
Ion Ratio Lower Upper
41 100
39 54.0 48.6 73.0
67 66.5 73.4 110.2
52 28.3 27.7 41.5

Manual Integrations

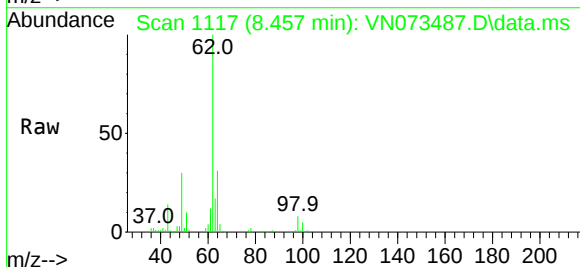
APPROVED

Reviewed By :John Carlone 07/18/2022

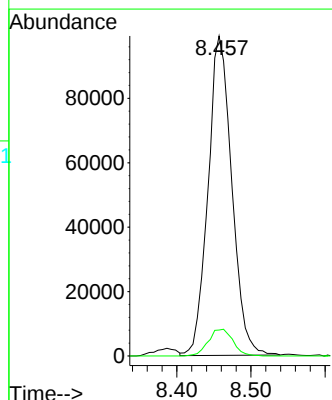
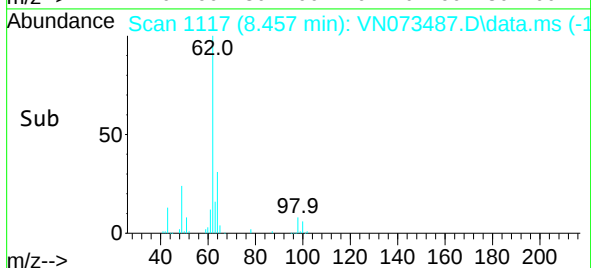
Supervised By :Mahesh Dadoda 07/18/2022

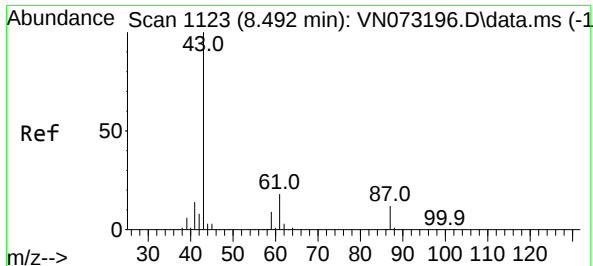


#42
1,2-Dichloroethane
Concen: 51.080 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



Tgt Ion: 62 Resp: 221206
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 54.647 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 459372

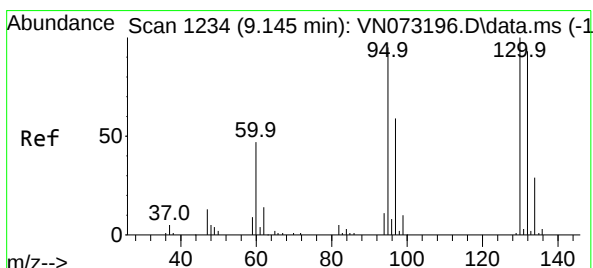
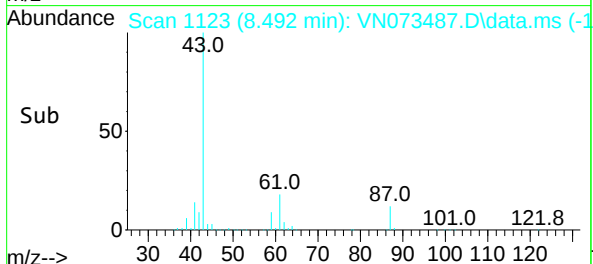
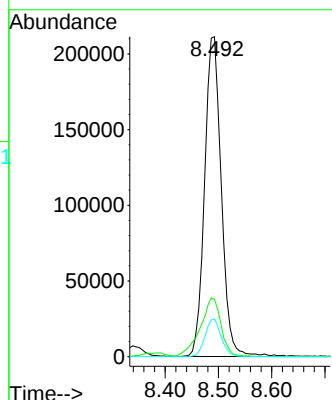
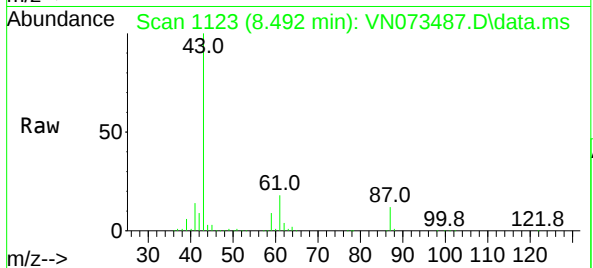
Ion	Ratio	Lower	Upper
43	100		
61	23.1	21.9	32.9
87	11.4	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022



#44

Trichloroethene

Concen: 46.259 ug/l

RT: 9.145 min Scan# 1234

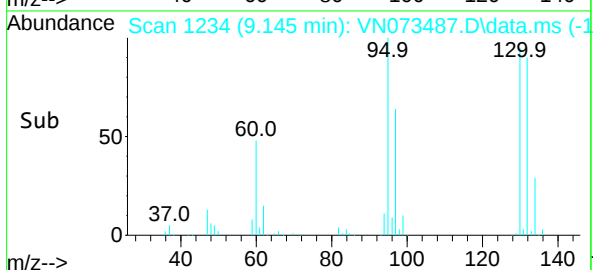
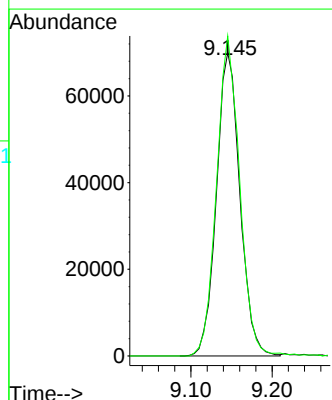
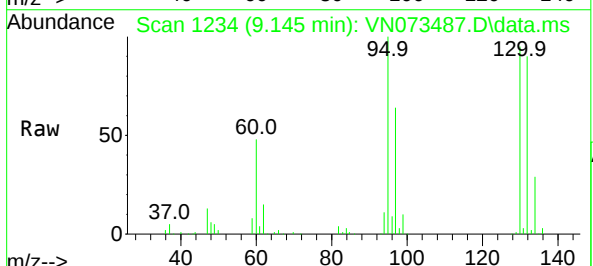
Delta R.T. 0.000 min

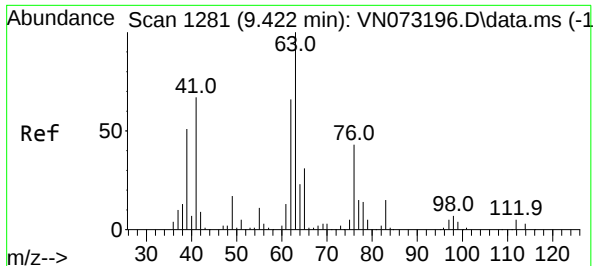
Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Tgt Ion:130 Resp: 140636

Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	186.8





#45

1,2-Dichloropropane

Concen: 51.986 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 158290

Ion Ratio Lower Upper

63 100

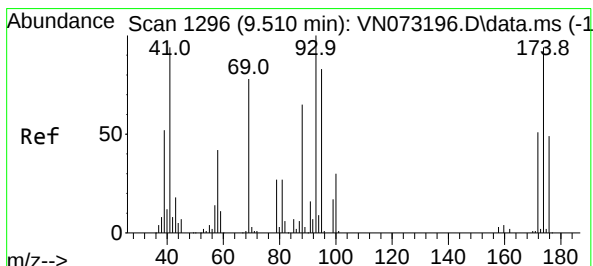
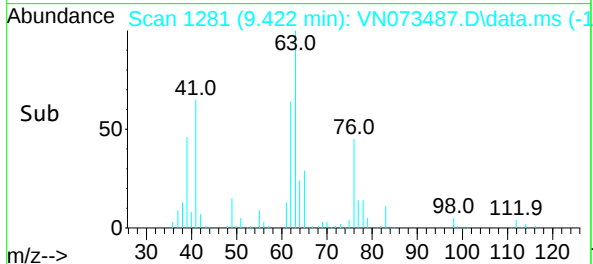
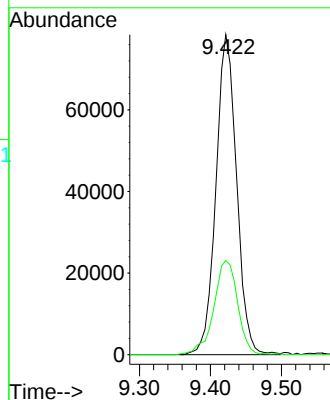
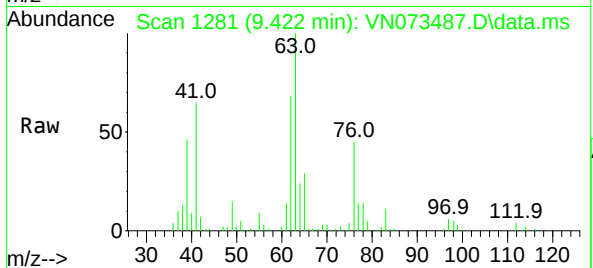
65 29.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022



#46

Dibromomethane

Concen: 49.984 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

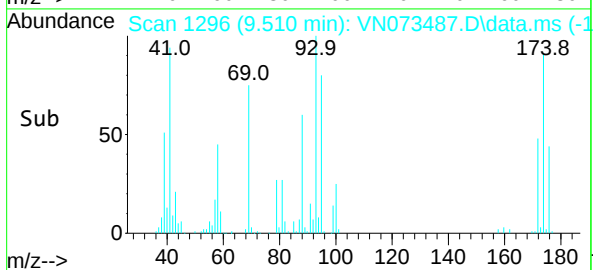
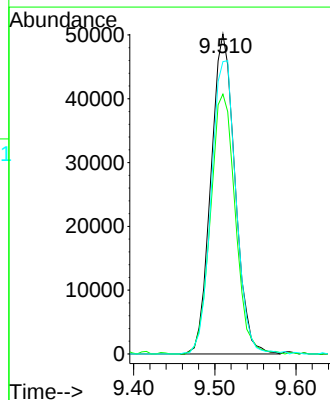
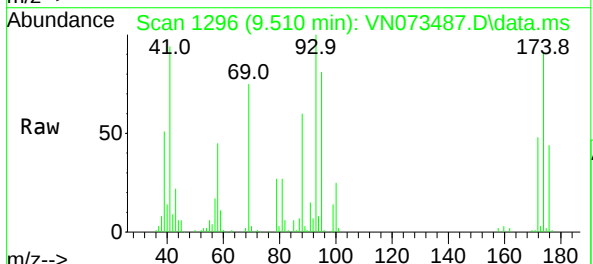
Tgt Ion: 93 Resp: 103342

Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

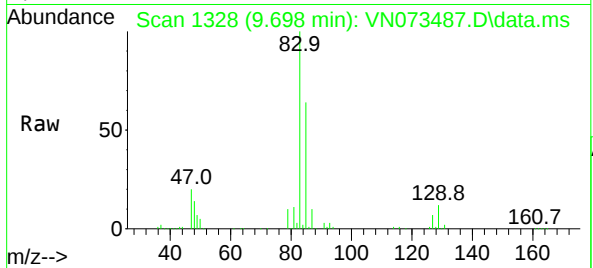
174 94.2 86.6 130.0





#47
Bromodichloromethane
Concen: 53.640 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

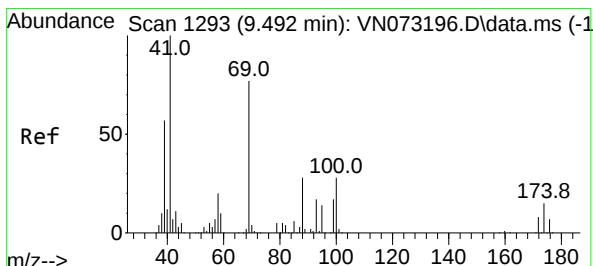
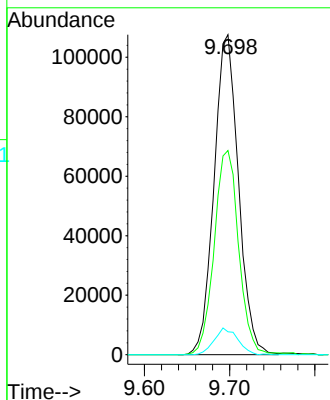
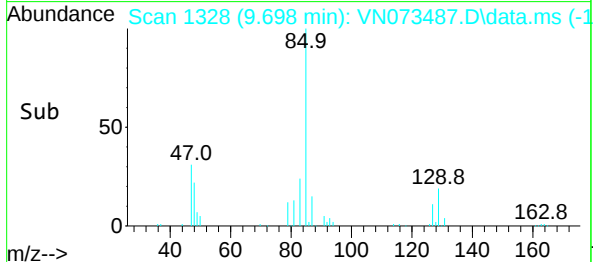
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



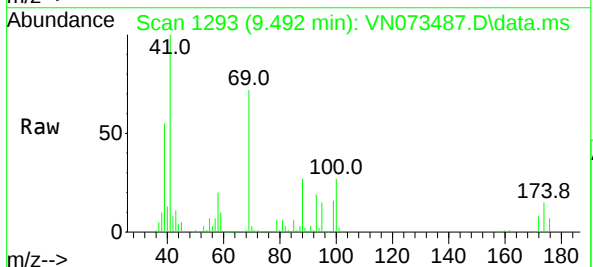
Tgt Ion: 83 Resp: 21479
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7
127 7.1 6.8 10.2

Manual Integrations
APPROVED

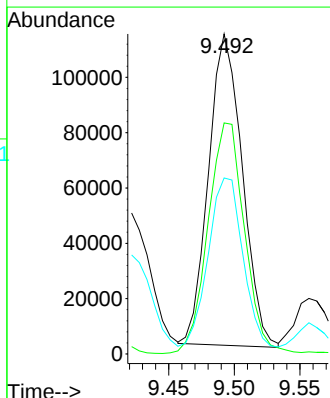
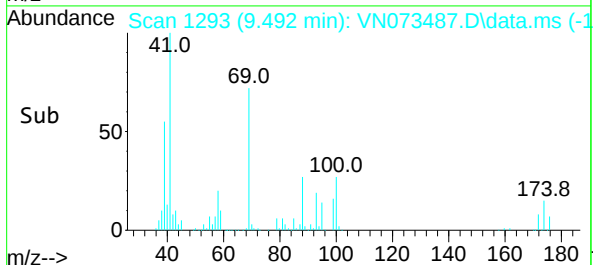
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#48
Methyl methacrylate
Concen: 51.796 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



Tgt Ion: 41 Resp: 201598
Ion Ratio Lower Upper
41 100
69 79.9 74.7 112.1
39 60.3 45.6 68.4





#49

1,4-Dioxane

Concen: 1099.882 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 81268

Ion Ratio Lower Upper

88 100

43 33.2 20.2 30.4

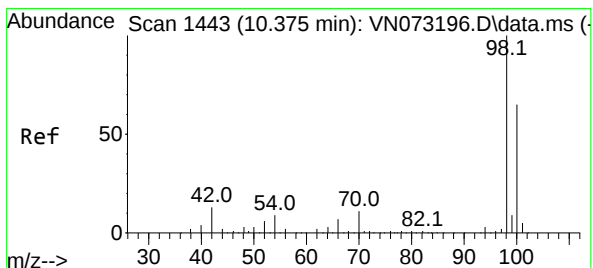
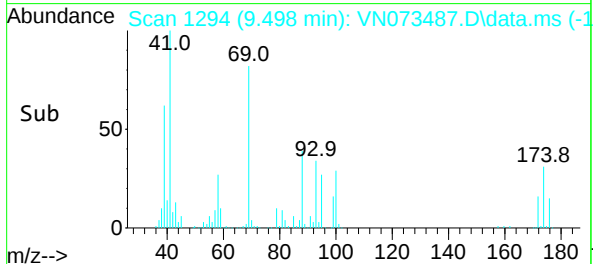
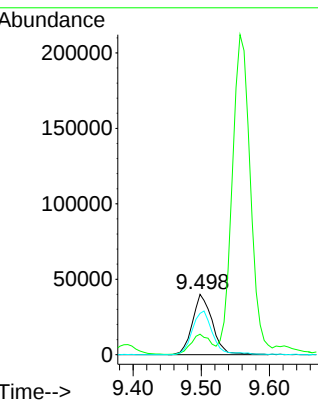
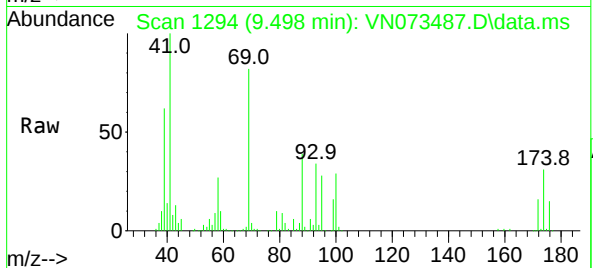
58 74.4 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022



#50

Toluene-d8

Concen: 49.765 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN073487.D

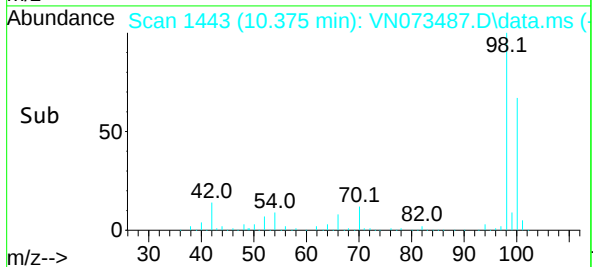
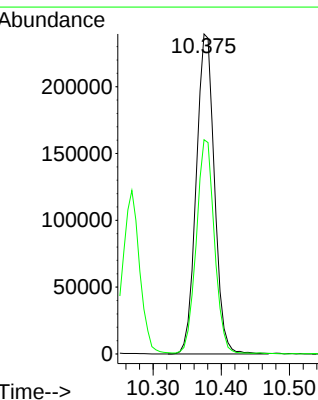
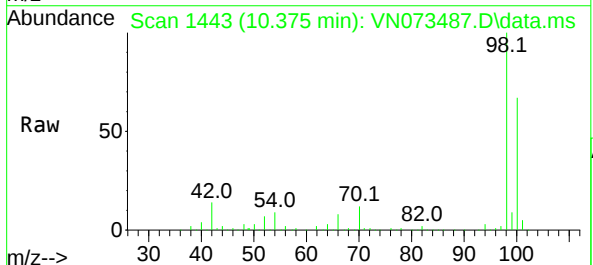
Acq: 15 Jul 2022 17:14

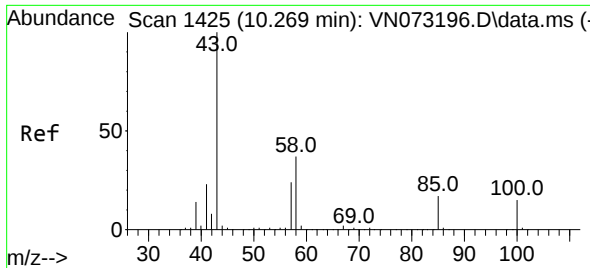
Tgt Ion: 98 Resp: 444669

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8





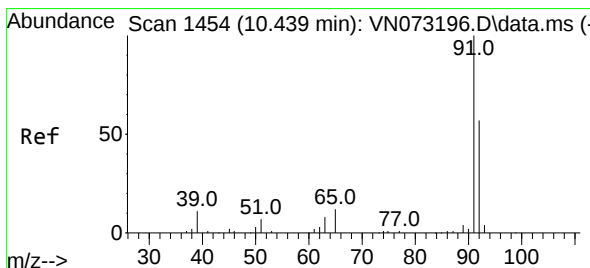
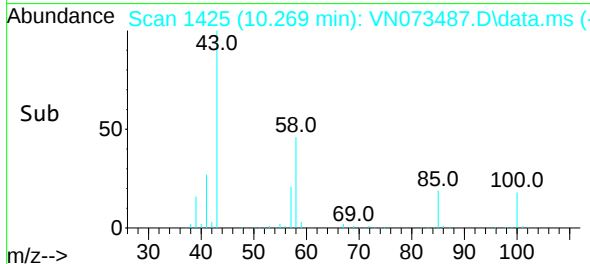
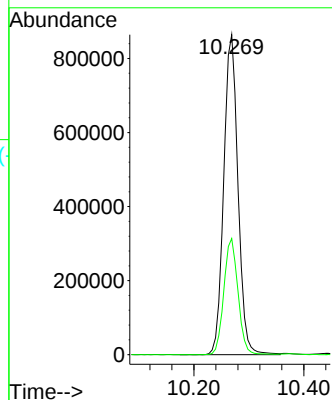
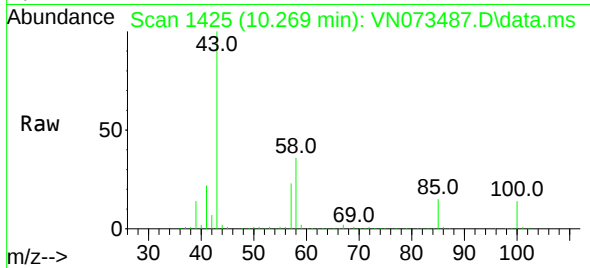
#51
4-Methyl-2-Pentanone
Concen: 291.308 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1552909
Ion Ratio Lower Upper
43 100
58 36.1 34.1 51.1

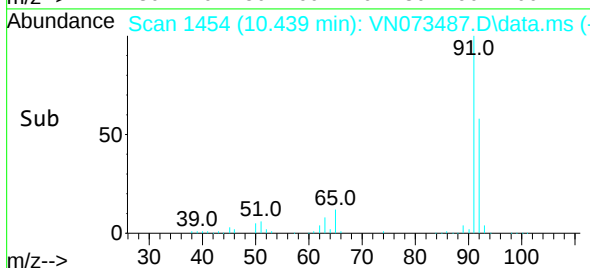
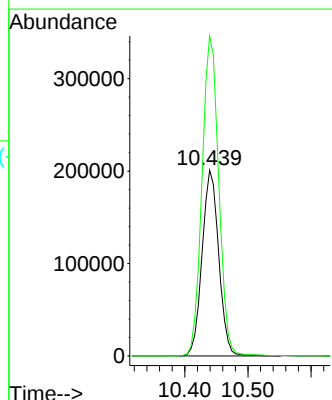
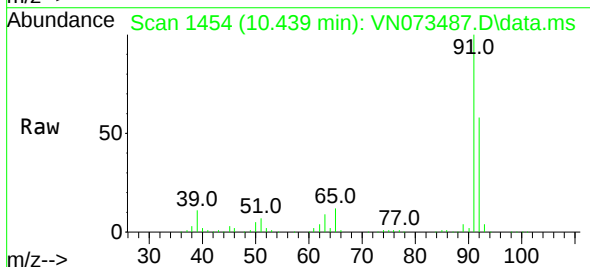
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#52
Toluene
Concen: 49.852 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

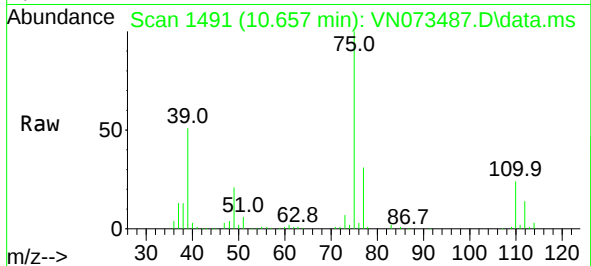
Tgt Ion: 92 Resp: 368059
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.453 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

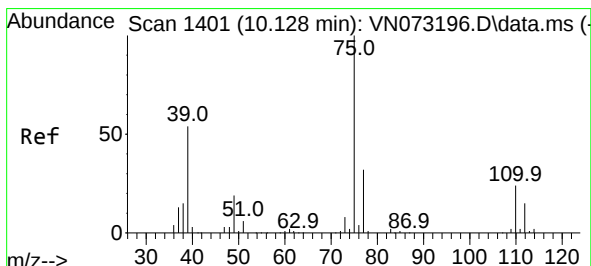
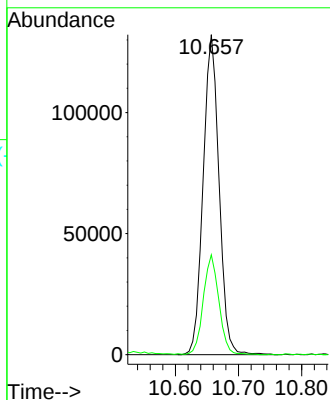
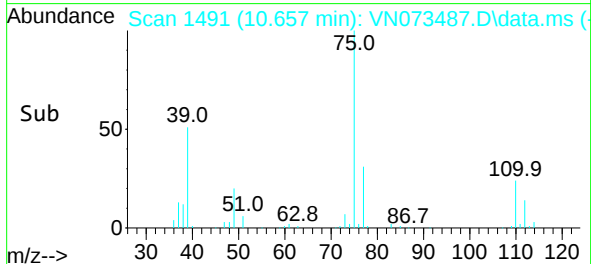
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 231224
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

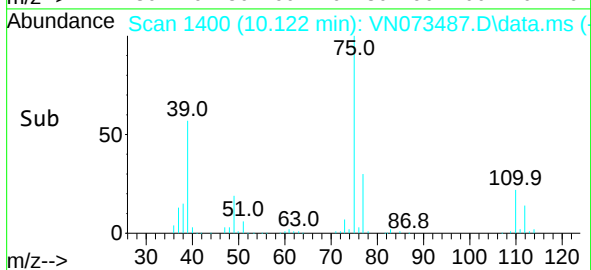
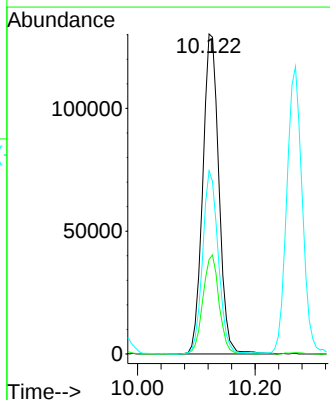
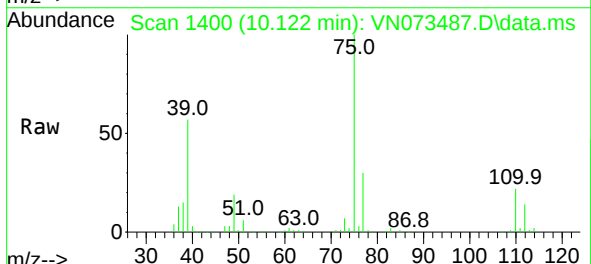
Manual Integrations
APPROVED

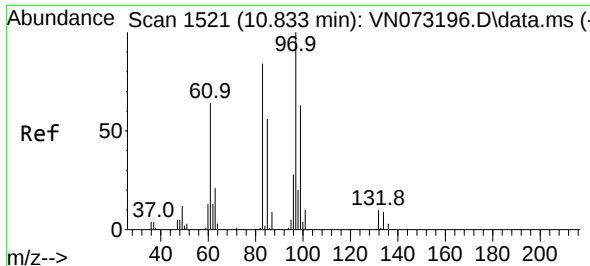
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#54
cis-1,3-Dichloropropene
Concen: 52.336 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. -0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

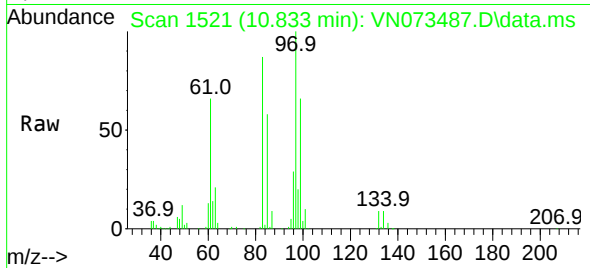
Tgt Ion: 75 Resp: 249073
Ion Ratio Lower Upper
75 100
77 29.6 25.2 37.8
39 57.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 51.032 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

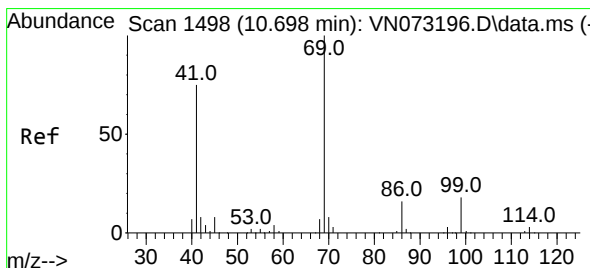
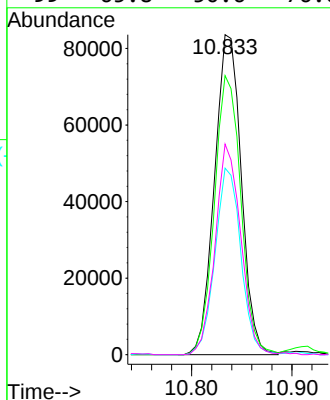
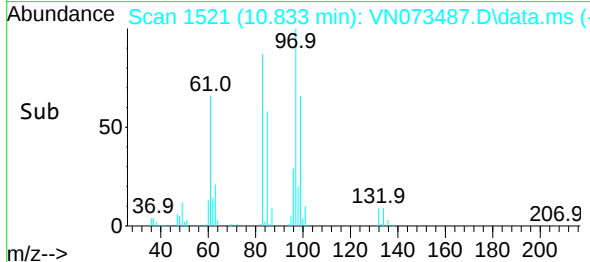
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



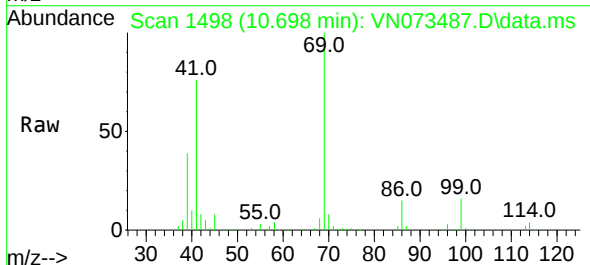
Tgt Ion:	97	Resp:	15511
Ion Ratio	Lower	Upper	
97	100		
83	87.2	66.2	99.4
85	58.3	43.9	65.9
99	65.8	50.6	76.0

Manual Integrations
APPROVED

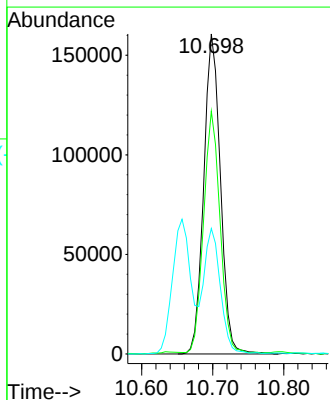
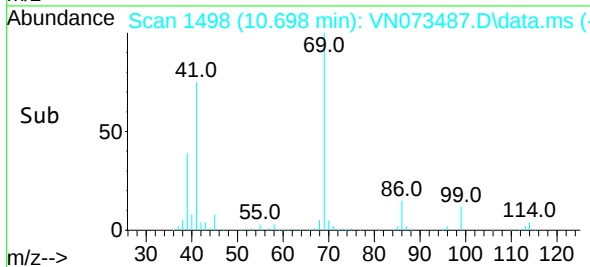
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#56
Ethyl methacrylate
Concen: 53.614 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



Tgt Ion:	69	Resp:	263392
Ion Ratio	Lower	Upper	
69	100		
41	74.7	47.8	71.6#
39	37.2	27.3	40.9





#57

1,3-Dichloropropane

Concen: 52.611 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073487.D

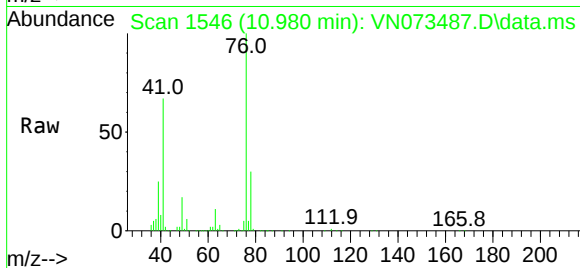
Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 274120

Ion Ratio Lower Upper

76 100

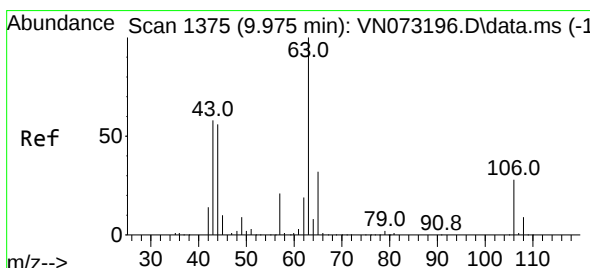
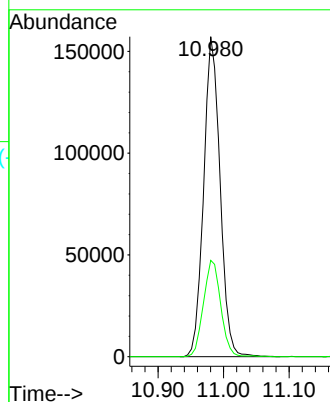
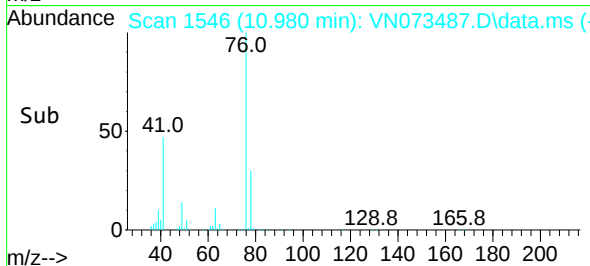
78 31.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 282.866 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VN073487.D

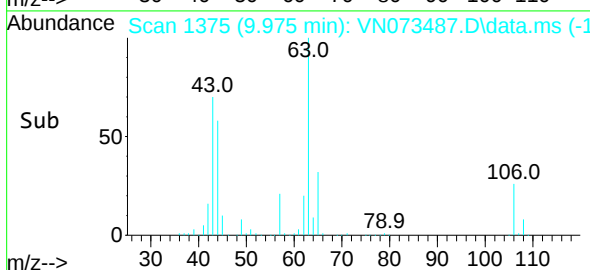
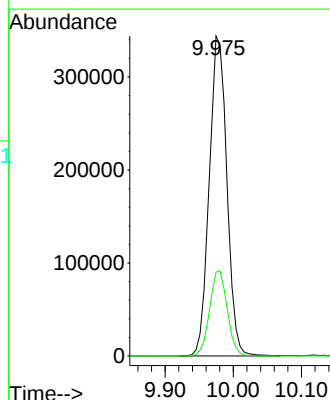
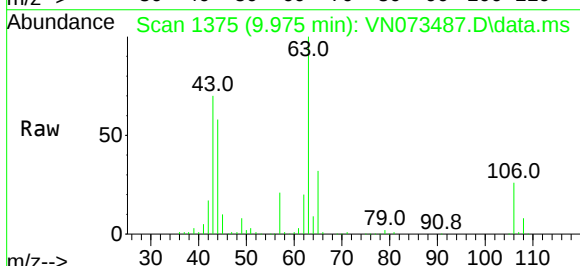
Acq: 15 Jul 2022 17:14

Tgt Ion: 63 Resp: 619763

Ion Ratio Lower Upper

63 100

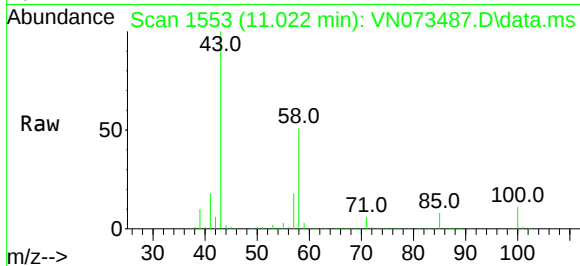
106 26.6 24.6 36.8





#59
2-Hexanone
Concen: 286.989 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

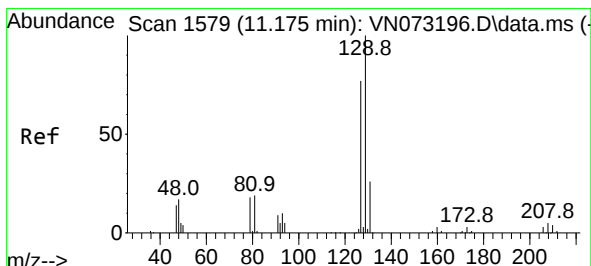
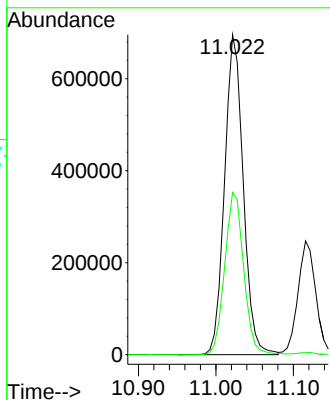
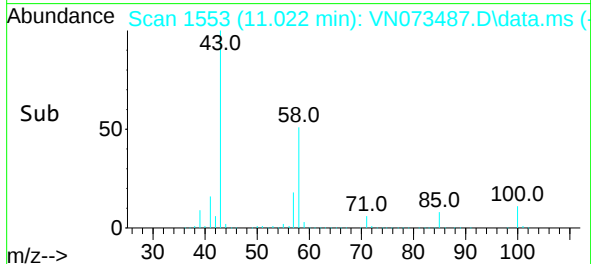
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 116618
Ion Ratio Lower Upper
43 100
58 51.6 29.7 89.1

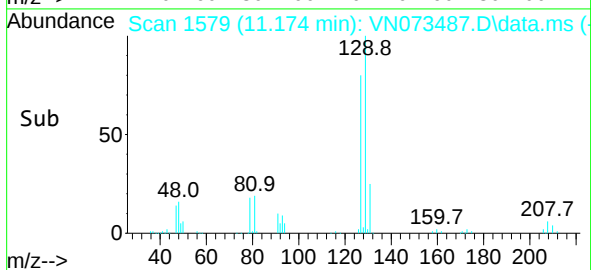
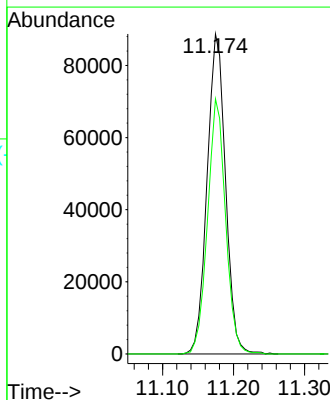
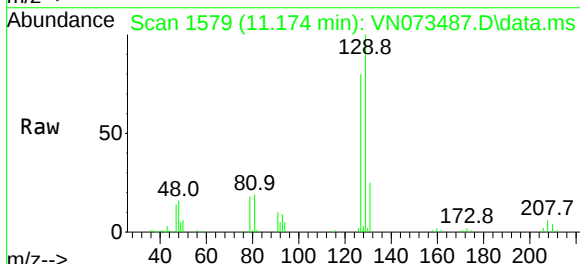
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#60
Dibromochloromethane
Concen: 55.167 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

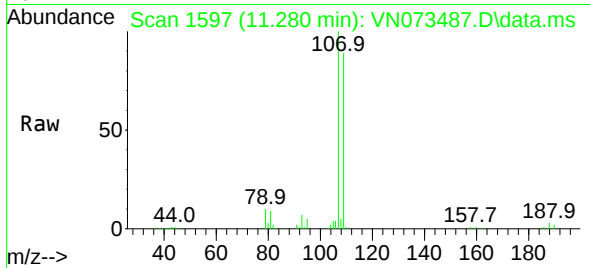
Tgt Ion:129 Resp: 159870
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.081 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

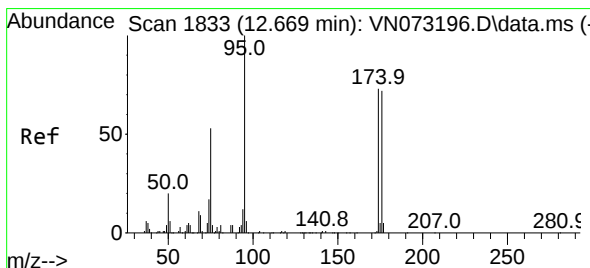
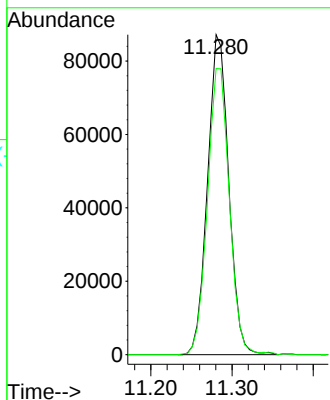
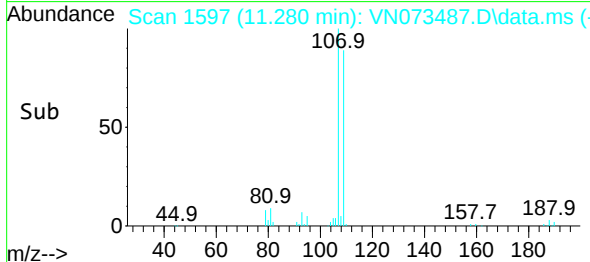
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



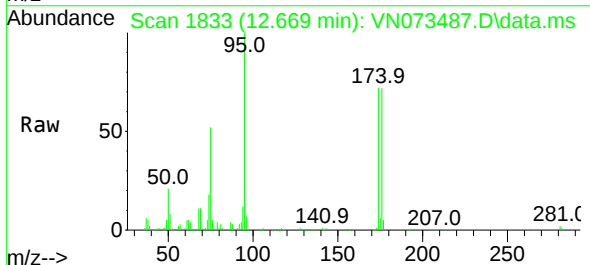
Tgt Ion:107 Resp: 15811
Ion Ratio Lower Upper
107 100
109 92.5 75.0 112.6

Manual Integrations
APPROVED

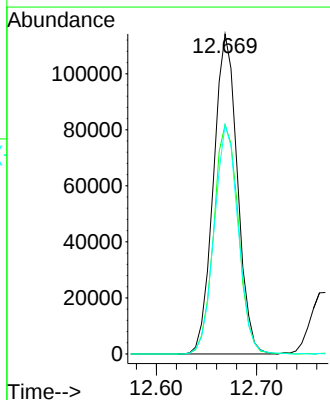
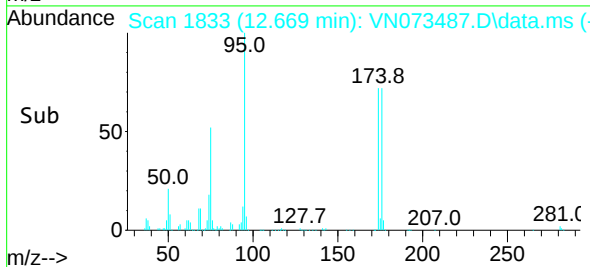
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#62
4-Bromofluorobenzene
Concen: 54.985 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



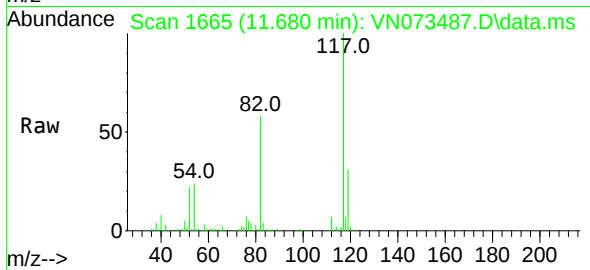
Tgt Ion: 95 Resp: 188806
Ion Ratio Lower Upper
95 100
174 73.8 0.0 167.6
176 71.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

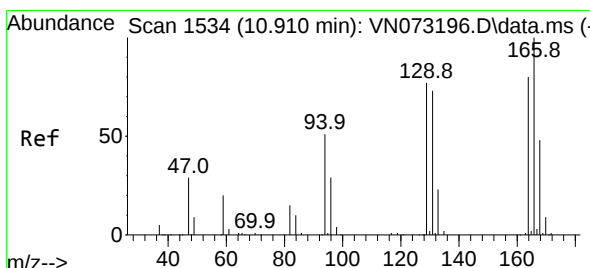
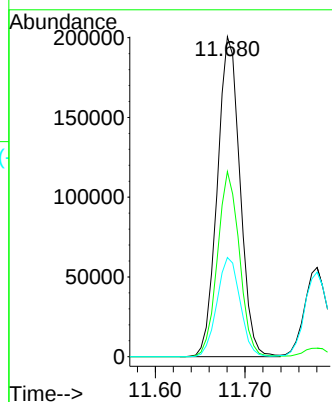
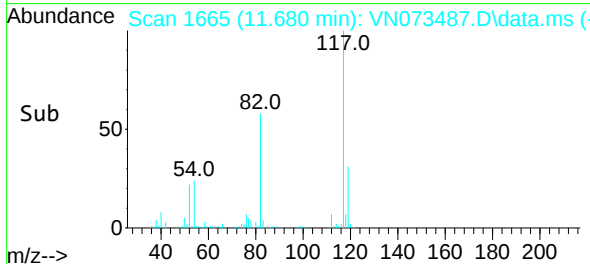
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



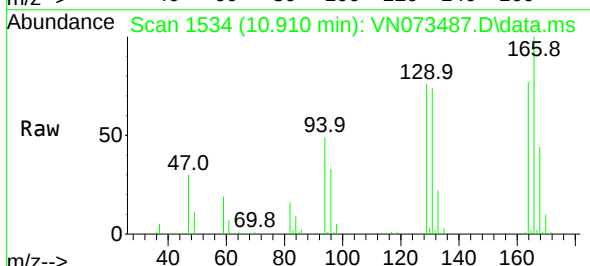
Tgt Ion:117 Resp: 35190
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 31.0 25.4 38.0

Manual Integrations
APPROVED

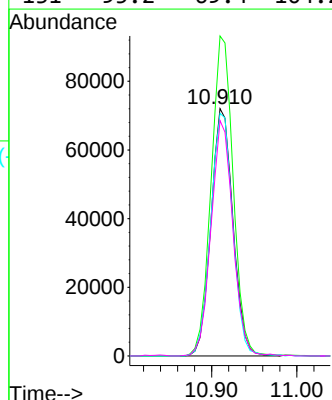
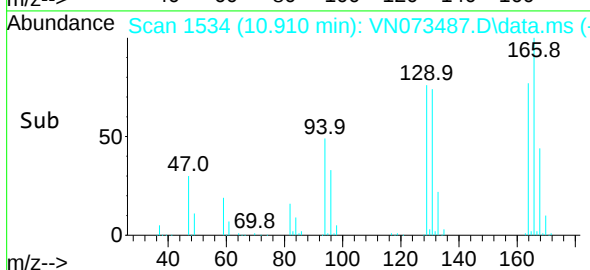
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

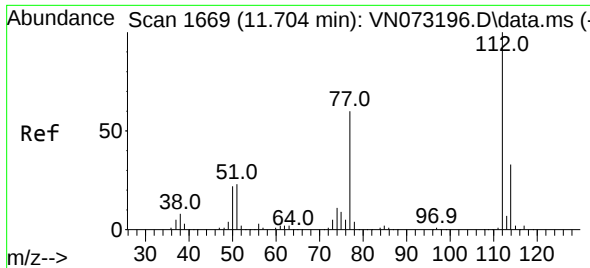


#64
Tetrachloroethene
Concen: 44.990 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



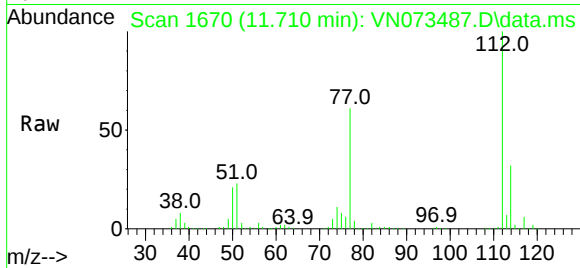
Tgt Ion:164 Resp: 129281
Ion Ratio Lower Upper
164 100
166 129.4 104.2 156.2
129 98.0 73.9 110.9
131 95.2 69.4 104.2





#65
Chlorobenzene
Concen: 48.966 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

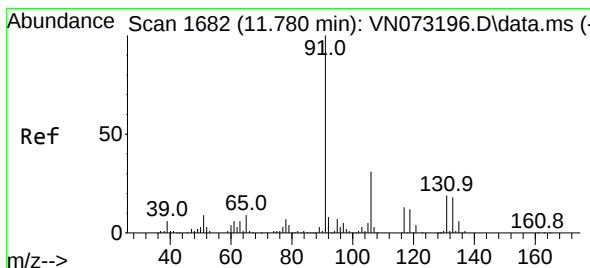
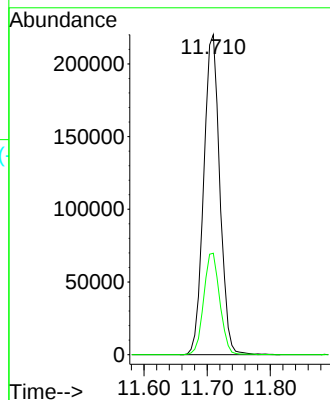
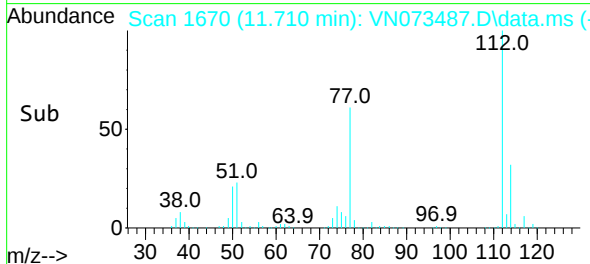
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



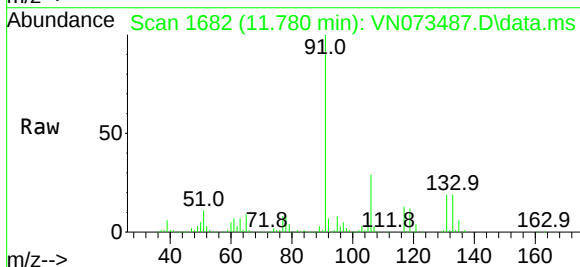
Tgt Ion:112 Resp: 389714
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

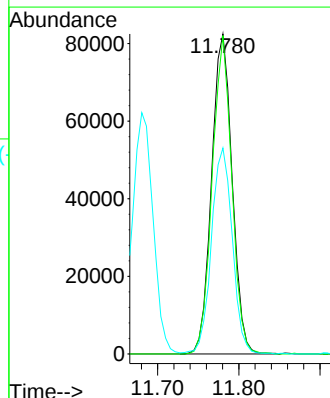
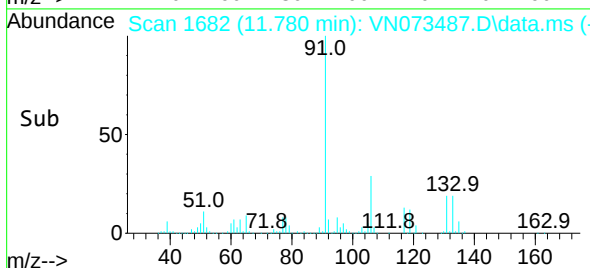
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

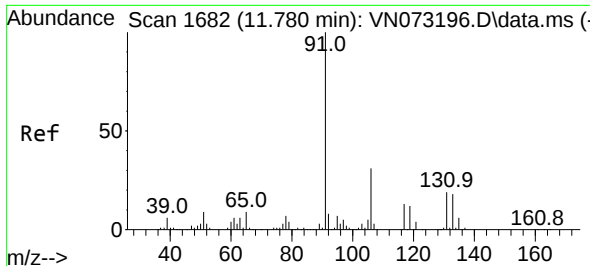


#66
1,1,1,2-Tetrachloroethane
Concen: 49.518 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



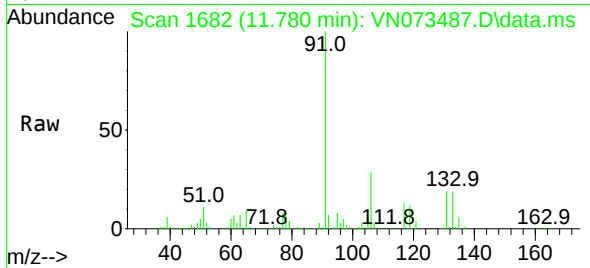
Tgt Ion:131 Resp: 144959
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 65.5 33.4 100.2





#67
Ethyl Benzene
Concen: 50.393 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

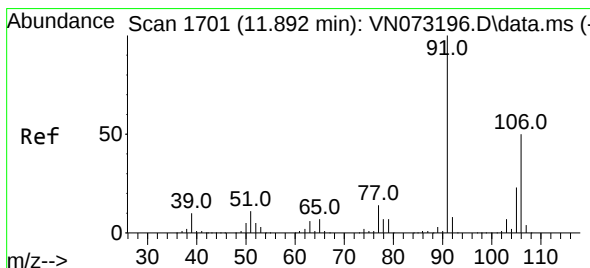
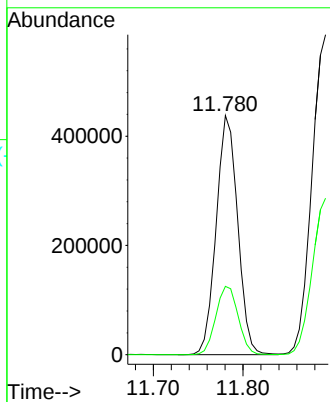
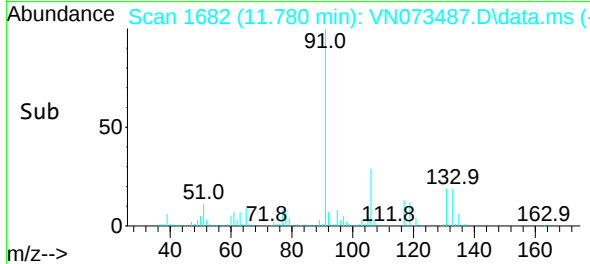
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



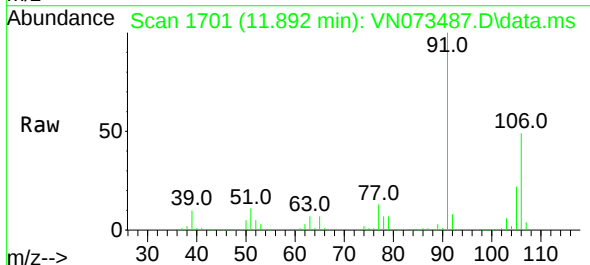
Tgt Ion: 91 Resp: 728130
Ion Ratio Lower Upper
91 100
106 28.6 24.9 37.3

Manual Integrations
APPROVED

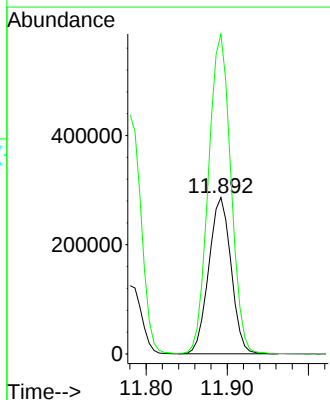
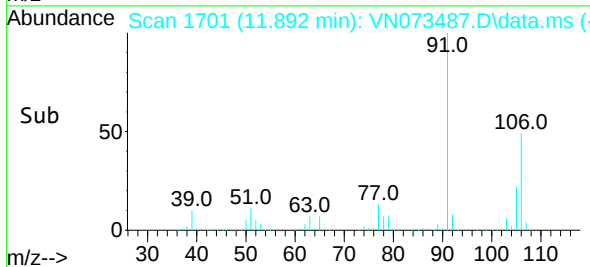
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

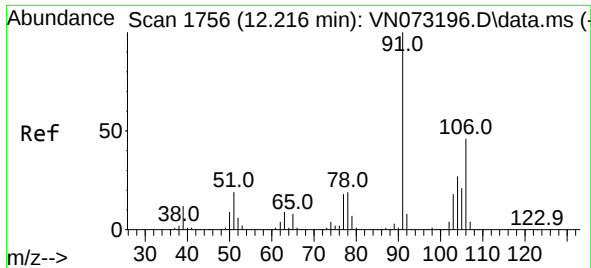


#68
m/p-Xylenes
Concen: 100.168 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



Tgt Ion:106 Resp: 546222
Ion Ratio Lower Upper
106 100
91 206.1 158.9 238.3





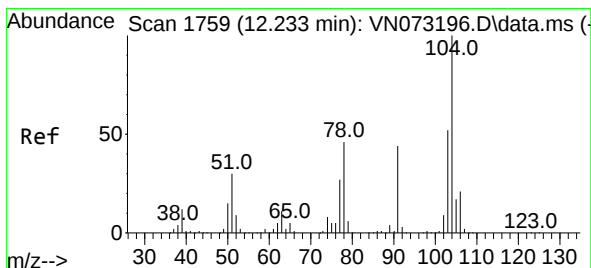
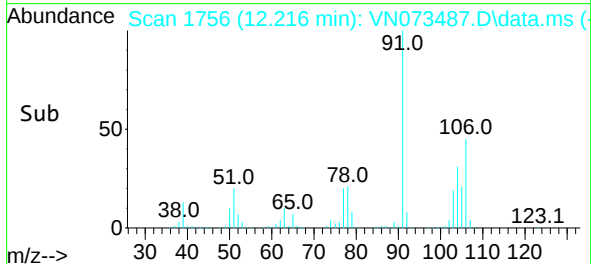
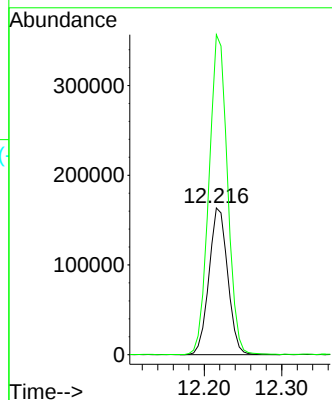
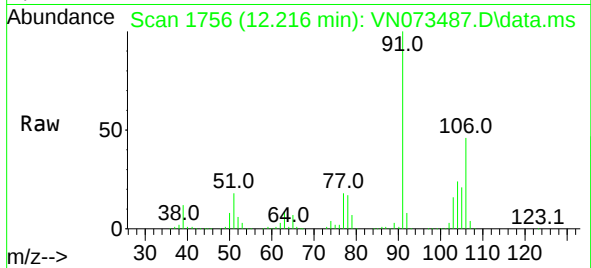
#69
o-Xylene
Concen: 49.221 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 274000
Ion Ratio Lower Upper
106 100
91 216.0 106.0 318.0

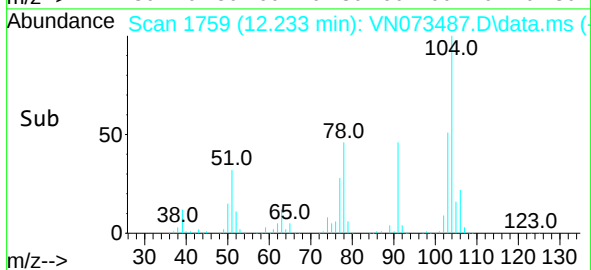
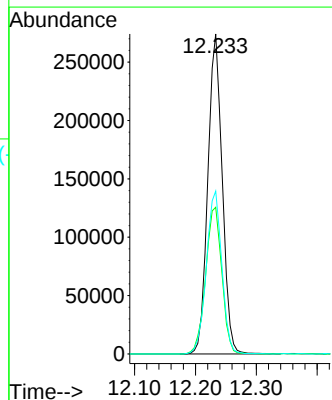
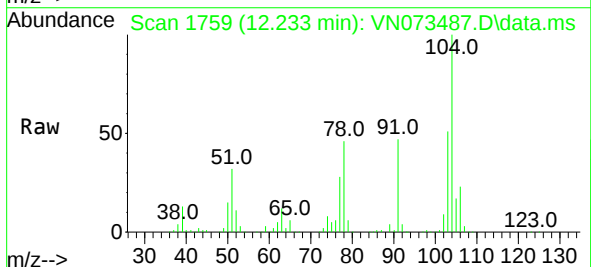
Manual Integrations
APPROVED

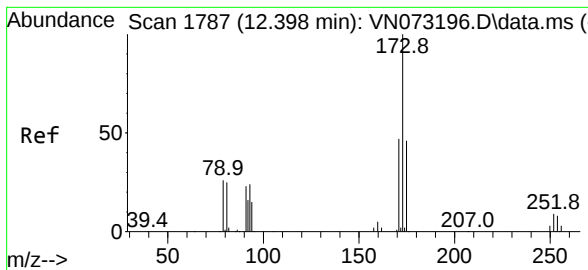
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#70
Styrene
Concen: 52.564 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

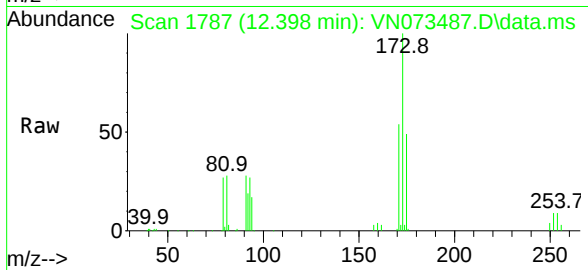
Tgt Ion:104 Resp: 451775
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 53.753 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

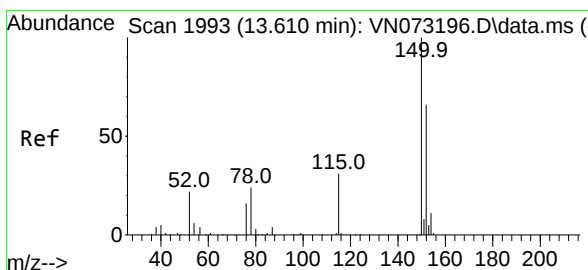
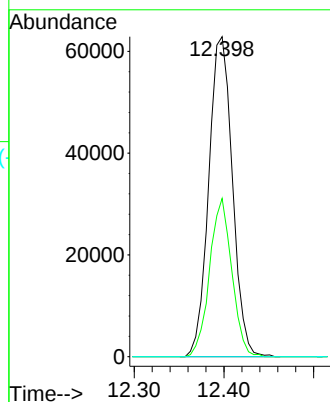
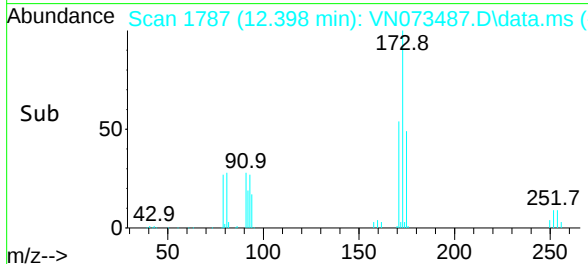
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



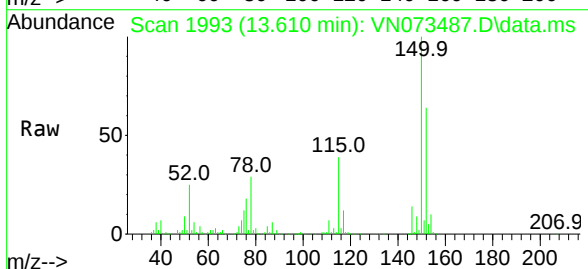
Tgt Ion:173 Resp: 11514
Ion Ratio Lower Upper
173 100
175 46.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

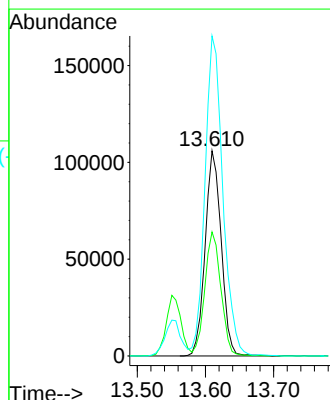
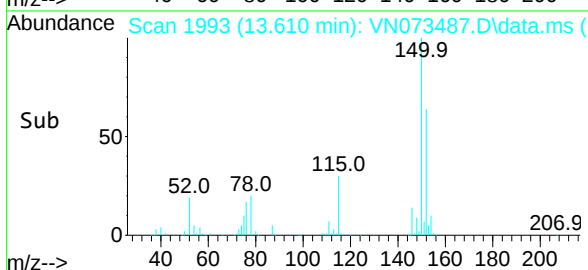
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

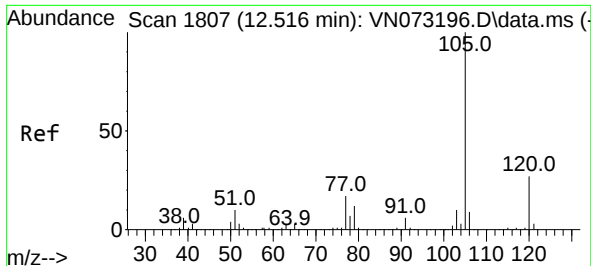


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



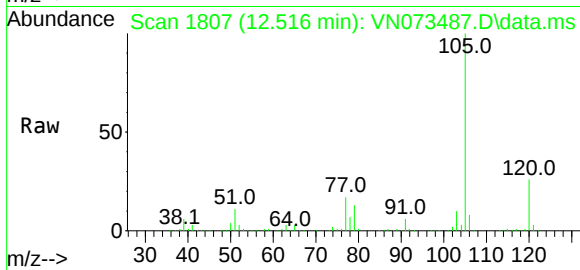
Tgt Ion:152 Resp: 173736
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 173.7 0.0 356.2





#73
Isopropylbenzene
Concen: 47.821 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

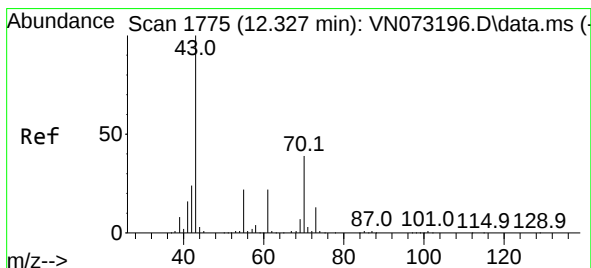
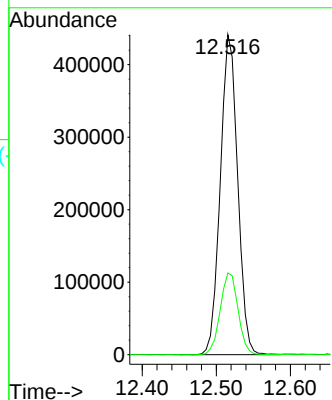
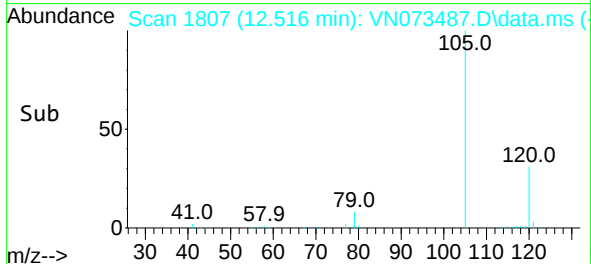
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



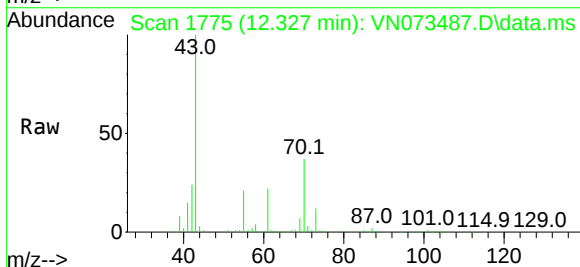
Tgt Ion:105 Resp: 71744
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

Manual Integrations
APPROVED

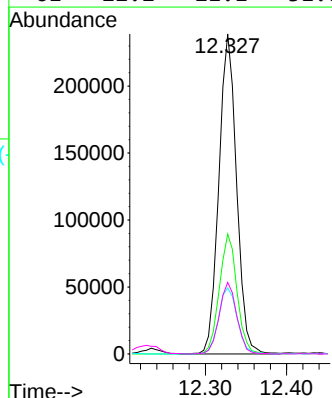
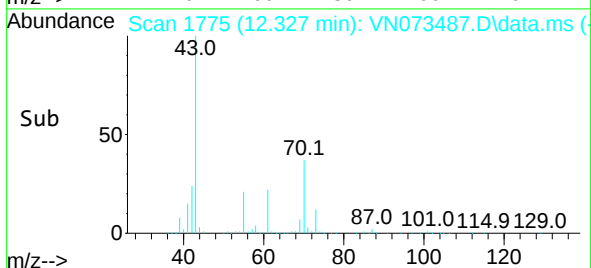
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

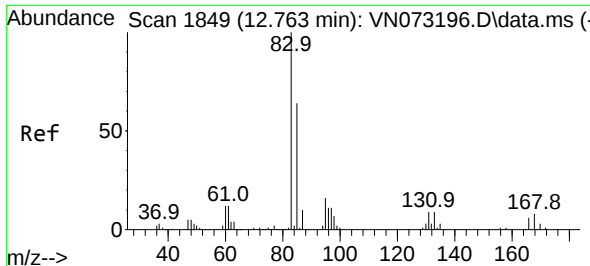


#74
N-ethyl acetate
Concen: 48.216 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



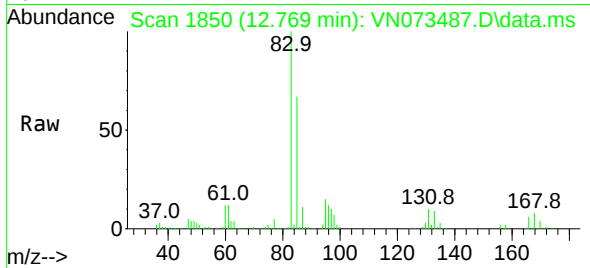
Tgt Ion: 43 Resp: 362211
Ion Ratio Lower Upper
43 100
70 37.4 39.0 58.4#
55 21.8 21.1 31.7
61 22.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.820 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.005 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

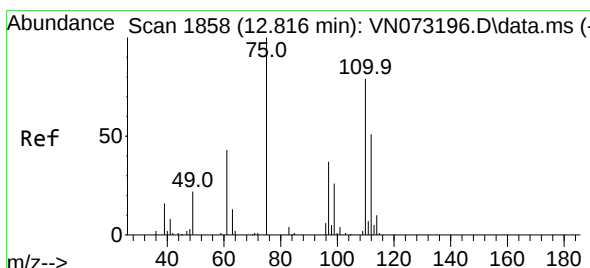
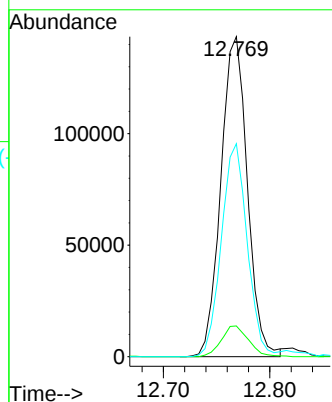
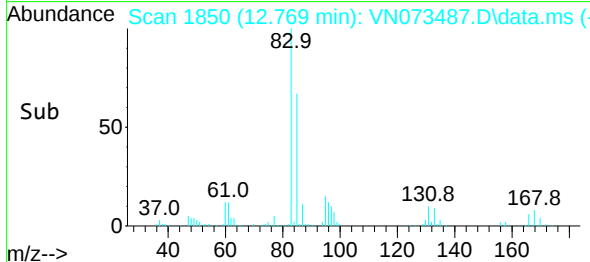
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



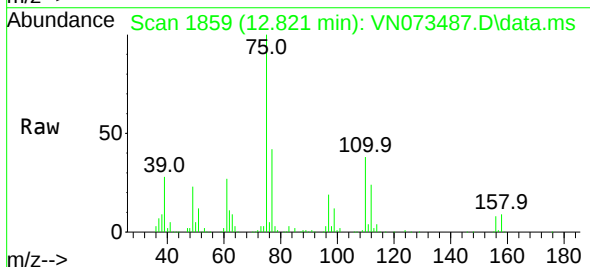
Tgt Ion: 83 Resp: 24803
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.9
85 64.7 32.3 96.9

Manual Integrations
APPROVED

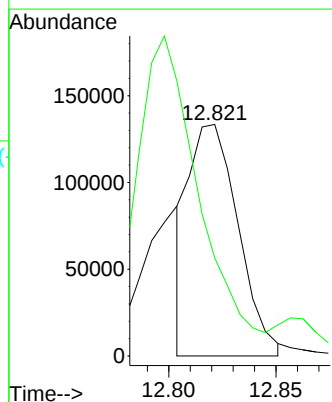
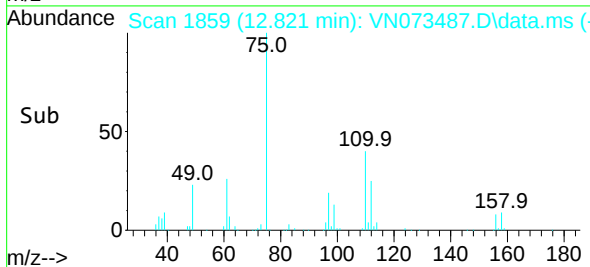
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

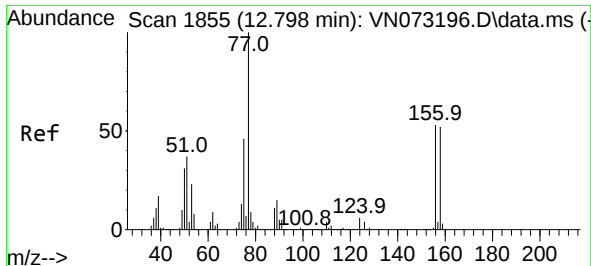


#76
1,2,3-Trichloropropane
Concen: 46.797 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



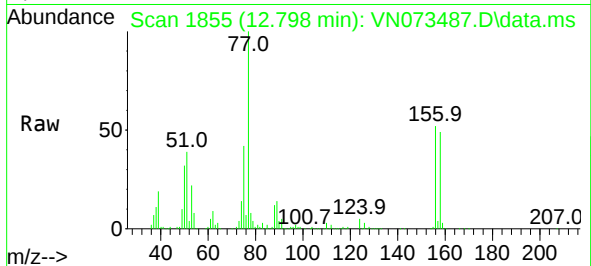
Tgt Ion: 75 Resp: 212591
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 45.750 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

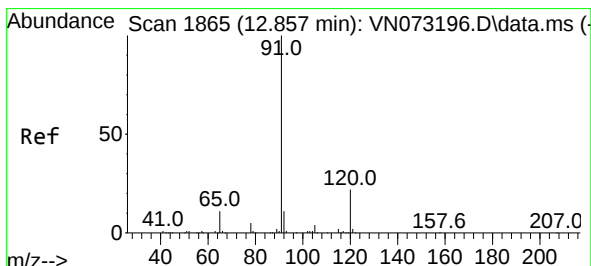
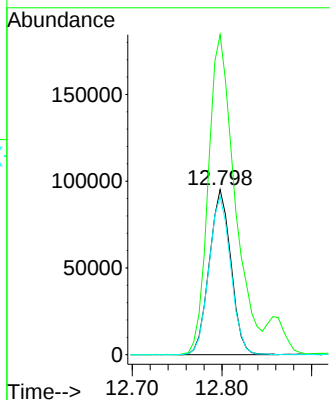
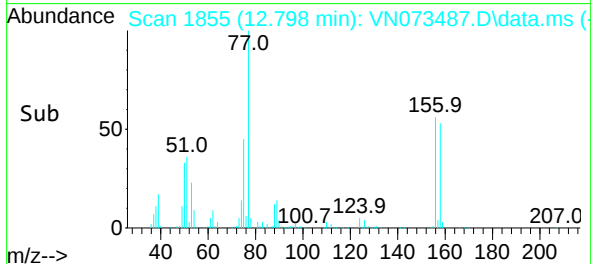
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



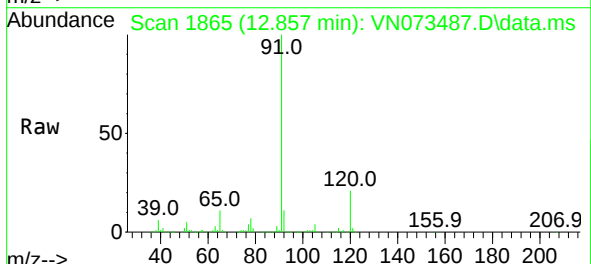
Tgt Ion:156 Resp: 15958
Ion Ratio Lower Upper
156 100
77 237.4 100.5 301.5
158 96.7 48.9 146.6

Manual Integrations
APPROVED

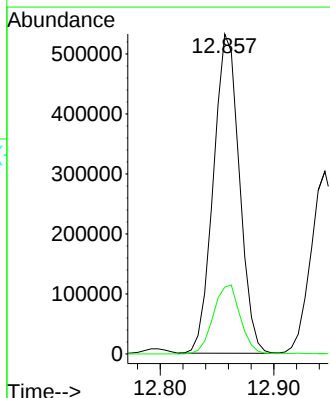
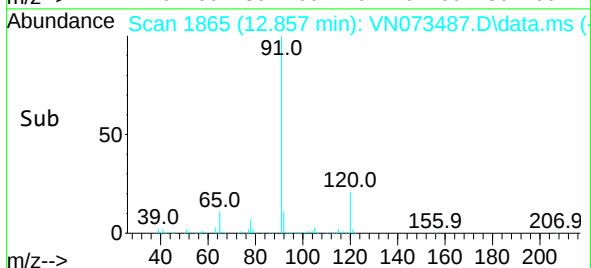
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

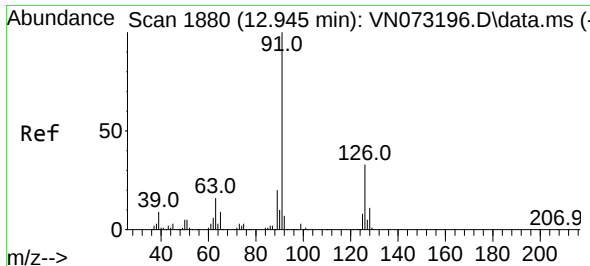


#78
n-propylbenzene
Concen: 50.735 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



Tgt Ion: 91 Resp: 845596
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





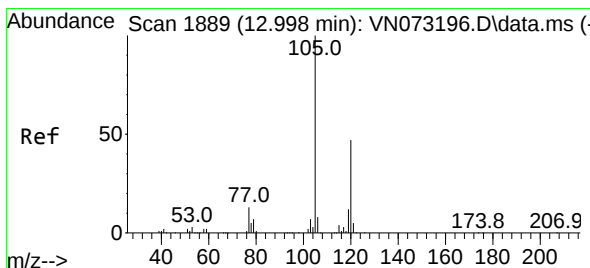
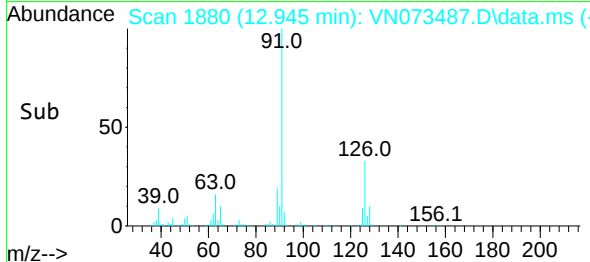
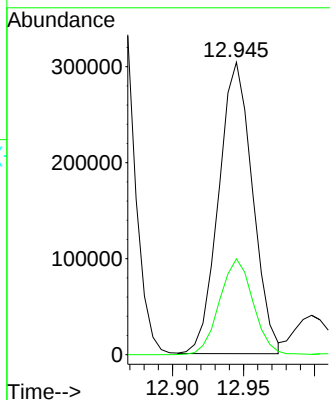
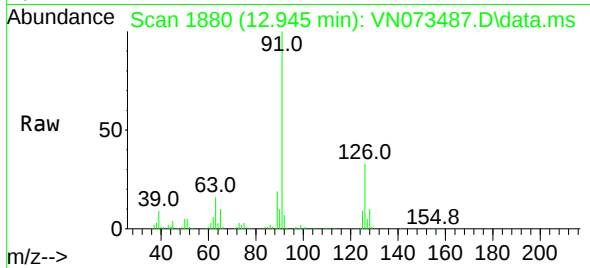
#79
2-Chlorotoluene
Concen: 47.797 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 504194
Ion Ratio Lower Upper
91 100
126 32.5 17.3 51.9

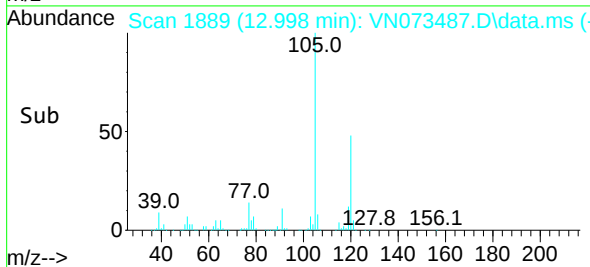
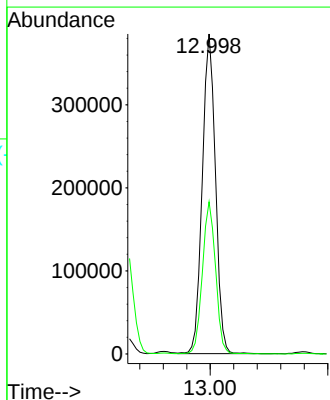
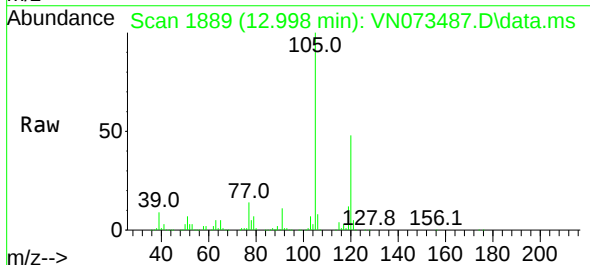
Manual Integrations
APPROVED

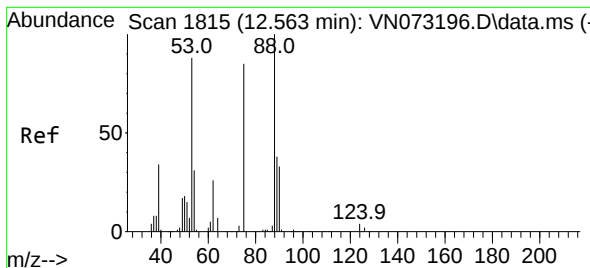
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.261 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

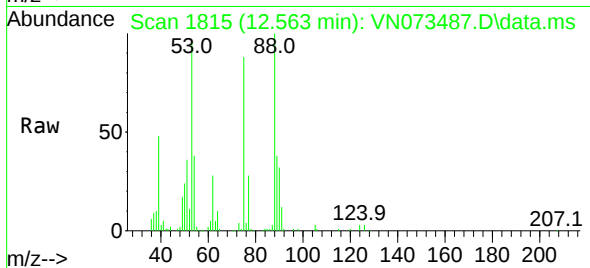
Tgt Ion:105 Resp: 602390
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.426 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

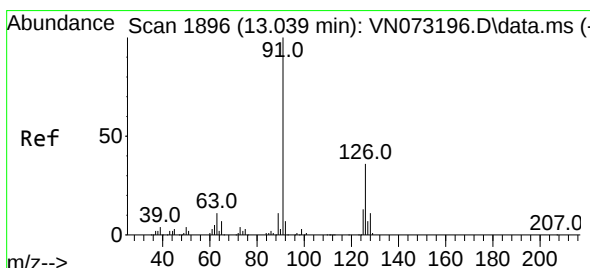
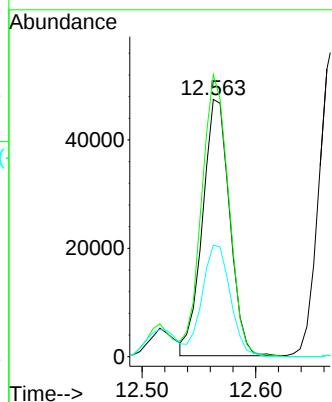
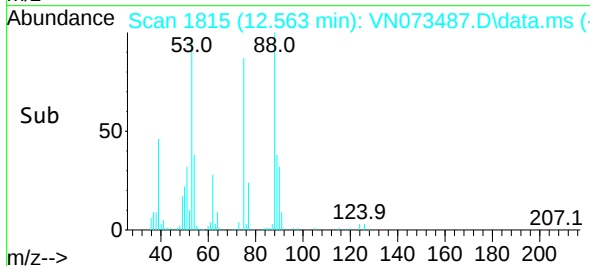
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



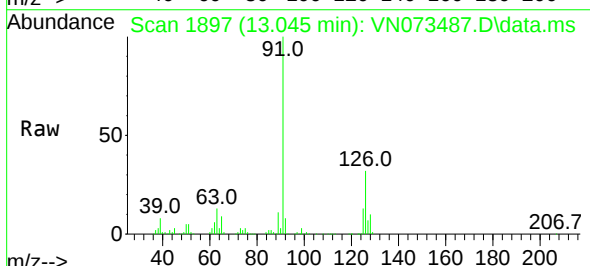
Tgt Ion: 75 Resp: 7856
Ion Ratio Lower Upper
75 100
53 110.3 78.0 117.0
89 44.9 37.2 55.8

Manual Integrations
APPROVED

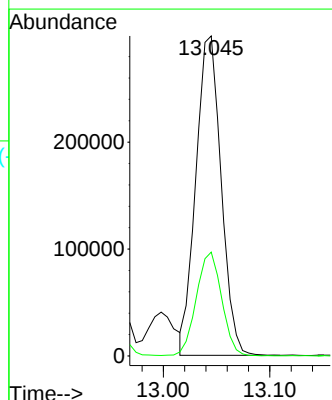
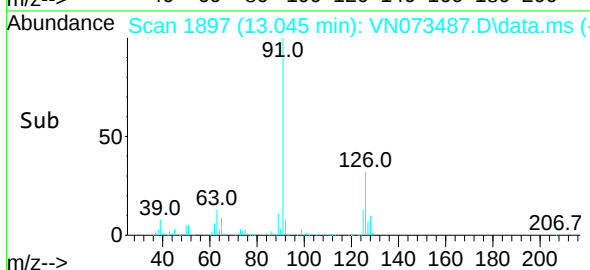
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#82
4-Chlorotoluene
Concen: 48.136 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



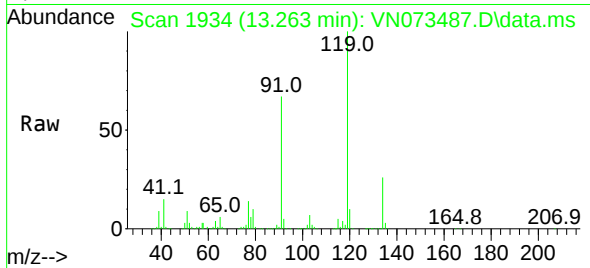
Tgt Ion: 91 Resp: 491577
Ion Ratio Lower Upper
91 100
126 32.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.475 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

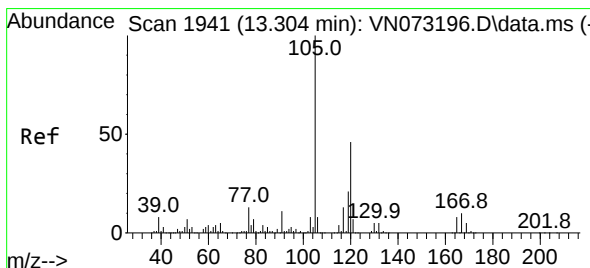
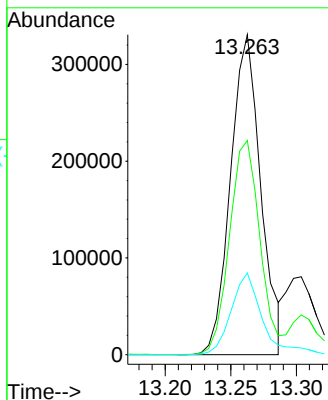
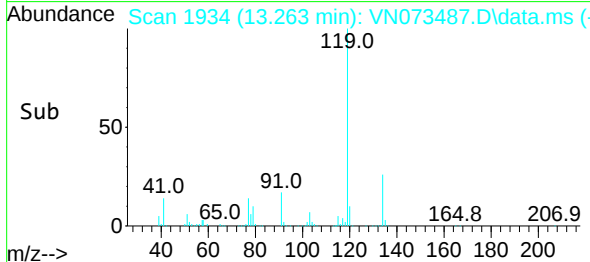
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



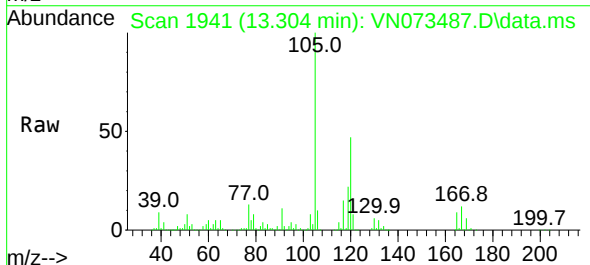
Tgt Ion:119 Resp: 53143
Ion Ratio Lower Upper
119 100
91 67.0 31.6 94.8
134 26.4 13.7 41.1

Manual Integrations
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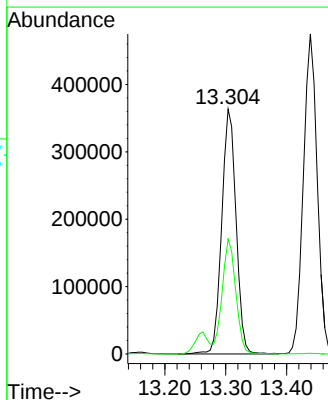
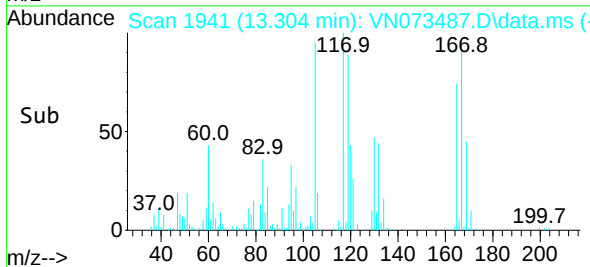
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

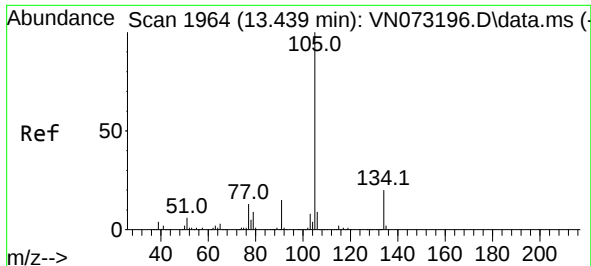


#84
1,2,4-Trimethylbenzene
Concen: 48.676 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



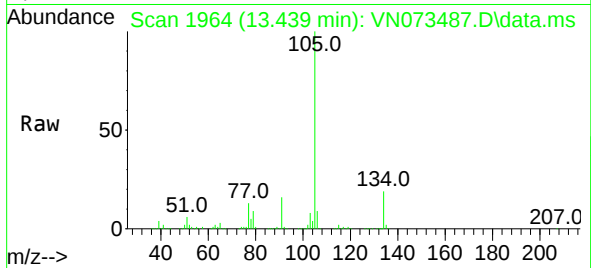
Tgt Ion:105 Resp: 594282
Ion Ratio Lower Upper
105 100
120 44.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 51.027 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073487.D
 Acq: 15 Jul 2022 17:14

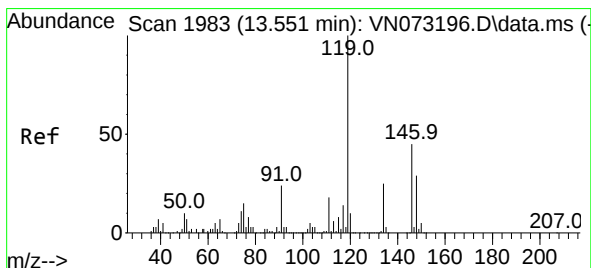
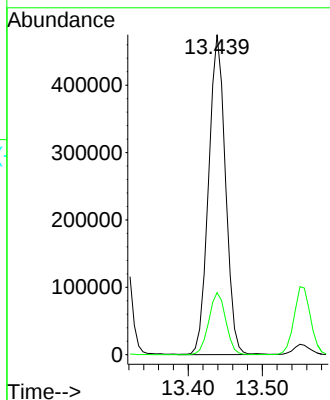
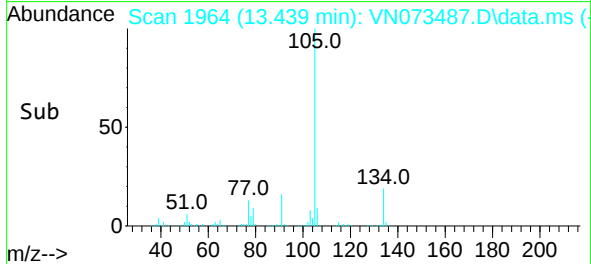
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



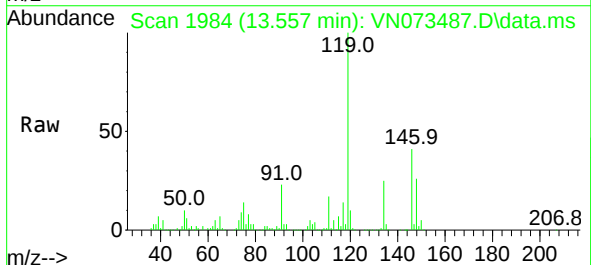
Tgt Ion:105 Resp: 75117
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations
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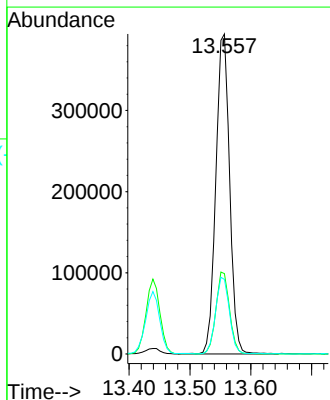
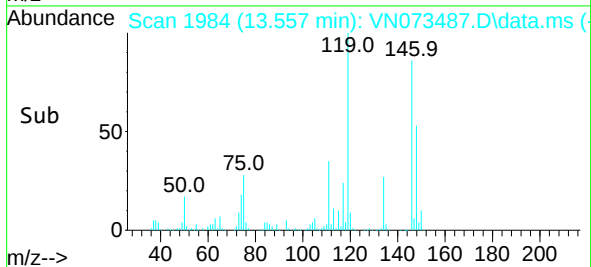
Reviewed By :John Carlone 07/18/2022
 Supervised By :Mahesh Dadoda 07/18/2022

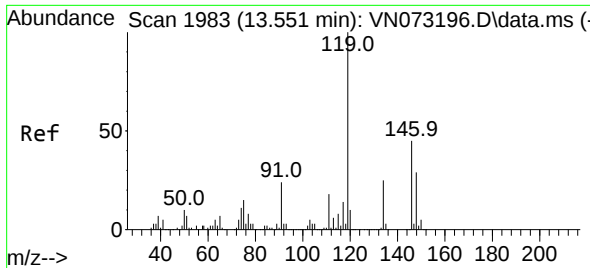


#86
 p-Isopropyltoluene
 Concen: 52.036 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073487.D
 Acq: 15 Jul 2022 17:14



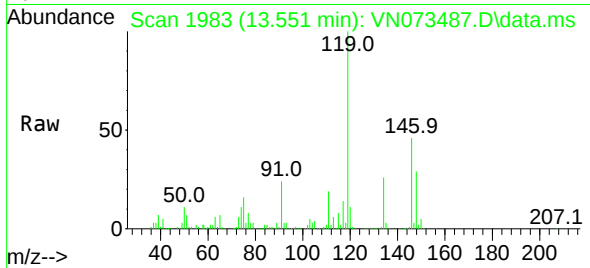
Tgt Ion:119 Resp: 618810
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 23.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.436 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

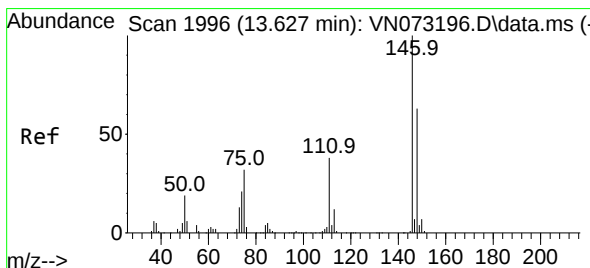
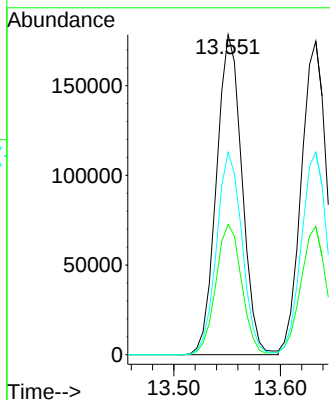
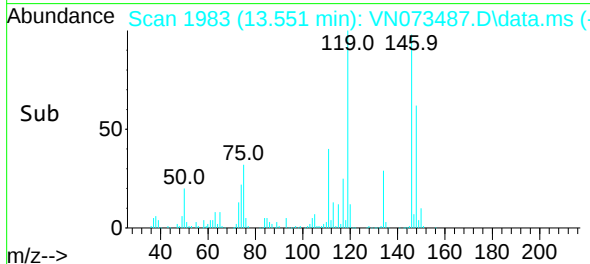
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



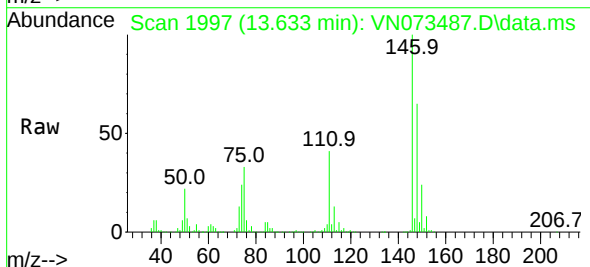
Tgt Ion:146 Resp: 296838
Ion Ratio Lower Upper
146 100
111 41.0 20.0 60.0
148 63.1 32.0 96.0

Manual Integrations
APPROVED

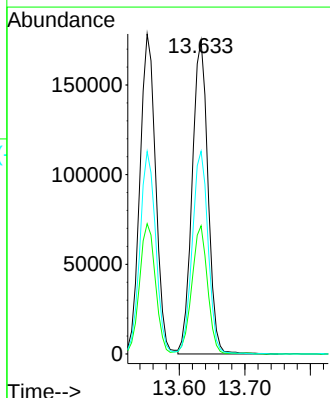
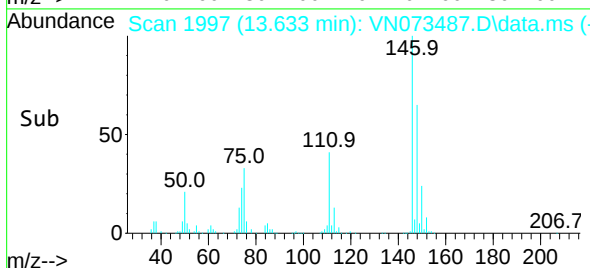
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

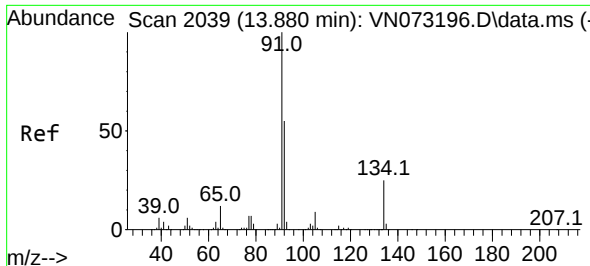


#88
1,4-Dichlorobenzene
Concen: 46.871 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



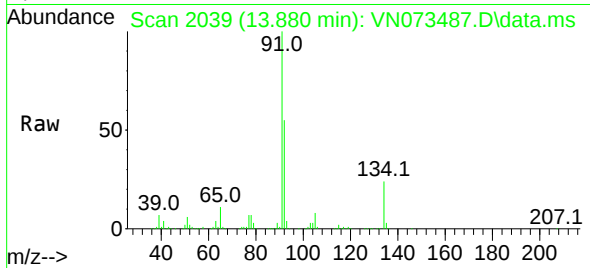
Tgt Ion:146 Resp: 293878
Ion Ratio Lower Upper
146 100
111 40.2 19.1 57.1
148 64.9 31.4 94.3





#89
n-Butylbenzene
Concen: 53.245 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

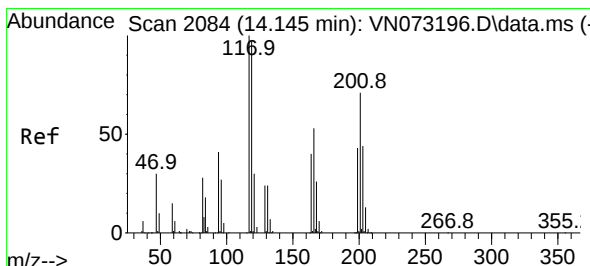
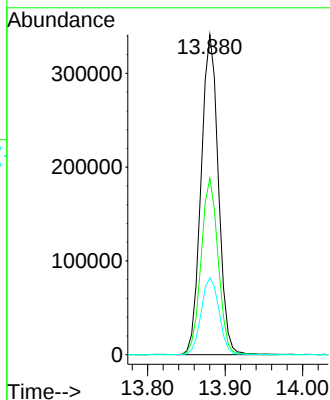
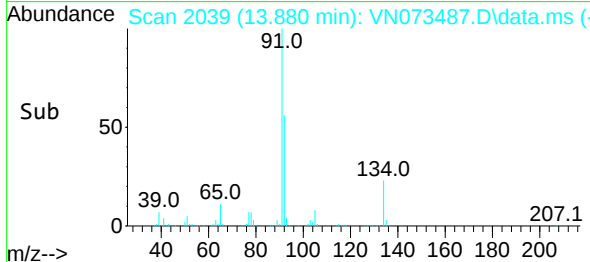
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



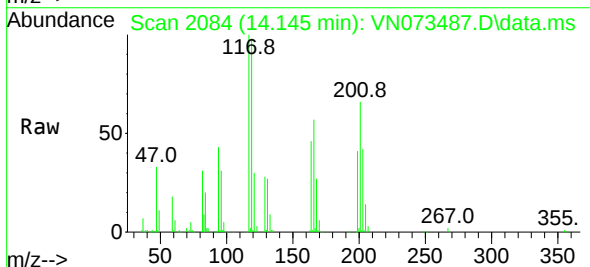
Tgt Ion: 91 Resp: 527620
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 25.0 13.6 40.8

Manual Integrations
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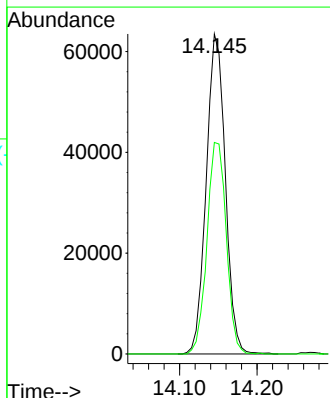
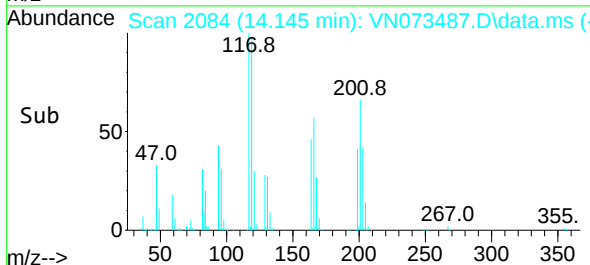
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#90
Hexachloroethane
Concen: 49.019 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



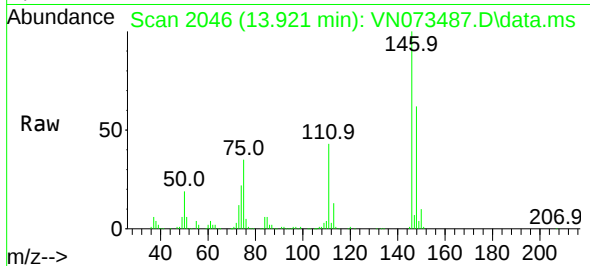
Tgt Ion:117 Resp: 108636
Ion Ratio Lower Upper
117 100
201 66.8 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 47.515 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

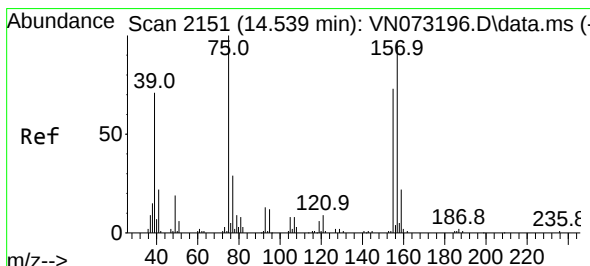
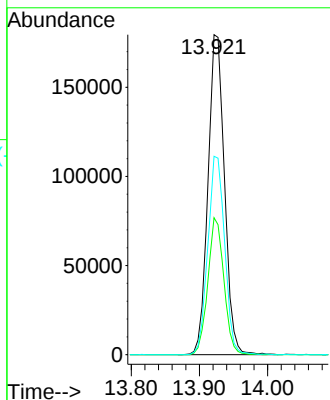
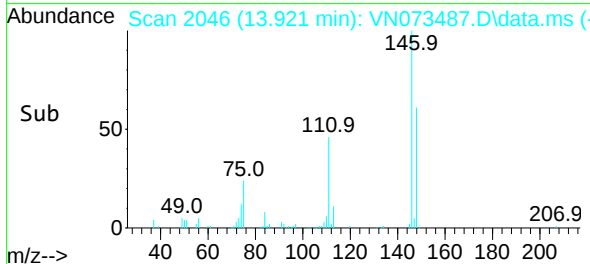
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



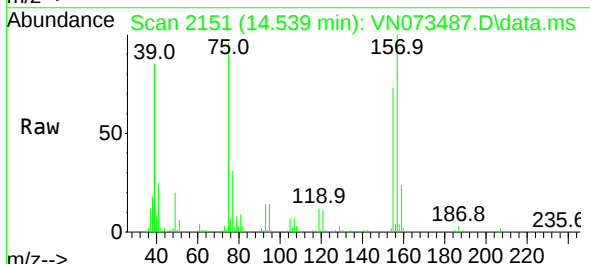
Tgt Ion:146 Resp: 30289
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.8
148 63.3 32.1 96.3

Manual Integrations
APPROVED

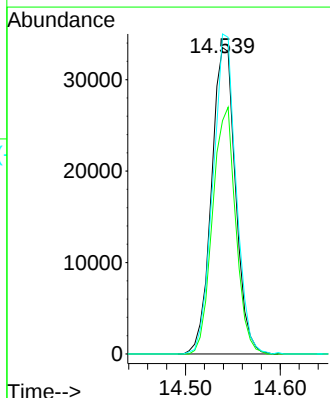
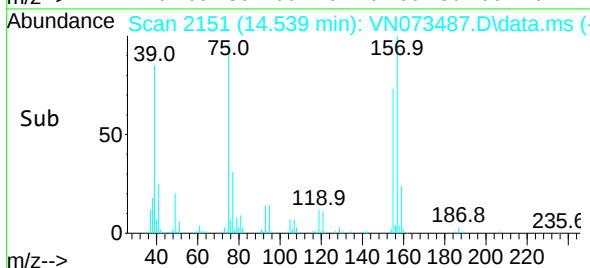
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.860 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14



Tgt Ion: 75 Resp: 59123
Ion Ratio Lower Upper
75 100
155 77.2 44.9 134.5
157 100.0 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 49.355 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 163818

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.5

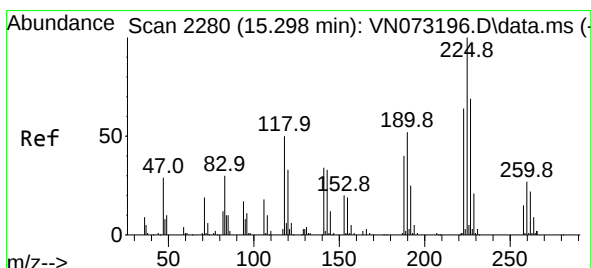
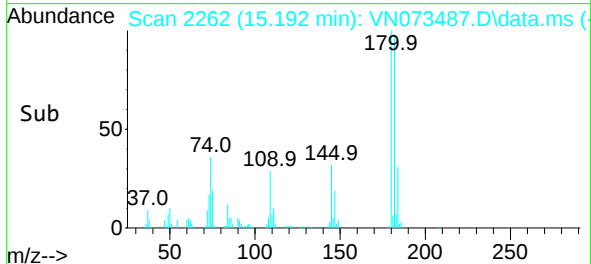
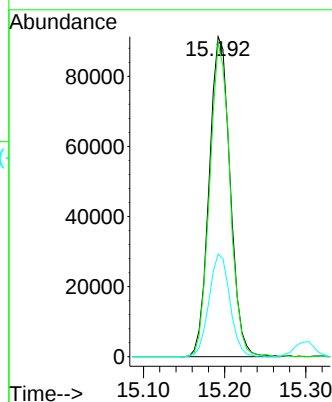
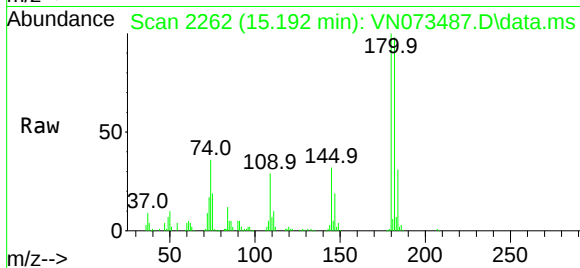
145 32.0 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022



#94

Hexachlorobutadiene

Concen: 46.619 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073487.D

Acq: 15 Jul 2022 17:14

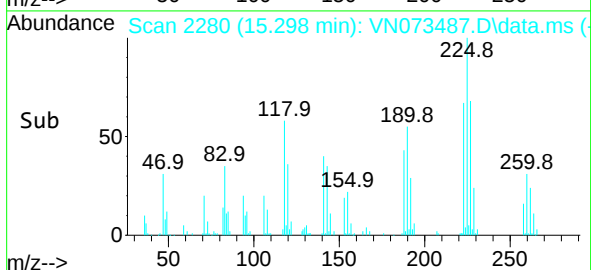
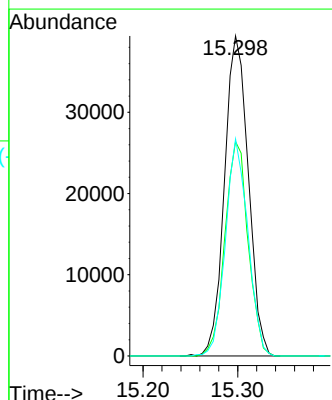
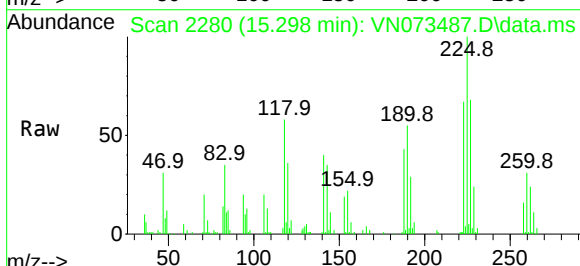
Tgt Ion:225 Resp: 68786

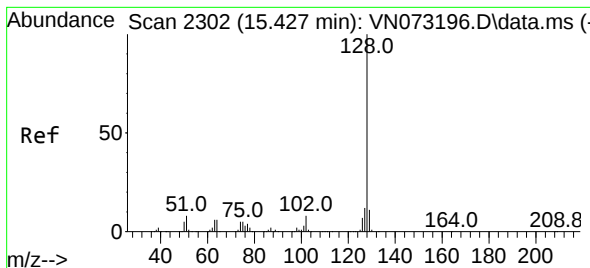
Ion Ratio Lower Upper

225 100

223 65.3 32.4 97.2

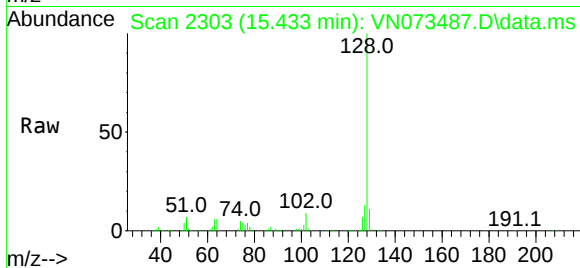
227 64.0 31.8 95.4





#95
Naphthalene
Concen: 46.363 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

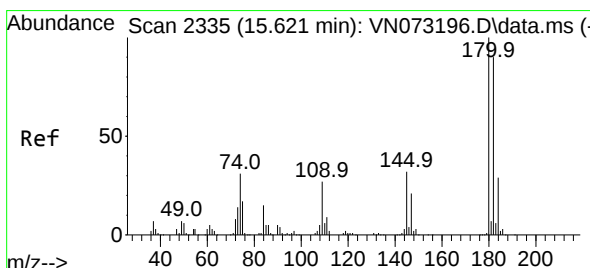
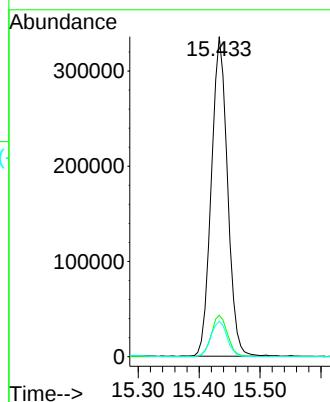
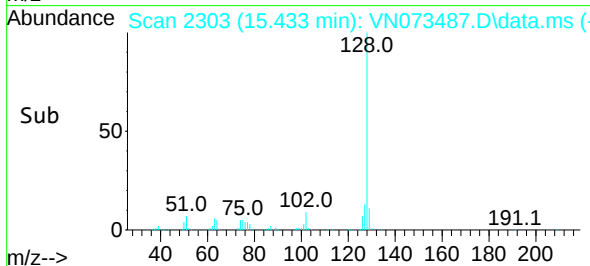
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 620800
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.159 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073487.D
Acq: 15 Jul 2022 17:14

Tgt Ion:180 Resp: 164893
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 33.7 15.5 46.5

