

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073509.D
 Acq On : 18 Jul 2022 19:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 07:06:13 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	8.016	168	179568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	321688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	303484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	150598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	148159	57.154	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.300%			
35) Dibromofluoromethane	7.951	113	121532	56.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.560%			
50) Toluene-d8	10.381	98	408271	53.710	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.420%			
62) 4-Bromofluorobenzene	12.669	95	170431	58.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	121411	46.246	ug/l	97
3) Chloromethane	2.263	50	126303	49.554	ug/l	98
4) Vinyl Chloride	2.405	62	108260	49.990	ug/l	95
5) Bromomethane	2.775	94	44400	43.407	ug/l	94
6) Chloroethane	2.940	64	71438	56.077	ug/l	99
7) Trichlorofluoromethane	3.305	101	180394	48.182	ug/l	98
8) Diethyl Ether	3.763	74	86123	56.508	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.134	101	114837	51.910	ug/l	97
10) Methyl Iodide	4.340	142	126606	48.592	ug/l	95
11) Tert butyl alcohol	5.299	59	210620	335.402	ug/l	100
12) 1,1-Dichloroethene	4.104	96	109775	51.931	ug/l	99
13) Acrolein	3.975	56	76414	192.520	ug/l	97
14) Allyl chloride	4.757	41	253691	56.969	ug/l #	88
15) Acrylonitrile	5.475	53	561612	347.416	ug/l	100
16) Acetone	4.222	43	509970	350.475	ug/l	95
17) Carbon Disulfide	4.452	76	235804	43.020	ug/l	99
18) Methyl Acetate	4.775	43	308860	75.744	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	462016	59.969	ug/l	99
20) Methylene Chloride	5.010	84	143107	55.963	ug/l	88
21) trans-1,2-Dichloroethene	5.516	96	115464	52.276	ug/l	99
22) Diisopropyl ether	6.410	45	541890	65.212	ug/l #	95
23) Vinyl Acetate	6.351	43	2277657	306.142	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	263590	61.297	ug/l	100
25) 2-Butanone	7.257	43	837626	361.569	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	161590	40.630	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	148705	55.595	ug/l	97
28) Bromochloromethane	7.587	49	120587	66.957	ug/l #	79
29) Tetrahydrofuran	7.610	42	551056	347.394	ug/l #	86
30) Chloroform	7.745	83	259724	59.967	ug/l	100
31) Cyclohexane	8.022	56	207335	48.837	ug/l	85
32) 1,1,1-Trichloroethane	7.940	97	215038	55.713	ug/l	98
36) 1,1-Dichloropropene	8.151	75	172816	52.477	ug/l	96
37) Ethyl Acetate	7.340	43	308774	62.054	ug/l #	94
38) Carbon Tetrachloride	8.134	117	175344	51.487	ug/l	98
39) Methylcyclohexane	9.392	83	193866	47.285	ug/l	92
40) Benzene	8.387	78	559062	55.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	164047	67.978	ug/l #	80
42) 1,2-Dichloroethane	8.463	62	208977	56.724	ug/l	99
43) Isopropyl Acetate	8.492	43	443303	61.989	ug/l #	92
44) Trichloroethene	9.151	130	134037	51.825	ug/l	94
45) 1,2-Dichloropropane	9.428	63	154449	59.623	ug/l	99
46) Dibromomethane	9.516	93	99787	56.734	ug/l	90
47) Bromodichloromethane	9.704	83	203016	59.595	ug/l	97
48) Methyl methacrylate	9.498	41	201472	60.847	ug/l	90
49) 1,4-Dioxane	9.504	88	84826	1349.494	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1580615	348.537	ug/l	90
52) Toluene	10.445	92	340674	54.240	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	204339	54.488	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	226482	55.940	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	151392	58.549	ug/l	96
56) Ethyl methacrylate	10.704	69	252303	60.368	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	262529	59.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	561966	301.496	ug/l	92
59) 2-Hexanone	11.028	43	1219443	352.756	ug/l	89
60) Dibromochloromethane	11.180	129	149563	60.667	ug/l	99
61) 1,2-Dibromoethane	11.286	107	149794	57.998	ug/l	99
64) Tetrachloroethene	10.916	164	120693	48.702	ug/l	93
65) Chlorobenzene	11.710	112	360818	52.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	137084	54.299	ug/l	97
67) Ethyl Benzene	11.786	91	667180	53.542	ug/l	99
68) m/p-Xylenes	11.892	106	500742	106.480	ug/l	95
69) o-Xylene	12.222	106	252930	52.685	ug/l	98
70) Styrene	12.233	104	419494	56.596	ug/l	98
71) Bromoform	12.398	173	107417	58.148	ug/l #	99
73) Isopropylbenzene	12.522	105	660145	50.762	ug/l	99
74) N-amyl acetate	12.327	43	356747	54.785	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	243172	56.349	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	219659m	55.782	ug/l	
77) Bromobenzene	12.798	156	152792	50.533	ug/l	84
78) n-propylbenzene	12.863	91	775090	53.650	ug/l	97
79) 2-Chlorotoluene	12.945	91	471602	51.577	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	548222	51.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	71036	49.472	ug/l	92
82) 4-Chlorotoluene	13.045	91	452371	51.102	ug/l	96
83) tert-Butylbenzene	13.263	119	480664	50.580	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	552909	52.245	ug/l	97
85) sec-Butylbenzene	13.439	105	691119	54.160	ug/l	97
86) p-Isopropyltoluene	13.557	119	546291	52.996	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	274903	50.680	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	271812	50.013	ug/l	99
89) n-Butylbenzene	13.880	91	462713	53.868	ug/l	97
90) Hexachloroethane	14.151	117	99309	51.695	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	285111	51.598	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	57763	55.070	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	141170	49.066	ug/l	98
94) Hexachlorobutadiene	15.304	225	64887	50.733	ug/l	98
95) Naphthalene	15.433	128	576740	49.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	150687	50.772	ug/l	98

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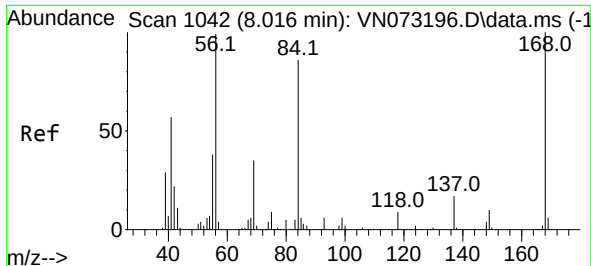
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

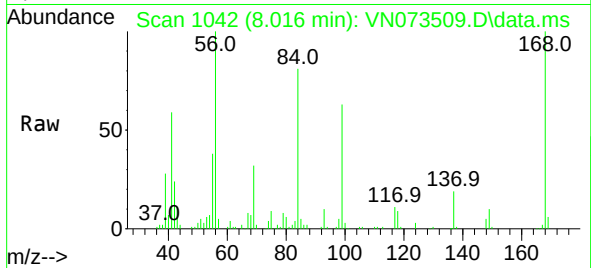
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073509.D
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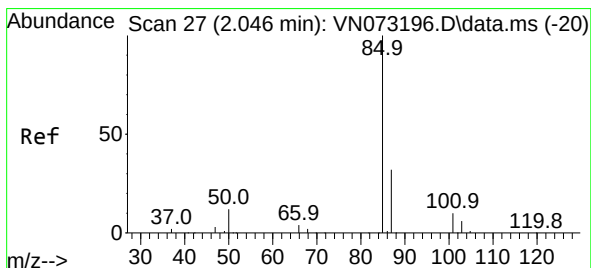
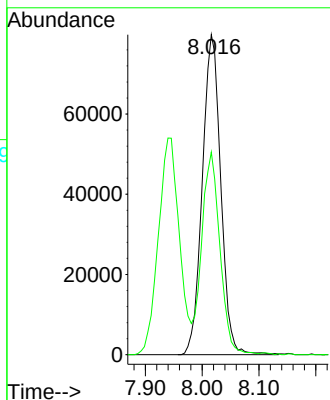
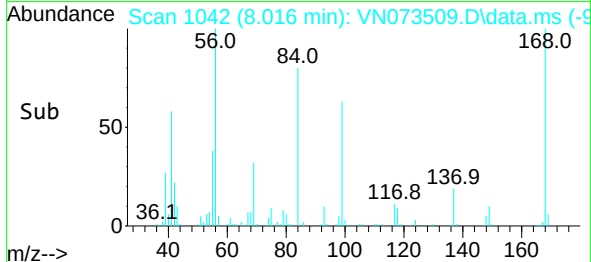
Instrument :
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Tgt Ion:168 Resp: 17956
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5

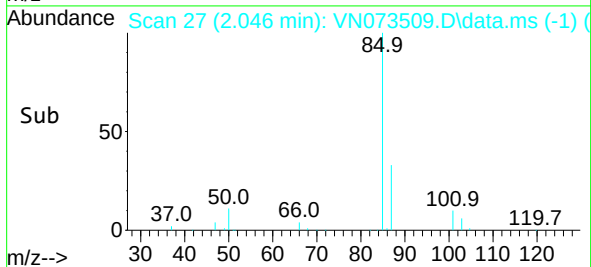
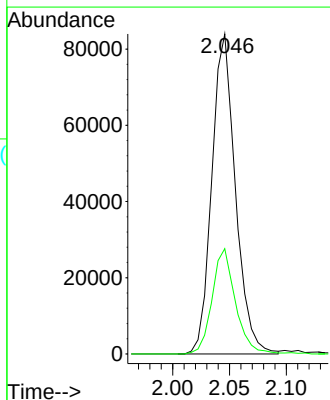
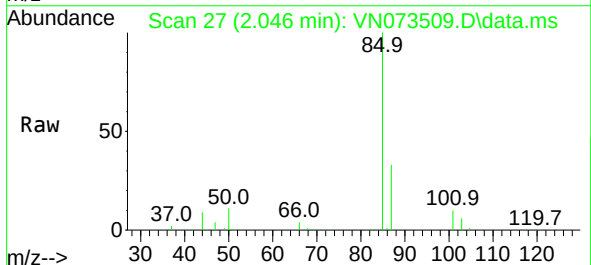
Manual Integrations
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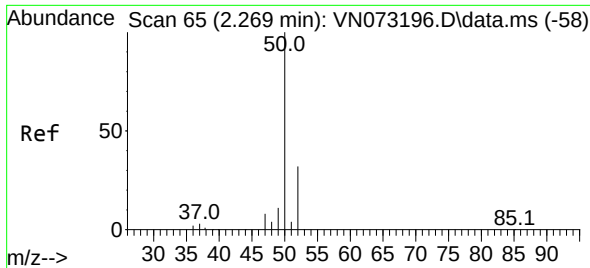
Reviewed By :John Carlone 07/19/2022
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#2
Dichlorodifluoromethane
Concen: 46.246 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Tgt Ion: 85 Resp: 121411
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.1





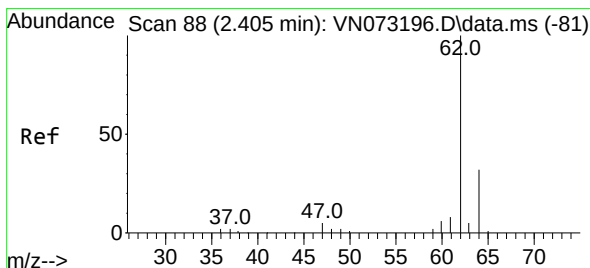
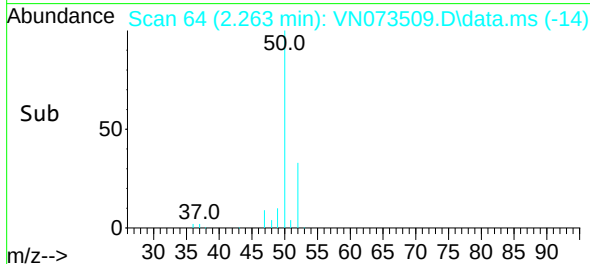
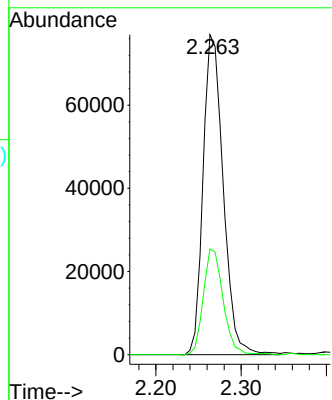
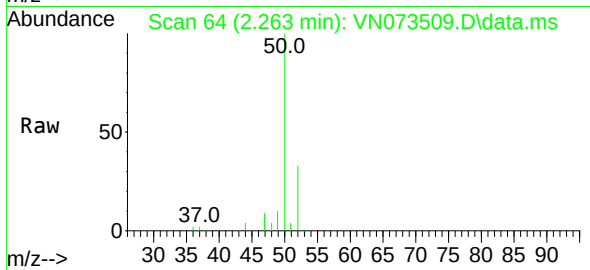
#3
Chloromethane
Concen: 49.554 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073509.D
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Tgt Ion: 50 Resp: 12630
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5

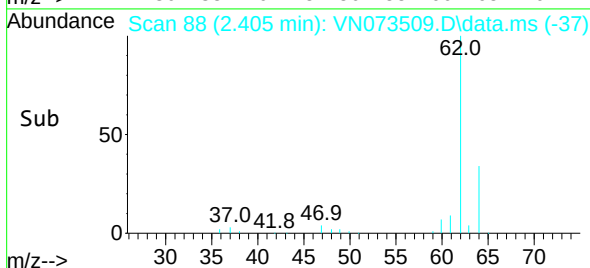
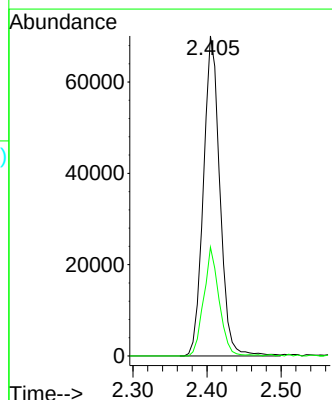
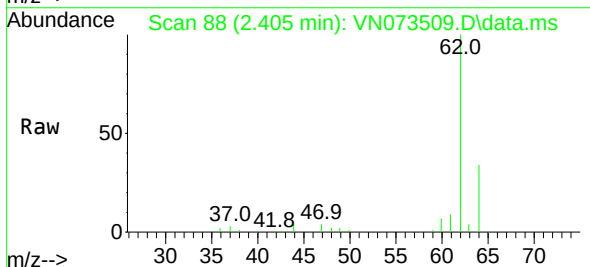
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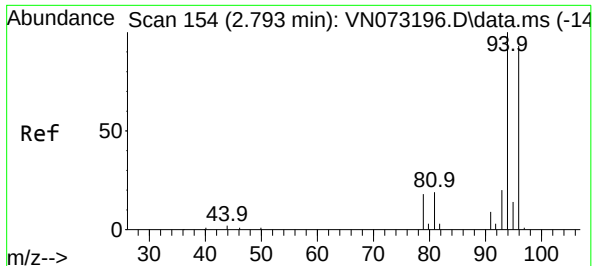
Reviewed By :John Carlone 07/19/2022
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#4
Vinyl Chloride
Concen: 49.990 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073509.D
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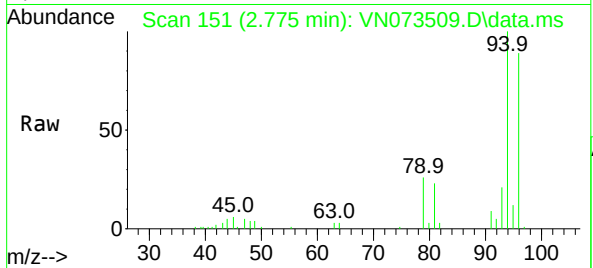
Tgt Ion: 62 Resp: 108260
Ion Ratio Lower Upper
62 100
64 34.0 25.0 37.4





#5
Bromomethane
Concen: 43.407 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN073509.D
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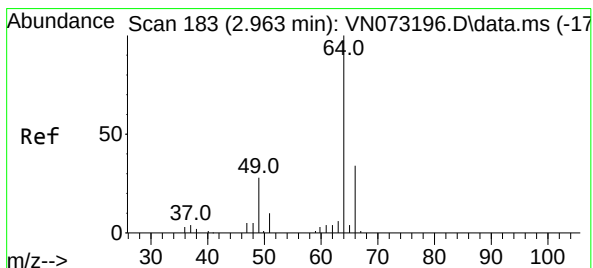
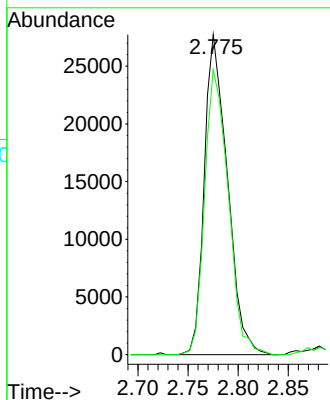
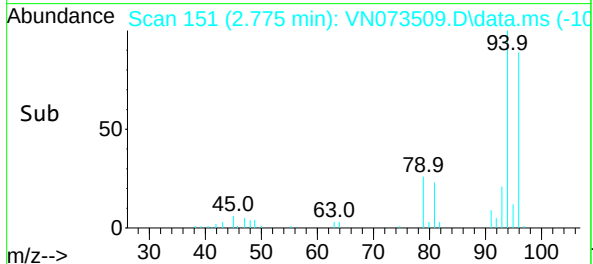
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Tgt Ion: 94 Resp: 44400
Ion Ratio Lower Upper
94 100
96 89.0 76.0 114.0

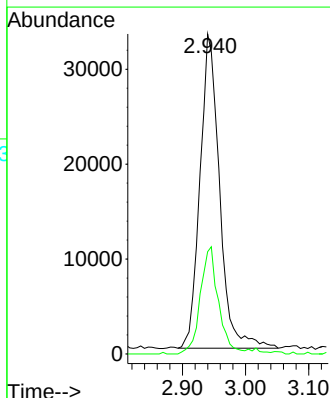
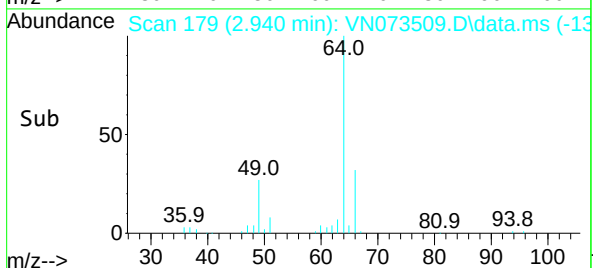
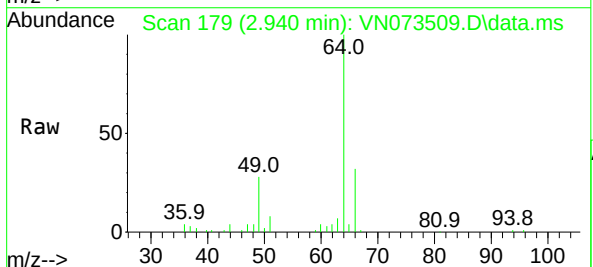
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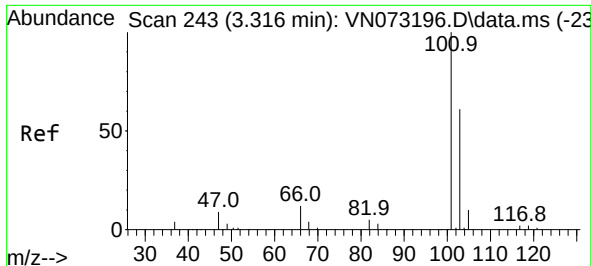
Reviewed By :John Carlone 07/19/2022
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#6
Chloroethane
Concen: 56.077 ug/l
RT: 2.940 min Scan# 179
Delta R.T. -0.023 min
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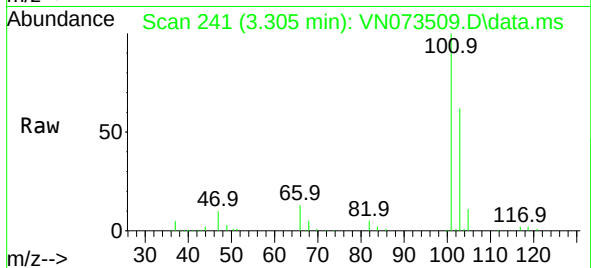
Tgt Ion: 64 Resp: 71438
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 48.182 ug/l
 RT: 3.305 min Scan# 241
 Delta R.T. -0.011 min
 Lab File: VN073509.D
 Acq: 18 Jul 2022 19:21

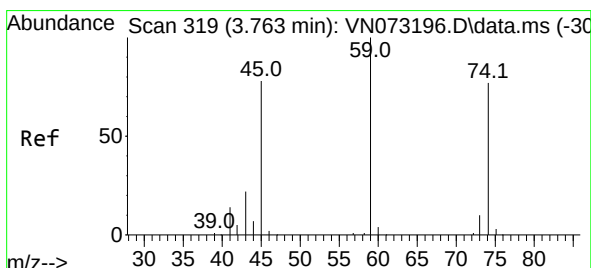
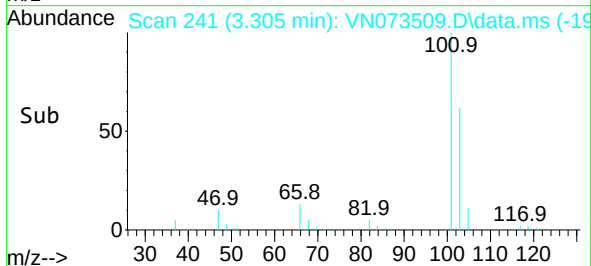
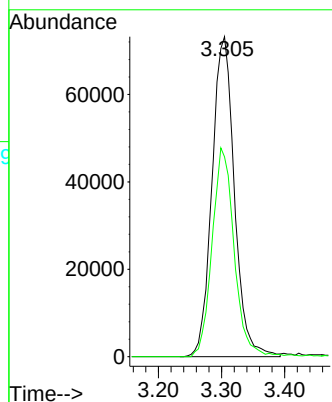
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 180394
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.5 77.3

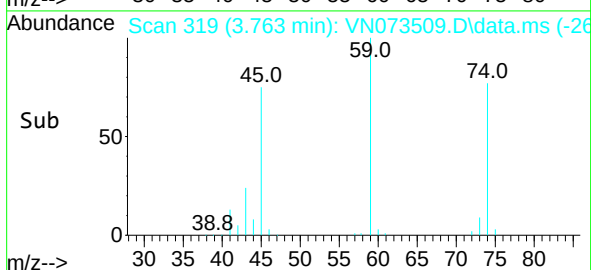
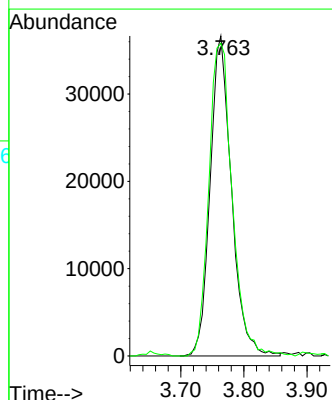
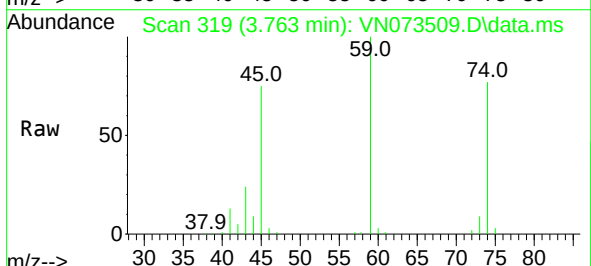
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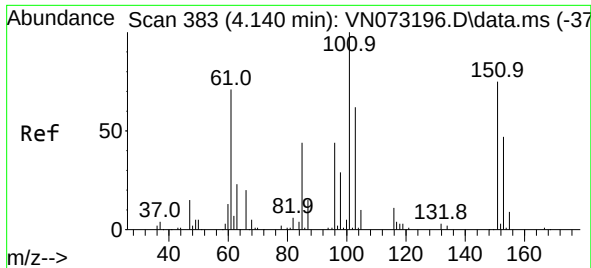
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#8
 Diethyl Ether
 Concen: 56.508 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073509.D
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Tgt Ion: 74 Resp: 86123
 Ion Ratio Lower Upper
 74 100
 45 107.2 42.9 128.5





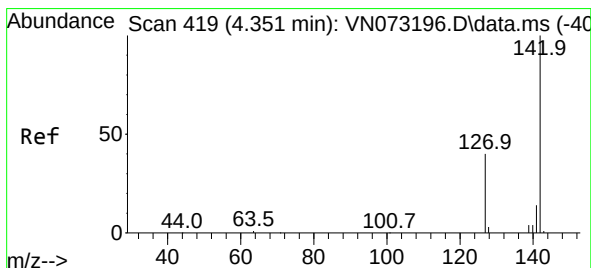
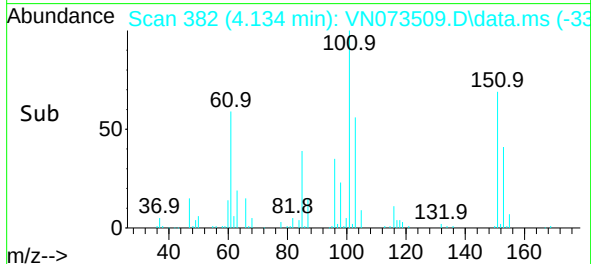
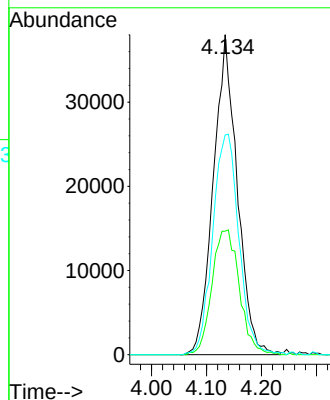
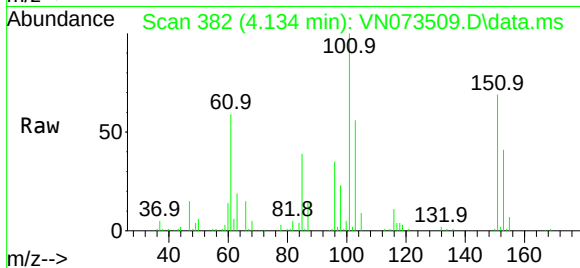
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.910 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11483
Ion Ratio Lower Upper
101 100
85 44.6 34.7 52.1
151 75.5 63.0 94.4

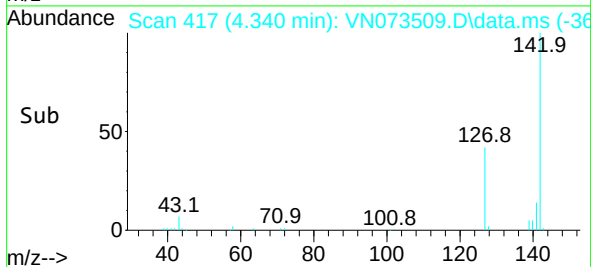
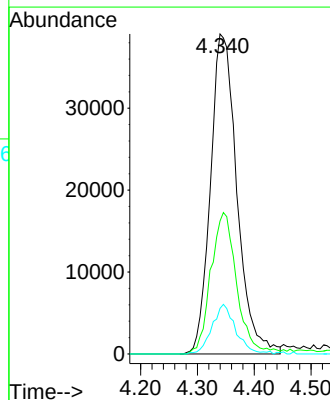
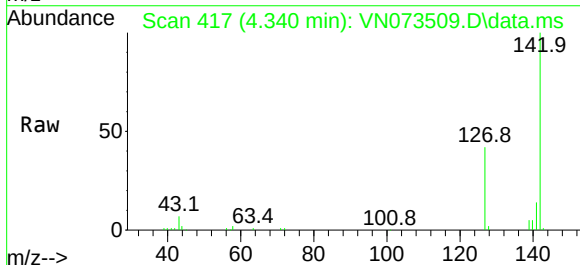
Manual Integrations
APPROVED

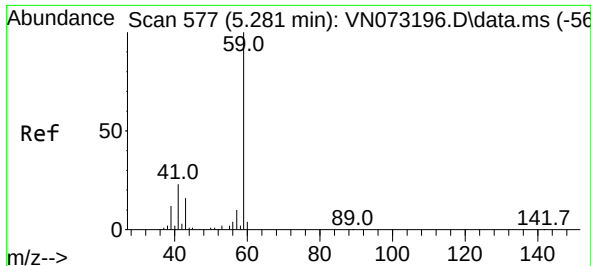
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#10
Methyl Iodide
Concen: 48.592 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.011 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

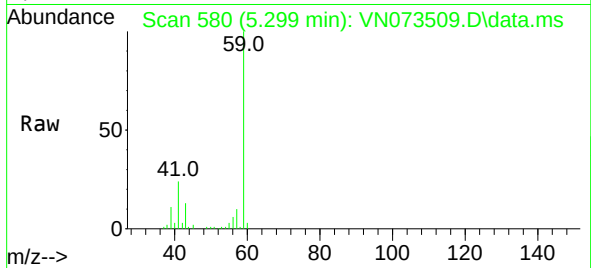
Tgt Ion:142 Resp: 126606
Ion Ratio Lower Upper
142 100
127 43.1 31.3 46.9
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 335.402 ug/l
RT: 5.299 min Scan# 50
Delta R.T. 0.018 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

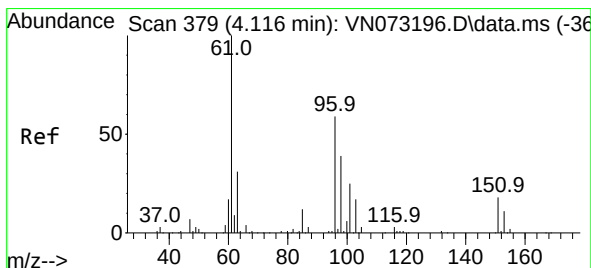
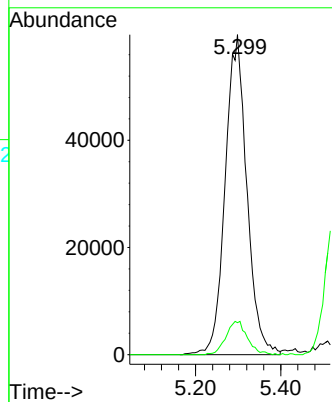
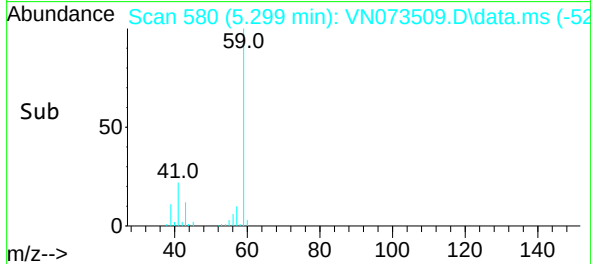
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 210620
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

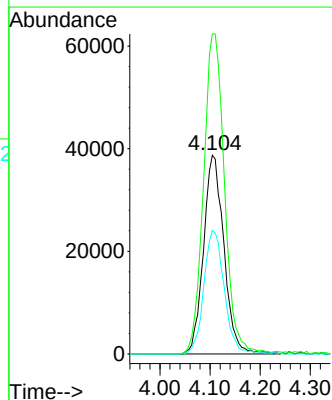
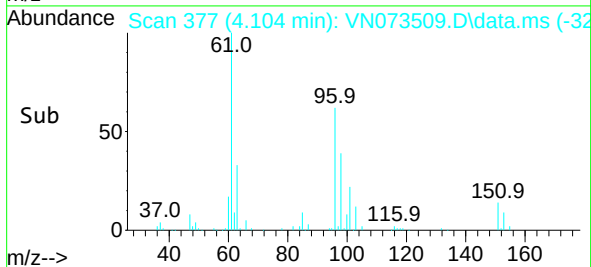
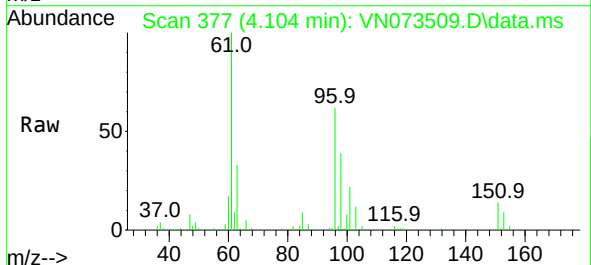
Manual Integrations
APPROVED

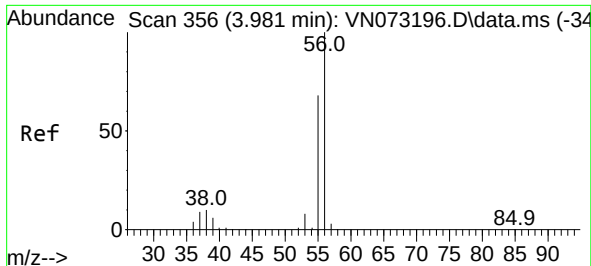
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#12
1,1-Dichloroethene
Concen: 51.931 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

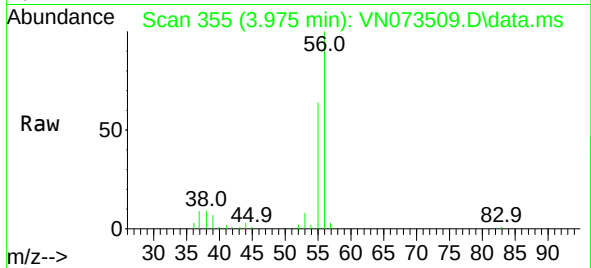
Tgt Ion: 96 Resp: 109775
Ion Ratio Lower Upper
96 100
61 161.0 127.6 191.4
98 62.2 51.2 76.8





#13
Acrolein
Concen: 192.520 ug/l
RT: 3.975 min Scan# 356
Delta R.T. -0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

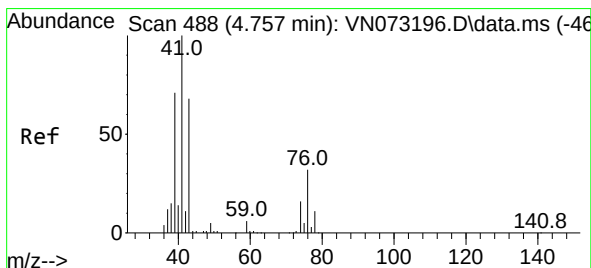
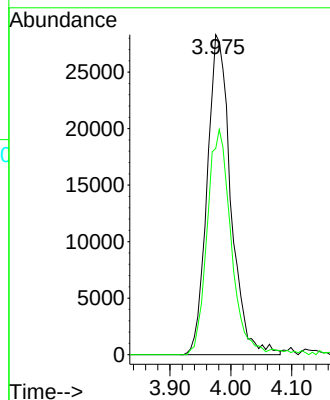
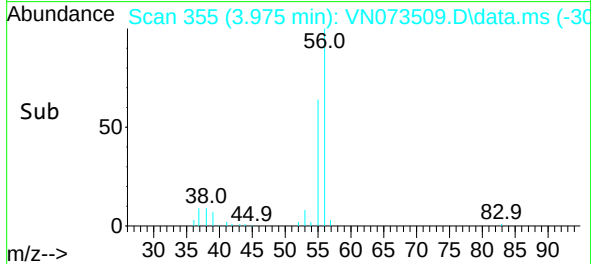
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 76414
Ion Ratio Lower Upper
56 100
55 70.6 54.8 82.2

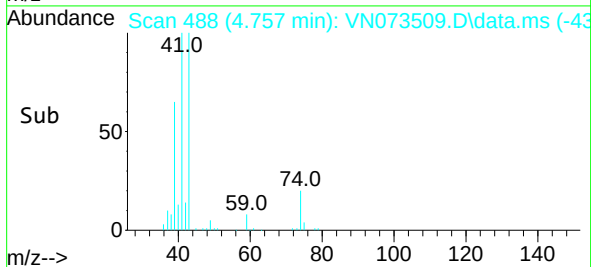
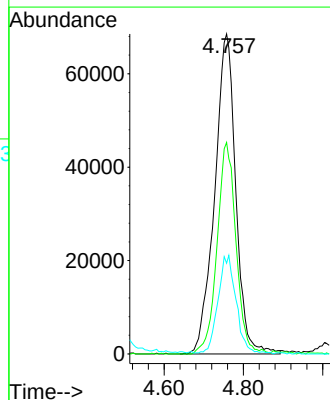
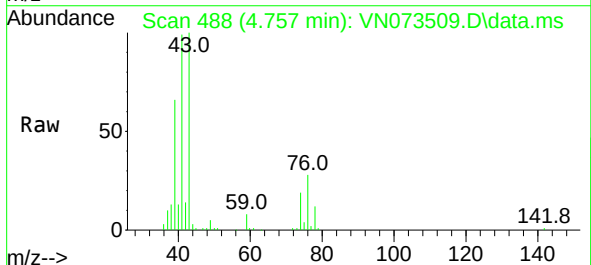
Manual Integrations
APPROVED

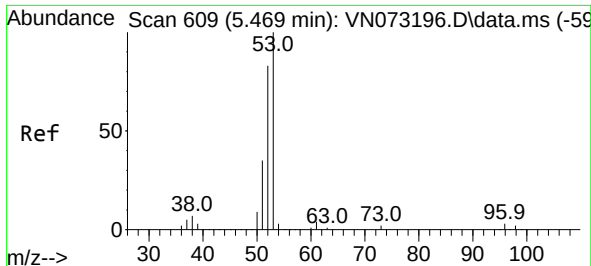
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#14
Allyl chloride
Concen: 56.969 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

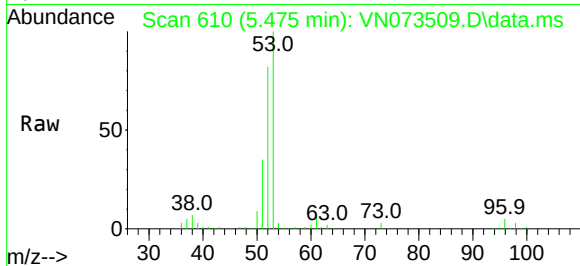
Tgt Ion: 41 Resp: 253691
Ion Ratio Lower Upper
41 100
39 59.2 53.2 79.8
76 26.6 29.9 44.9#





#15
Acrylonitrile
Concen: 347.416 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

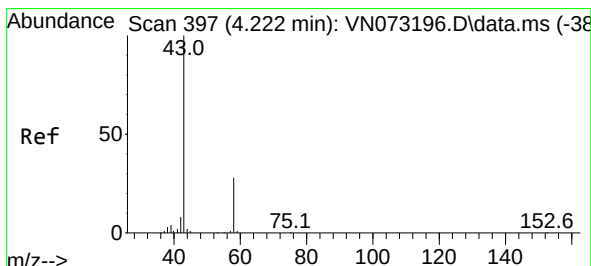
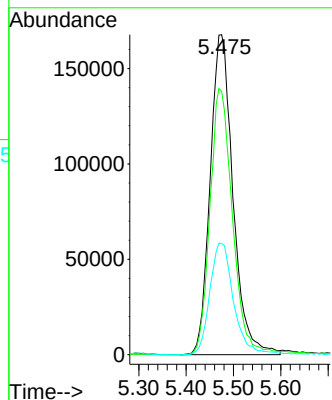
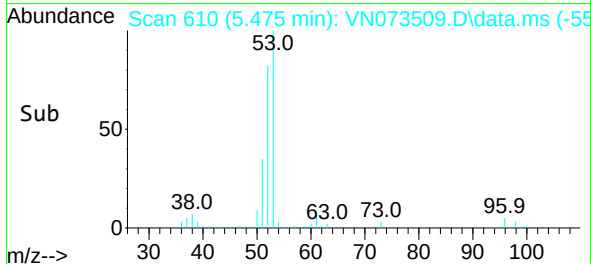
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 561612
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.3 28.5 42.7

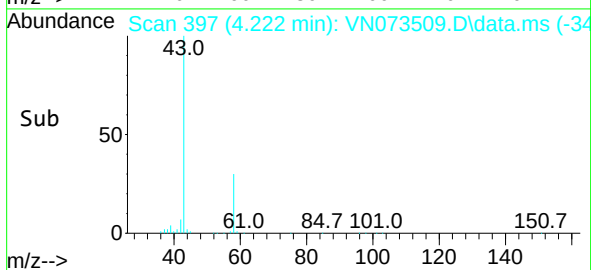
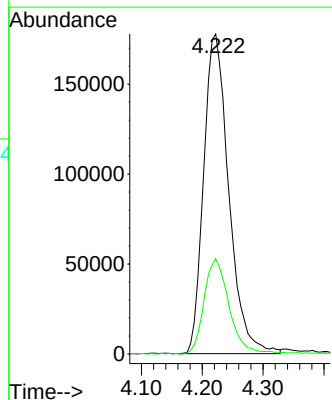
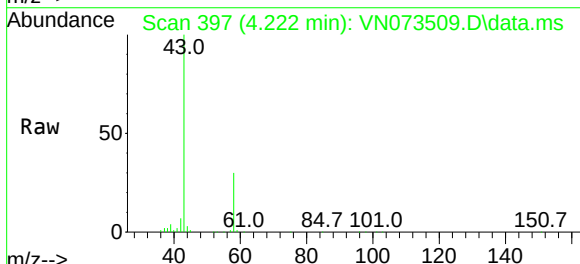
Manual Integrations
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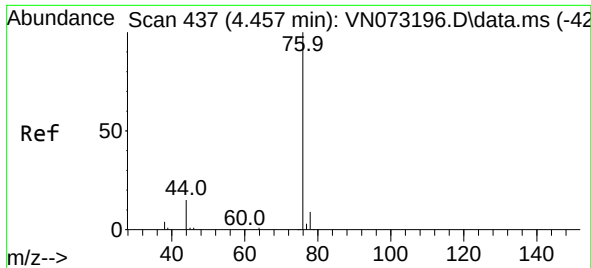
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#16
Acetone
Concen: 350.475 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Tgt Ion: 43 Resp: 509970
Ion Ratio Lower Upper
43 100
58 29.7 26.0 39.0





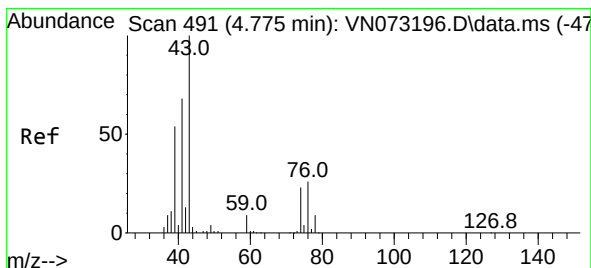
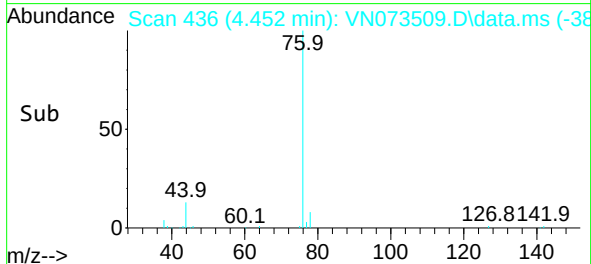
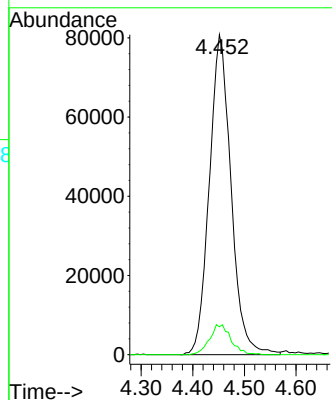
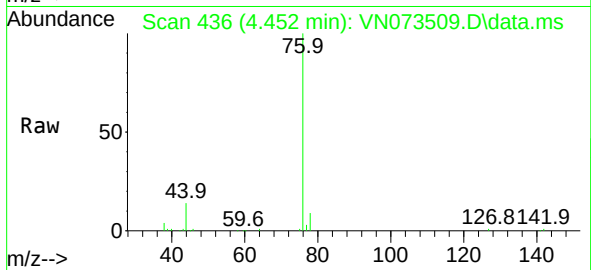
#17
Carbon Disulfide
Concen: 43.020 ug/l
RT: 4.452 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 235804
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

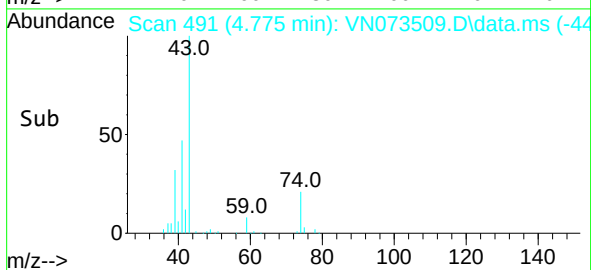
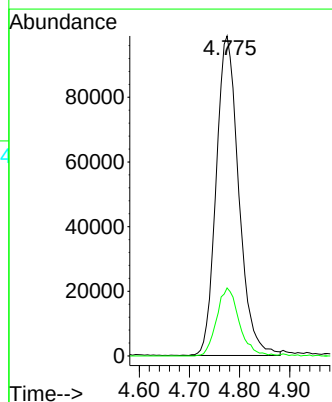
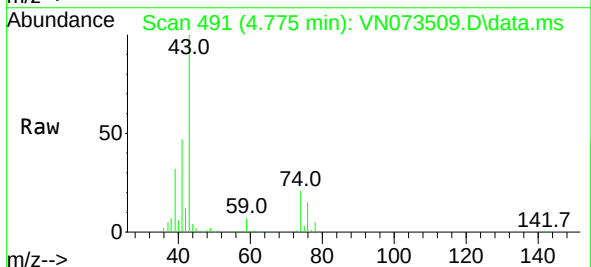
Manual Integrations
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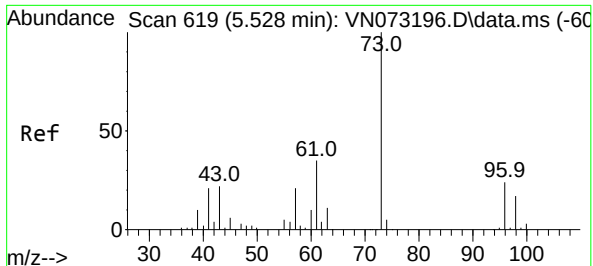
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#18
Methyl Acetate
Concen: 75.744 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Tgt Ion: 43 Resp: 308860
Ion Ratio Lower Upper
43 100
74 21.3 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 59.969 ug/l

RT: 5.534 min Scan# 619

Delta R.T. 0.006 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 462010

Ion Ratio Lower Upper

73 100

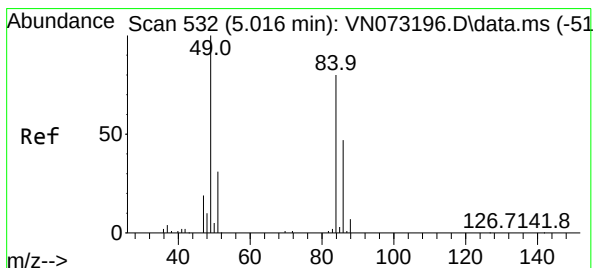
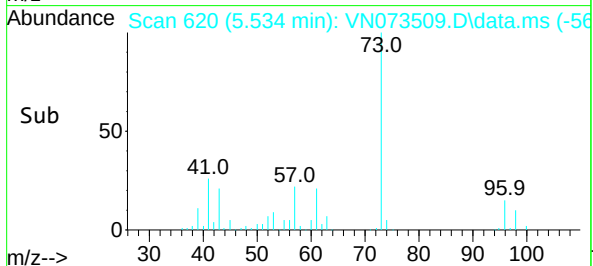
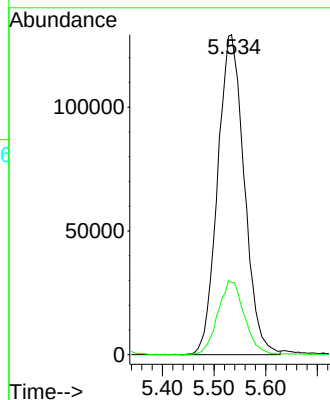
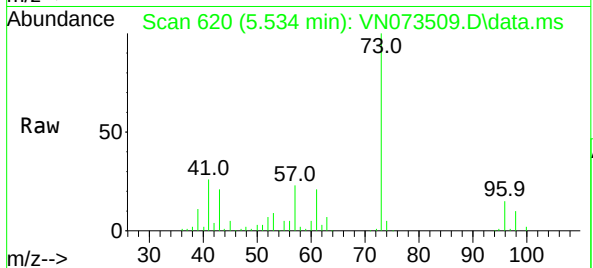
57 22.5 17.6 26.4

Manual Integrations

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Reviewed By :John Carlone 07/19/2022

Supervised By :Mahesh Dadoda 07/19/2022



#20

Methylene Chloride

Concen: 55.963 ug/l

RT: 5.010 min Scan# 531

Delta R.T. -0.006 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

Tgt Ion: 84 Resp: 143107

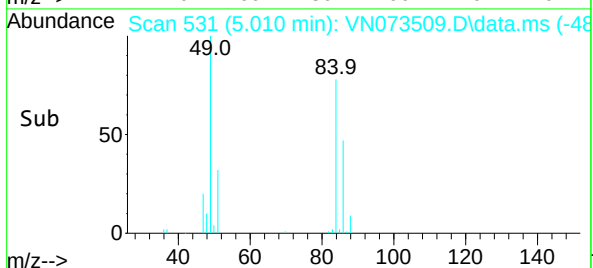
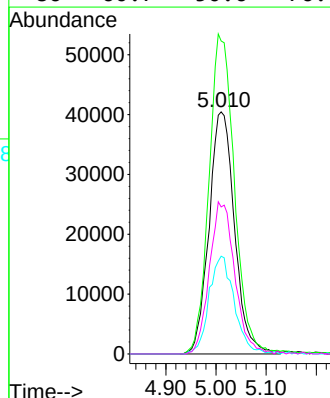
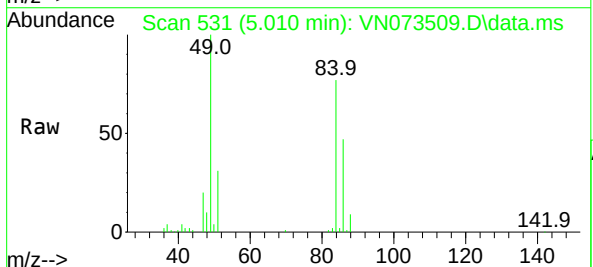
Ion Ratio Lower Upper

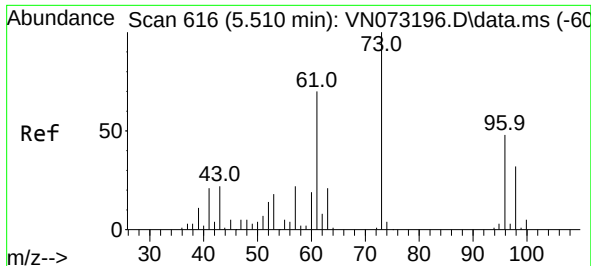
84 100

49 129.3 88.3 132.5

51 40.4 28.2 42.2

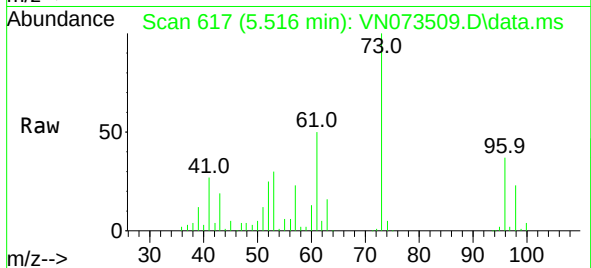
86 60.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 52.276 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

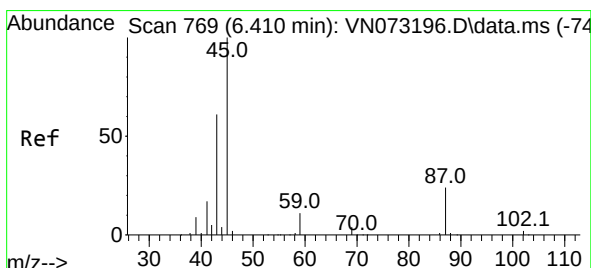
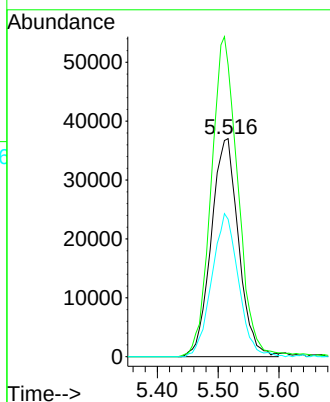
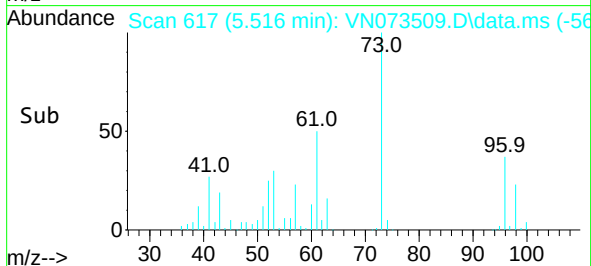
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 115464
Ion Ratio Lower Upper
96 100
61 133.7 105.8 158.8
98 63.0 50.3 75.5

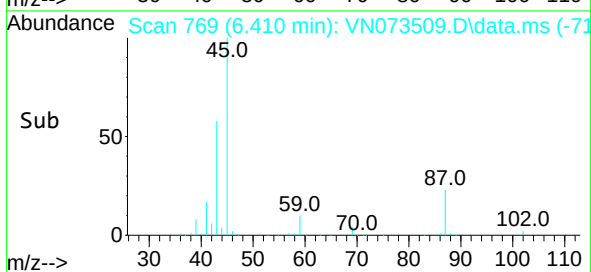
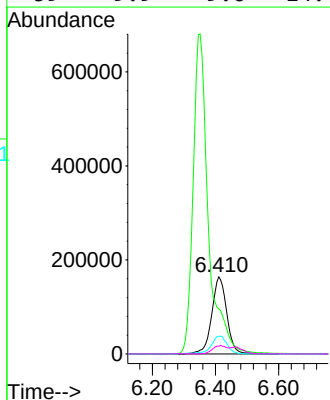
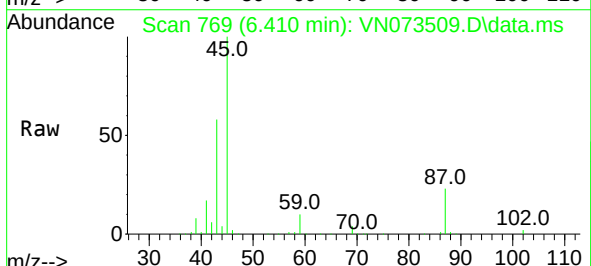
Manual Integrations
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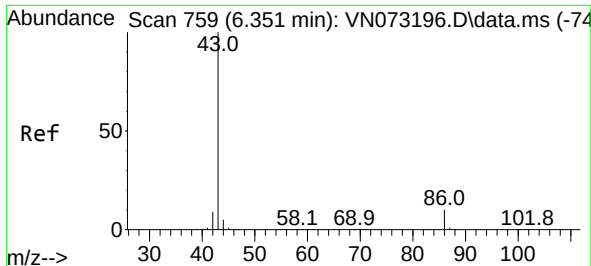
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#22
Diisopropyl ether
Concen: 65.212 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

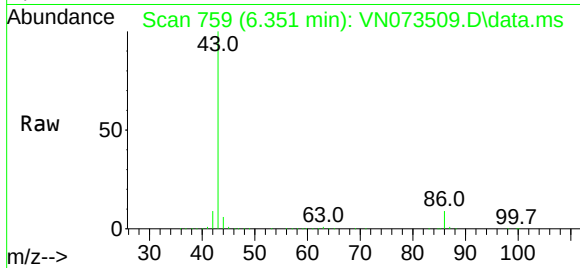
Tgt Ion: 45 Resp: 541890
Ion Ratio Lower Upper
45 100
43 58.0 46.6 70.0
87 22.9 24.3 36.5#
59 9.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 306.142 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073509.D
 Acq: 18 Jul 2022 19:21

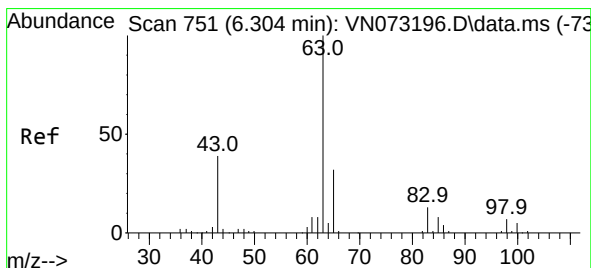
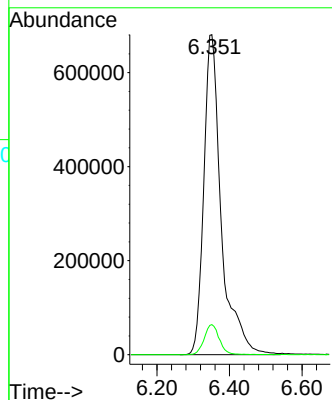
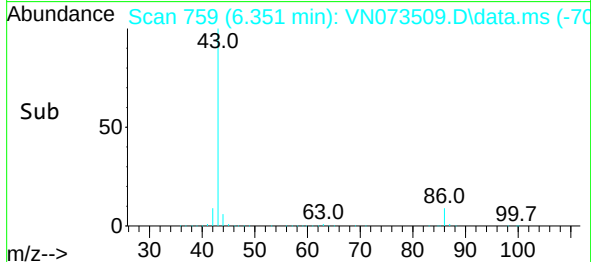
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



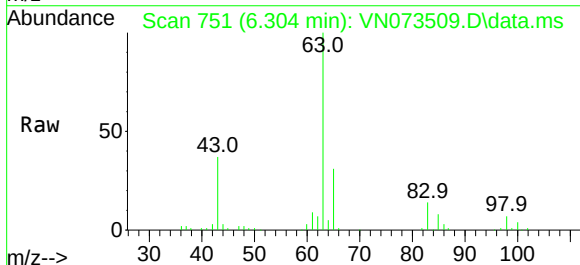
Tgt Ion: 43 Resp: 227765
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.0 15.0

Manual Integrations
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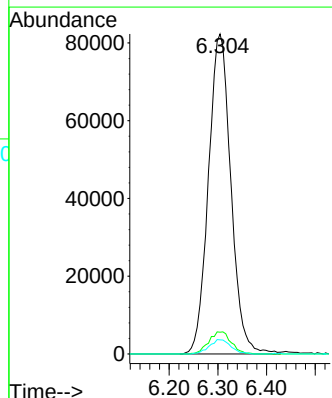
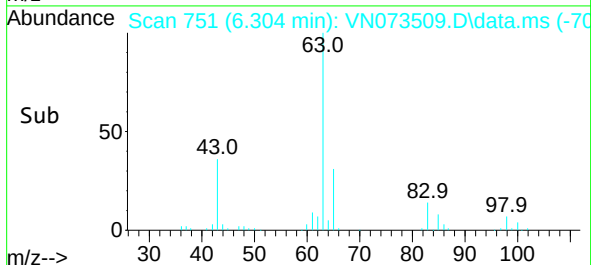
Reviewed By :John Carlone 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

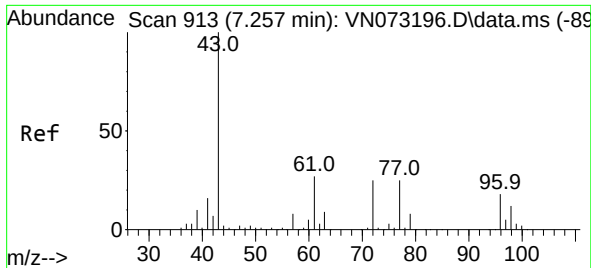


#24
 1,1-Dichloroethane
 Concen: 61.297 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073509.D
 Acq: 18 Jul 2022 19:21



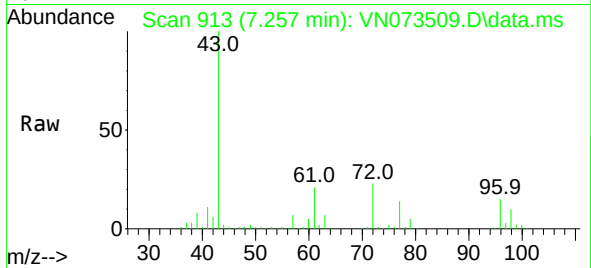
Tgt Ion: 63 Resp: 263590
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 361.569 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

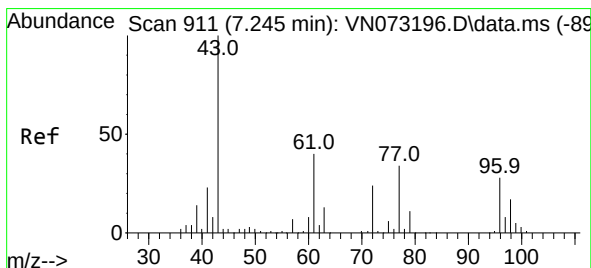
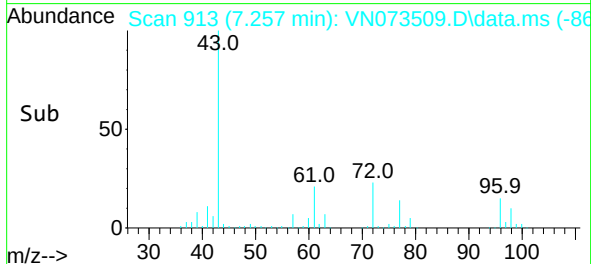
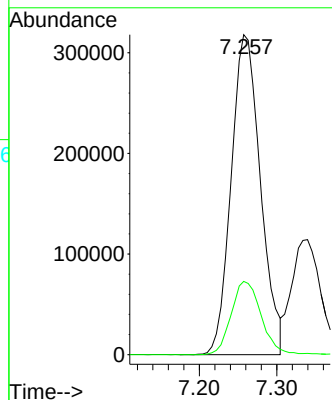
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 837620
Ion Ratio Lower Upper
43 100
72 22.9 23.7 35.5

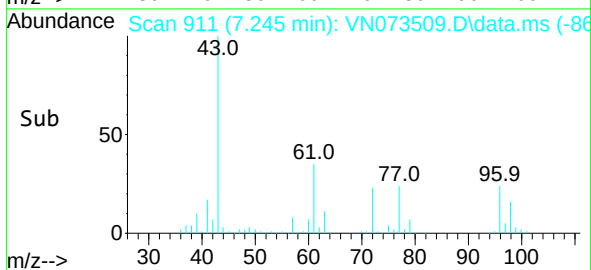
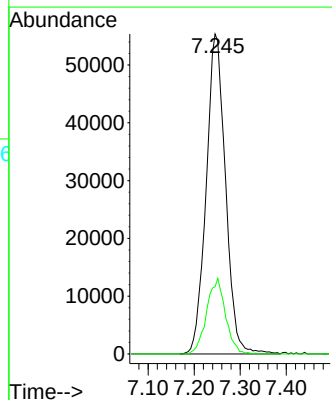
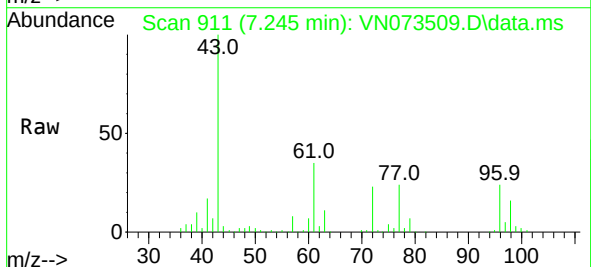
Manual Integrations
APPROVED

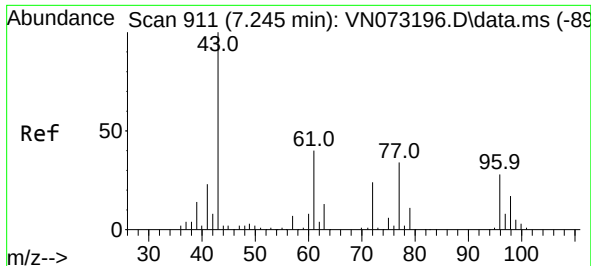
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#26
2,2-Dichloropropane
Concen: 40.630 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

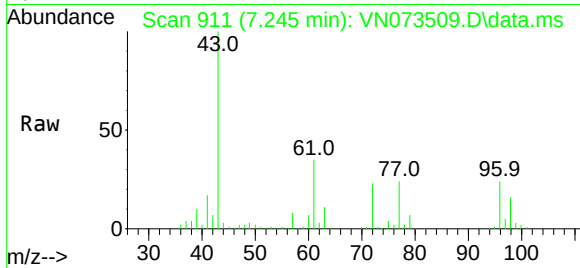
Tgt Ion: 77 Resp: 161590
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 55.595 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073509.D
 Acq: 18 Jul 2022 19:21

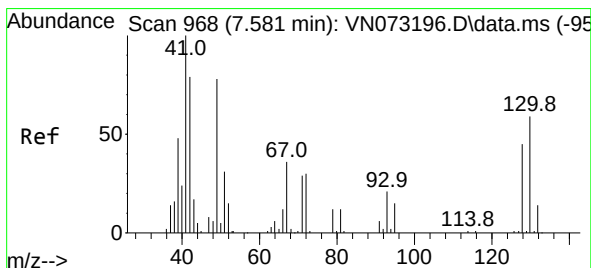
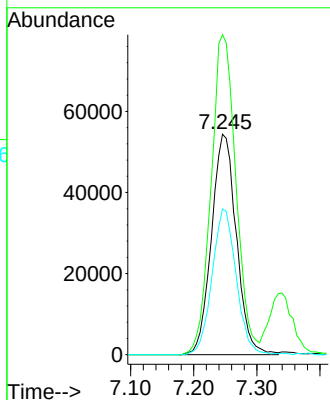
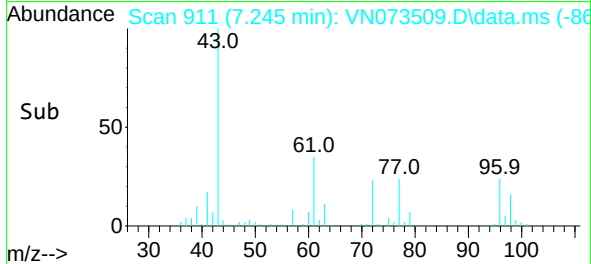
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 148705
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 280.6
 98 64.1 0.0 128.4

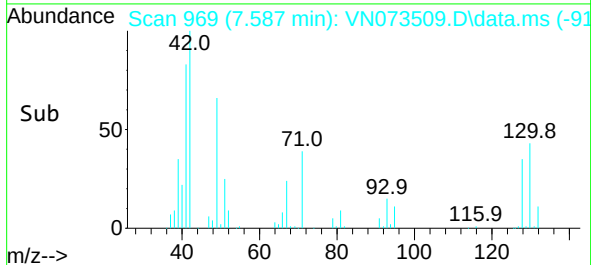
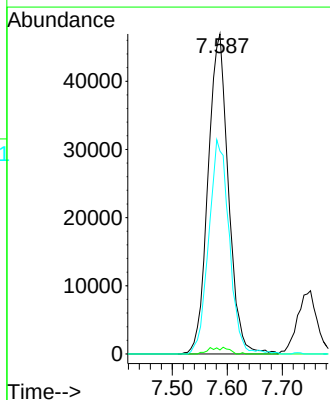
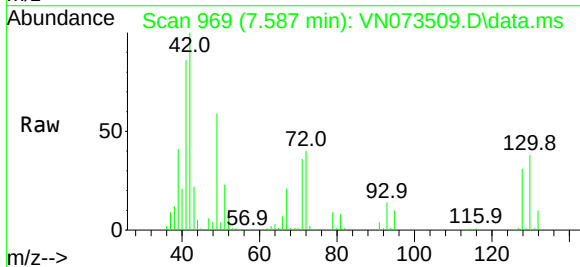
Manual Integrations
 APPROVED

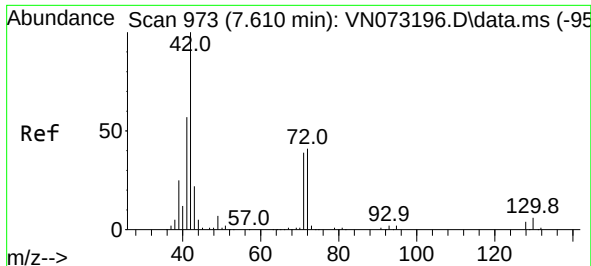
Reviewed By :John Carlone 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022



#28
 Bromochloromethane
 Concen: 66.957 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VN073509.D
 Acq: 18 Jul 2022 19:21

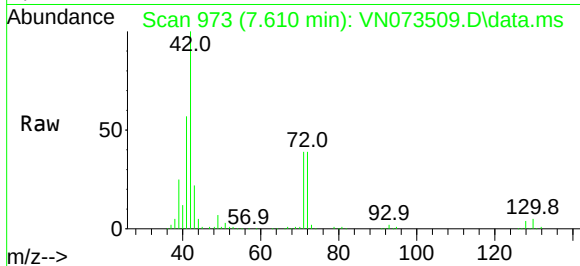
Tgt Ion: 49 Resp: 120587
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 67.7 69.7 104.5#





#29
Tetrahydrofuran
Concen: 347.394 ug/l
RT: 7.610 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

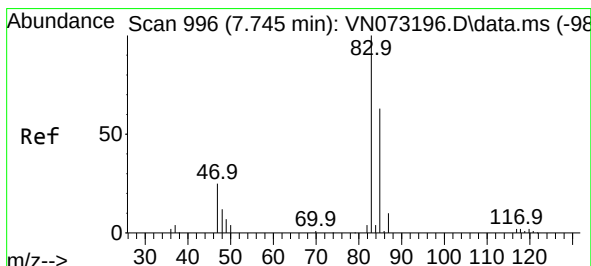
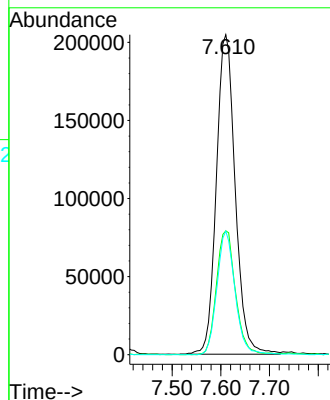
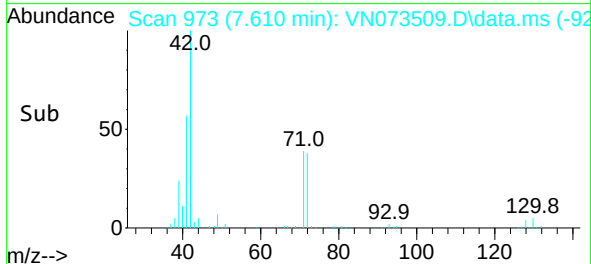
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 551056
Ion Ratio Lower Upper
42 100
72 39.1 39.7 59.5
71 37.1 36.6 55.0

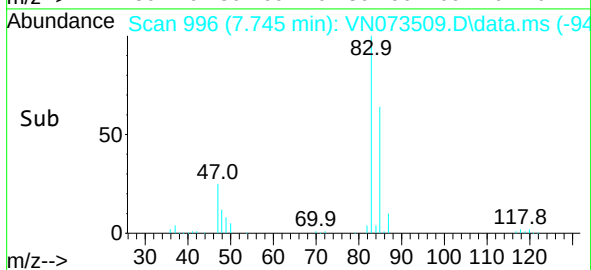
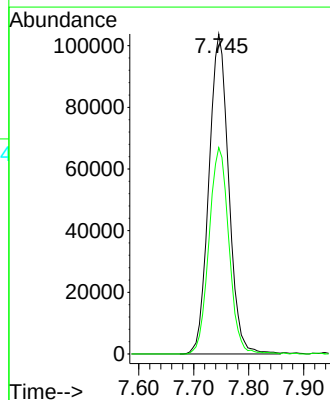
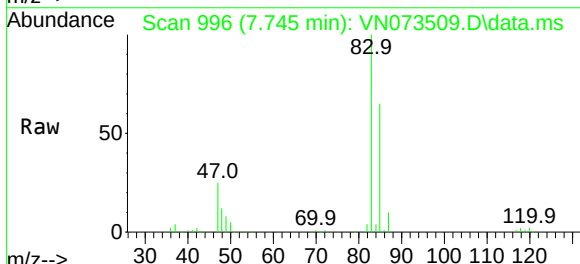
Manual Integrations
APPROVED

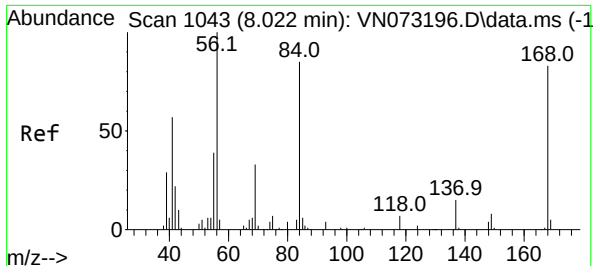
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#30
Chloroform
Concen: 59.967 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

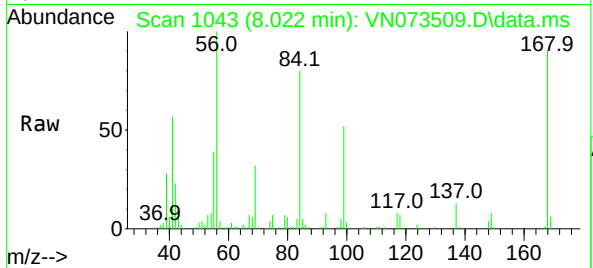
Tgt Ion: 83 Resp: 259724
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8





#31
Cyclohexane
Concen: 48.837 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

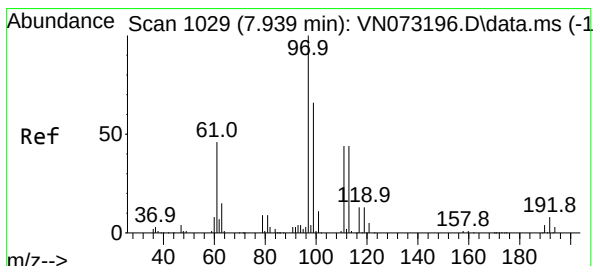
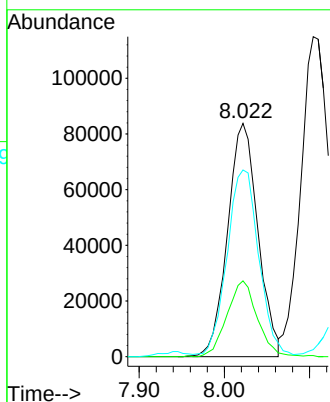
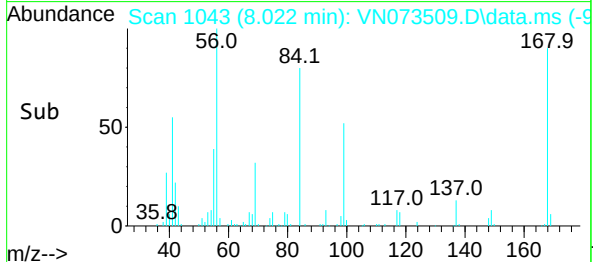
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



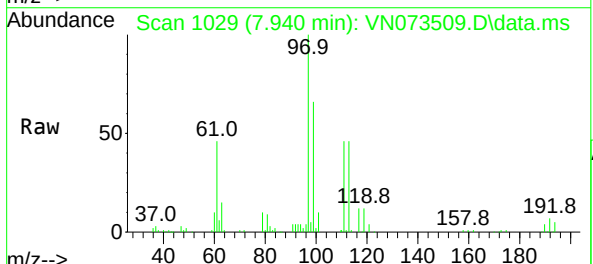
Tgt Ion: 56 Resp: 207338
Ion Ratio Lower Upper
56 100
69 32.5 27.8 41.8
84 77.8 76.9 115.3

Manual Integrations
APPROVED

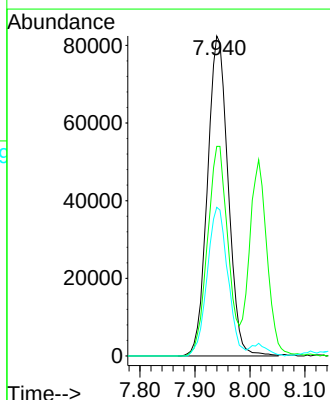
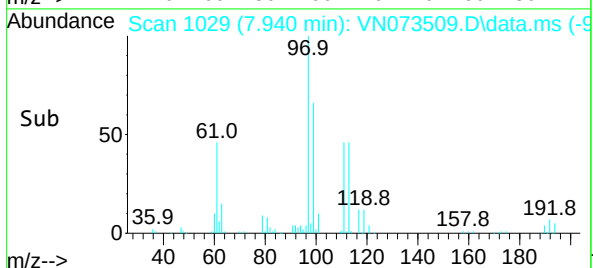
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

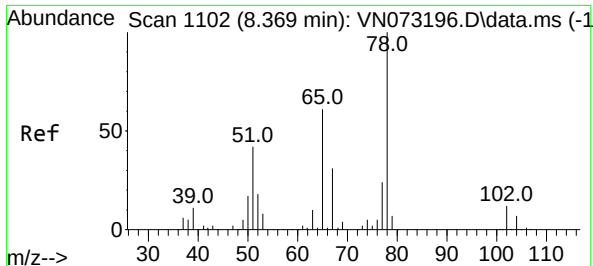


#32
1,1,1-Trichloroethane
Concen: 55.713 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.001 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



Tgt Ion: 97 Resp: 215038
Ion Ratio Lower Upper
97 100
99 64.8 50.6 76.0
61 46.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 57.154 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 14815

Ion Ratio Lower Upper

65 100

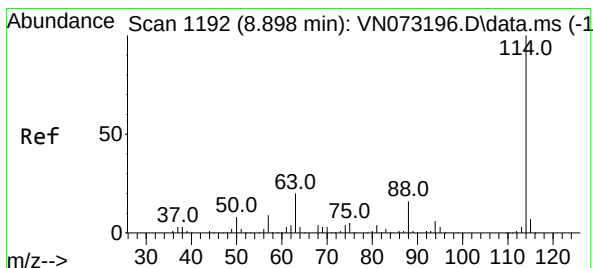
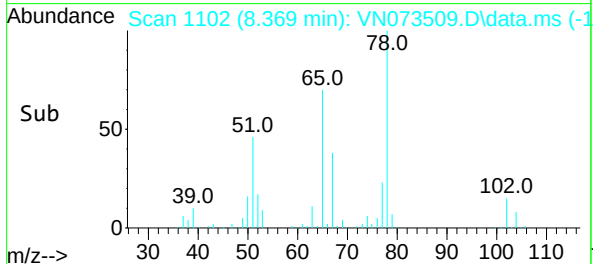
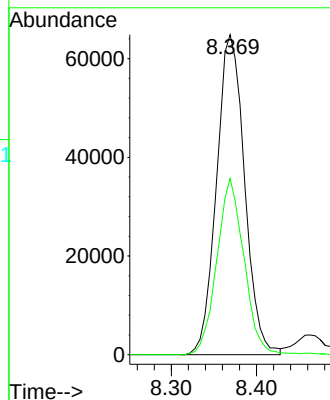
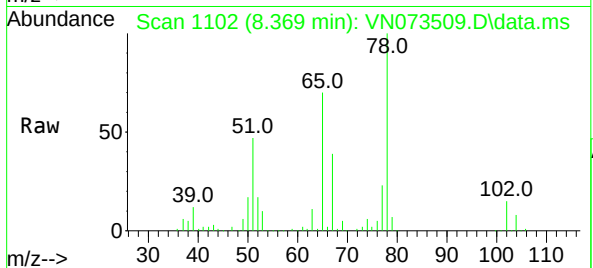
67 53.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2022

Supervised By :Mahesh Dadoda 07/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

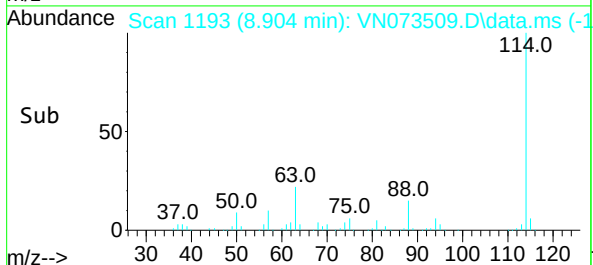
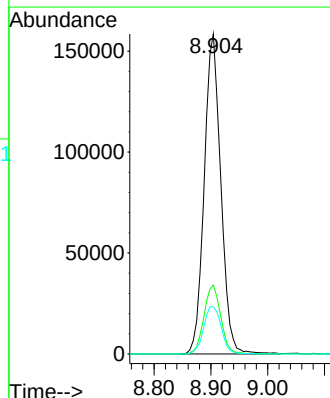
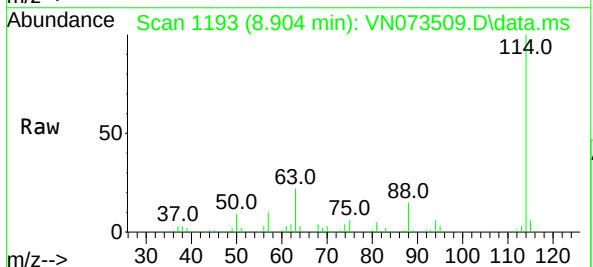
Tgt Ion:114 Resp: 321688

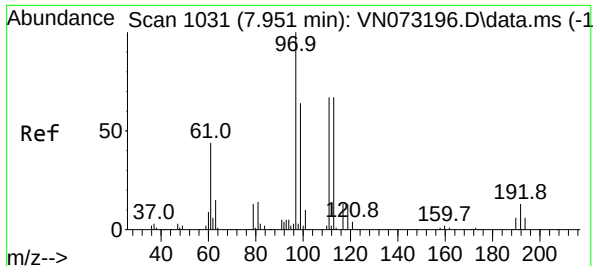
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.784 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 12153

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

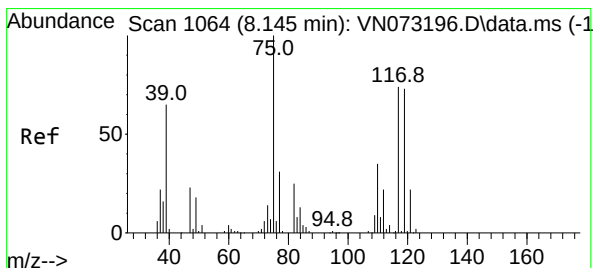
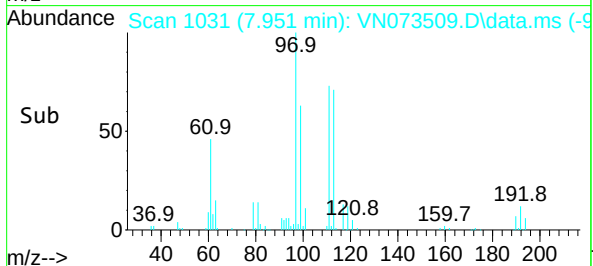
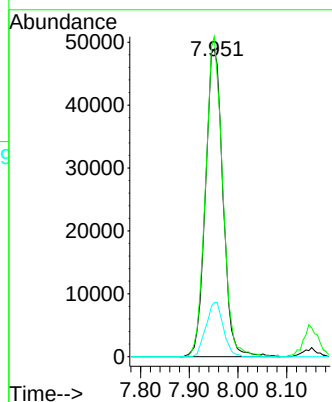
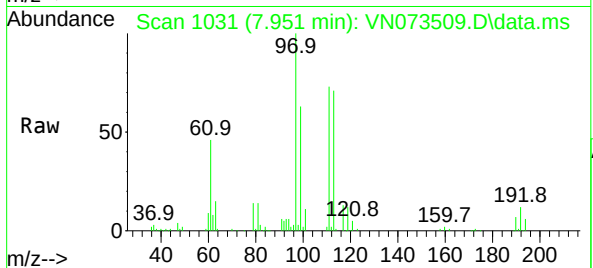
192 17.5 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2022

Supervised By :Mahesh Dadoda 07/19/2022



#36

1,1-Dichloropropene

Concen: 52.477 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

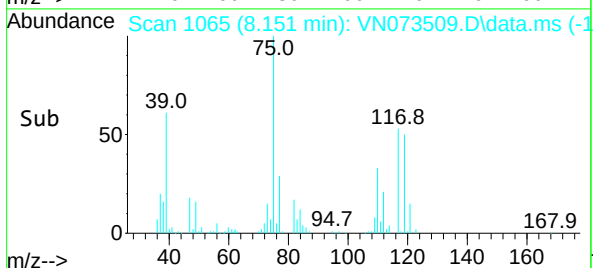
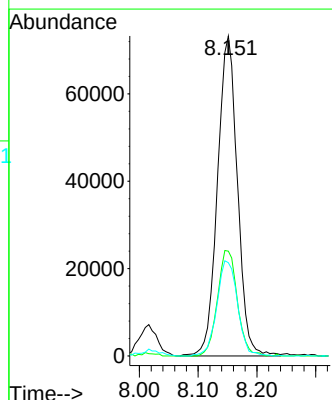
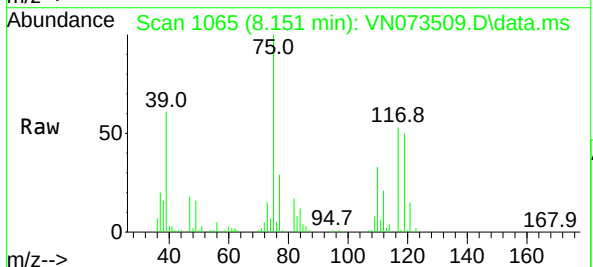
Tgt Ion: 75 Resp: 172816

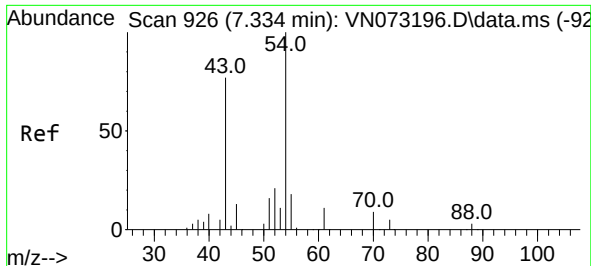
Ion Ratio Lower Upper

75 100

110 32.8 18.3 54.8

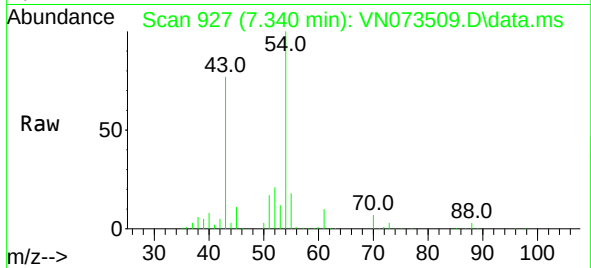
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 62.054 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

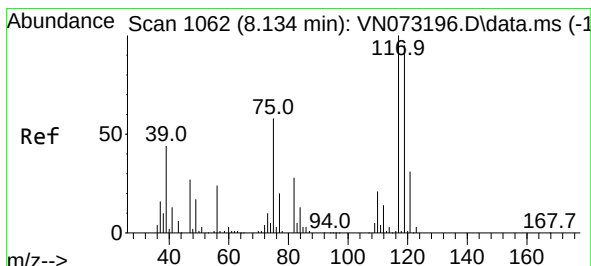
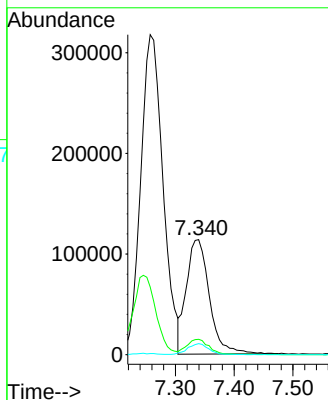
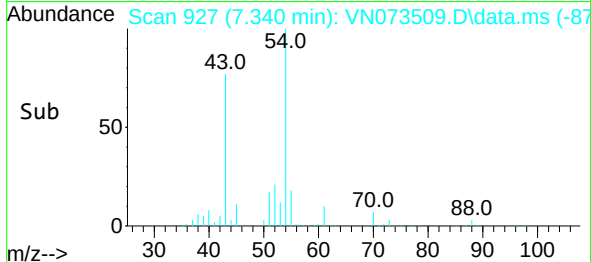
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 308774
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 8.8 9.3 13.9

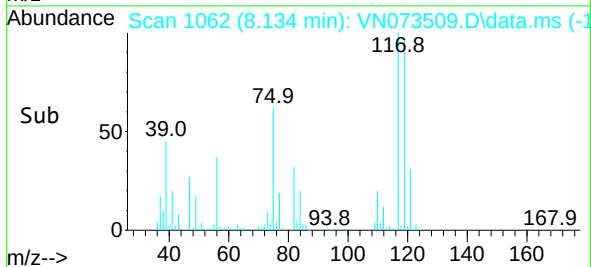
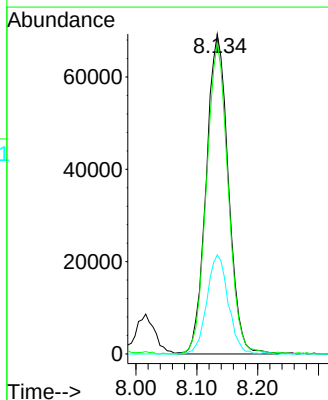
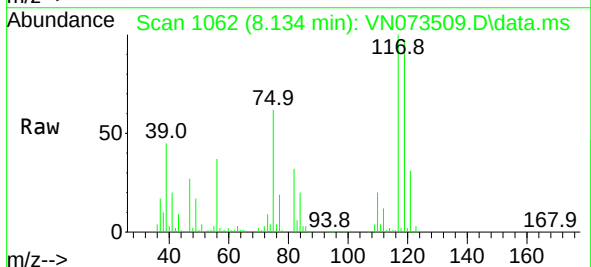
Manual Integrations
APPROVED

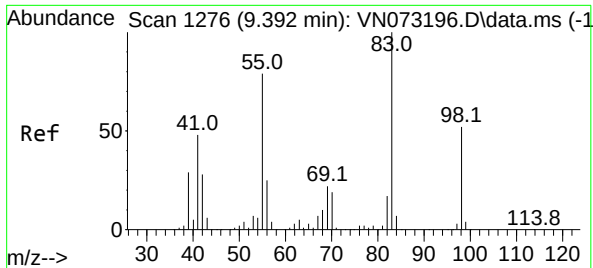
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#38
Carbon Tetrachloride
Concen: 51.487 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Tgt Ion:117 Resp: 175344
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
121 31.0 24.6 37.0





#39
Methylcyclohexane
Concen: 47.285 ug/l
RT: 9.392 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

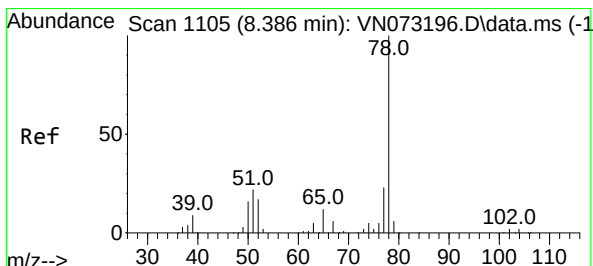
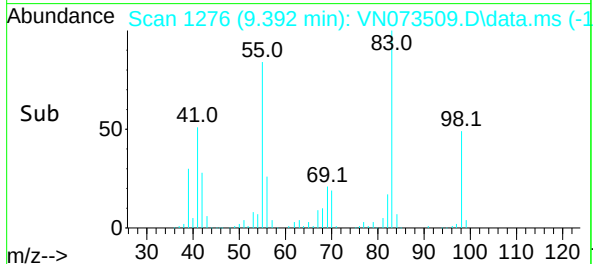
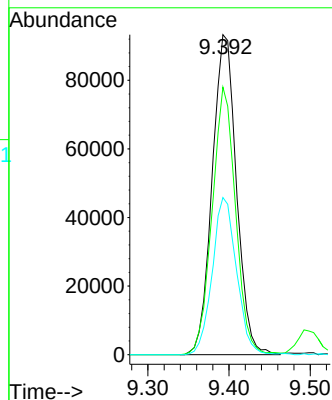
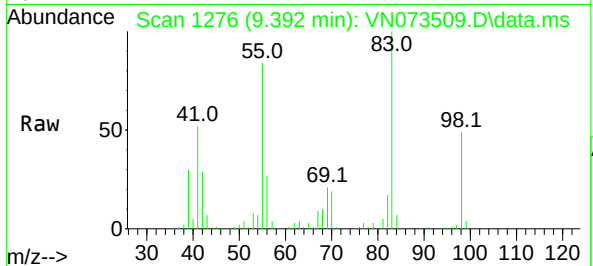
Tgt Ion: 83 Resp: 193860
Ion Ratio Lower Upper
83 100
55 83.6 57.8 86.8
98 49.1 39.4 59.2

Manual Integrations

APPROVED

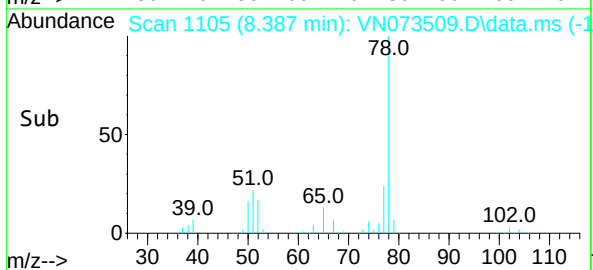
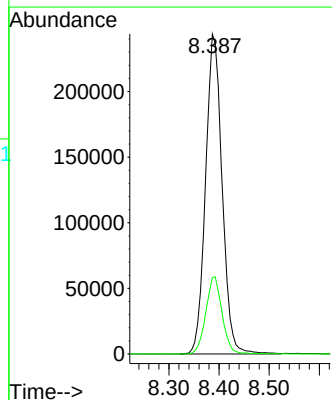
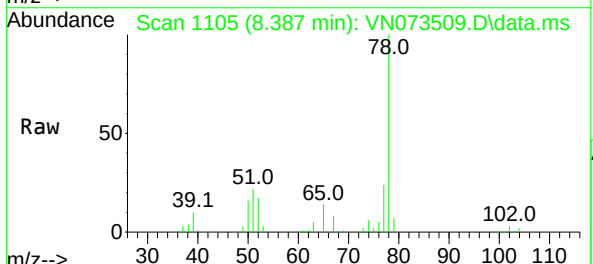
Reviewed By :John Carlone 07/19/2022

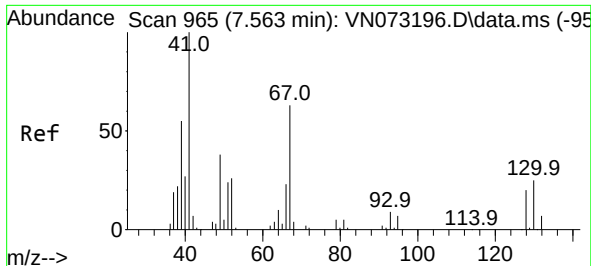
Supervised By :Mahesh Dadoda 07/19/2022



#40
Benzene
Concen: 55.008 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Tgt Ion: 78 Resp: 559062
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





#41
Methacrylonitrile
Concen: 67.978 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Instrument :

MSVOA_N

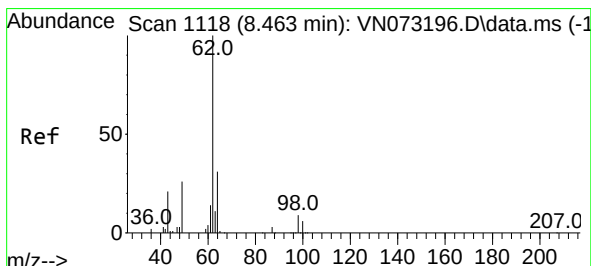
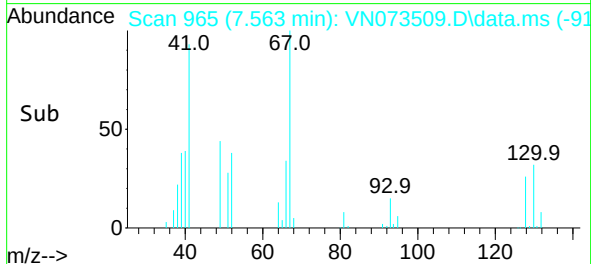
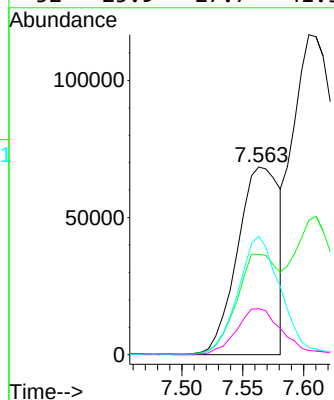
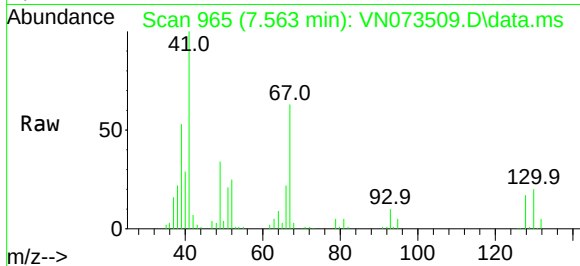
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 16404
Ion Ratio Lower Upper
41 100
39 52.8 48.6 73.0
67 64.8 73.4 110.2
52 25.9 27.7 41.5#

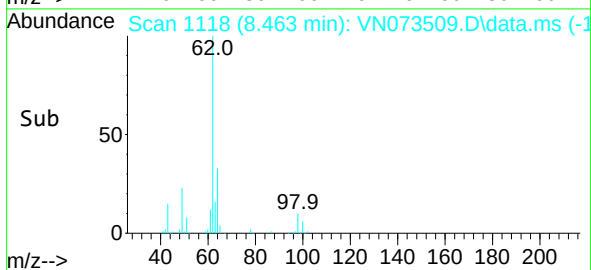
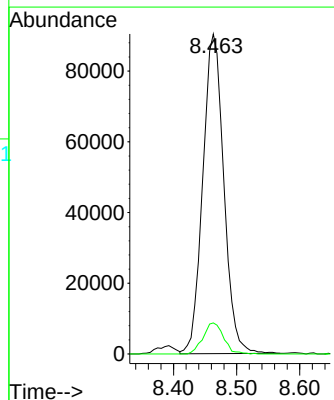
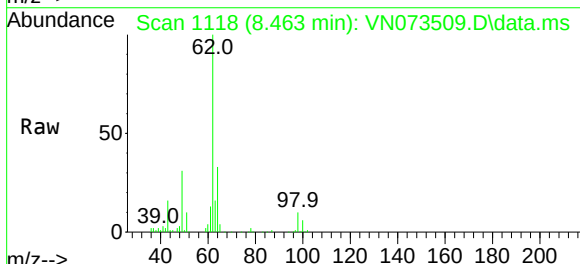
Manual Integrations
APPROVED

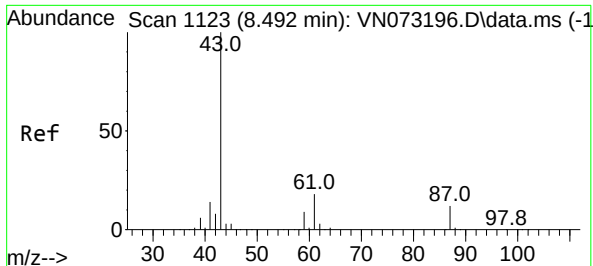
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#42
1,2-Dichloroethane
Concen: 56.724 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

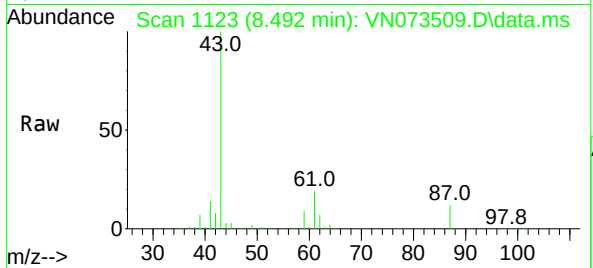
Tgt Ion: 62 Resp: 208977
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 61.989 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

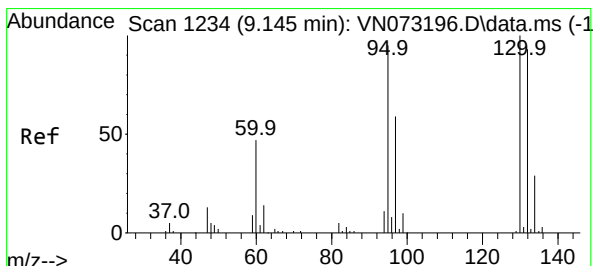
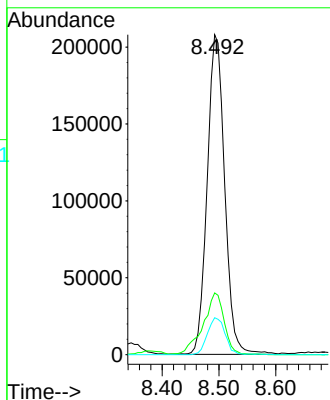
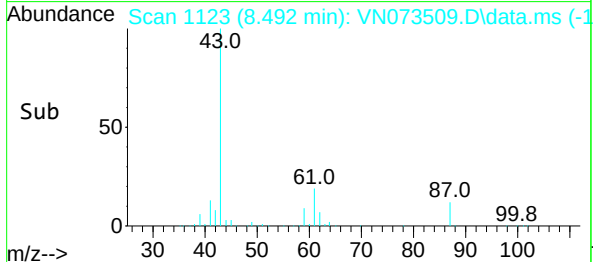
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



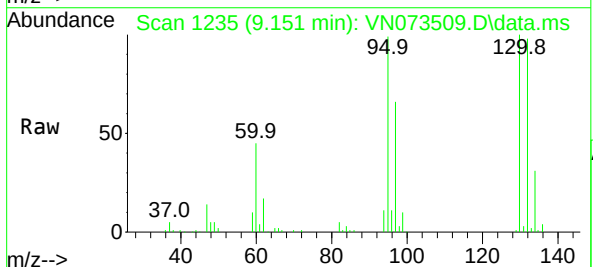
Tgt Ion: 43 Resp: 44330
Ion Ratio Lower Upper
43 100
61 23.0 21.9 32.9
87 11.7 12.0 18.0

Manual Integrations
APPROVED

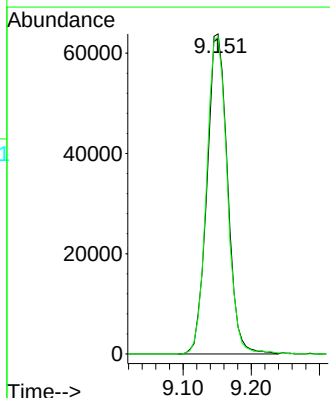
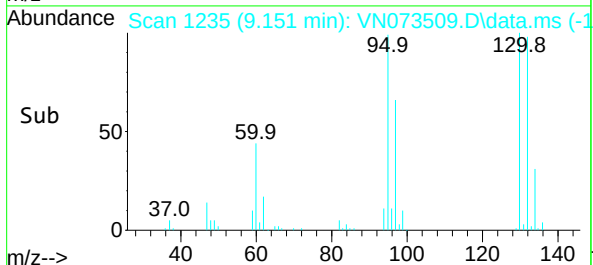
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

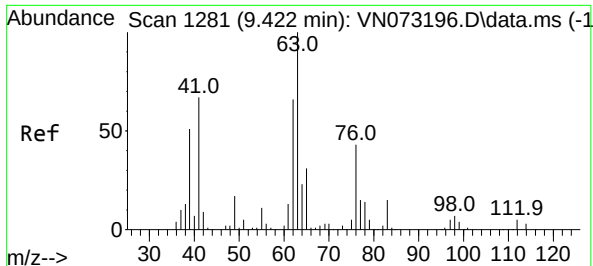


#44
Trichloroethene
Concen: 51.825 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



Tgt Ion:130 Resp: 134037
Ion Ratio Lower Upper
130 100
95 99.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 59.623 ug/l

RT: 9.428 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 154449

Ion Ratio Lower Upper

63 100

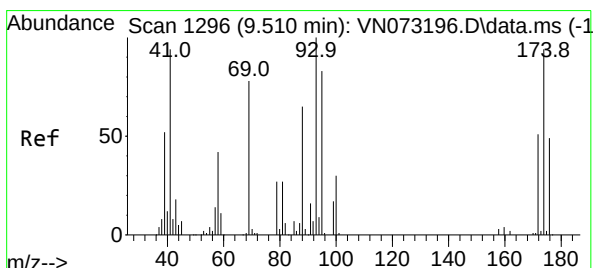
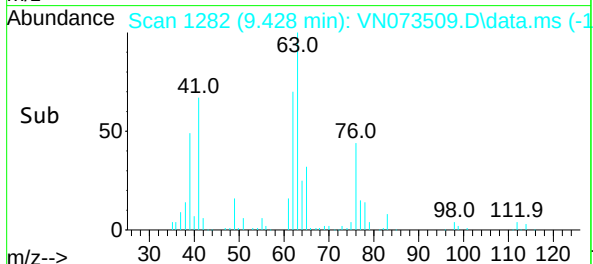
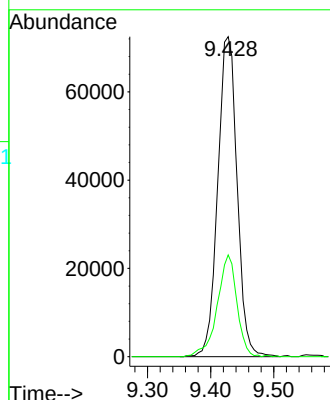
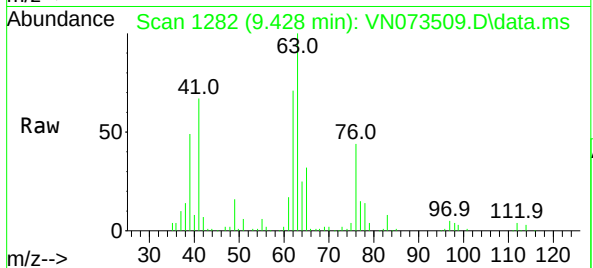
65 31.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2022

Supervised By :Mahesh Dadoda 07/19/2022



#46

Dibromomethane

Concen: 56.734 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

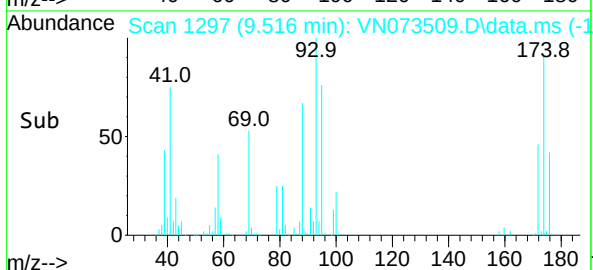
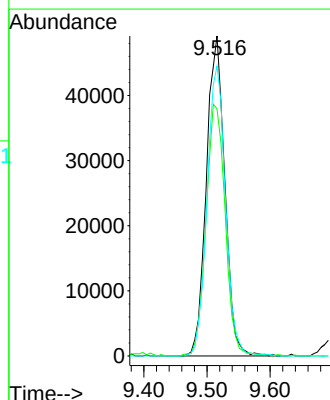
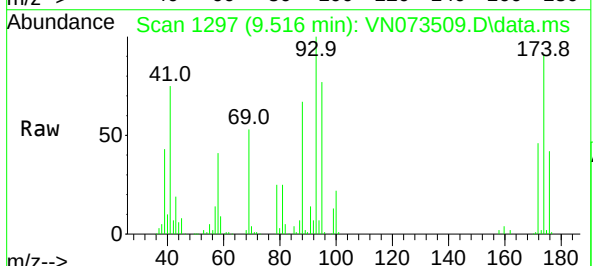
Tgt Ion: 93 Resp: 99787

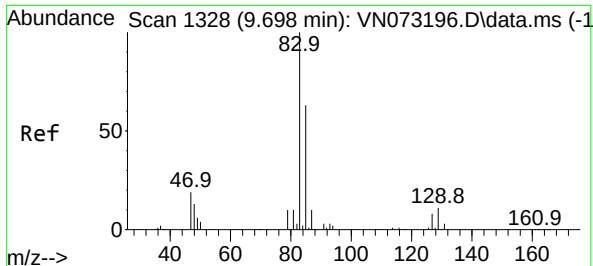
Ion Ratio Lower Upper

93 100

95 81.8 66.9 100.3

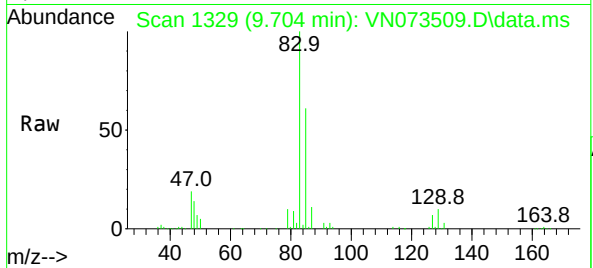
174 90.9 86.6 130.0





#47
Bromodichloromethane
Concen: 59.595 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

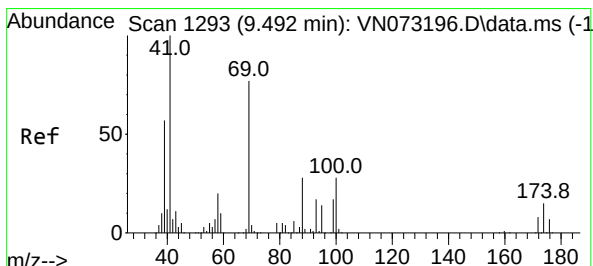
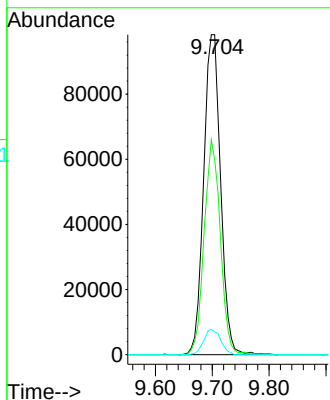
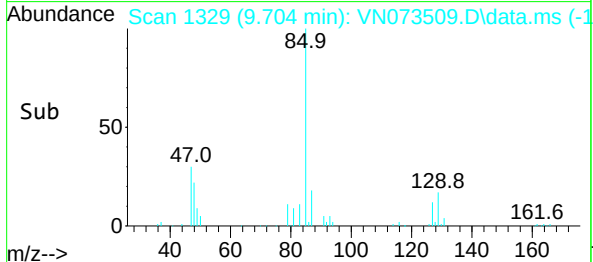
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 203010
Ion Ratio Lower Upper
83 100
85 61.0 50.5 75.7
127 7.1 6.8 10.2

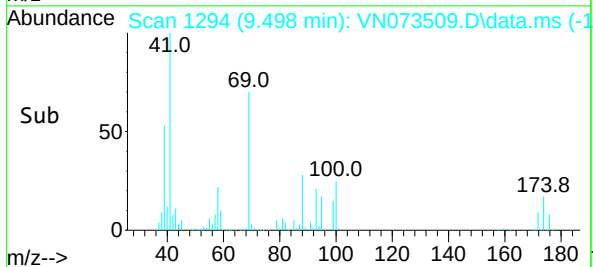
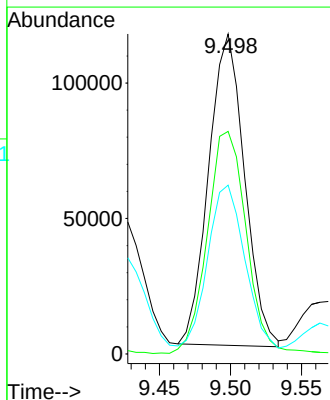
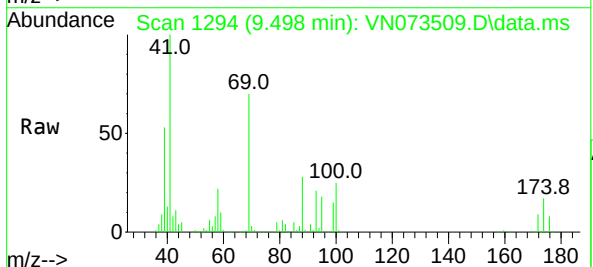
Manual Integrations
APPROVED

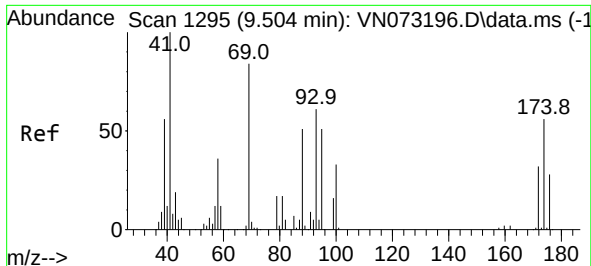
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#48
Methyl methacrylate
Concen: 60.847 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

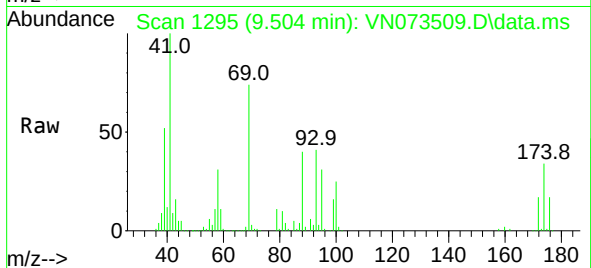
Tgt Ion: 41 Resp: 201472
Ion Ratio Lower Upper
41 100
69 78.7 74.7 112.1
39 58.0 45.6 68.4





#49
1,4-Dioxane
Concen: 1349.494 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

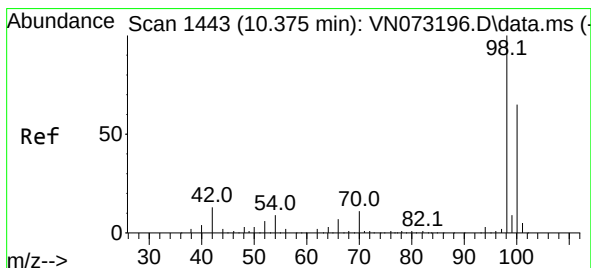
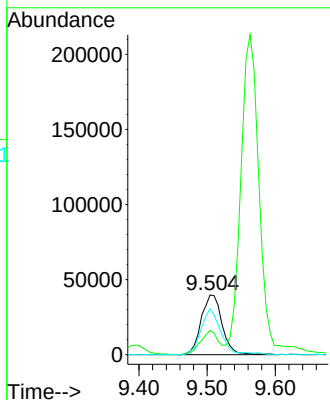
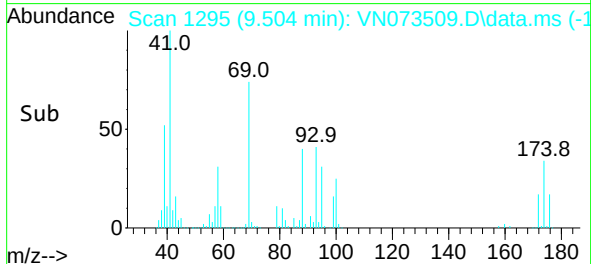
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



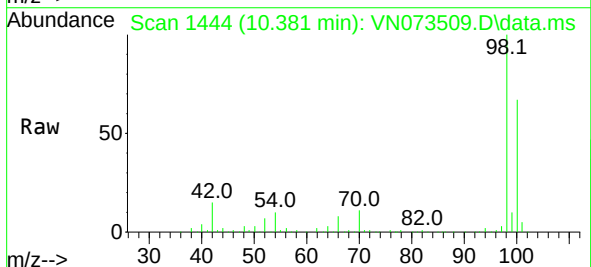
Tgt Ion: 88 Resp: 84820
Ion Ratio Lower Upper
88 100
43 33.9 20.2 30.4
58 73.0 54.2 81.4

Manual Integrations
APPROVED

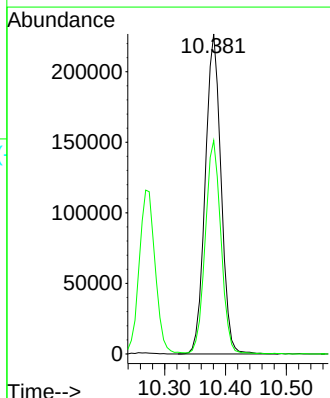
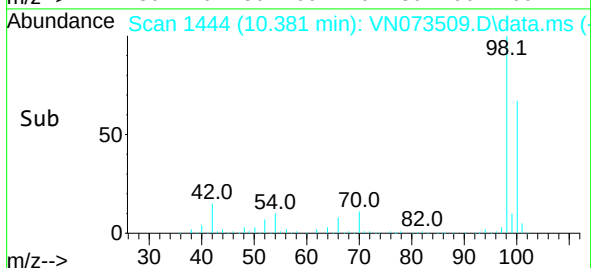
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

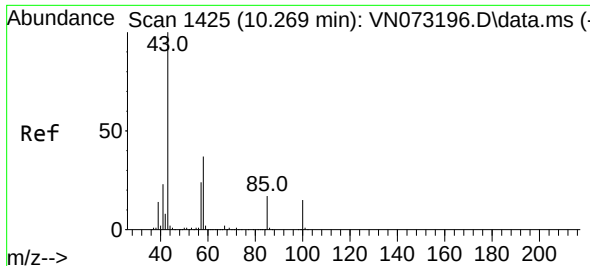


#50
Toluene-d8
Concen: 53.710 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



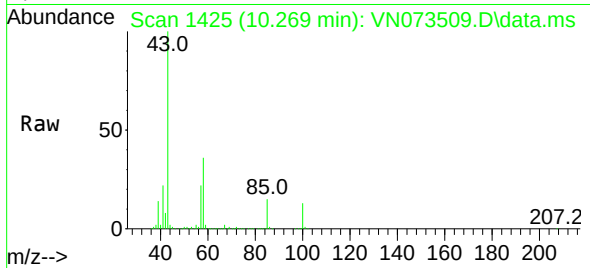
Tgt Ion: 98 Resp: 408271
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 348.537 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

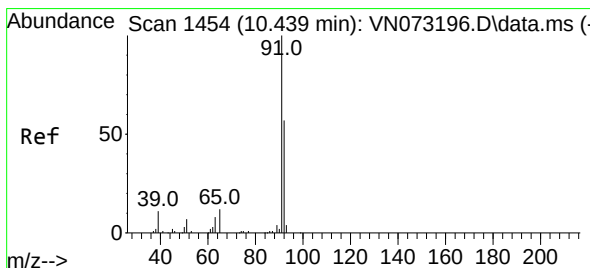
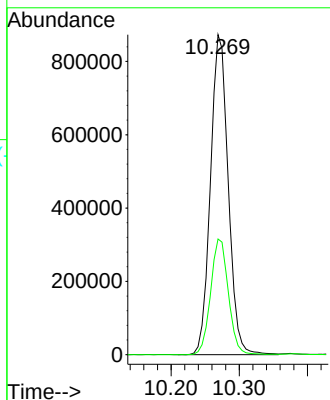
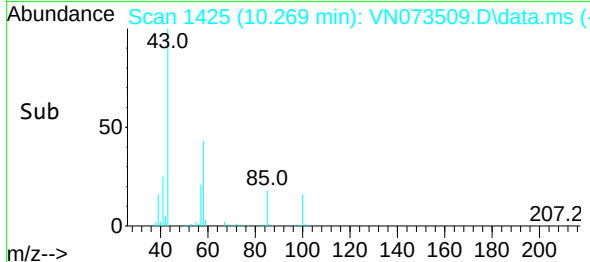
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1580619
Ion Ratio Lower Upper
43 100
58 36.2 34.1 51.1

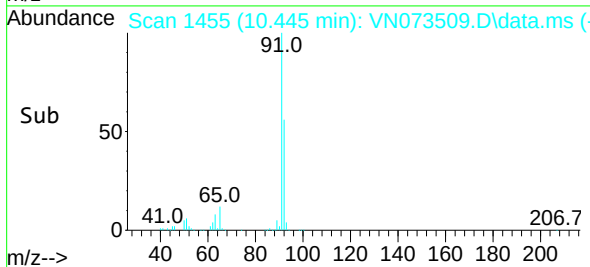
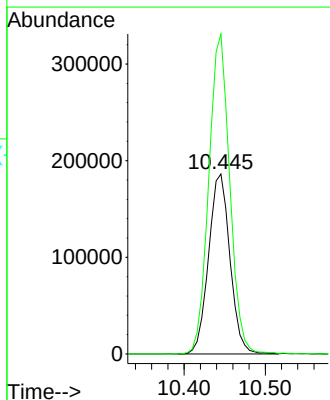
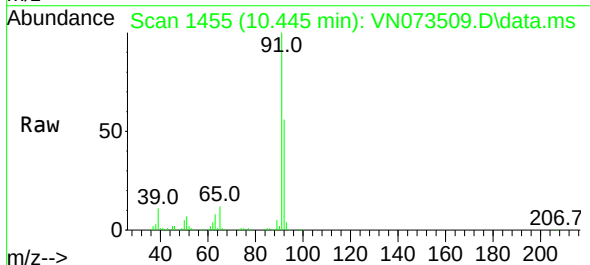
Manual Integrations
APPROVED

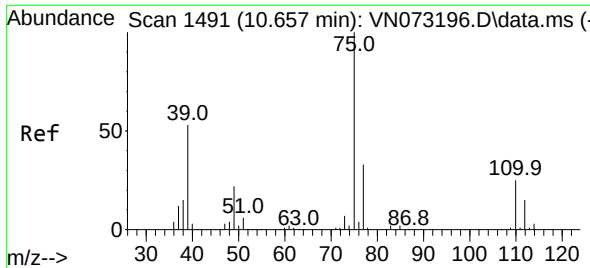
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#52
Toluene
Concen: 54.240 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

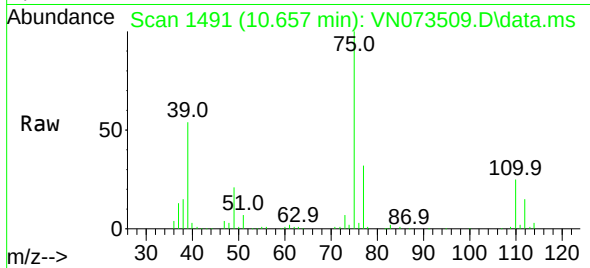
Tgt Ion: 92 Resp: 340674
Ion Ratio Lower Upper
92 100
91 174.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.488 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

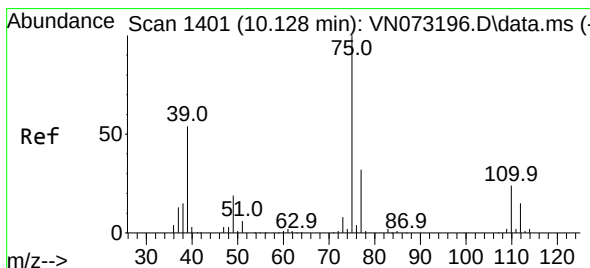
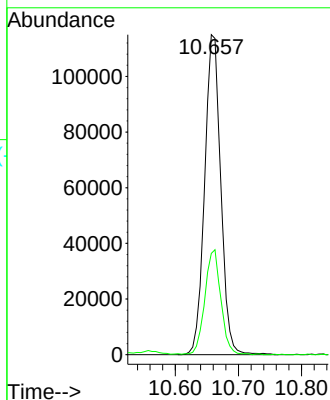
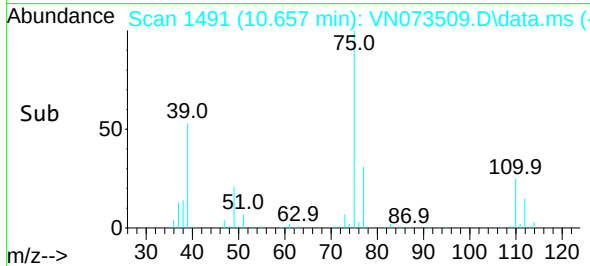
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



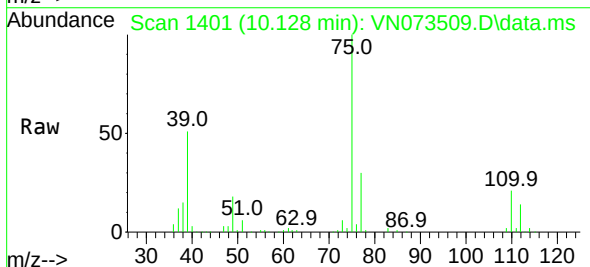
Tgt Ion: 75 Resp: 204339
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
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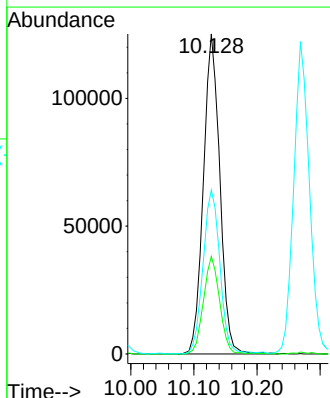
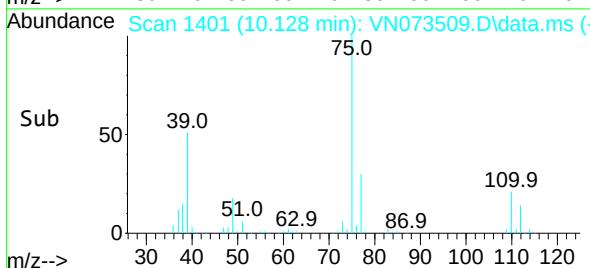
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

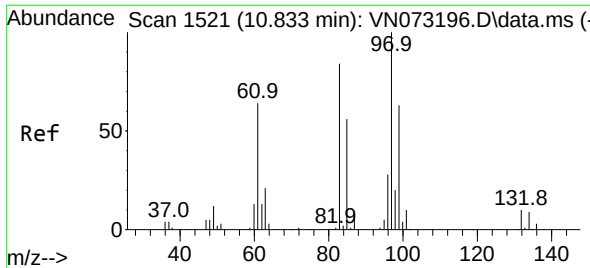


#54
cis-1,3-Dichloropropene
Concen: 55.940 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



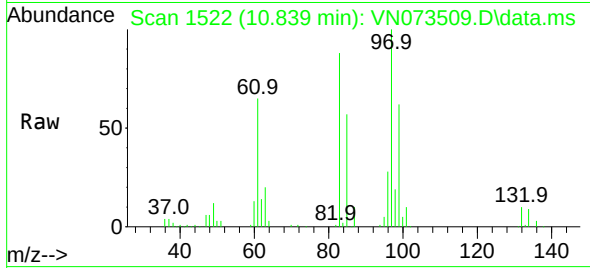
Tgt Ion: 75 Resp: 226482
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8
39 51.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 58.549 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

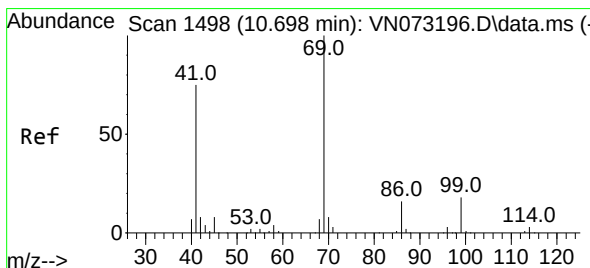
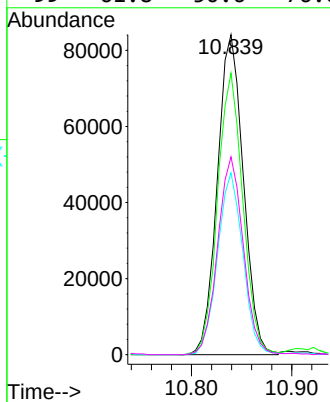
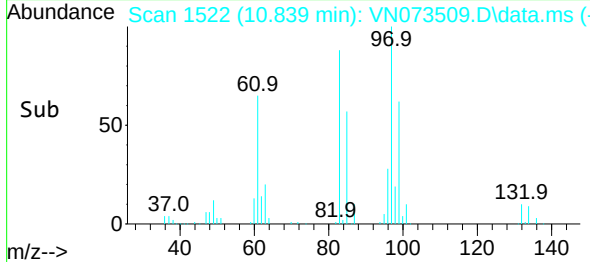
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



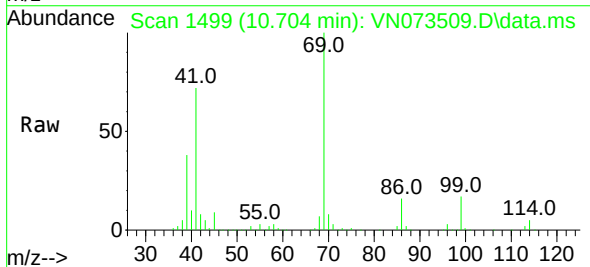
Tgt Ion: 97 Resp: 151392
Ion Ratio Lower Upper
97 100
83 88.0 66.2 99.4
85 56.8 43.9 65.9
99 61.8 50.6 76.0

Manual Integrations
APPROVED

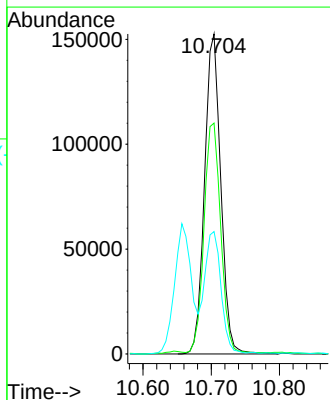
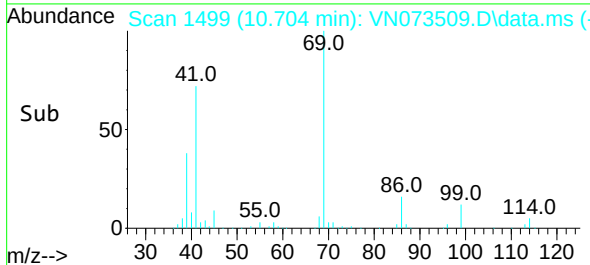
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

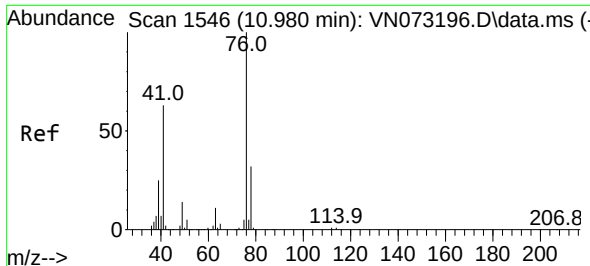


#56
Ethyl methacrylate
Concen: 60.368 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



Tgt Ion: 69 Resp: 252303
Ion Ratio Lower Upper
69 100
41 73.6 47.8 71.6#
39 38.2 27.3 40.9





#57

1,3-Dichloropropane

Concen: 59.227 ug/l

RT: 10.986 min Scan# 1546

Delta R.T. 0.006 min

Lab File: VN073509.D

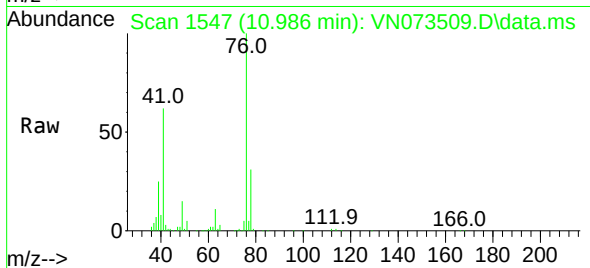
Acq: 18 Jul 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 262529

Ion Ratio Lower Upper

76 100

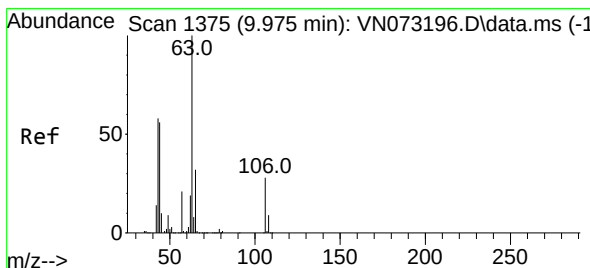
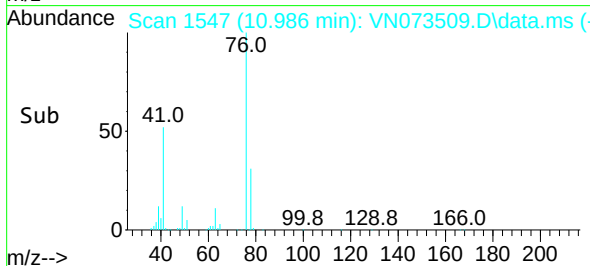
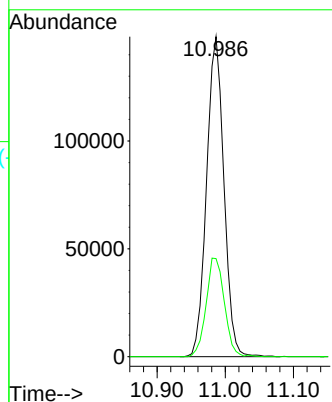
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2022

Supervised By :Mahesh Dadoda 07/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 301.496 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VN073509.D

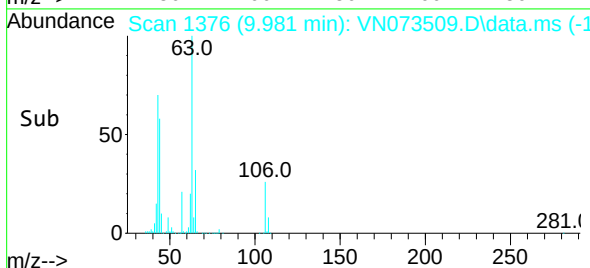
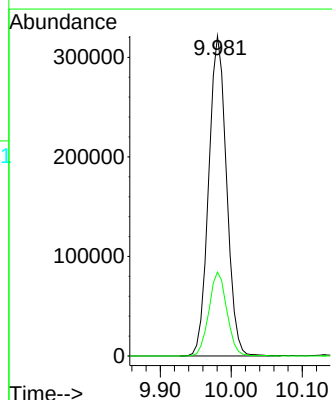
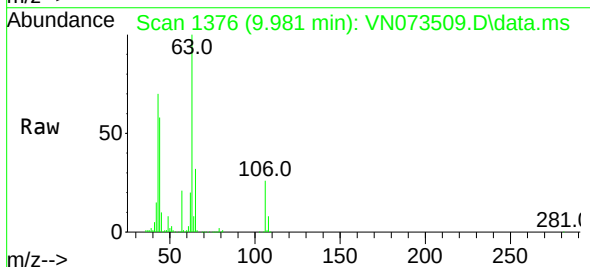
Acq: 18 Jul 2022 19:21

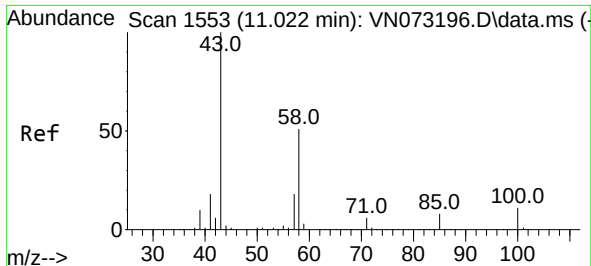
Tgt Ion: 63 Resp: 561966

Ion Ratio Lower Upper

63 100

106 26.3 24.6 36.8





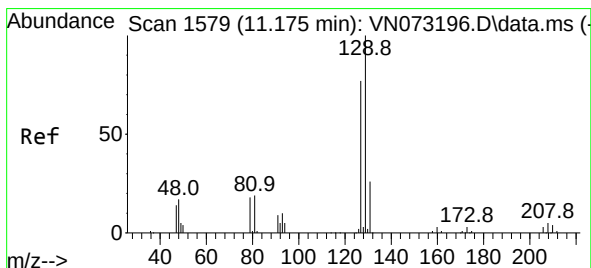
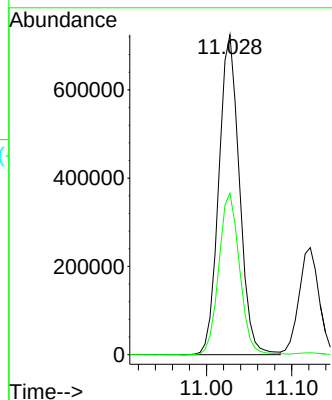
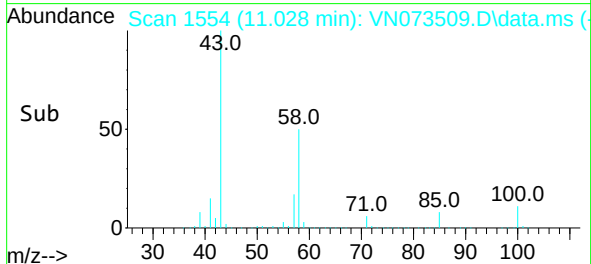
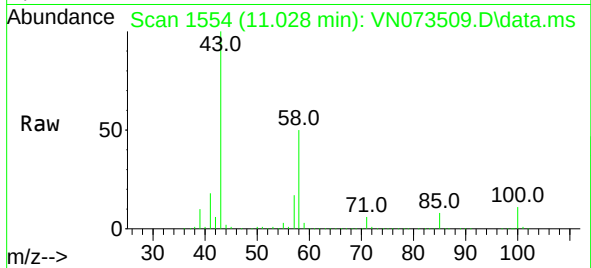
#59
2-Hexanone
Concen: 352.756 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 121944
Ion Ratio Lower Upper
43 100
58 50.8 29.7 89.1

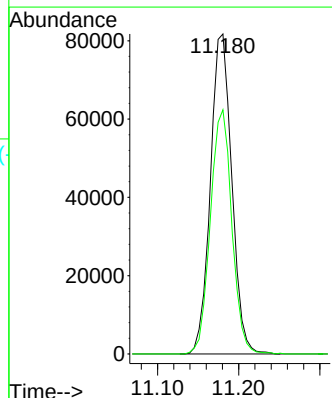
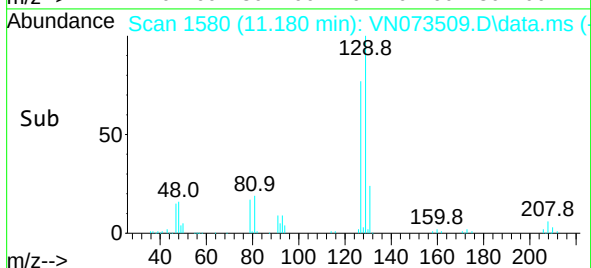
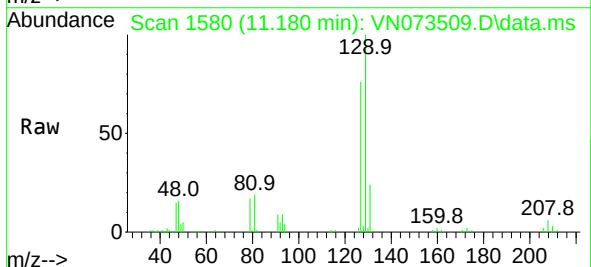
Manual Integrations
APPROVED

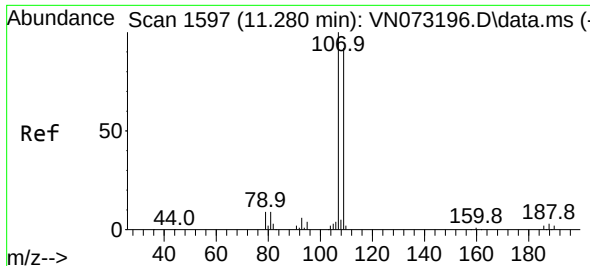
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#60
Dibromochloromethane
Concen: 60.667 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

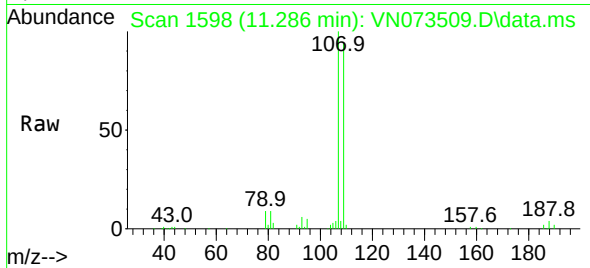
Tgt Ion:129 Resp: 149563
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 57.998 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

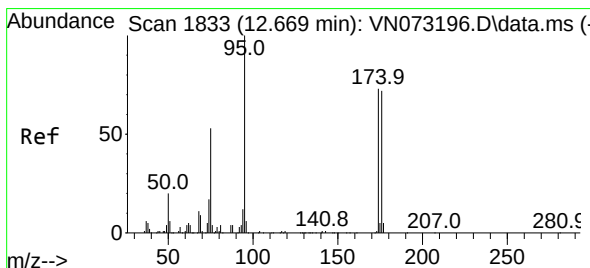
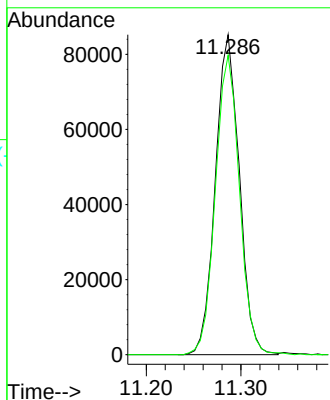
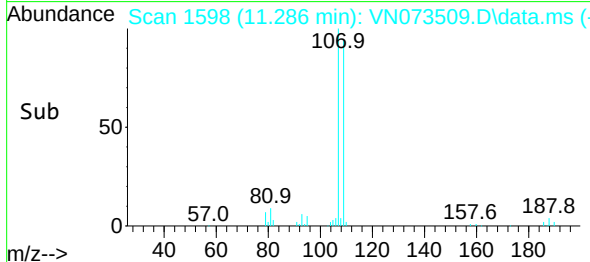
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



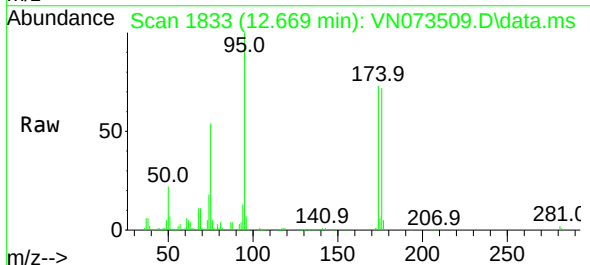
Tgt Ion:107 Resp: 149794
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6

Manual Integrations
APPROVED

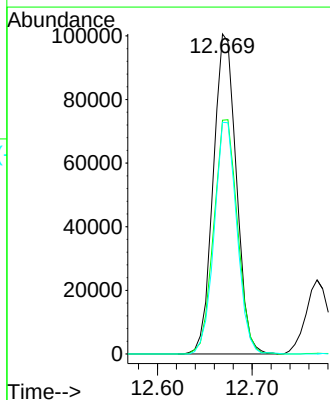
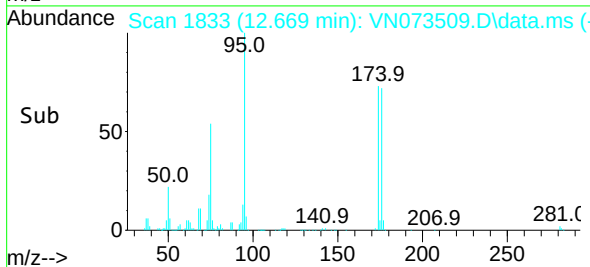
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

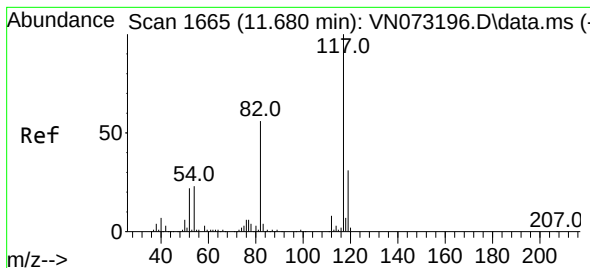


#62
4-Bromofluorobenzene
Concen: 58.343 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



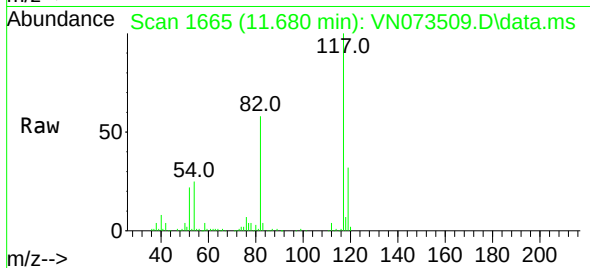
Tgt Ion: 95 Resp: 170431
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 71.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

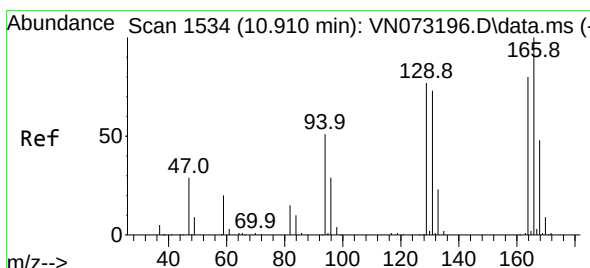
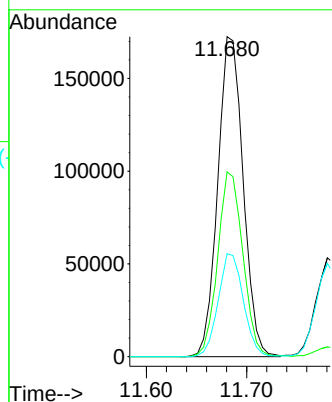
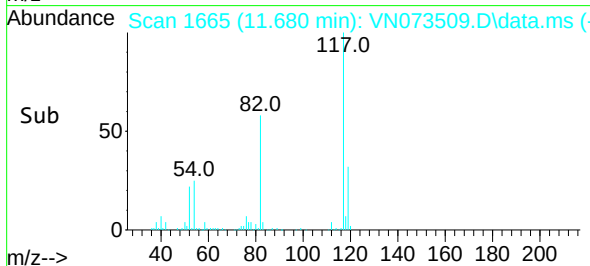
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



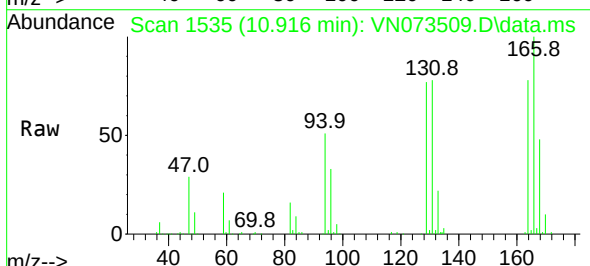
Tgt Ion:117 Resp: 303484
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 32.2 25.4 38.0

Manual Integrations
APPROVED

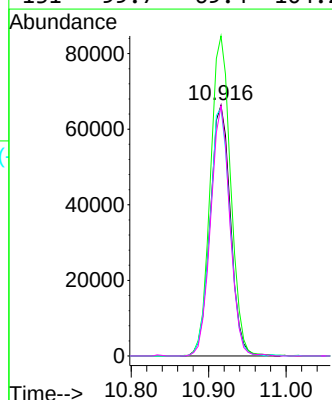
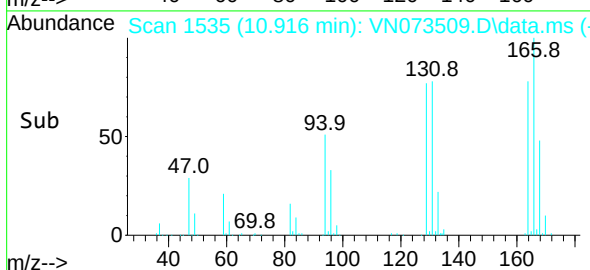
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

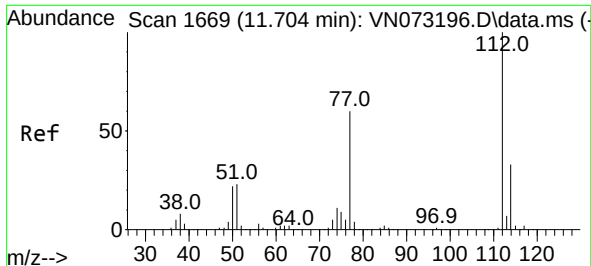


#64
Tetrachloroethene
Concen: 48.702 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



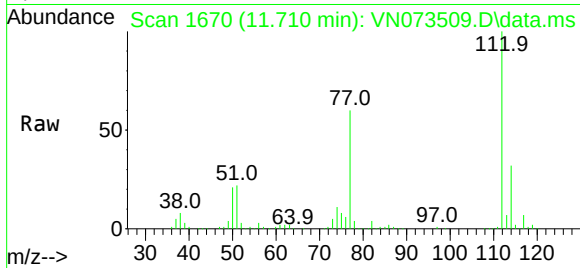
Tgt Ion:164 Resp: 120693
Ion Ratio Lower Upper
164 100
166 127.6 104.2 156.2
129 98.8 73.9 110.9
131 99.7 69.4 104.2





#65
Chlorobenzene
Concen: 52.569 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

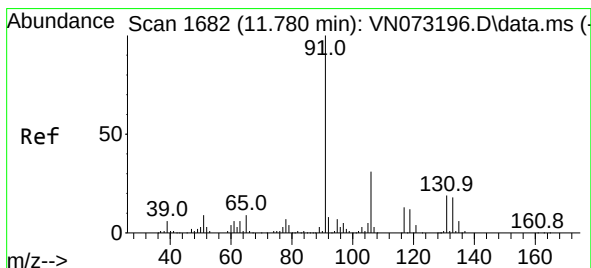
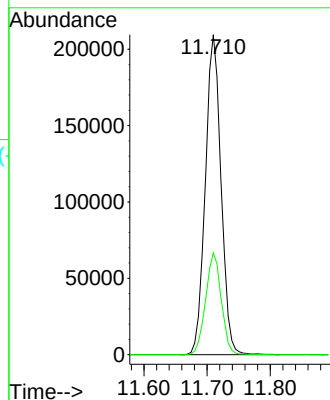
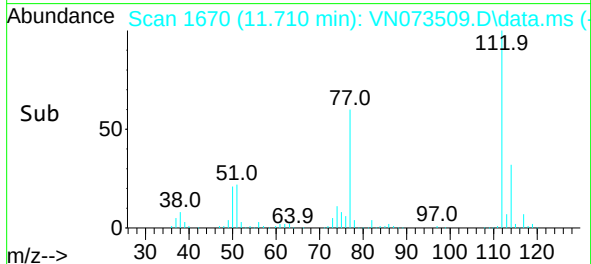
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



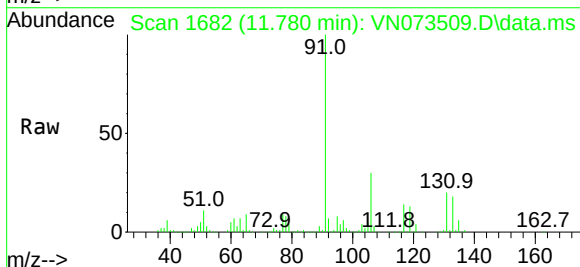
Tgt Ion:112 Resp: 360818
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
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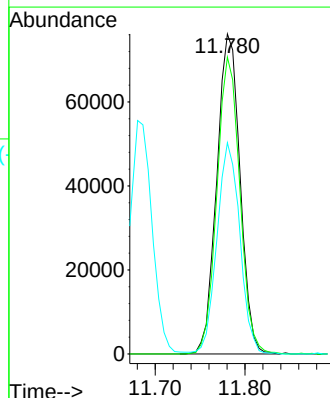
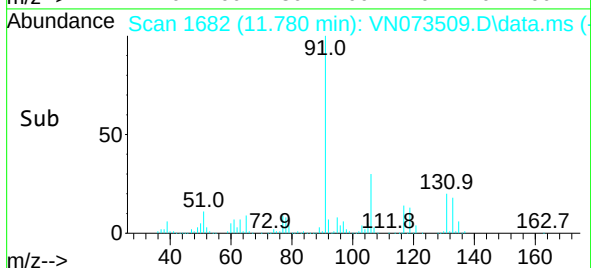
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

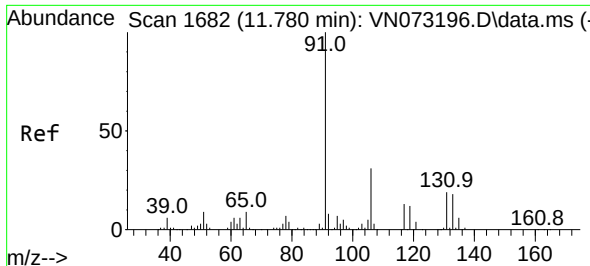


#66
1,1,1,2-Tetrachloroethane
Concen: 54.299 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



Tgt Ion:131 Resp: 137084
Ion Ratio Lower Upper
131 100
133 91.3 47.8 143.4
119 65.1 33.4 100.2





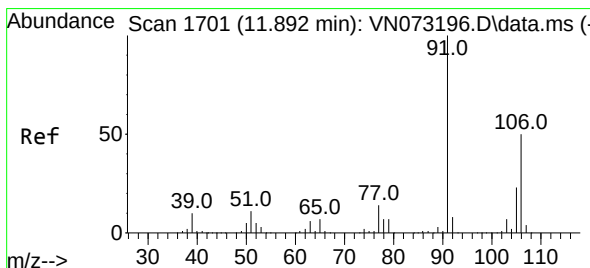
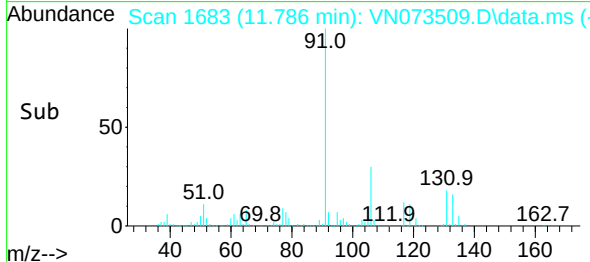
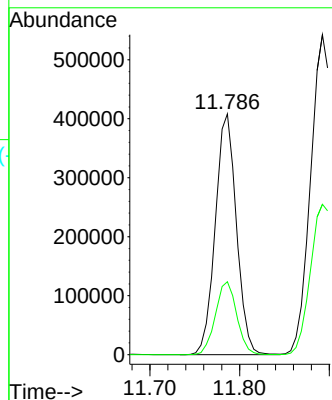
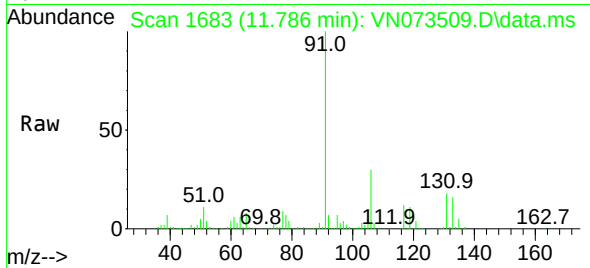
#67
Ethyl Benzene
Concen: 53.542 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 667180
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

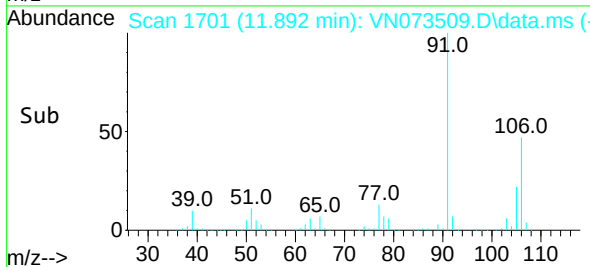
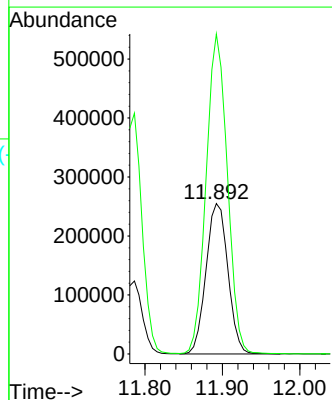
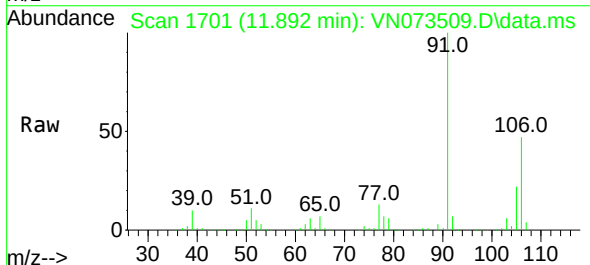
Manual Integrations
APPROVED

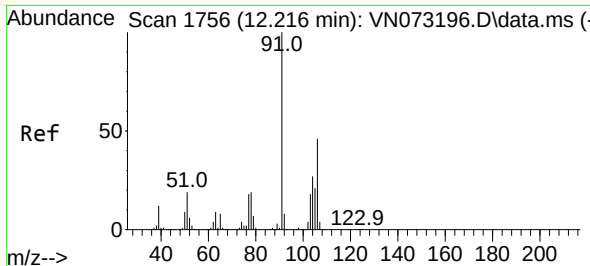
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#68
m/p-Xylenes
Concen: 106.480 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Tgt Ion:106 Resp: 500742
Ion Ratio Lower Upper
106 100
91 206.0 158.9 238.3





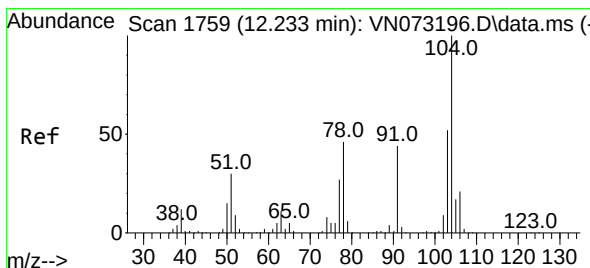
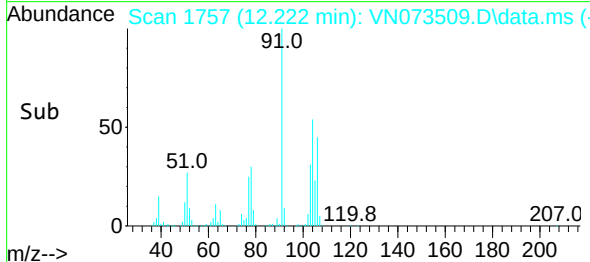
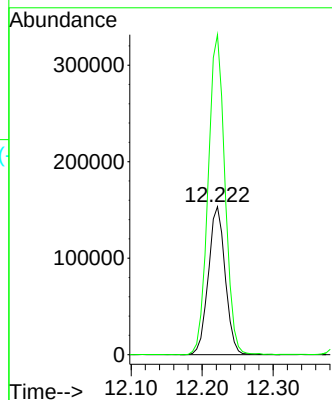
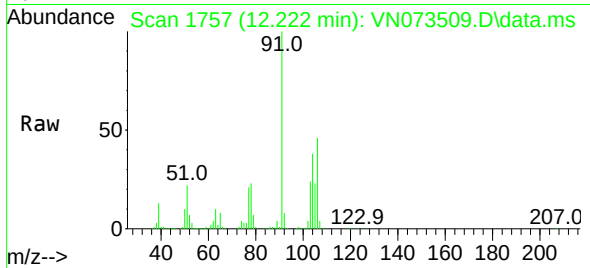
#69
o-Xylene
Concen: 52.685 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 252930
Ion Ratio Lower Upper
106 100
91 215.8 106.0 318.0

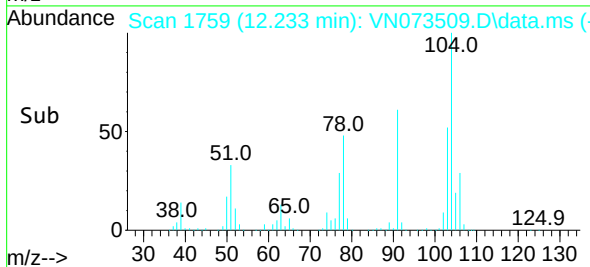
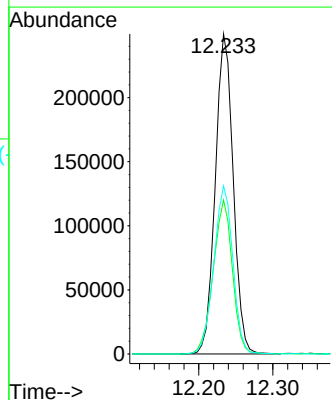
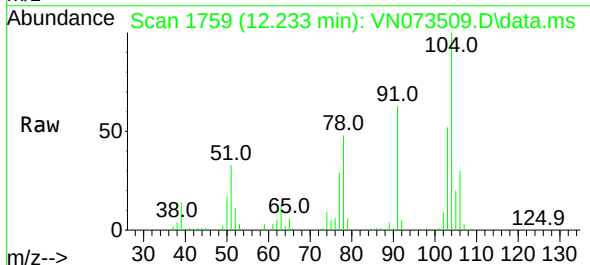
Manual Integrations
APPROVED

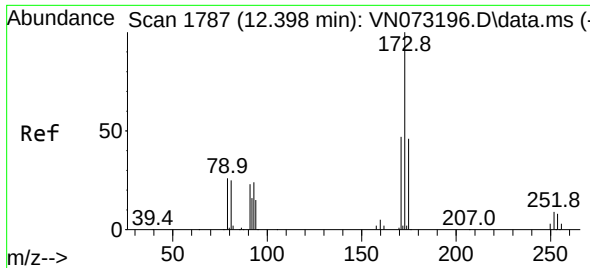
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#70
Styrene
Concen: 56.596 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

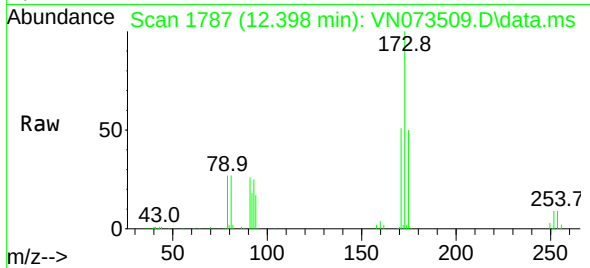
Tgt Ion:104 Resp: 419494
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 55.8 44.0 66.0





#71
Bromoform
Concen: 58.148 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

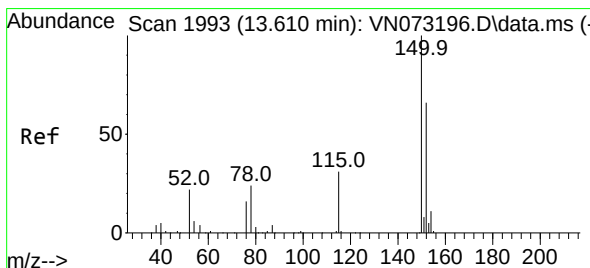
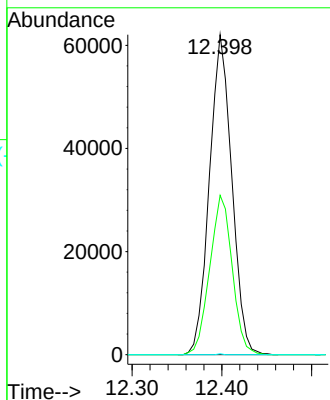
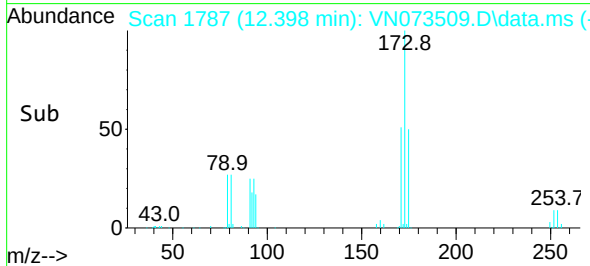
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 10741
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.6
254 0.1 0.1 0.1

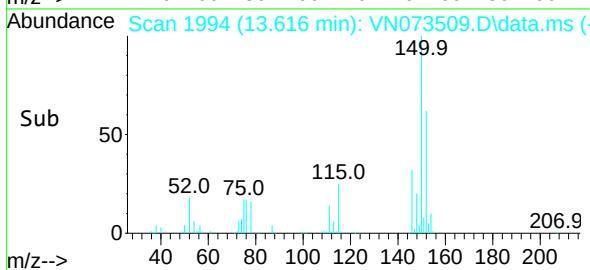
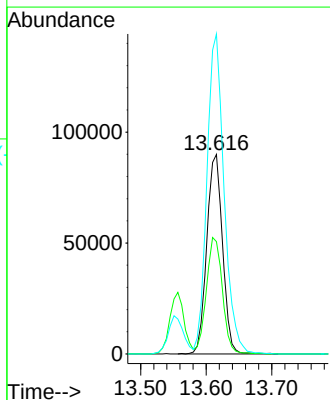
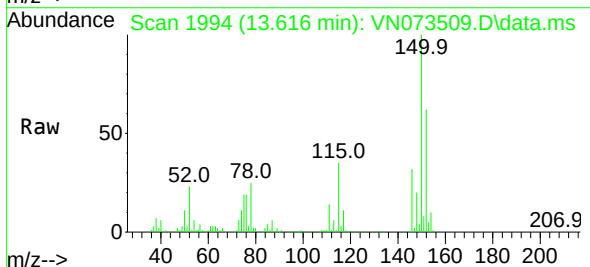
Manual Integrations
APPROVED

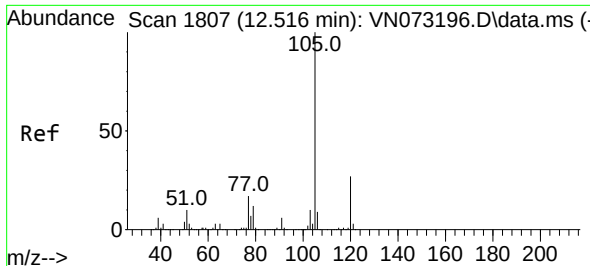
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

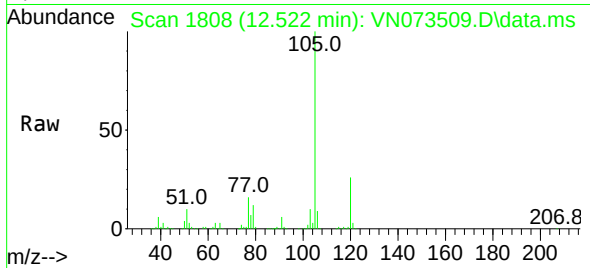
Tgt Ion:152 Resp: 150598
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 174.2 0.0 356.2





#73
Isopropylbenzene
Concen: 50.762 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

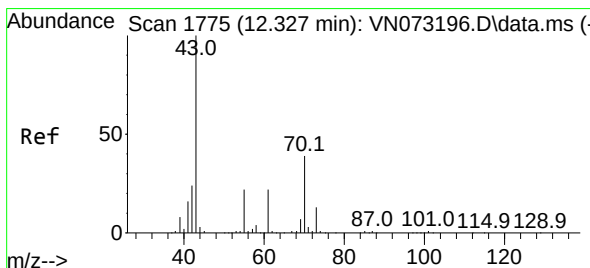
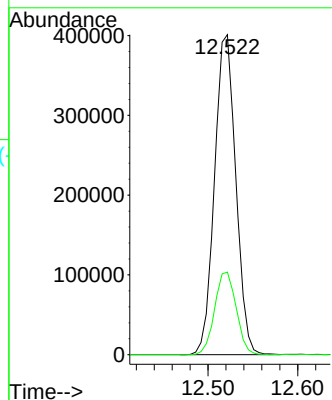
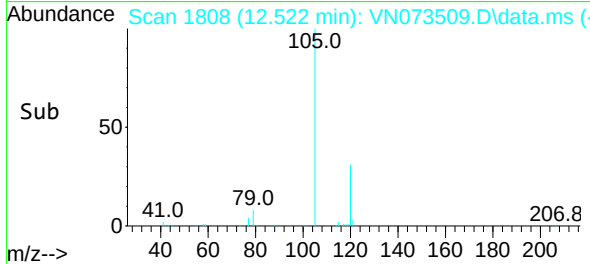
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 660149
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

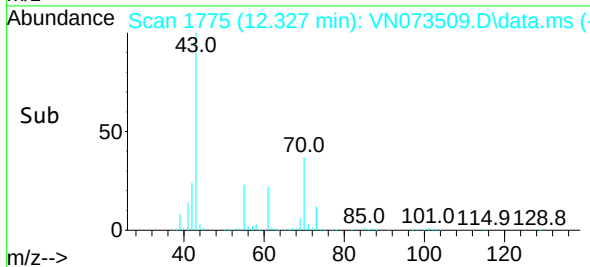
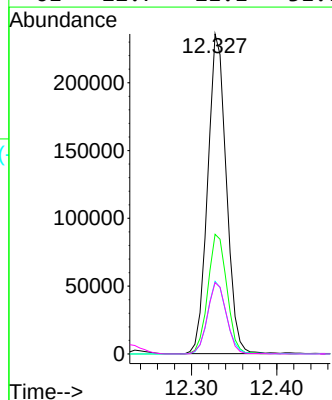
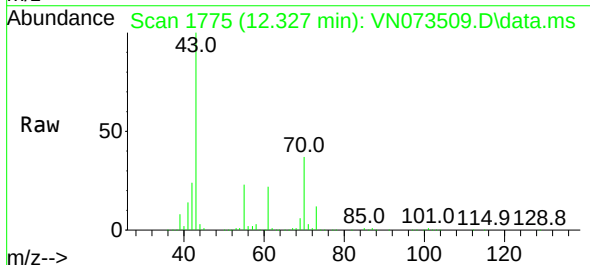
Manual Integrations
APPROVED

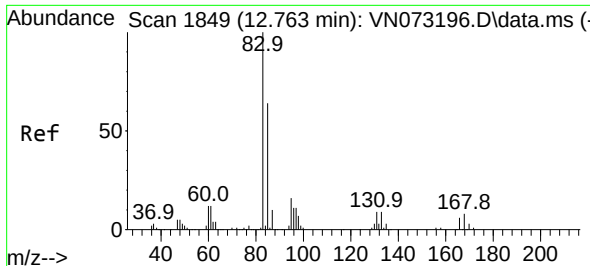
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#74
N-ethyl acetate
Concen: 54.785 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

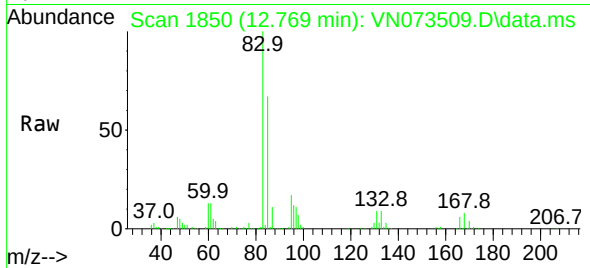
Tgt Ion: 43 Resp: 356747
Ion Ratio Lower Upper
43 100
70 38.4 39.0 58.4#
55 23.2 21.1 31.7
61 22.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 56.349 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

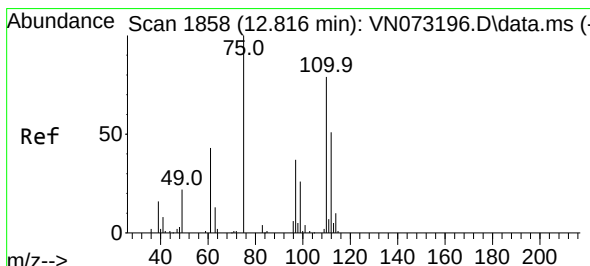
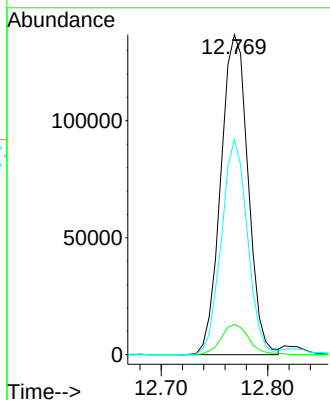
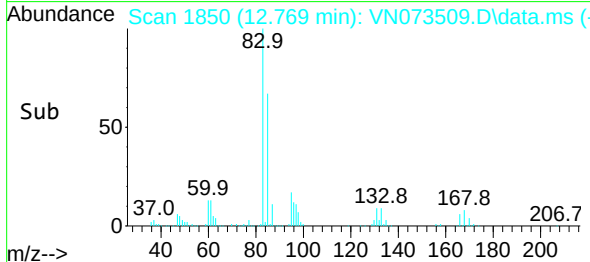
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 243172
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.9
85 64.3 32.3 96.9

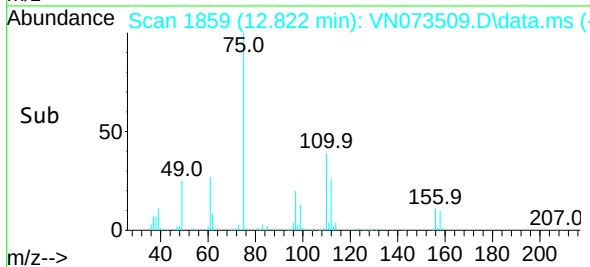
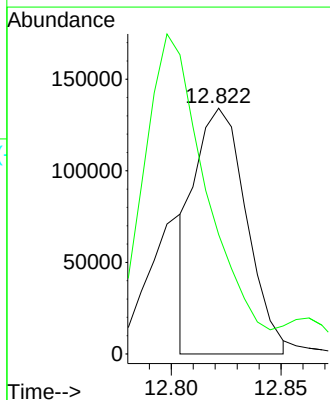
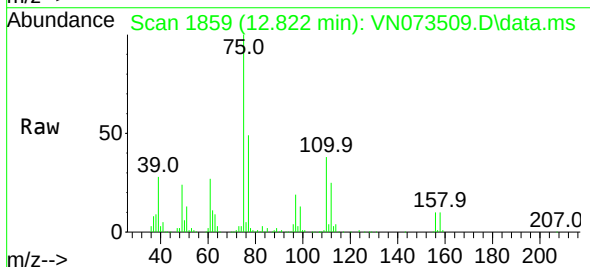
Manual Integrations
APPROVED

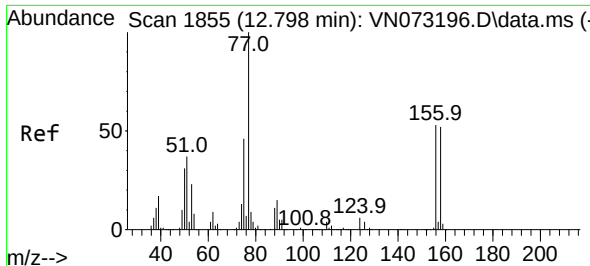
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#76
1,2,3-Trichloropropane
Concen: 55.782 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

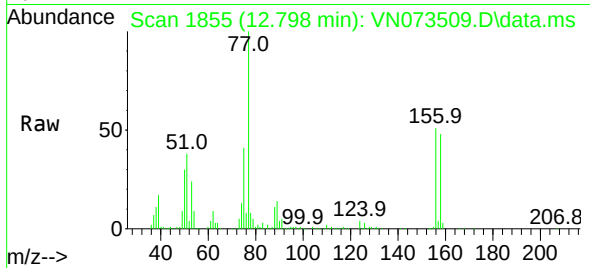
Tgt Ion: 75 Resp: 219659
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 50.533 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

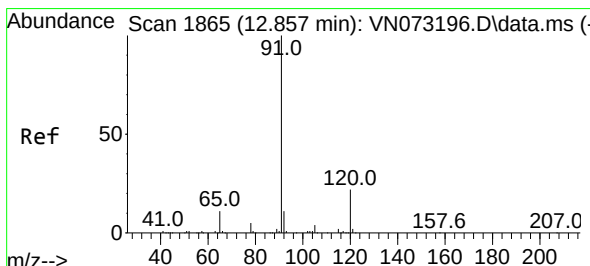
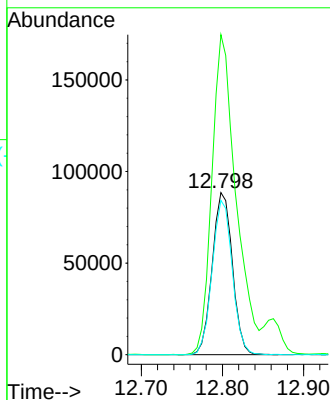
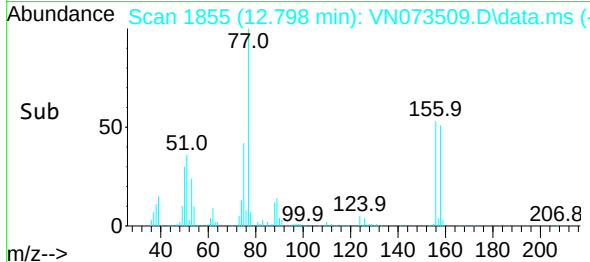
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



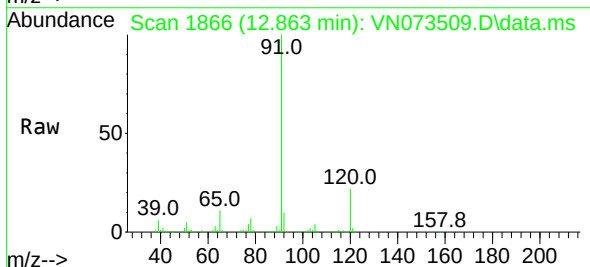
Tgt Ion:156 Resp: 152792
Ion Ratio Lower Upper
156 100
77 235.2 100.5 301.5
158 94.8 48.9 146.6

Manual Integrations
APPROVED

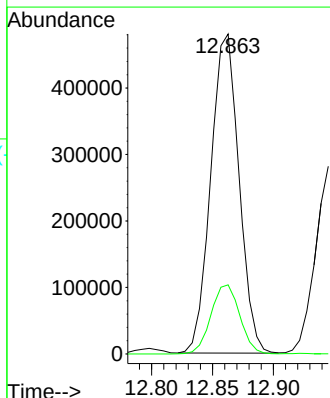
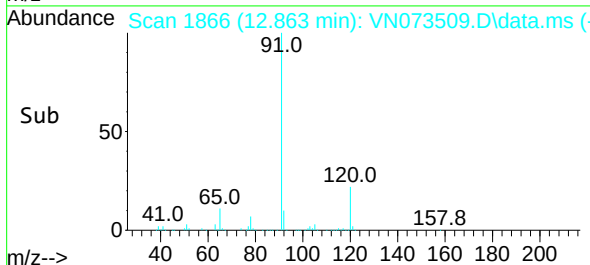
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

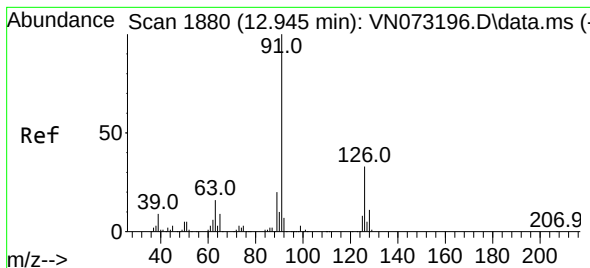


#78
n-propylbenzene
Concen: 53.650 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



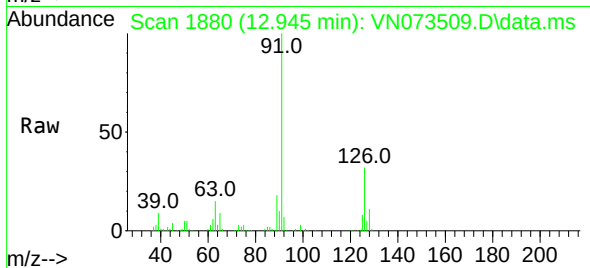
Tgt Ion: 91 Resp: 775090
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 51.577 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

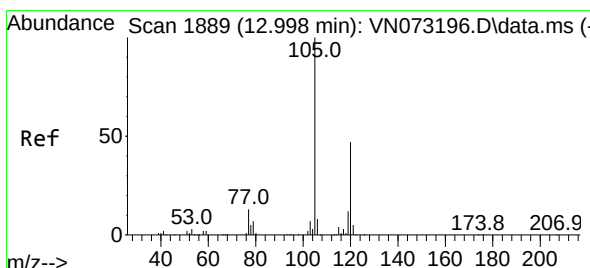
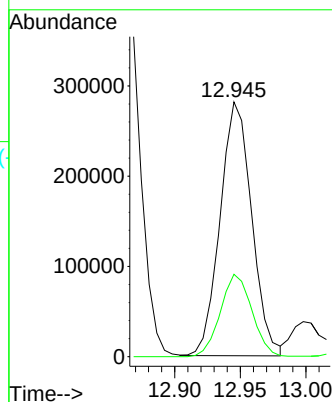
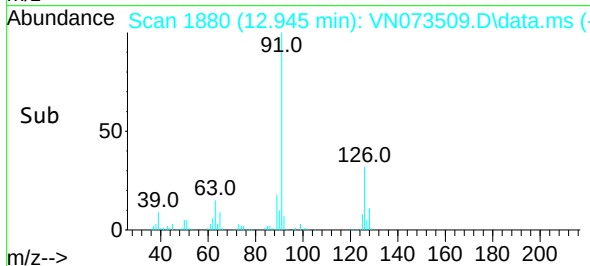
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



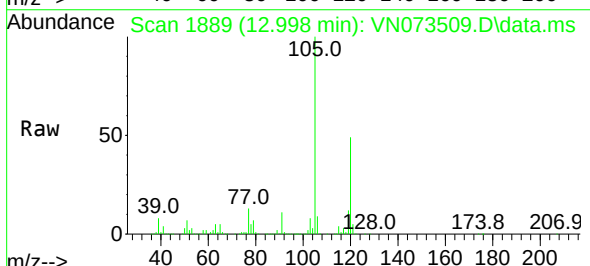
Tgt Ion: 91 Resp: 471602
Ion Ratio Lower Upper
91 100
126 32.4 17.3 51.9

Manual Integrations
APPROVED

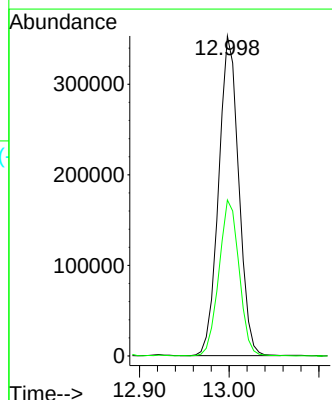
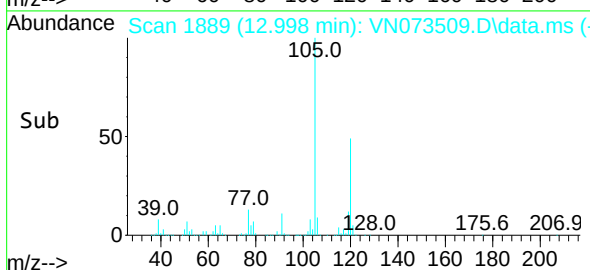
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

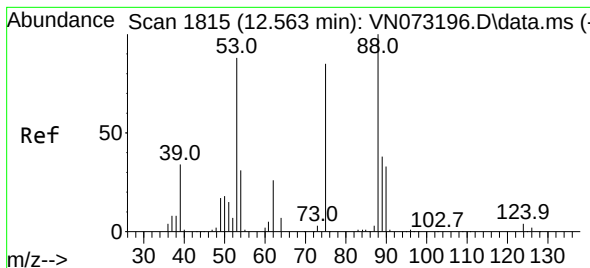


#80
1,3,5-Trimethylbenzene
Concen: 51.719 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



Tgt Ion:105 Resp: 548222
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7





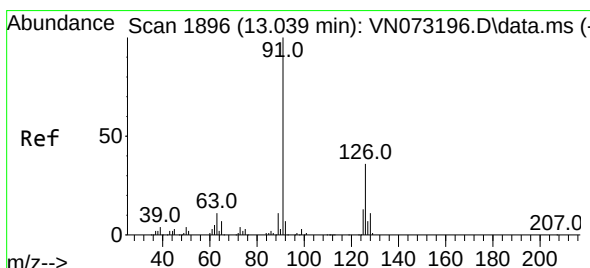
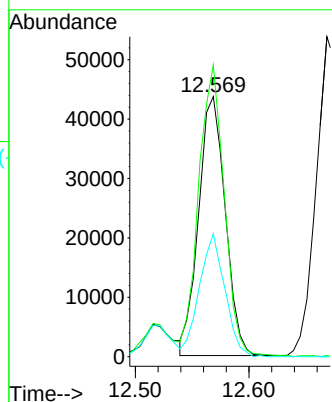
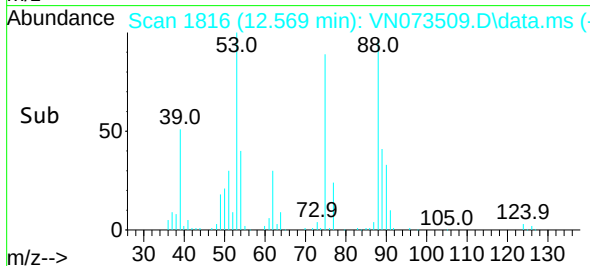
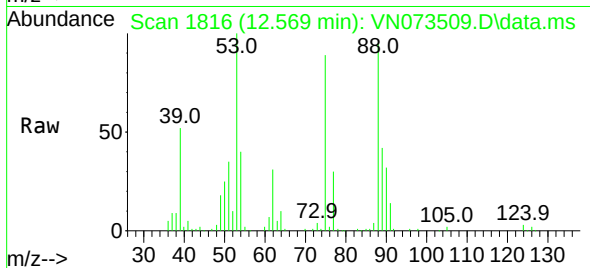
#81
trans-1,4-Dichloro-2-butene
Concen: 49.472 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 71030
Ion Ratio Lower Upper
75 100
53 108.7 78.0 117.0
89 45.7 37.2 55.8

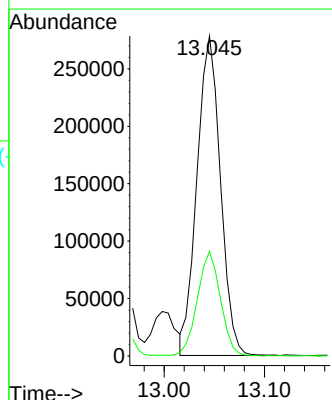
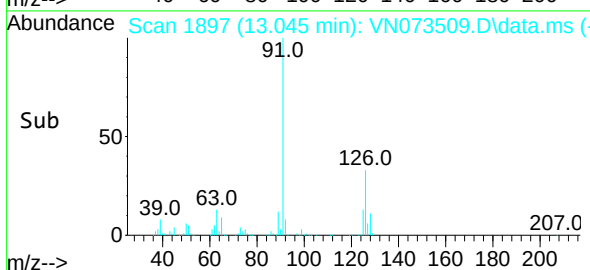
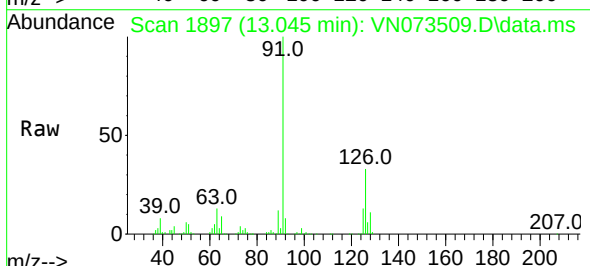
Manual Integrations
APPROVED

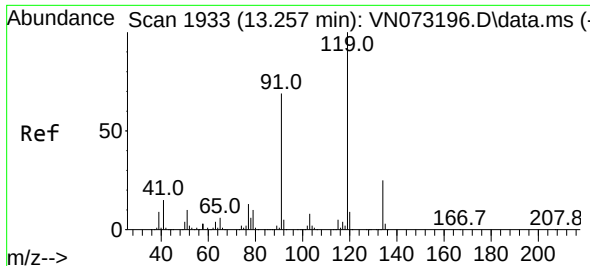
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#82
4-Chlorotoluene
Concen: 51.102 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

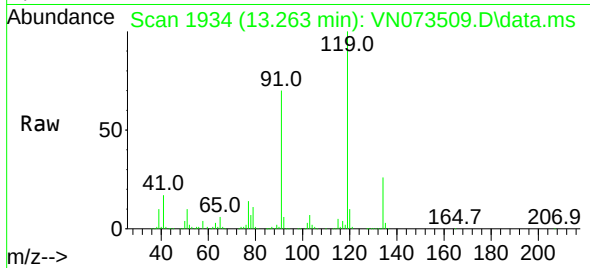
Tgt Ion: 91 Resp: 452371
Ion Ratio Lower Upper
91 100
126 32.2 17.2 51.6





#83
 tert-Butylbenzene
 Concen: 50.580 ug/l
 RT: 13.263 min Scan# 1934
 Delta R.T. 0.006 min
 Lab File: VN073509.D
 Acq: 18 Jul 2022 19:21

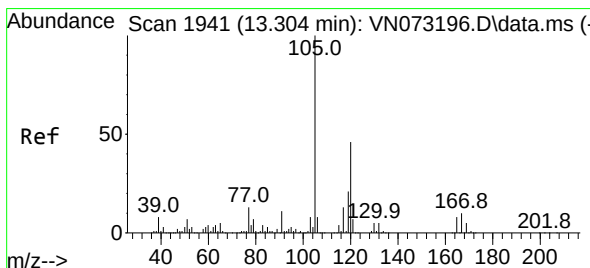
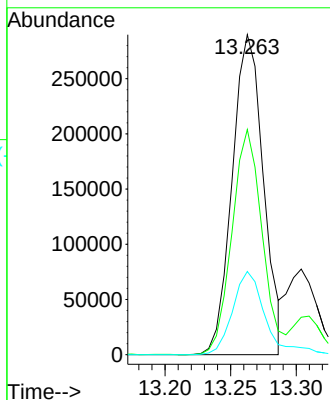
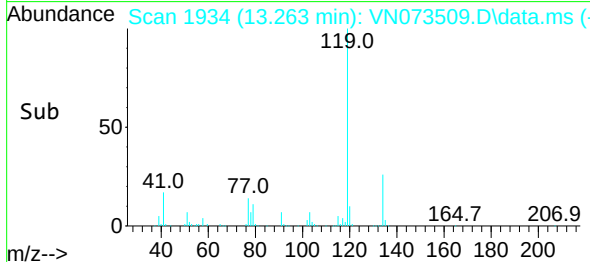
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:119 Resp: 480664
 Ion Ratio Lower Upper
 119 100
 91 68.4 31.6 94.8
 134 27.2 13.7 41.1

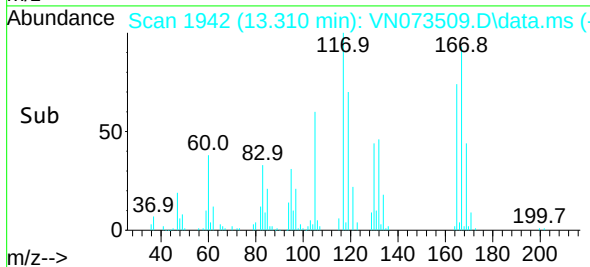
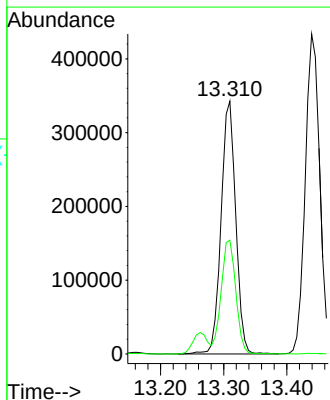
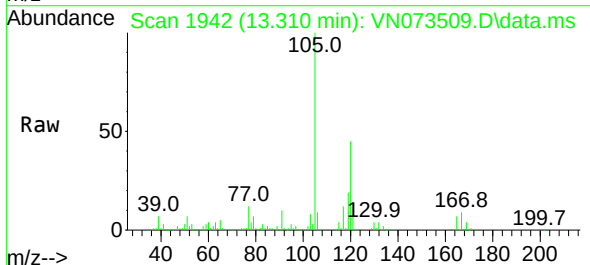
Manual Integrations
 APPROVED

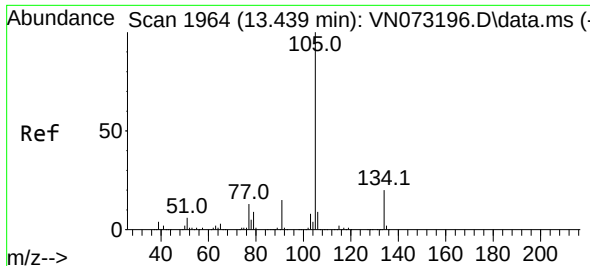
Reviewed By :John Carlone 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022



#84
 1,2,4-Trimethylbenzene
 Concen: 52.245 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VN073509.D
 Acq: 18 Jul 2022 19:21

Tgt Ion:105 Resp: 552909
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.3 69.8





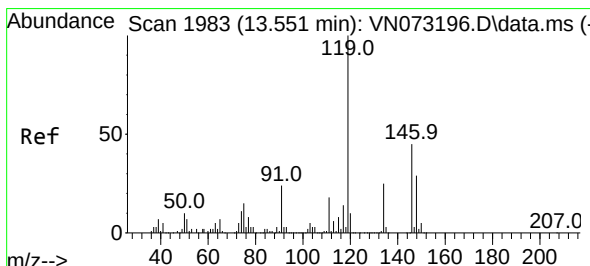
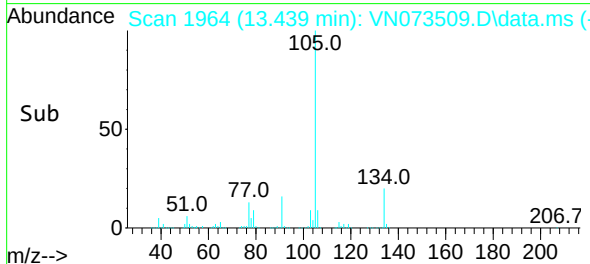
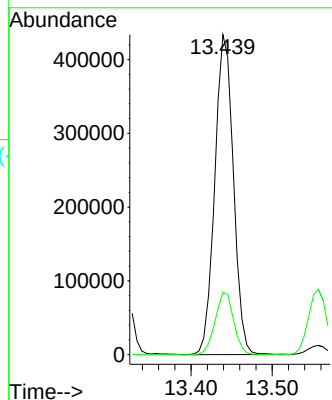
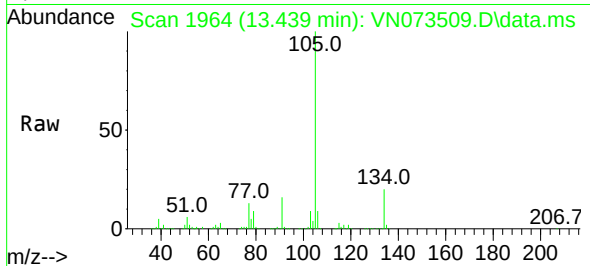
#85
 sec-Butylbenzene
 Concen: 54.160 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073509.D
 Acq: 18 Jul 2022 19:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 691119
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

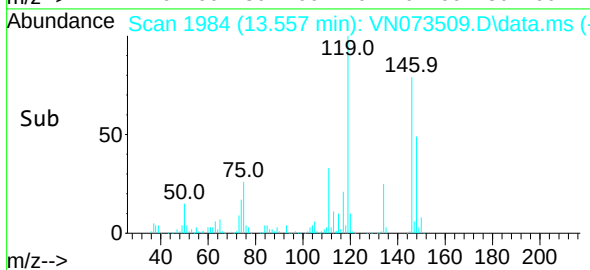
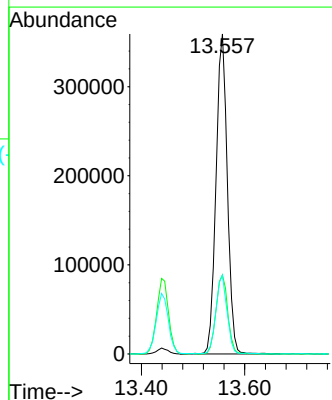
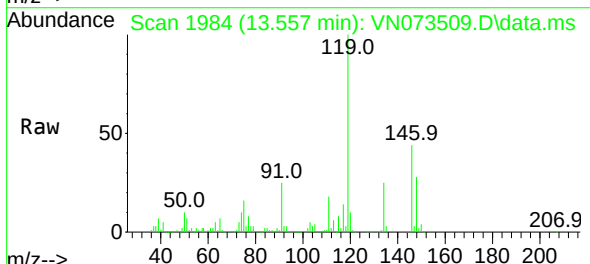
Manual Integrations
 APPROVED

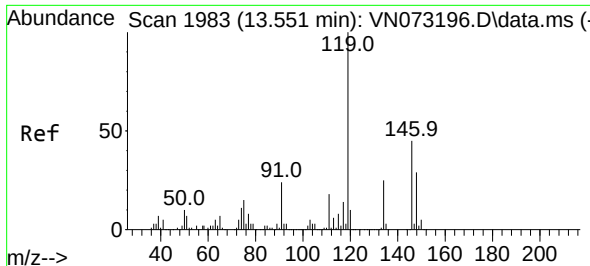
Reviewed By :John Carlone 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022



#86
 p-Isopropyltoluene
 Concen: 52.996 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073509.D
 Acq: 18 Jul 2022 19:21

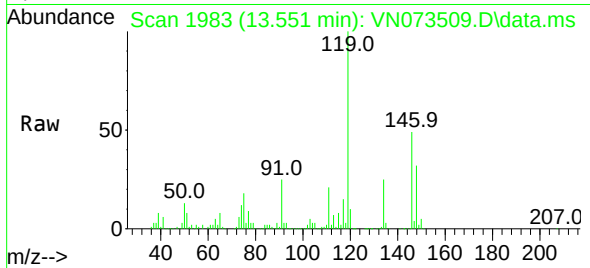
Tgt Ion:119 Resp: 546291
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 23.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 50.680 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

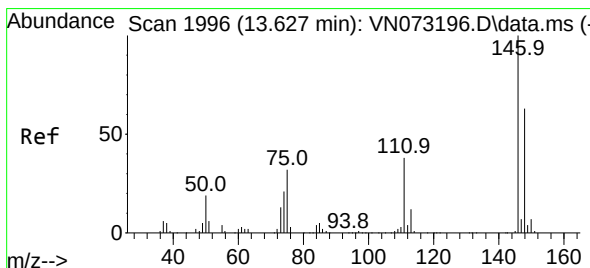
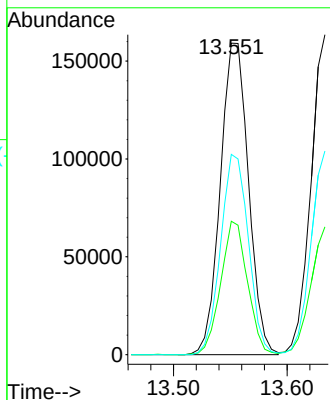
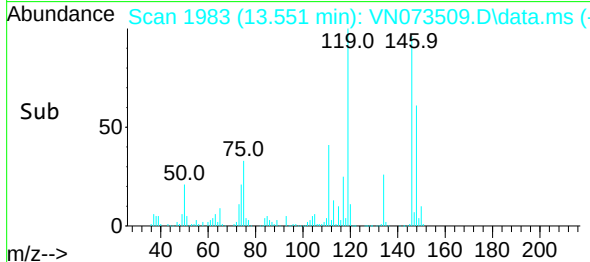
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



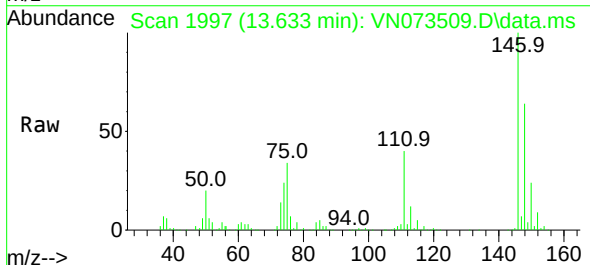
Tgt Ion:146 Resp: 27490
Ion Ratio Lower Upper
146 100
111 40.7 20.0 60.0
148 63.2 32.0 96.0

Manual Integrations
APPROVED

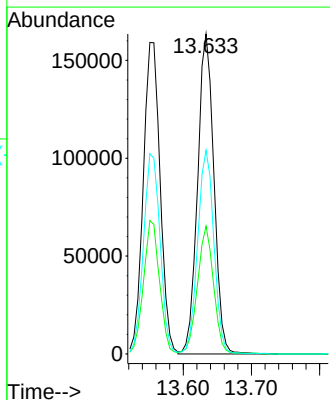
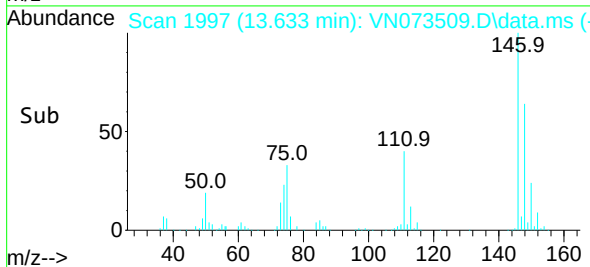
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

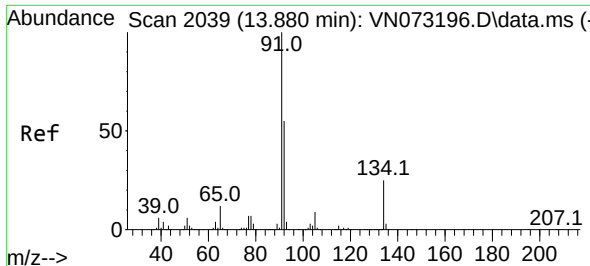


#88
1,4-Dichlorobenzene
Concen: 50.013 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



Tgt Ion:146 Resp: 271812
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 63.1 31.4 94.3





#89

n-Butylbenzene

Concen: 53.868 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

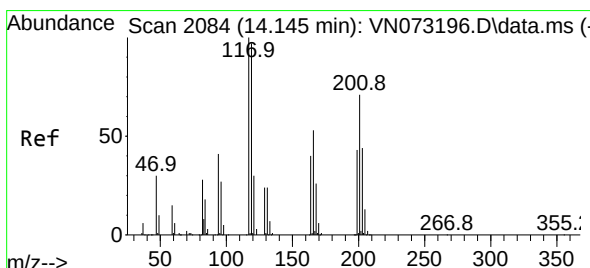
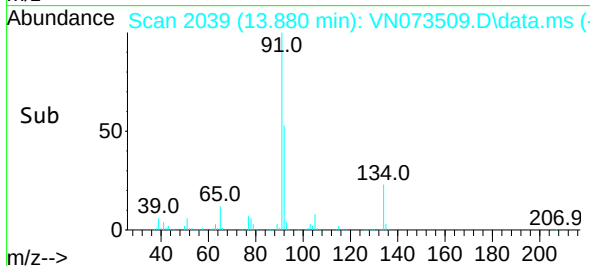
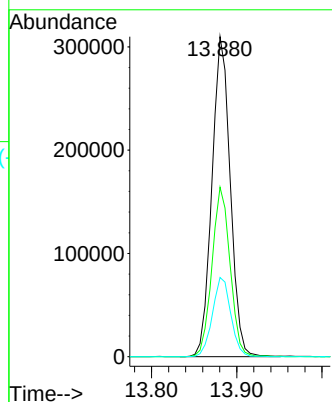
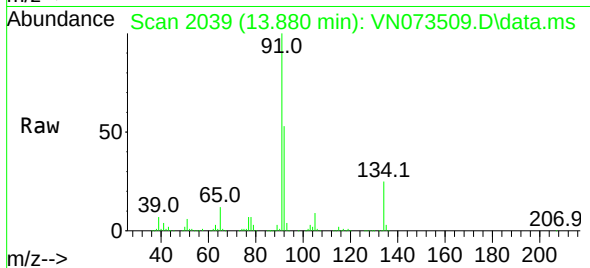
Tgt Ion:	91	Resp:	46271
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.9	80.7
134	24.8	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2022

Supervised By :Mahesh Dadoda 07/19/2022



#90

Hexachloroethane

Concen: 51.695 ug/l

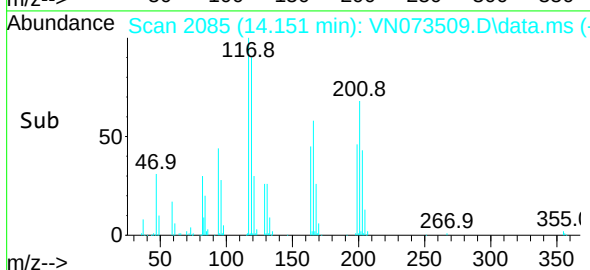
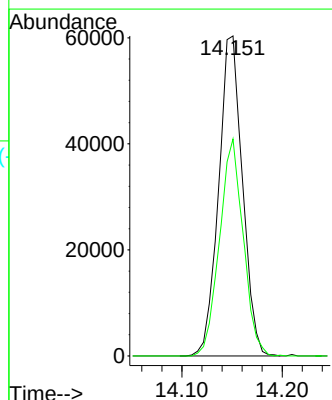
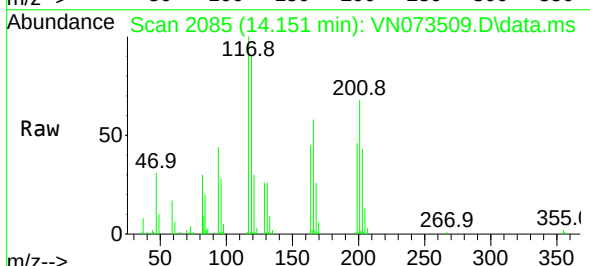
RT: 14.151 min Scan# 2085

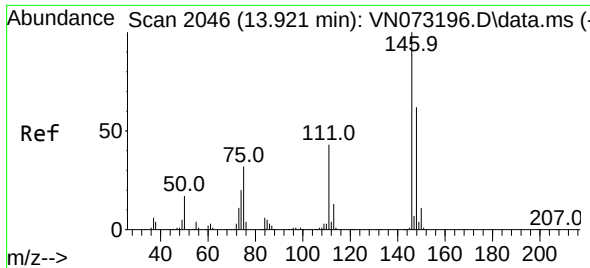
Delta R.T. 0.006 min

Lab File: VN073509.D

Acq: 18 Jul 2022 19:21

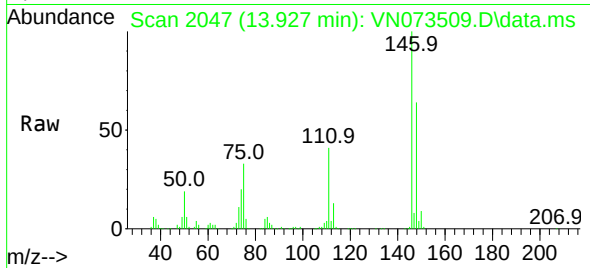
Tgt Ion:	117	Resp:	99309
Ion	Ratio	Lower	Upper
117	100		
201	67.5	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 51.598 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

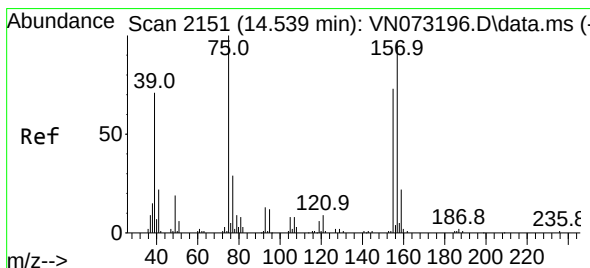
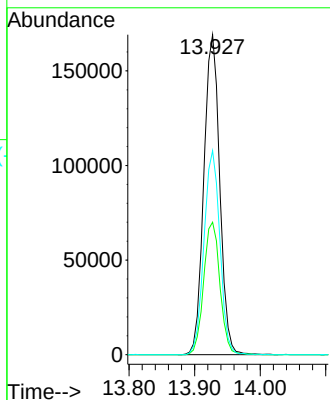
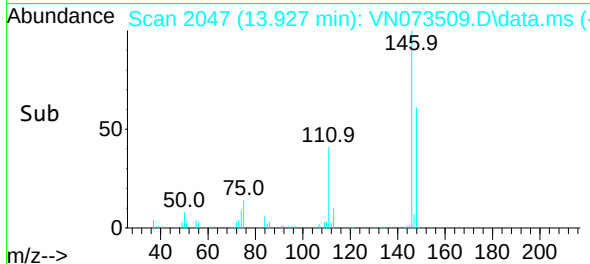
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



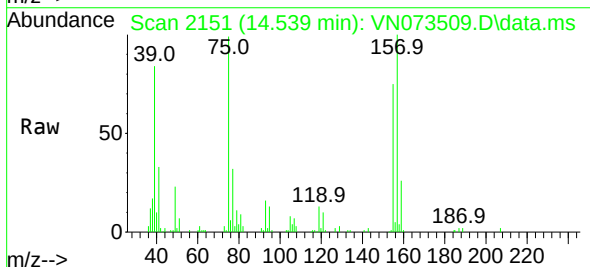
Tgt Ion:146 Resp: 28511
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.8
148 63.9 32.1 96.3

Manual Integrations
APPROVED

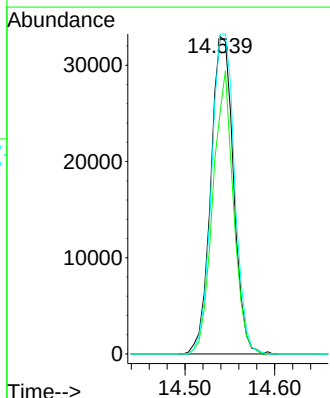
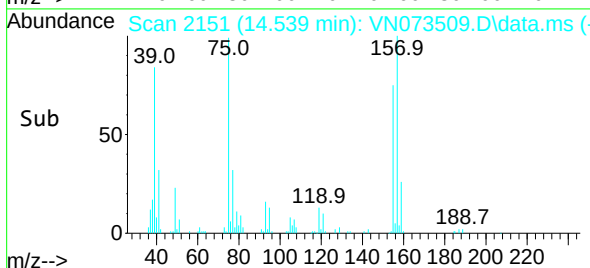
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

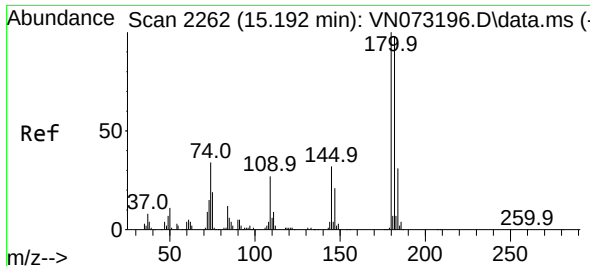


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.070 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



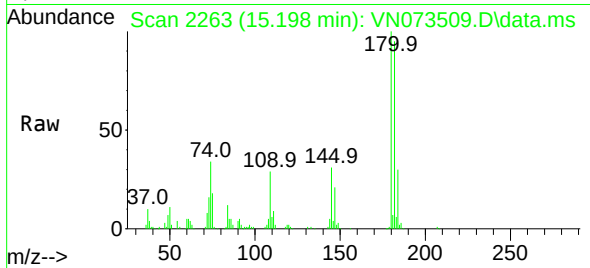
Tgt Ion: 75 Resp: 57763
Ion Ratio Lower Upper
75 100
155 80.8 44.9 134.5
157 102.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 49.066 ug/l
RT: 15.198 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

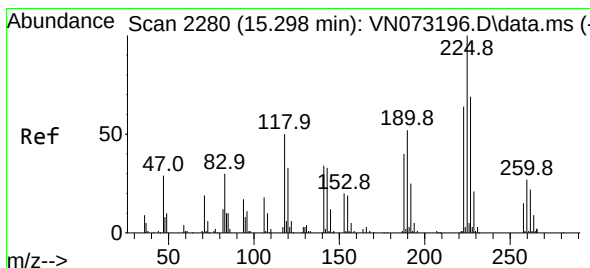
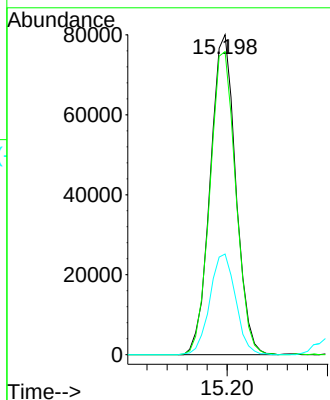
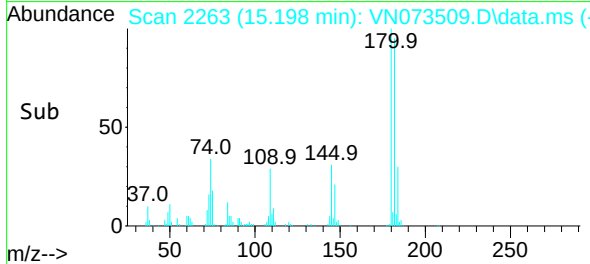
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



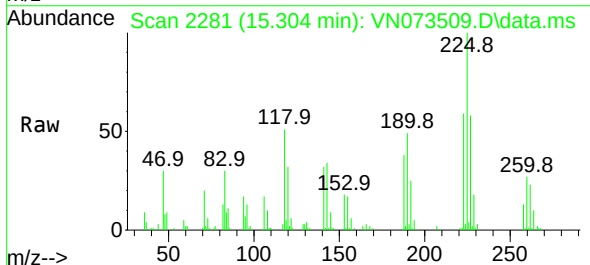
Tgt Ion:180 Resp: 141170
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 31.8 14.5 43.5

Manual Integrations
APPROVED

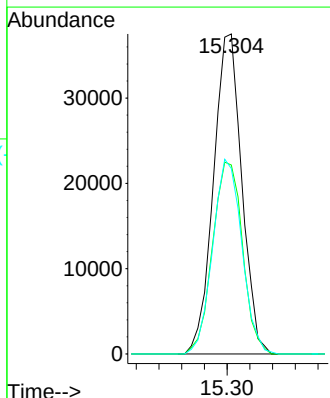
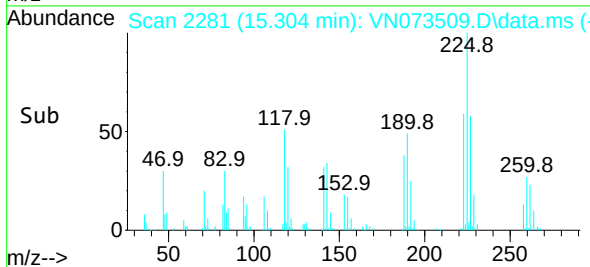
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

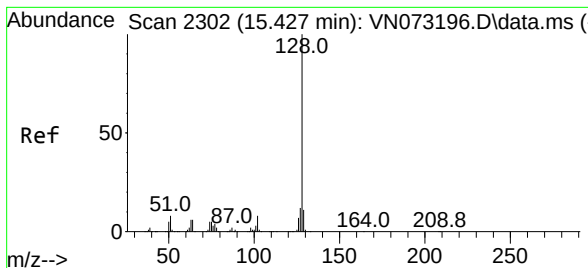


#94
Hexachlorobutadiene
Concen: 50.733 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



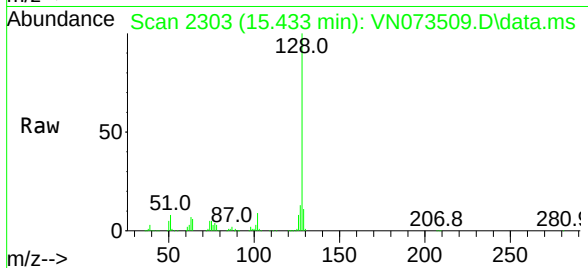
Tgt Ion:225 Resp: 64887
Ion Ratio Lower Upper
225 100
223 63.4 32.4 97.2
227 62.5 31.8 95.4





#95
Naphthalene
Concen: 49.690 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21

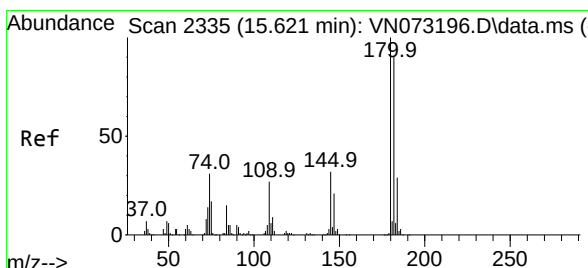
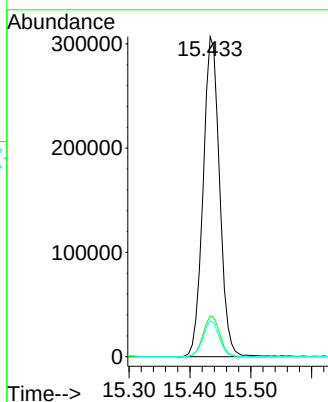
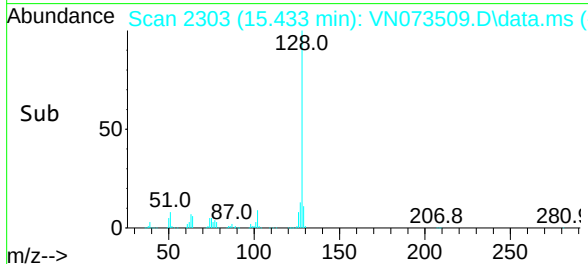
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



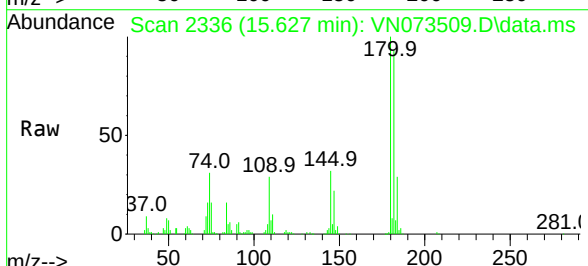
Tgt Ion:128 Resp: 576740
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.772 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073509.D
Acq: 18 Jul 2022 19:21



Tgt Ion:180 Resp: 150687
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.3
145 33.6 15.5 46.5

