

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073963.D
 Acq On : 16 Aug 2022 21:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 17 01:24:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/17/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	648668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1004770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	913557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	468608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	349275	55.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.560%			
35) Dibromofluoromethane	7.951	113	313550	52.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	10.380	98	1196703	52.001	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.674	95	427640	55.991	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	277886	54.027	ug/l	100
3) Chloromethane	2.269	50	285572	49.928	ug/l	98
4) Vinyl Chloride	2.404	62	348313	47.437	ug/l	97
5) Bromomethane	2.787	94	119564	26.076	ug/l	98
6) Chloroethane	2.957	64	227051	43.771	ug/l	96
7) Trichlorofluoromethane	3.310	101	508245	53.658	ug/l	100
8) Diethyl Ether	3.763	74	184104	52.361	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	270279	49.121	ug/l	93
10) Methyl Iodide	4.345	142	182232	27.587	ug/l	98
11) Tert butyl alcohol	5.292	59	392812	277.952	ug/l	99
12) 1,1-Dichloroethene	4.110	96	258551	50.503	ug/l	94
13) Acrolein	3.975	56	310356	313.742	ug/l	97
14) Allyl chloride	4.757	41	390846	51.549	ug/l	98
15) Acrylonitrile	5.475	53	940415	272.560	ug/l	100
16) Acetone	4.222	43	799436	268.199	ug/l	98
17) Carbon Disulfide	4.451	76	606148	49.795	ug/l	99
18) Methyl Acetate	4.775	43	450512	61.035	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	989154	53.647	ug/l	99
20) Methylene Chloride	5.010	84	306185	48.679	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	282404	50.070	ug/l	93
22) Diisopropyl ether	6.416	45	875682	54.472	ug/l	96
23) Vinyl Acetate	6.351	43	3838381	278.623	ug/l	99
24) 1,1-Dichloroethane	6.310	63	518700	51.836	ug/l	100
25) 2-Butanone	7.263	43	1290676	273.084	ug/l	99
26) 2,2-Dichloropropane	7.251	77	292012	31.061	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	352783	50.695	ug/l	91
28) Bromochloromethane	7.586	49	195178	52.884	ug/l	86
29) Tetrahydrofuran	7.610	42	840431	277.203	ug/l	96
30) Chloroform	7.745	83	562335	50.257	ug/l	100
31) Cyclohexane	8.022	56	448076	50.874	ug/l	96
32) 1,1,1-Trichloroethane	7.945	97	502812	50.673	ug/l	96
36) 1,1-Dichloropropene	8.151	75	393966	47.734	ug/l	98
37) Ethyl Acetate	7.339	43	504904	50.496	ug/l	99
38) Carbon Tetrachloride	8.133	117	441251	46.773	ug/l	99
39) Methylcyclohexane	9.398	83	505239	48.855	ug/l	95
40) Benzene	8.392	78	1250122	47.991	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	238654	52.815	ug/l	94
42) 1,2-Dichloroethane	8.463	62	427442	47.723	ug/l	98
43) Isopropyl Acetate	8.498	43	762755	53.548	ug/l	99
44) Trichloroethene	9.151	130	344034	45.727	ug/l	99
45) 1,2-Dichloropropane	9.427	63	312979	50.128	ug/l	100
46) Dibromomethane	9.516	93	226975	47.815	ug/l	93
47) Bromodichloromethane	9.704	83	436553	48.116	ug/l	95
48) Methyl methacrylate	9.498	41	324940	53.313	ug/l	92
49) 1,4-Dioxane	9.504	88	175838	970.140	ug/l	97
51) 4-Methyl-2-Pentanone	10.274	43	2514817	261.129	ug/l	98
52) Toluene	10.445	92	837458	46.885	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	458478	48.156	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	491542	47.187	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	342445	49.285	ug/l	99
56) Ethyl methacrylate	10.704	69	558342	56.341	ug/l	93
57) 1,3-Dichloropropane	10.986	76	563561	49.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1218371	263.422	ug/l	96
59) 2-Hexanone	11.027	43	1965042	265.125	ug/l	98
60) Dibromochloromethane	11.180	129	378132	49.211	ug/l	100
61) 1,2-Dibromoethane	11.286	107	365915	49.237	ug/l	99
64) Tetrachloroethene	10.916	164	313799	43.520	ug/l	98
65) Chlorobenzene	11.710	112	926702	47.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	352593	47.958	ug/l	98
67) Ethyl Benzene	11.786	91	1635762	50.661	ug/l	97
68) m/p-Xylenes	11.892	106	1284740	97.929	ug/l	99
69) o-Xylene	12.221	106	649512	49.370	ug/l	97
70) Styrene	12.233	104	1057035	51.321	ug/l	98
71) Bromoform	12.398	173	312097	47.546	ug/l	99
73) Isopropylbenzene	12.521	105	1652171	48.419	ug/l	99
74) N-amyl acetate	12.333	43	645038	50.004	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.768	83	551936	48.201	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	407993m	41.889	ug/l	
77) Bromobenzene	12.798	156	426855	46.215	ug/l	92
78) n-propylbenzene	12.862	91	1831346	50.349	ug/l	98
79) 2-Chlorotoluene	12.945	91	1096351	48.368	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1434860	51.698	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	150303	43.890	ug/l	94
82) 4-Chlorotoluene	13.045	91	1065951	49.513	ug/l	97
83) tert-Butylbenzene	13.262	119	1293450	50.643	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	1430595	51.616	ug/l	99
85) sec-Butylbenzene	13.439	105	1721537	52.000	ug/l	98
86) p-Isopropyltoluene	13.557	119	1495173	53.013	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	764409	47.723	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	763251	47.019	ug/l	98
89) n-Butylbenzene	13.880	91	1165947	52.192	ug/l	99
90) Hexachloroethane	14.151	117	241107	46.768	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	776911	46.971	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	132167	48.885	ug/l	86
93) 1,2,4-Trichlorobenzene	15.198	180	513387	50.997	ug/l	99
94) Hexachlorobutadiene	15.304	225	242094	45.621	ug/l	98
95) Naphthalene	15.433	128	1777574	54.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	522072	50.174	ug/l	98

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

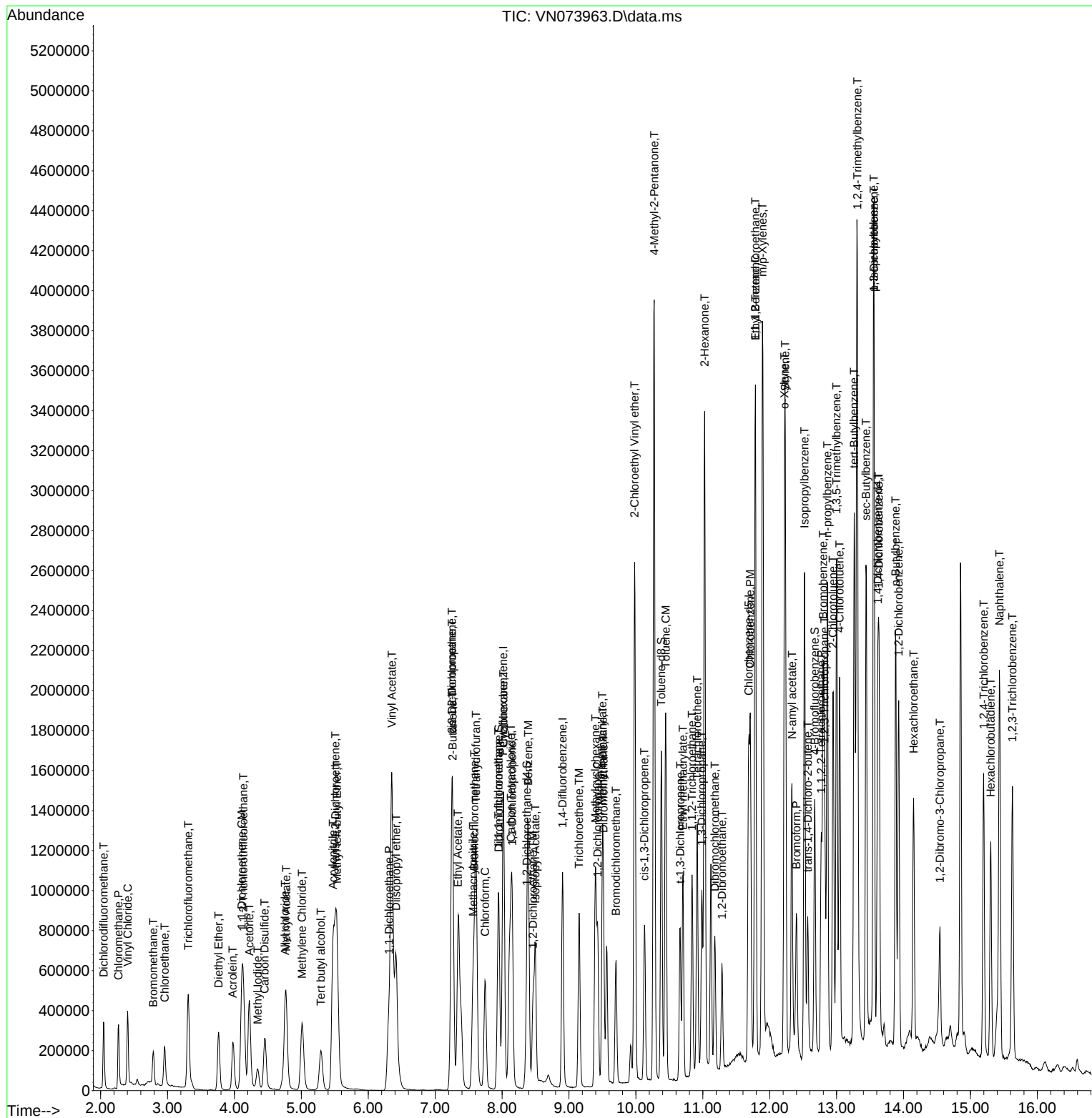
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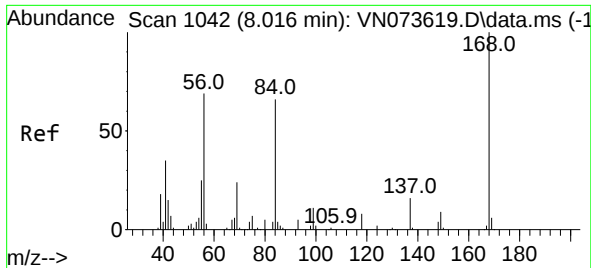
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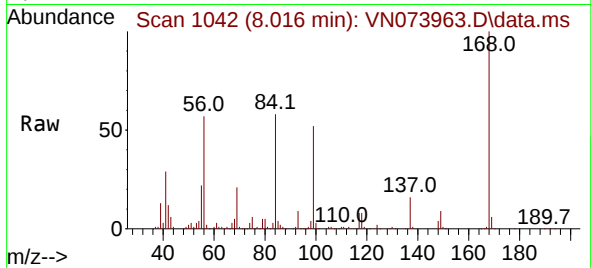
Reviewed By : John Carlone 08/17/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073963.D
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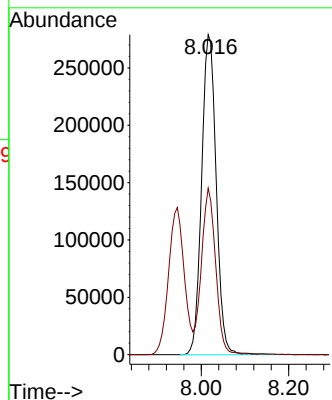
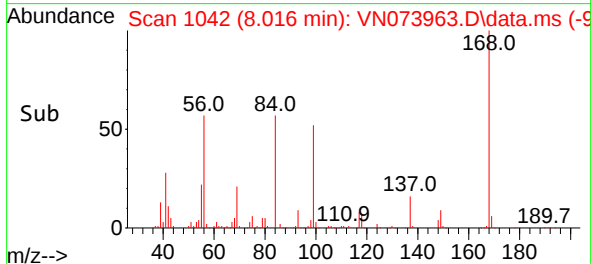
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MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 64866
Ion Ratio Lower Upper
168 100
99 51.9 42.3 63.5

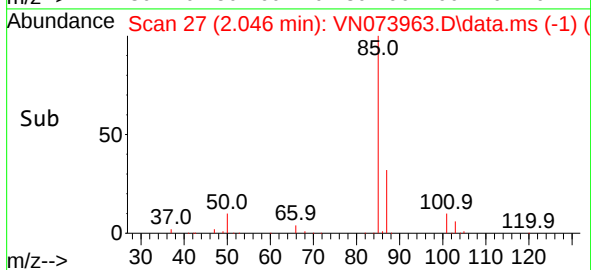
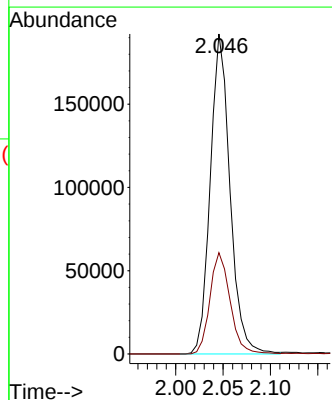
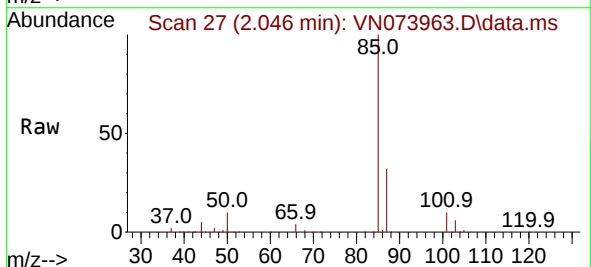
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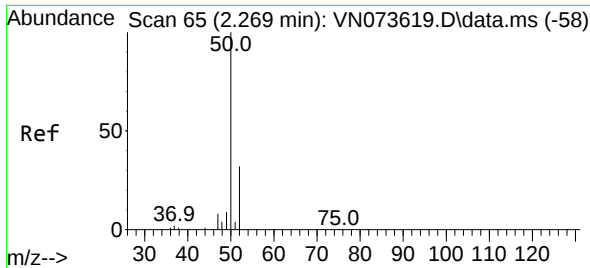
Reviewed By :John Carlone 08/17/2022
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#2
Dichlorodifluoromethane
Concen: 54.027 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

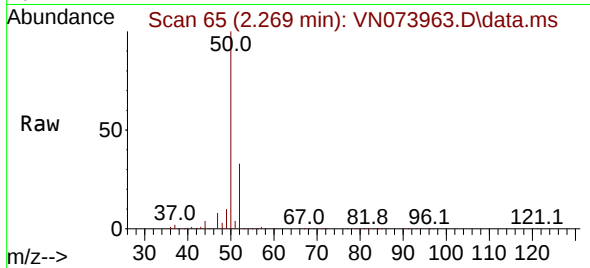
Tgt Ion: 85 Resp: 277886
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.1





#3
Chloromethane
Concen: 49.928 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

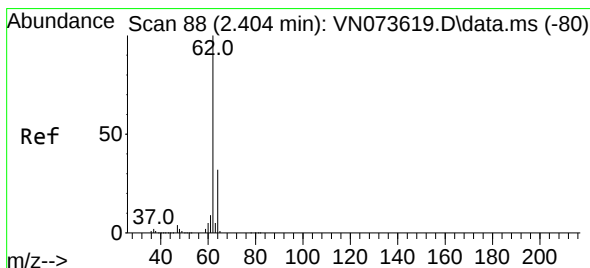
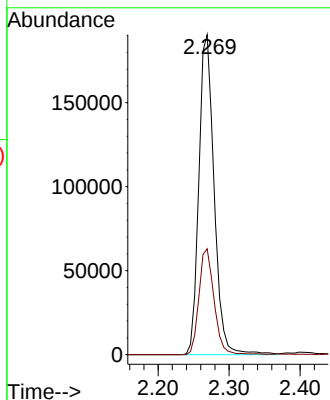
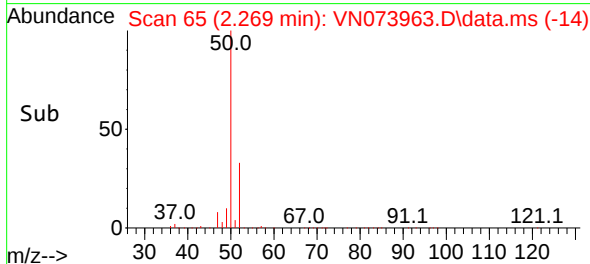
Instrument :
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Tgt Ion: 50 Resp: 285572
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

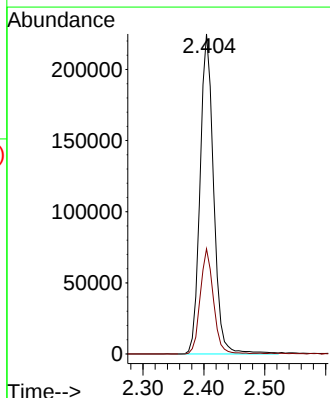
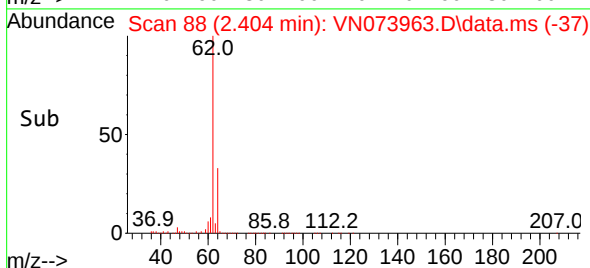
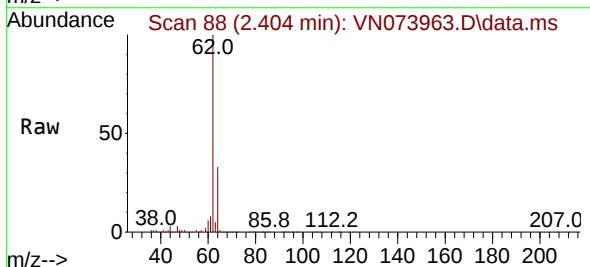
Manual Integrations
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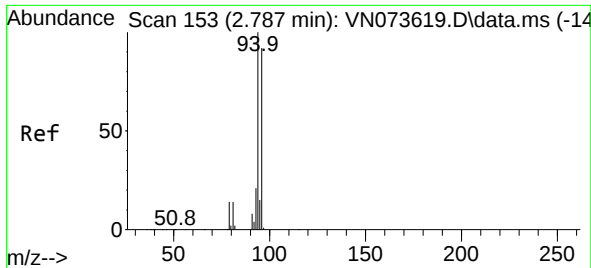
Reviewed By :John Carlone 08/17/2022
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#4
Vinyl Chloride
Concen: 47.437 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

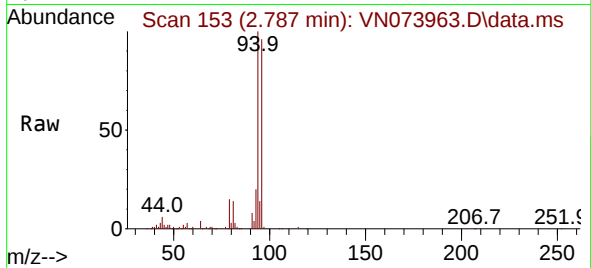
Tgt Ion: 62 Resp: 348313
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.4





#5
Bromomethane
Concen: 26.076 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

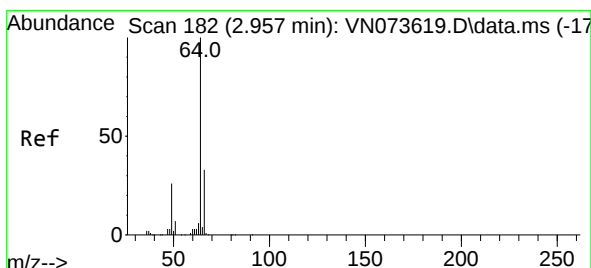
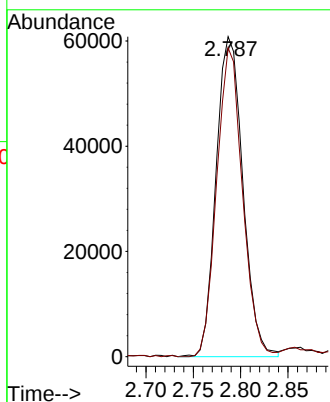
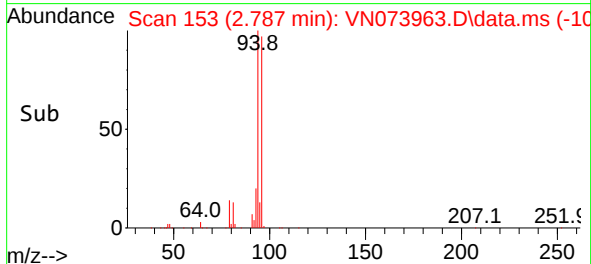
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Tgt Ion: 94 Resp: 119564
Ion Ratio Lower Upper
94 100
96 96.5 76.0 114.0

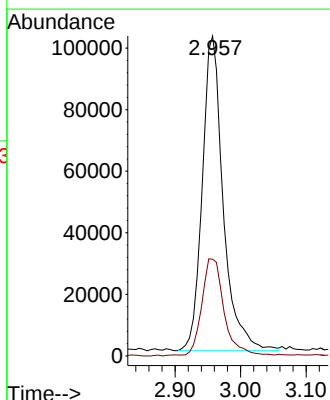
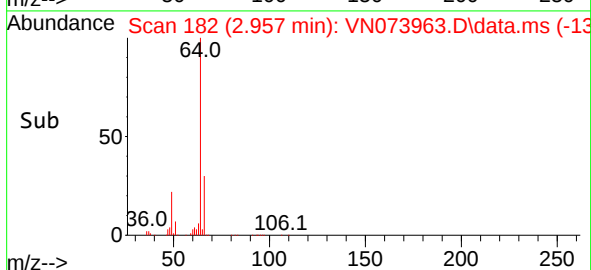
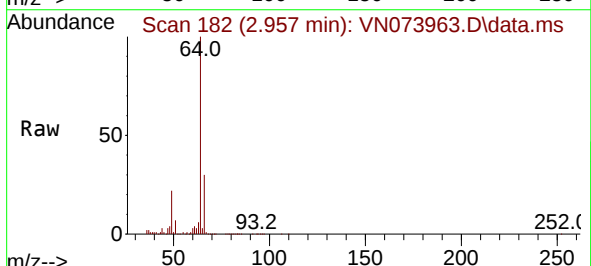
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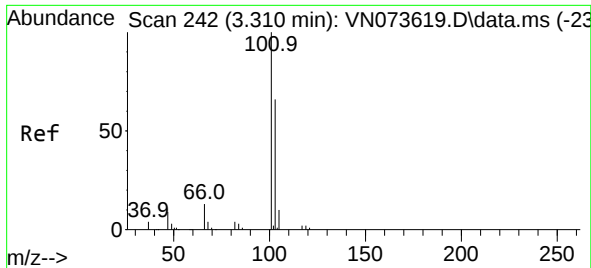
Reviewed By :John Carlone 08/17/2022
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#6
Chloroethane
Concen: 43.771 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

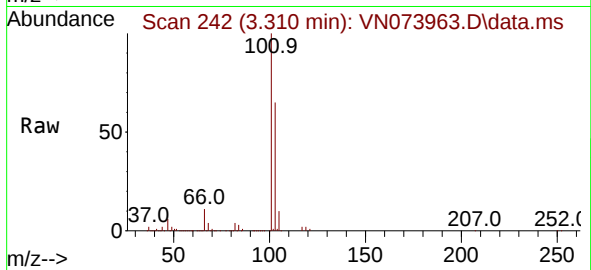
Tgt Ion: 64 Resp: 227051
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 53.658 ug/l
RT: 3.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

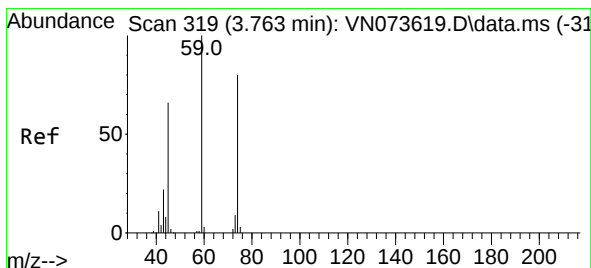
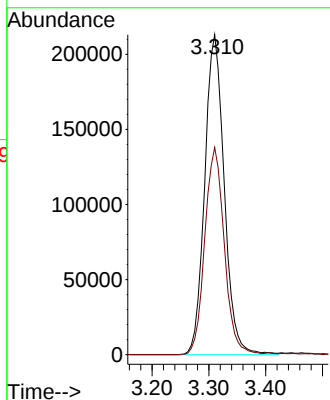
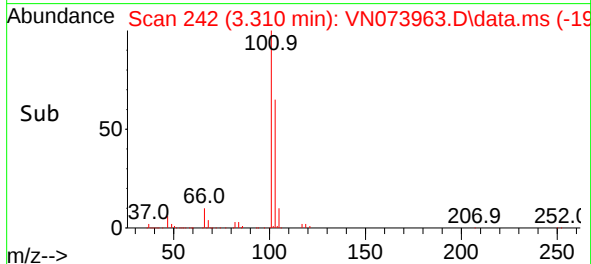
Instrument :
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Tgt Ion:101 Resp: 50824
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

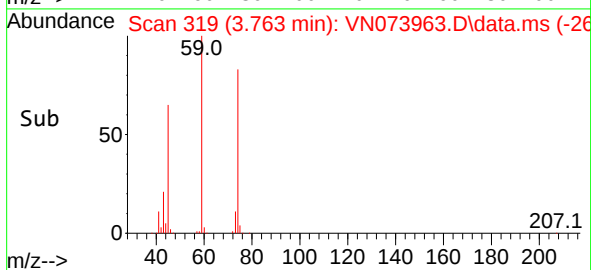
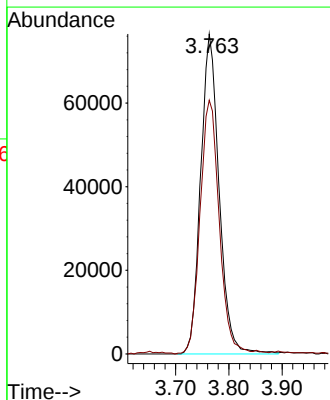
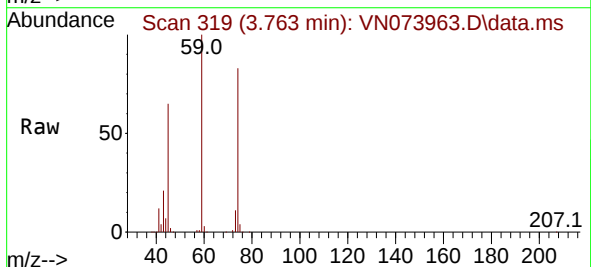
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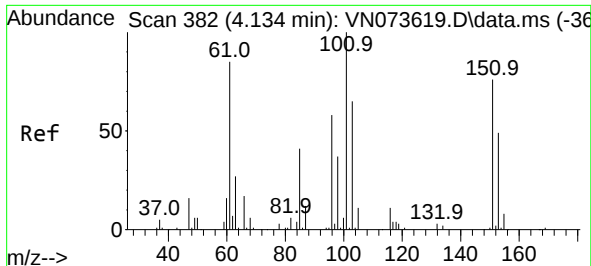
Reviewed By :John Carlone 08/17/2022
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#8
Diethyl Ether
Concen: 52.361 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

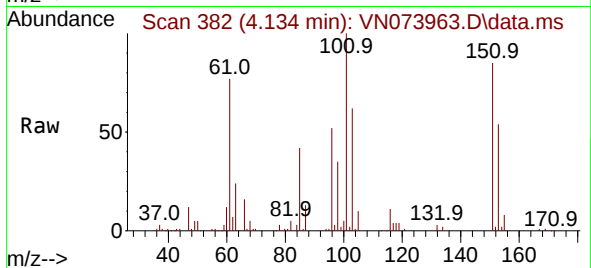
Tgt Ion: 74 Resp: 184104
Ion Ratio Lower Upper
74 100
45 82.3 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.121 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

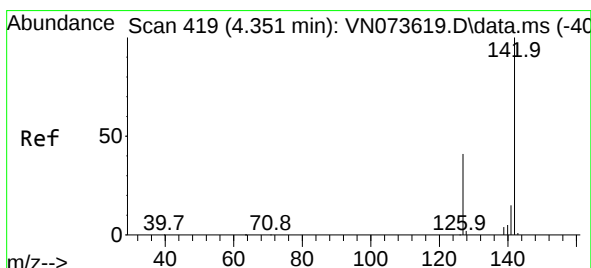
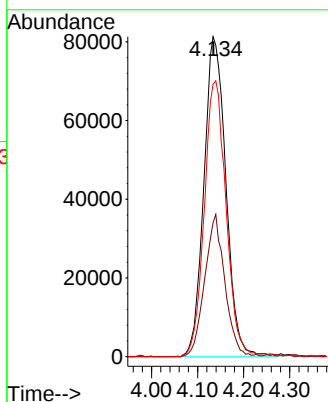
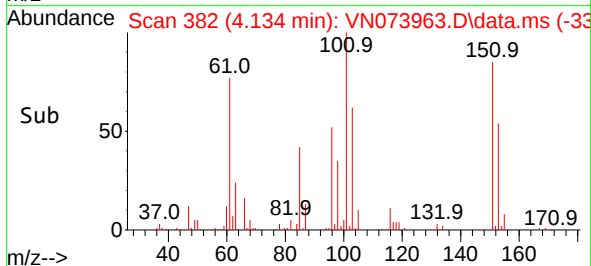
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



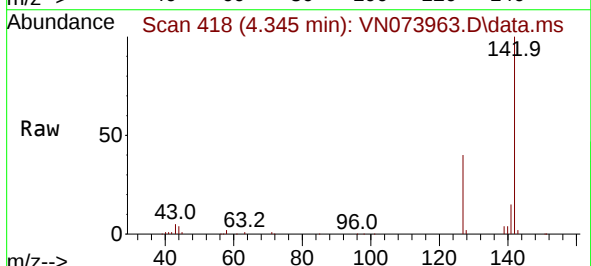
Tgt Ion:101 Resp: 270279
Ion Ratio Lower Upper
101 100
85 40.7 34.7 52.1
151 85.6 63.0 94.4

Manual Integrations
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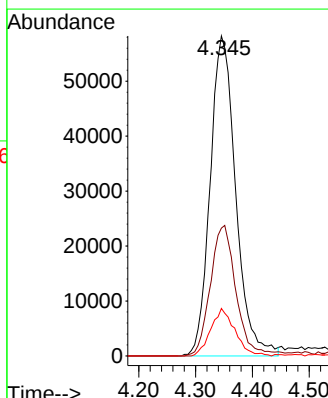
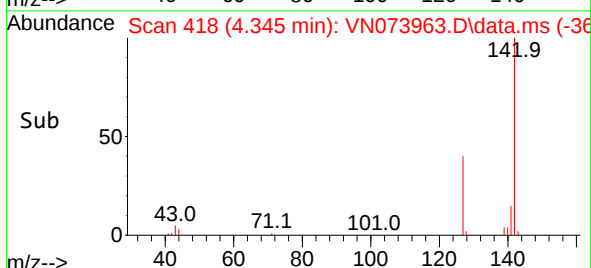
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

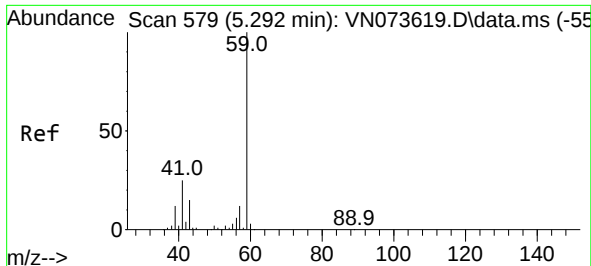


#10
Methyl Iodide
Concen: 27.587 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



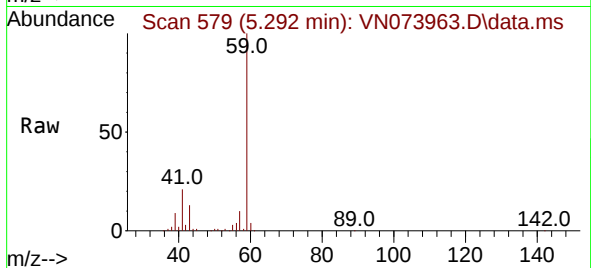
Tgt Ion:142 Resp: 182232
Ion Ratio Lower Upper
142 100
127 41.0 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 277.952 ug/l
RT: 5.292 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

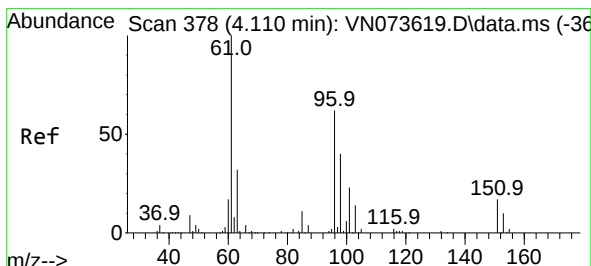
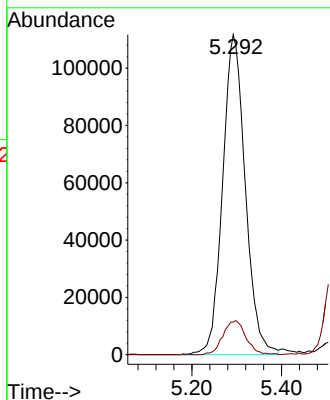
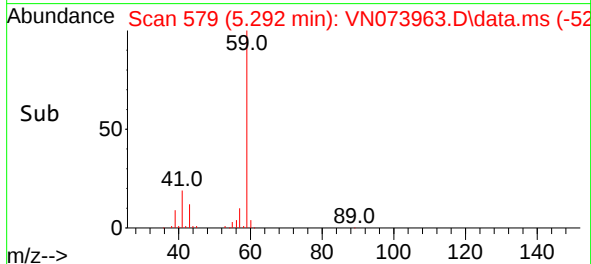
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



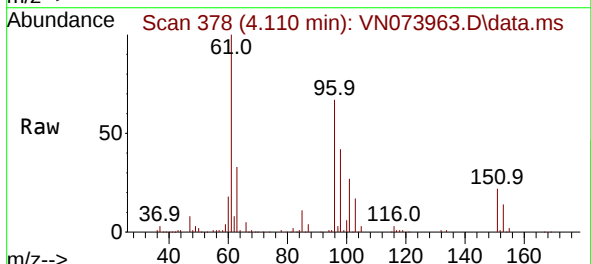
Tgt Ion: 59 Resp: 392812
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

Manual Integrations
APPROVED

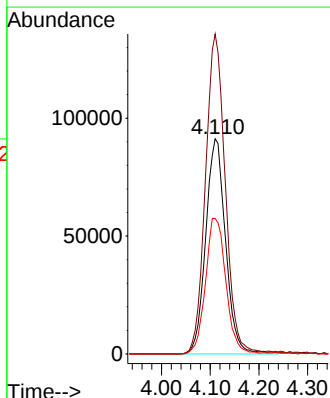
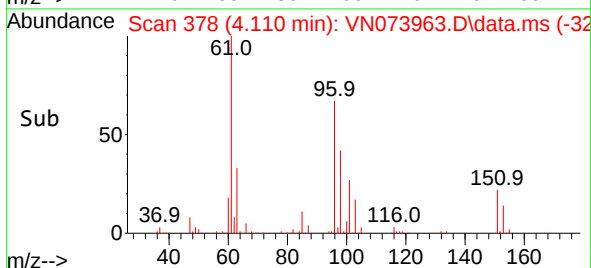
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

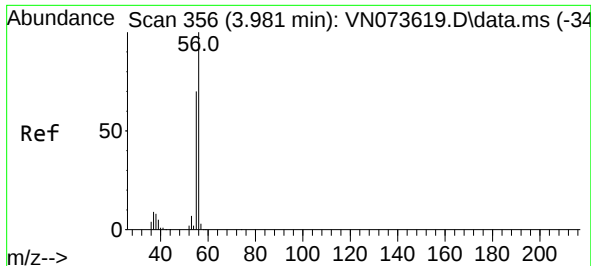


#12
1,1-Dichloroethene
Concen: 50.503 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



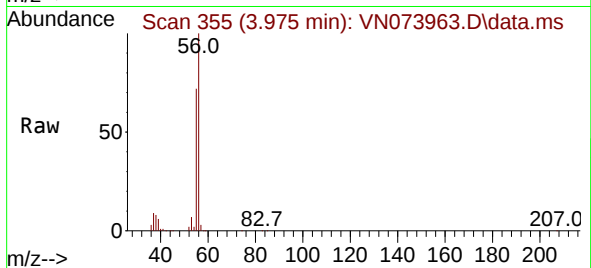
Tgt Ion: 96 Resp: 258551
Ion Ratio Lower Upper
96 100
61 148.7 127.6 191.4
98 63.0 51.2 76.8





#13
Acrolein
Concen: 313.742 ug/l
RT: 3.975 min Scan# 310356
Delta R.T. -0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

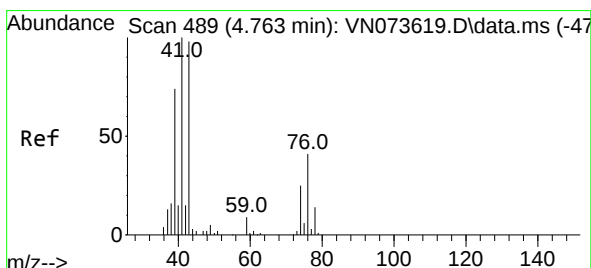
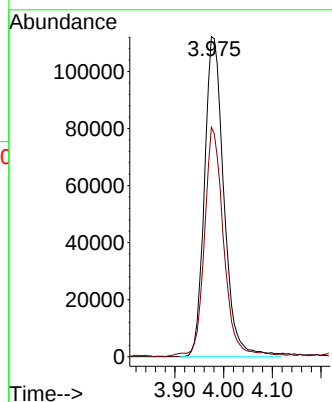
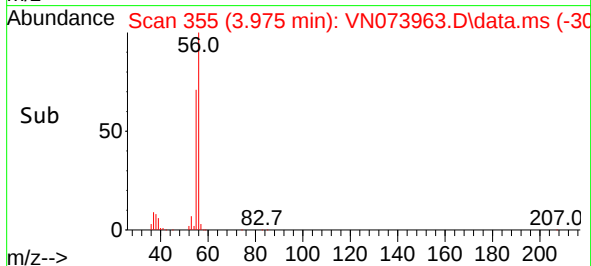
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 310356
Ion Ratio Lower Upper
56 100
55 71.0 54.8 82.2

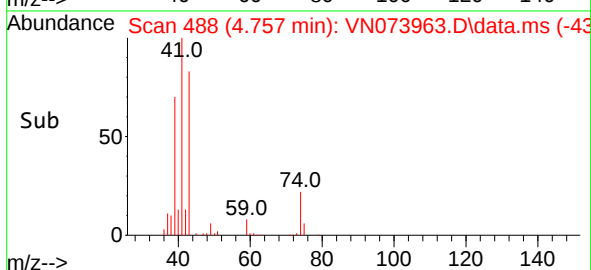
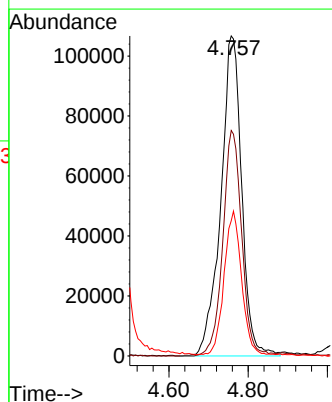
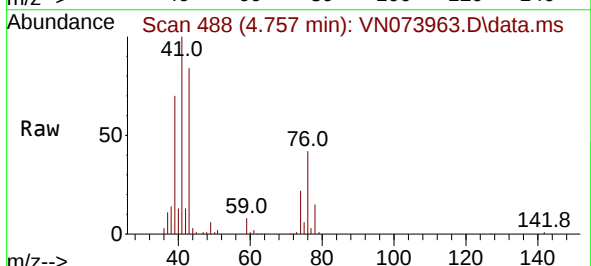
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#14
Allyl chloride
Concen: 51.549 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

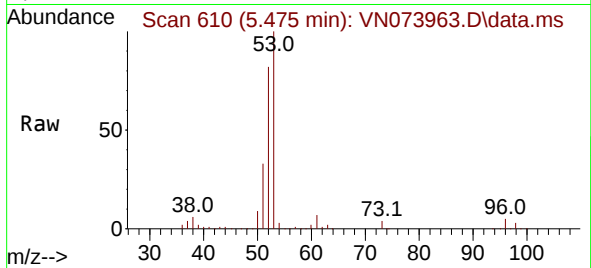
Tgt Ion: 41 Resp: 390846
Ion Ratio Lower Upper
41 100
39 63.6 53.2 79.8
76 37.1 29.9 44.9





#15
Acrylonitrile
Concen: 272.560 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

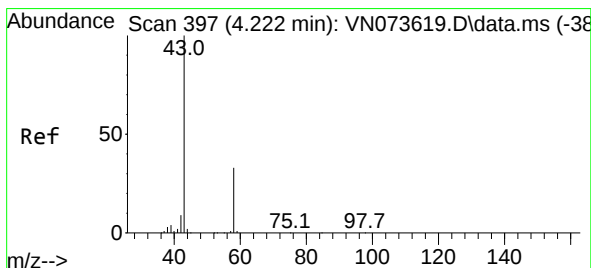
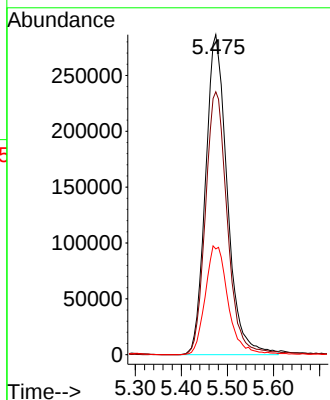
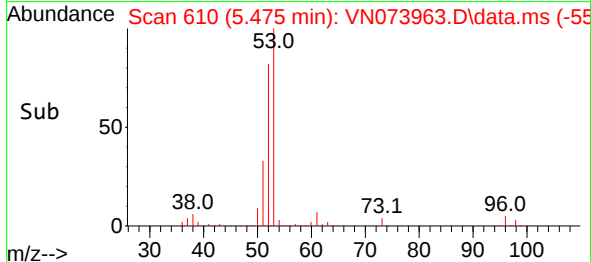
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 940415
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 36.0 28.5 42.7

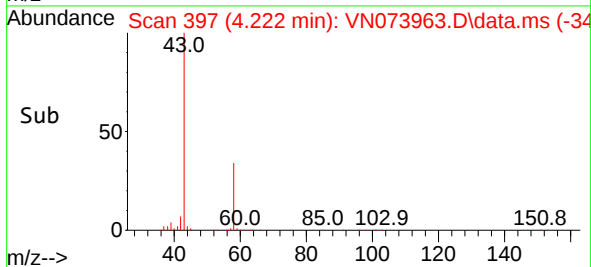
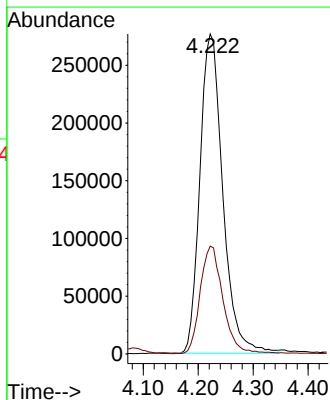
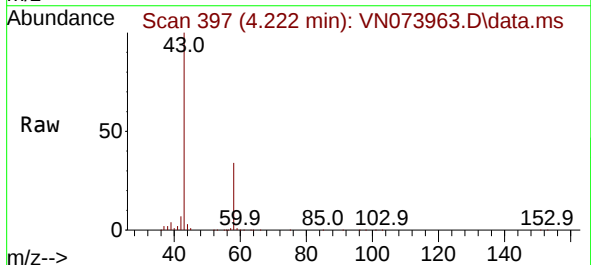
Manual Integrations
APPROVED

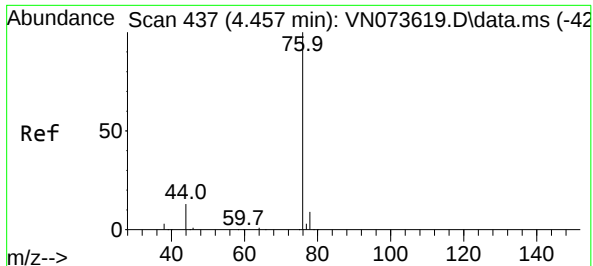
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#16
Acetone
Concen: 268.199 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Tgt Ion: 43 Resp: 799436
Ion Ratio Lower Upper
43 100
58 33.6 26.0 39.0





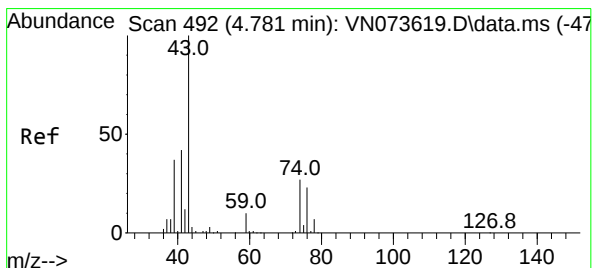
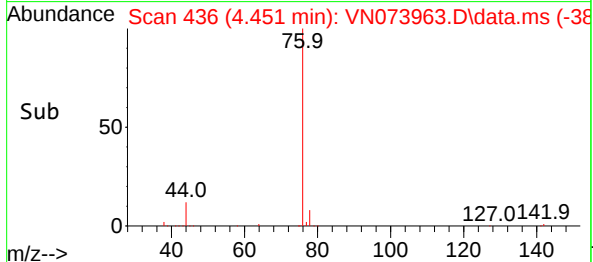
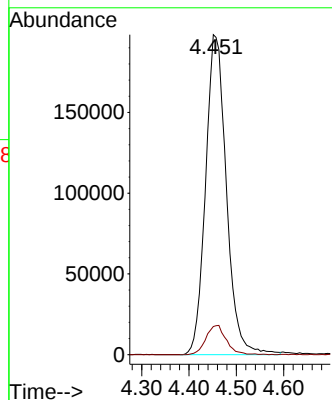
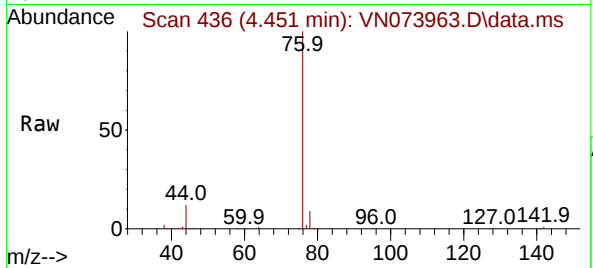
#17
Carbon Disulfide
Concen: 49.795 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 60614
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

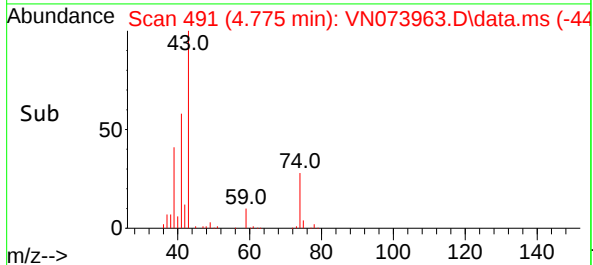
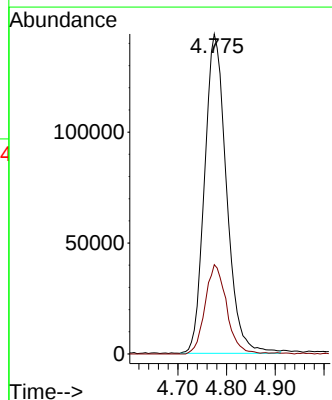
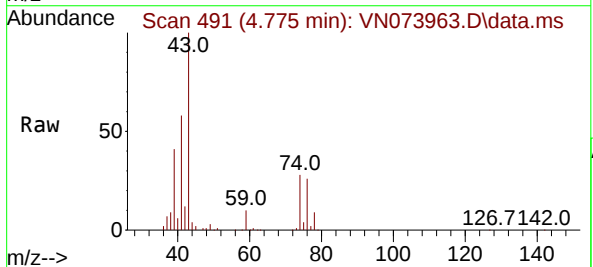
Manual Integrations
APPROVED

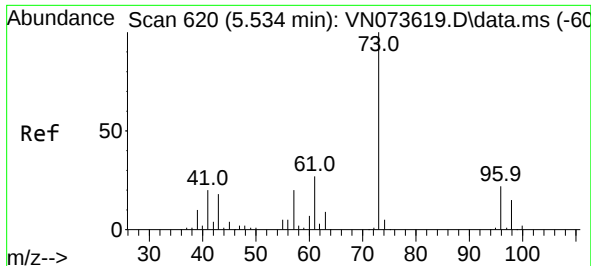
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#18
Methyl Acetate
Concen: 61.035 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

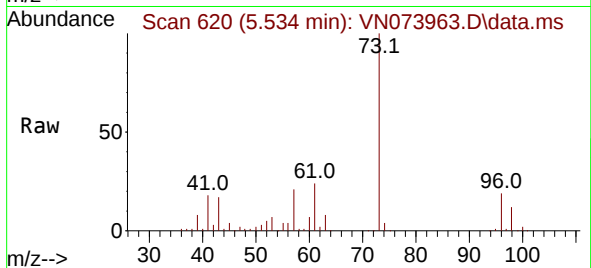
Tgt Ion: 43 Resp: 450512
Ion Ratio Lower Upper
43 100
74 27.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 53.647 ug/l
RT: 5.534 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

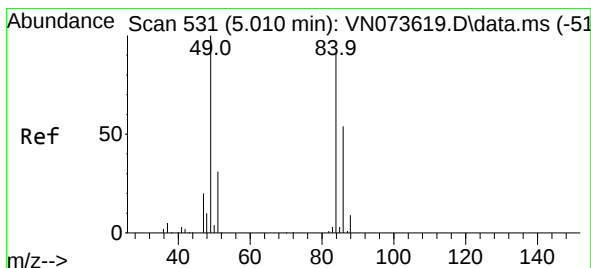
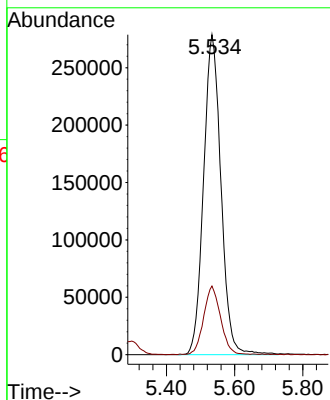
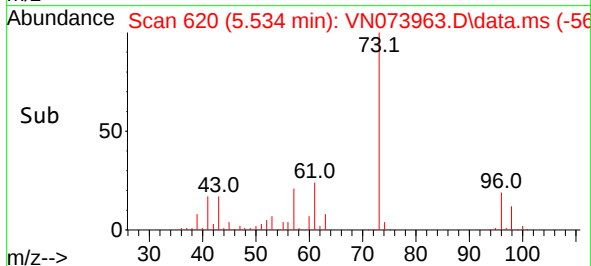
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 989154
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

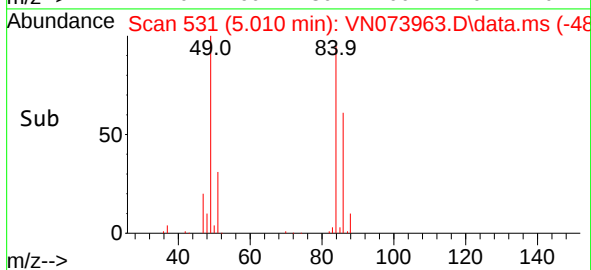
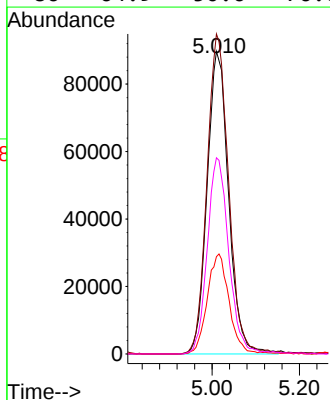
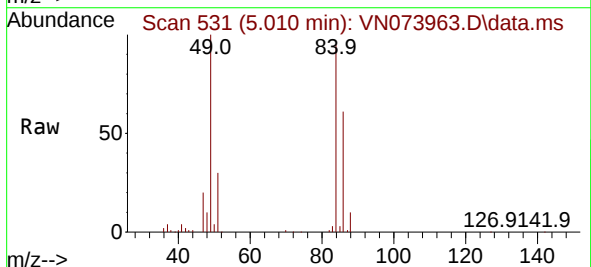
Manual Integrations
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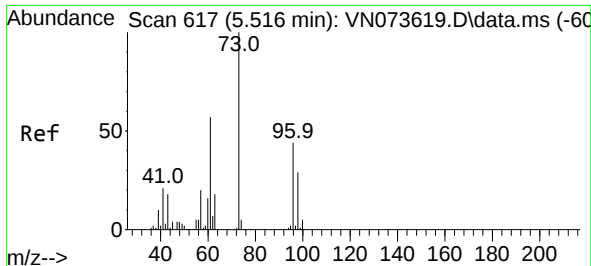
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#20
Methylene Chloride
Concen: 48.679 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

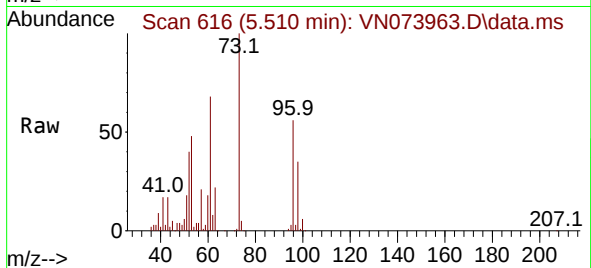
Tgt Ion: 84 Resp: 306185
Ion Ratio Lower Upper
84 100
49 105.8 88.3 132.5
51 32.2 28.2 42.2
86 64.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 50.070 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

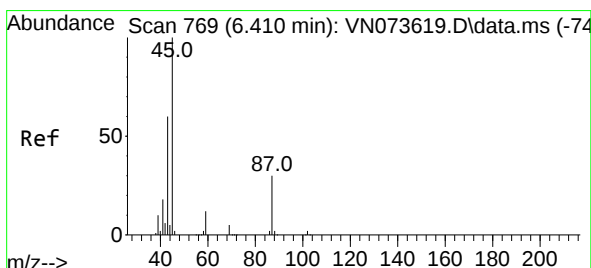
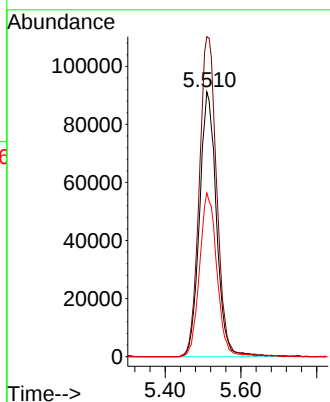
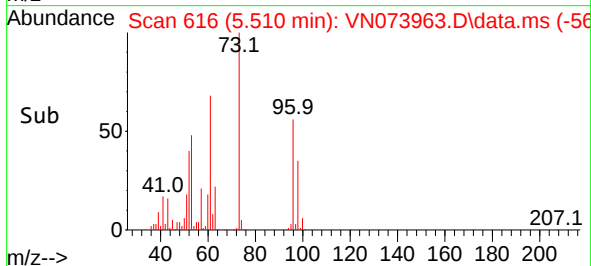
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 282404
Ion Ratio Lower Upper
96 100
61 120.8 105.8 158.8
98 61.8 50.3 75.5

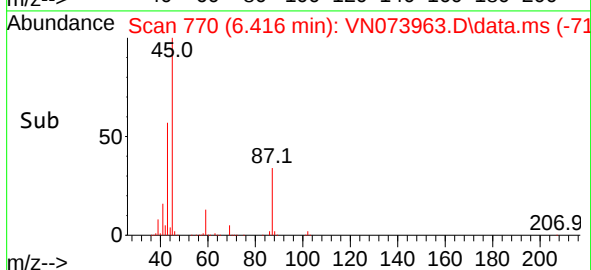
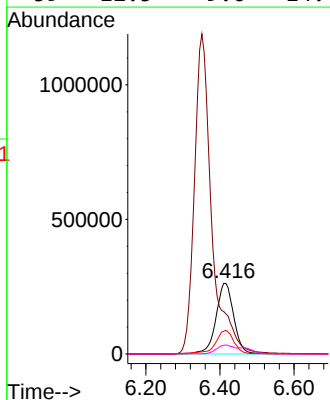
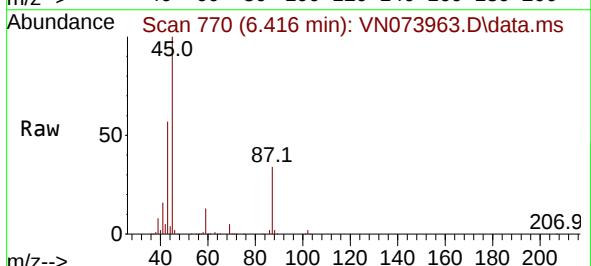
Manual Integrations
APPROVED

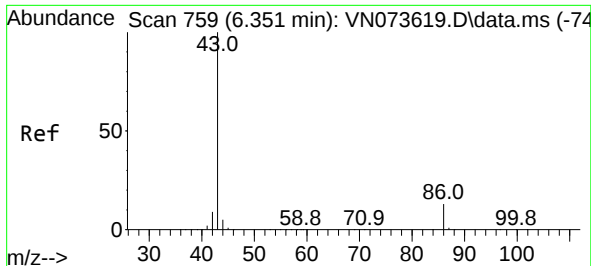
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#22
Diisopropyl ether
Concen: 54.472 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

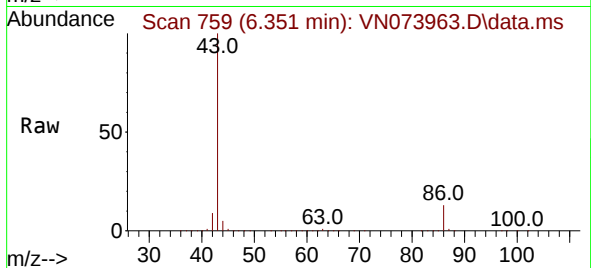
Tgt Ion: 45 Resp: 875682
Ion Ratio Lower Upper
45 100
43 55.7 46.6 70.0
87 33.5 24.3 36.5
59 12.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 278.623 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073963.D
 Acq: 16 Aug 2022 21:07

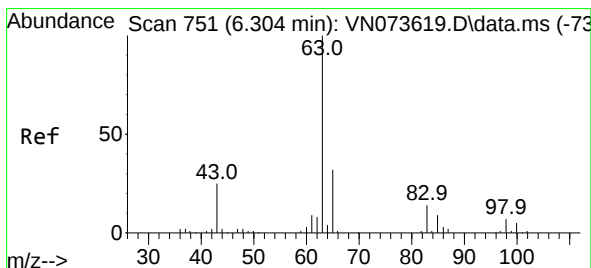
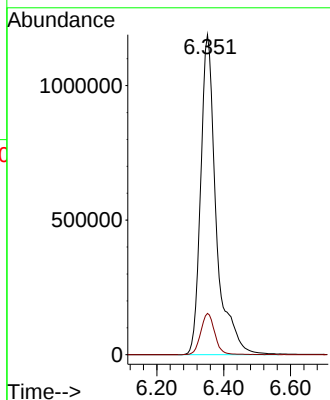
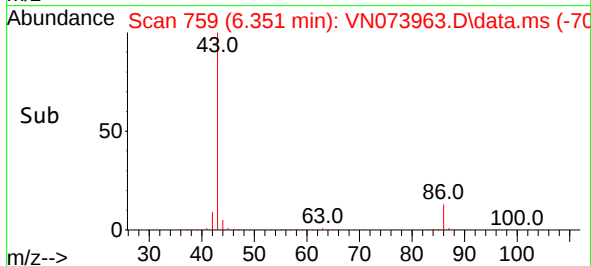
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



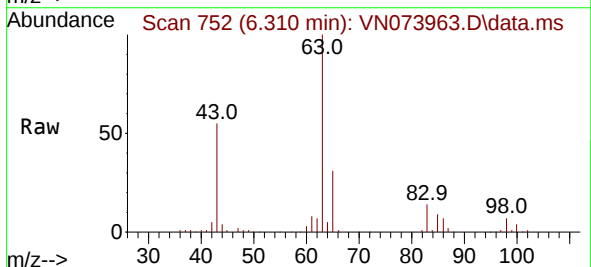
Tgt Ion: 43 Resp: 383838
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.0 15.0

Manual Integrations
 APPROVED

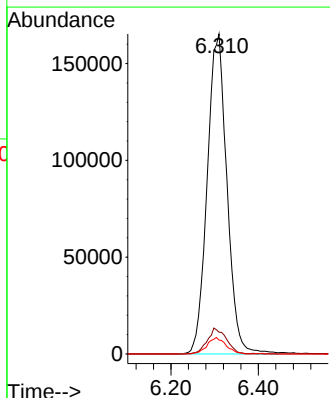
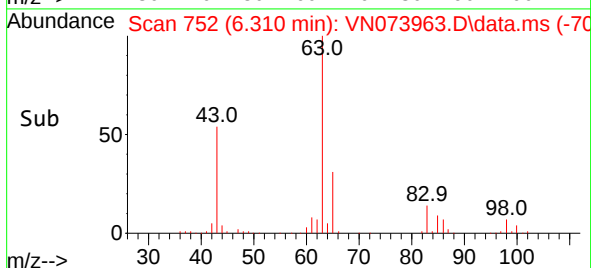
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

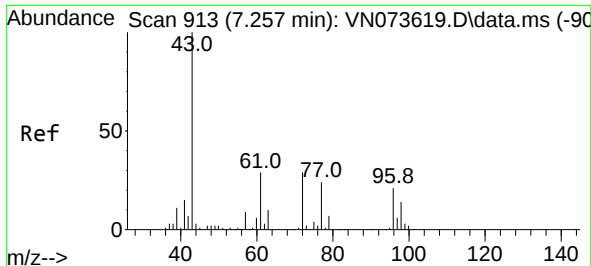


#24
 1,1-Dichloroethane
 Concen: 51.836 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN073963.D
 Acq: 16 Aug 2022 21:07



Tgt Ion: 63 Resp: 518700
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 273.084 ug/l

RT: 7.263 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1290670

Ion Ratio Lower Upper

43 100

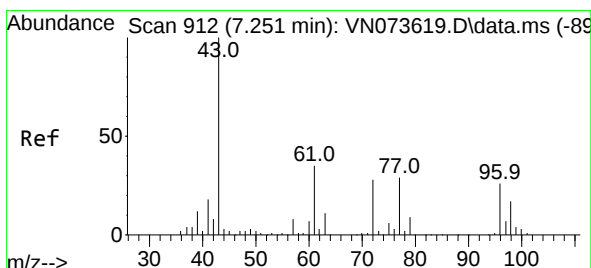
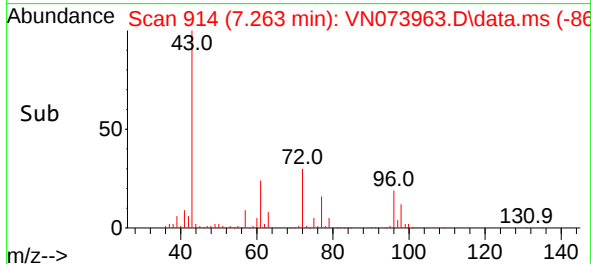
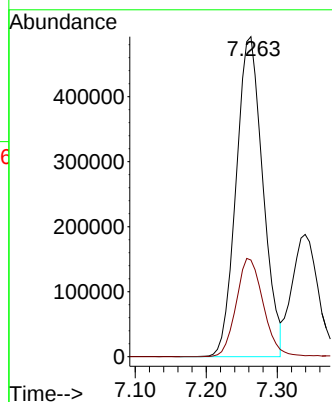
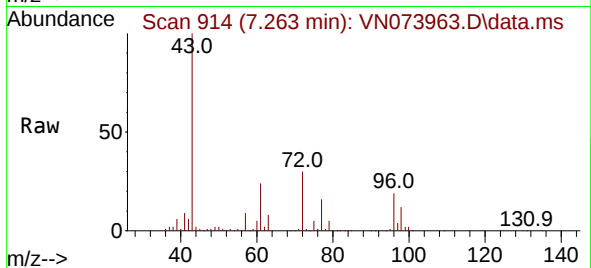
72 30.2 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#26

2,2-Dichloropropane

Concen: 31.061 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: VN073963.D

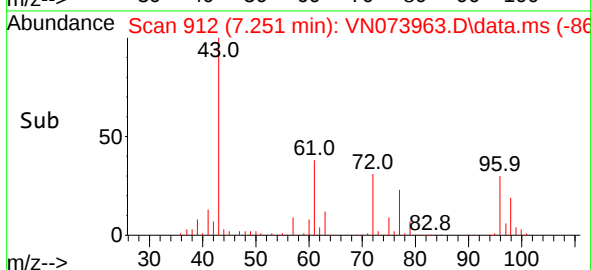
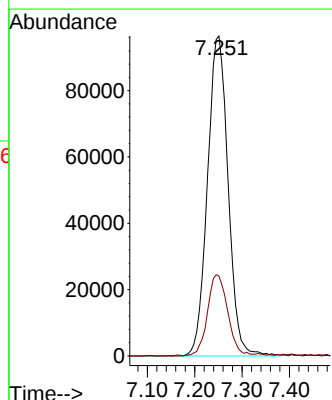
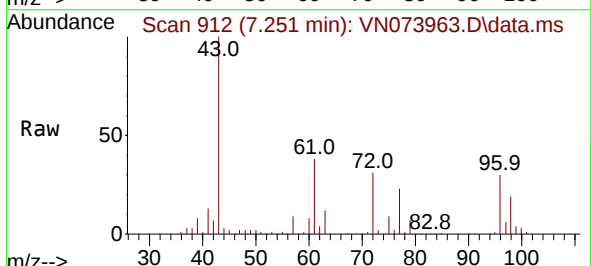
Acq: 16 Aug 2022 21:07

Tgt Ion: 77 Resp: 292012

Ion Ratio Lower Upper

77 100

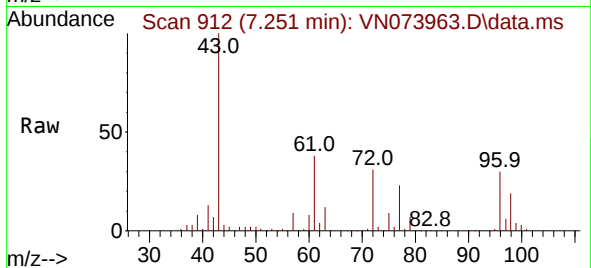
97 24.9 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 50.695 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN073963.D
 Acq: 16 Aug 2022 21:07

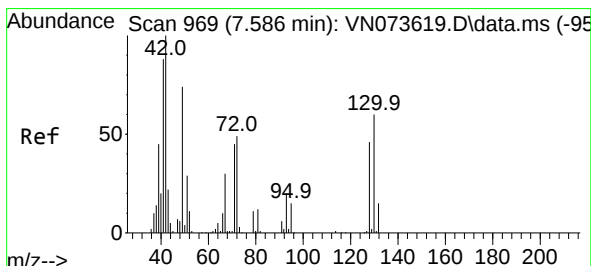
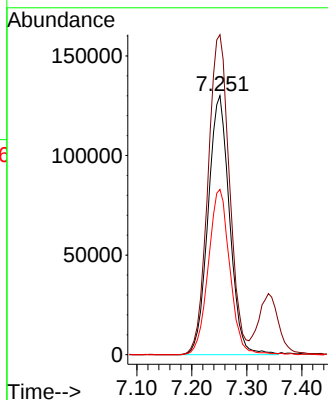
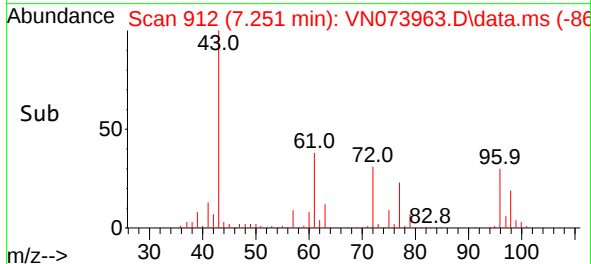
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 35278
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 280.6
 98 64.0 0.0 128.4

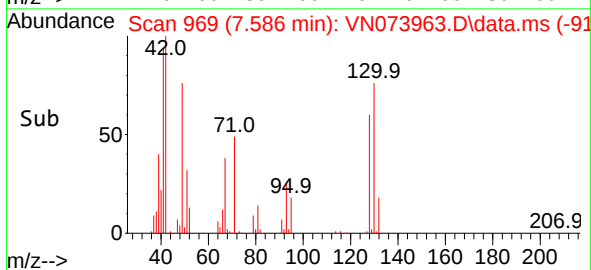
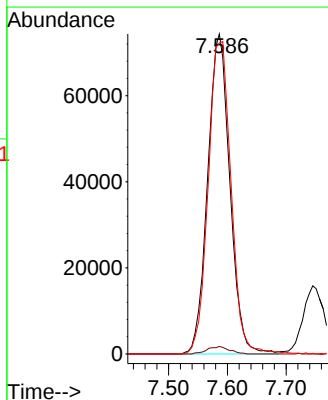
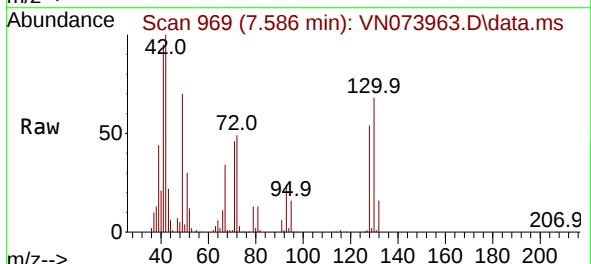
Manual Integrations
 APPROVED

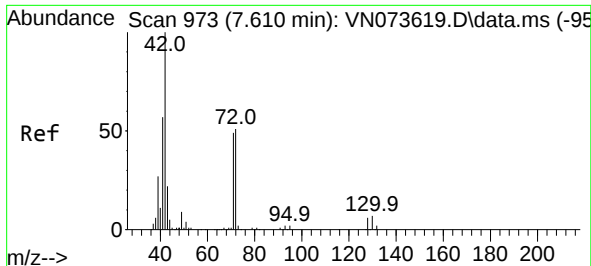
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022



#28
 Bromochloromethane
 Concen: 52.884 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073963.D
 Acq: 16 Aug 2022 21:07

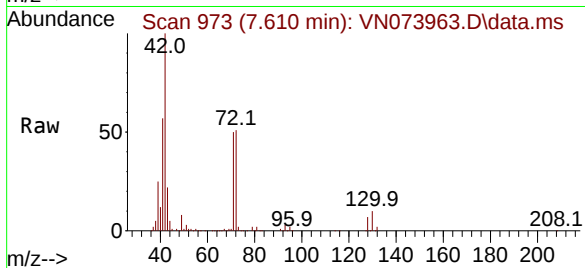
Tgt Ion: 49 Resp: 195178
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 100.5 69.7 104.5





#29
Tetrahydrofuran
Concen: 277.203 ug/l
RT: 7.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

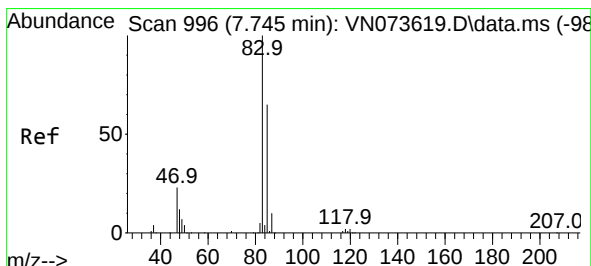
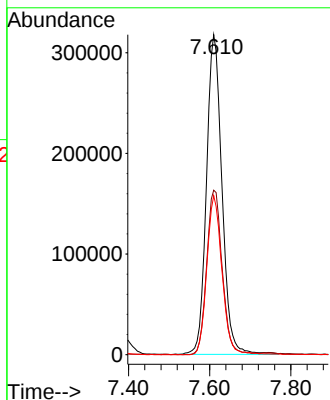
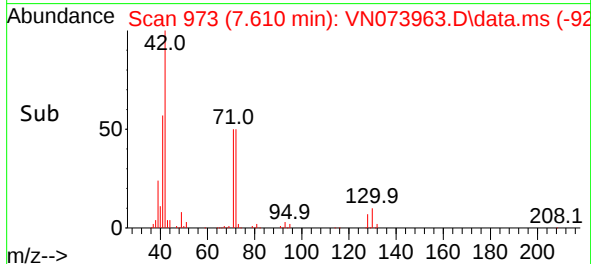
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 84043
Ion Ratio Lower Upper
42 100
72 51.5 39.7 59.5
71 48.8 36.6 55.0

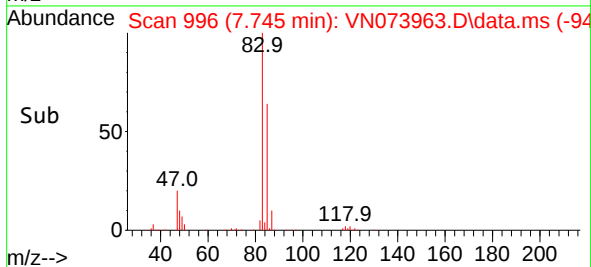
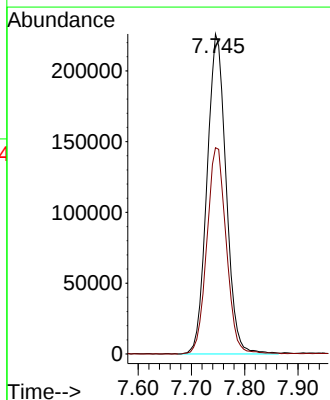
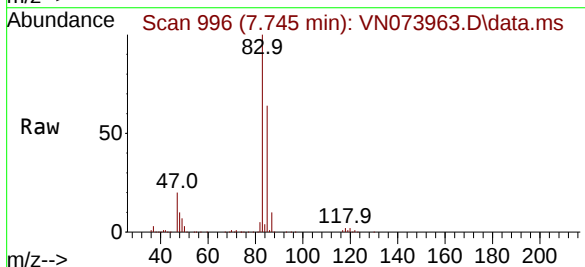
Manual Integrations
APPROVED

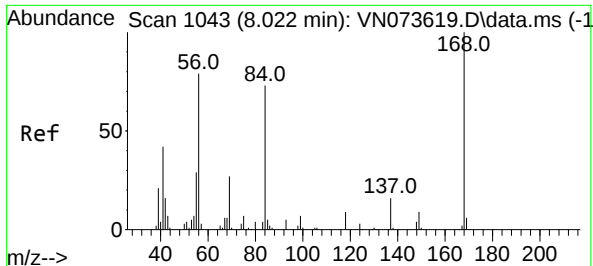
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#30
Chloroform
Concen: 50.257 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

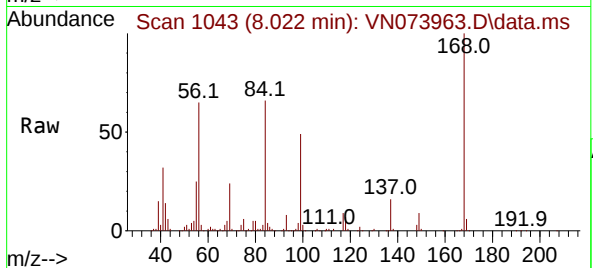
Tgt Ion: 83 Resp: 562335
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8





#31
Cyclohexane
Concen: 50.874 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

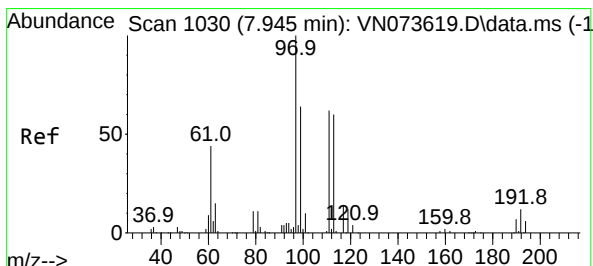
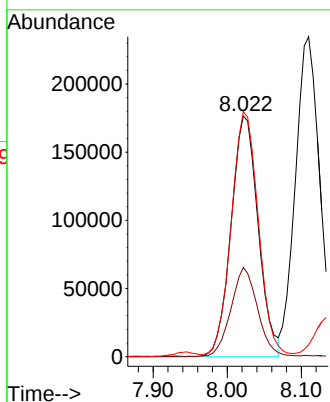
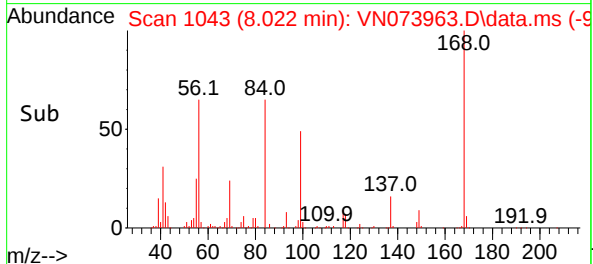
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



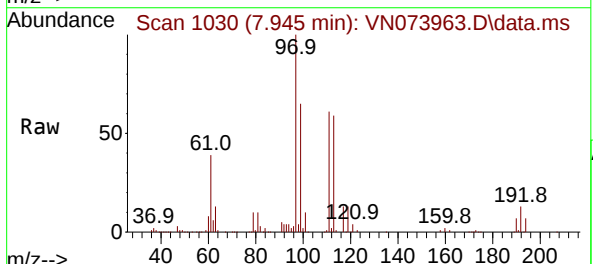
Tgt Ion: 56 Resp: 448070
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.8
84 100.2 76.9 115.3

Manual Integrations
APPROVED

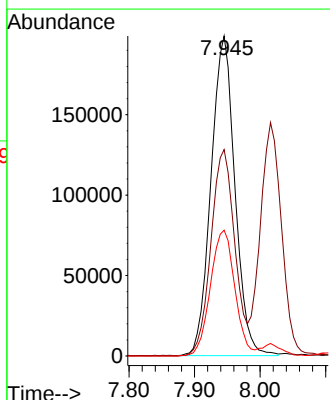
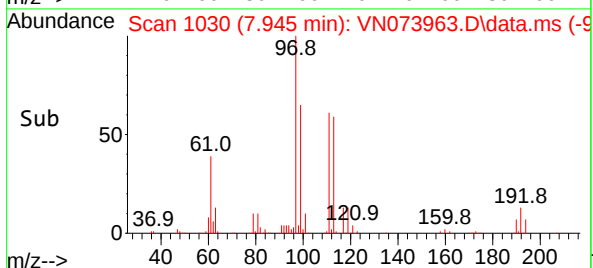
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

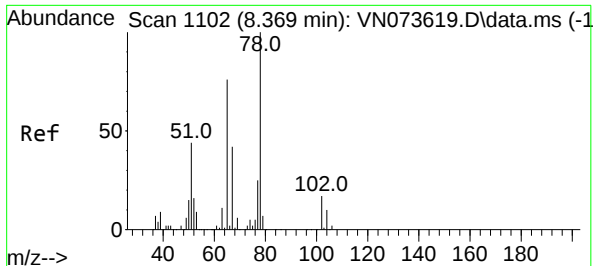


#32
1,1,1-Trichloroethane
Concen: 50.673 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



Tgt Ion: 97 Resp: 502812
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 40.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 55.283 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 349275

Ion Ratio Lower Upper

65 100

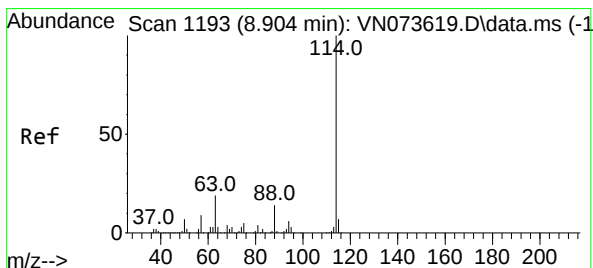
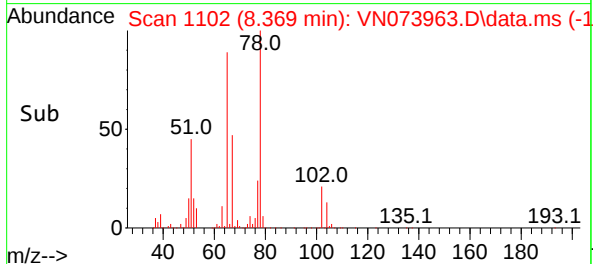
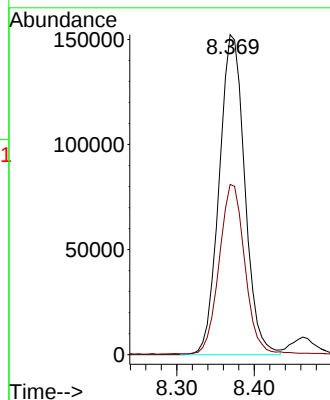
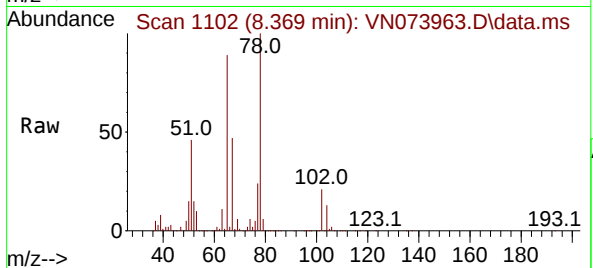
67 52.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

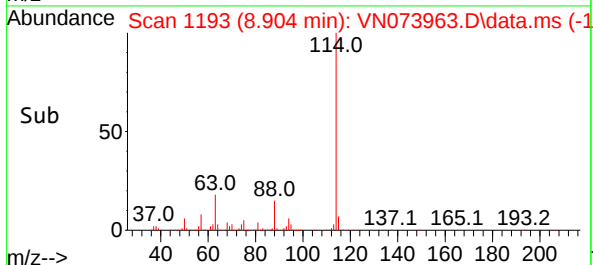
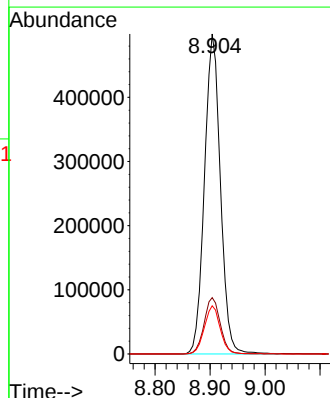
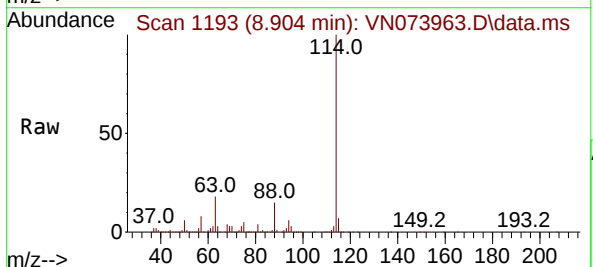
Tgt Ion:114 Resp: 1004770

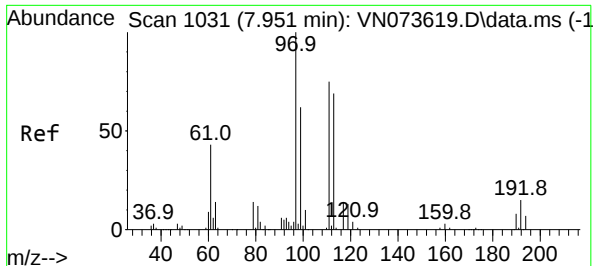
Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.768 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 313550

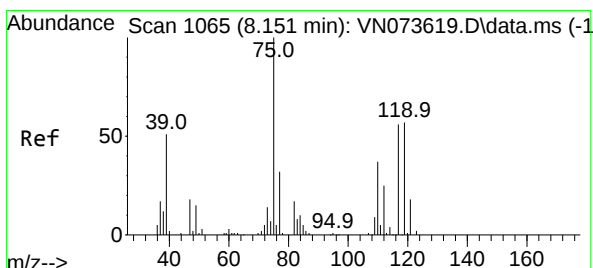
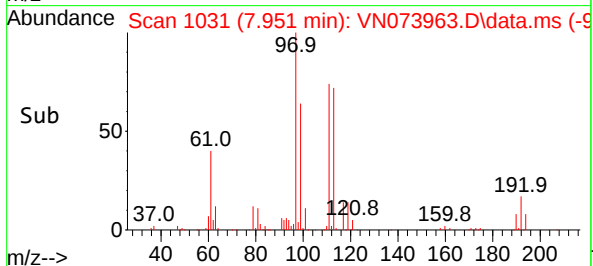
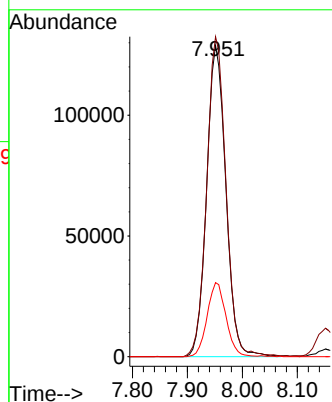
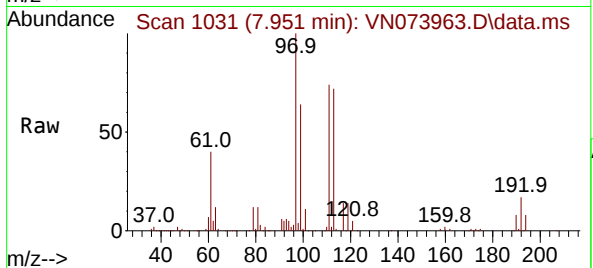
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.3	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#36

1,1-Dichloropropene

Concen: 47.734 ug/l

RT: 8.151 min Scan# 1065

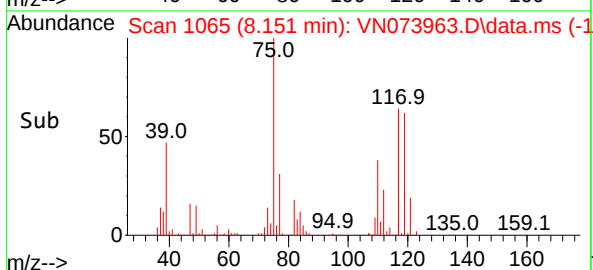
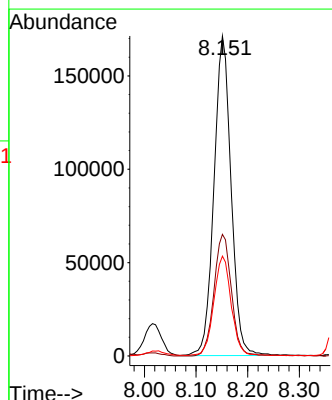
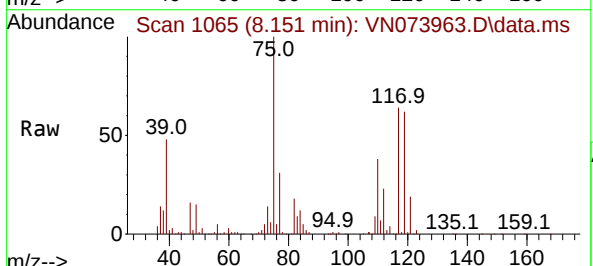
Delta R.T. 0.000 min

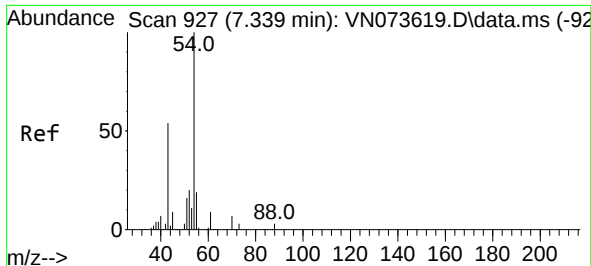
Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Tgt Ion: 75 Resp: 393966

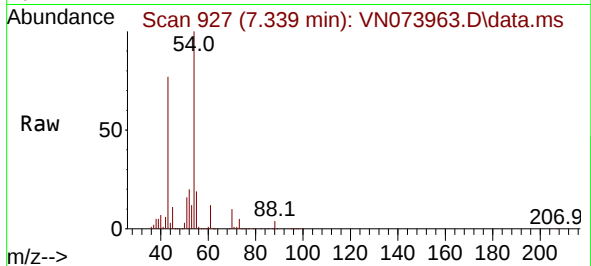
Ion	Ratio	Lower	Upper
75	100		
110	38.8	18.3	54.8
77	31.5	25.1	37.7





#37
Ethyl Acetate
Concen: 50.496 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

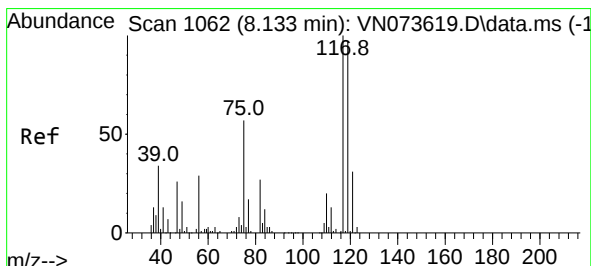
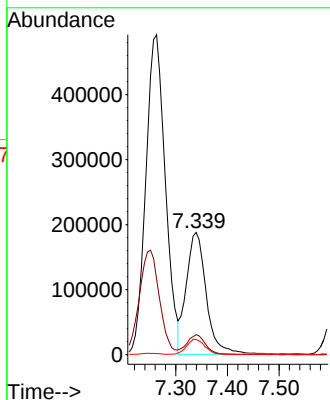
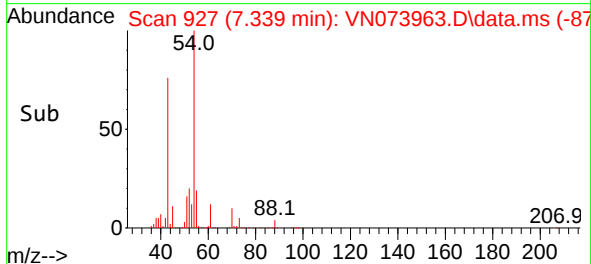
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 504904
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.5 9.3 13.9

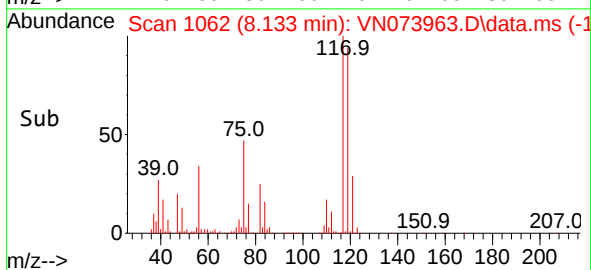
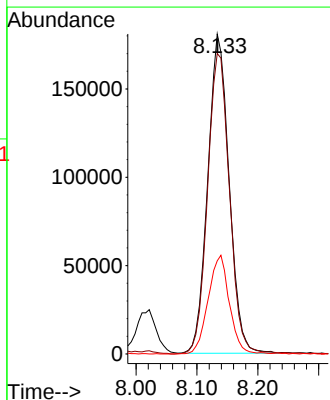
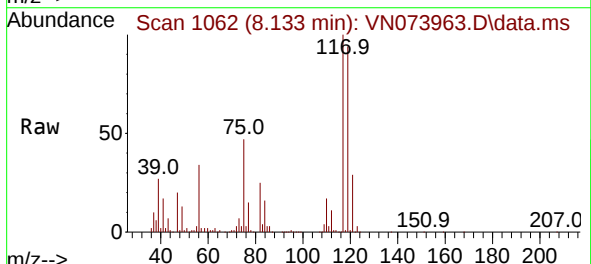
Manual Integrations
APPROVED

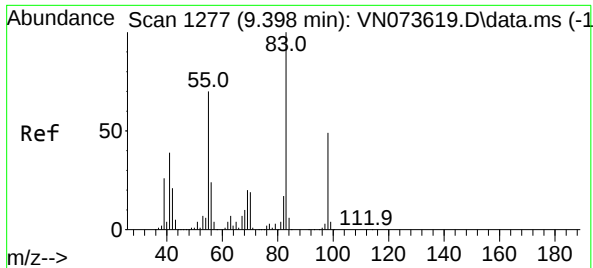
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#38
Carbon Tetrachloride
Concen: 46.773 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Tgt Ion:117 Resp: 441251
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8
121 29.2 24.6 37.0





#39

Methylcyclohexane

Concen: 48.855 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 505239

Ion Ratio Lower Upper

83 100

55 66.8 57.8 86.8

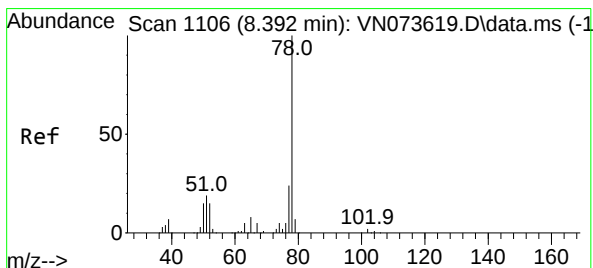
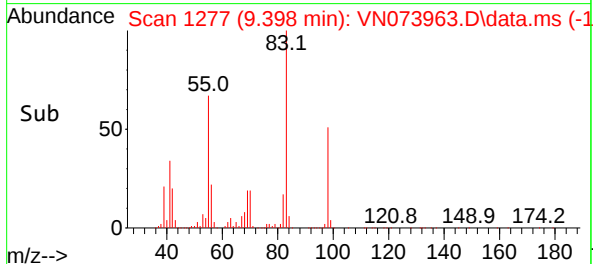
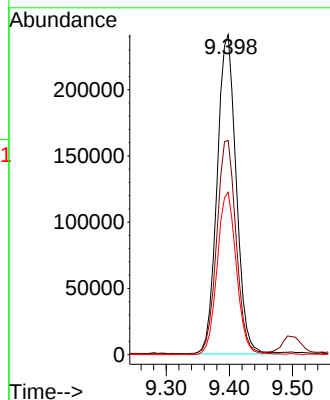
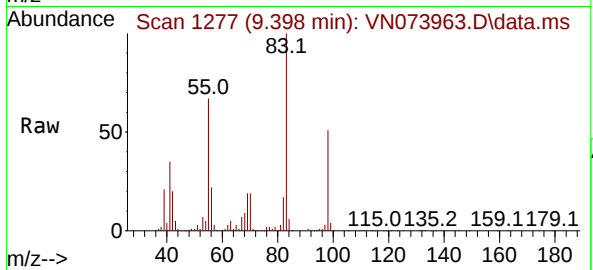
98 50.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#40

Benzene

Concen: 47.991 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073963.D

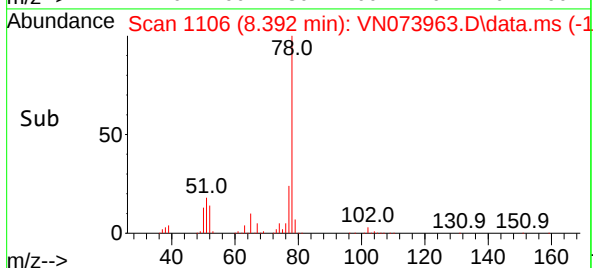
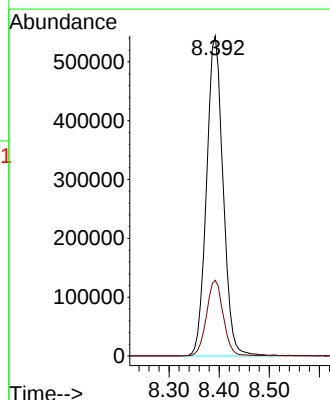
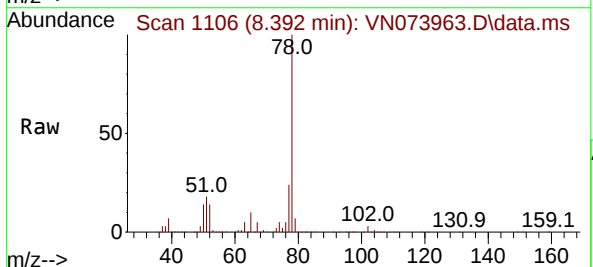
Acq: 16 Aug 2022 21:07

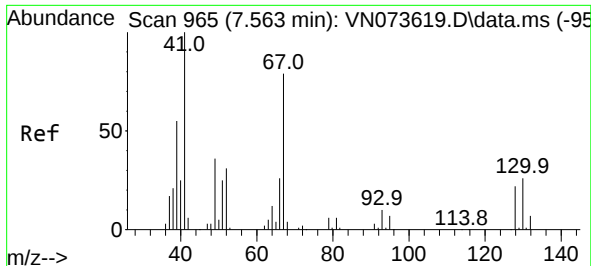
Tgt Ion: 78 Resp: 1250122

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0





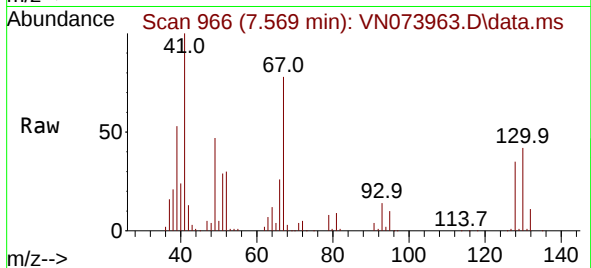
#41
Methacrylonitrile
Concen: 52.815 ug/l
RT: 7.569 min Scan# 965
Delta R.T. 0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



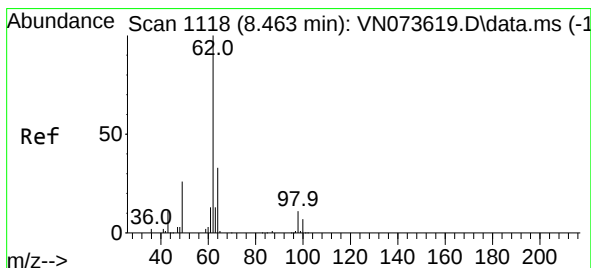
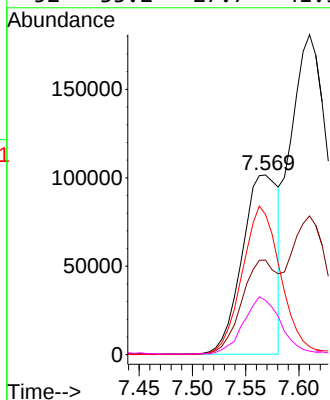
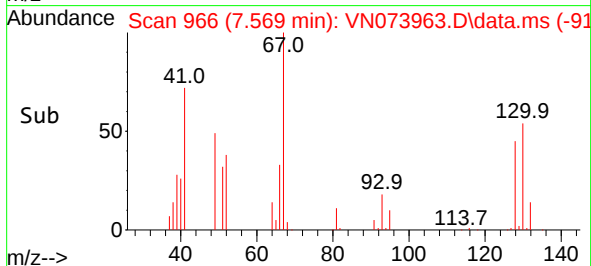
Tgt Ion: 41 Resp: 238654
Ion Ratio Lower Upper
41 100
39 51.6 48.6 73.0
67 89.5 73.4 110.2
52 33.2 27.7 41.5

Manual Integrations

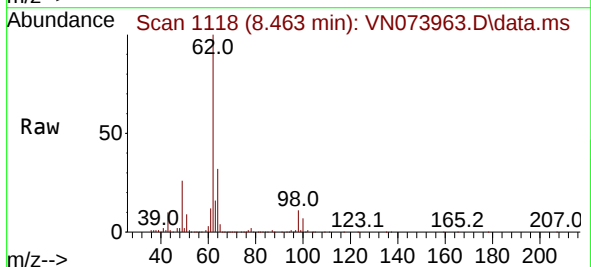
APPROVED

Reviewed By :John Carlone 08/17/2022

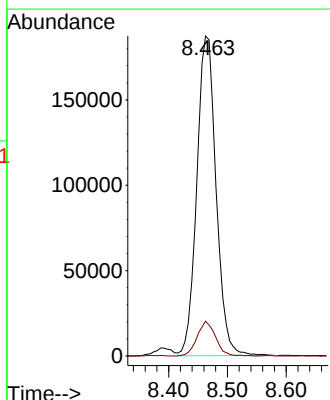
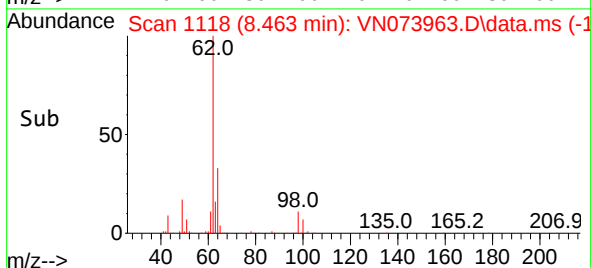
Supervised By :Mahesh Dadoda 08/17/2022

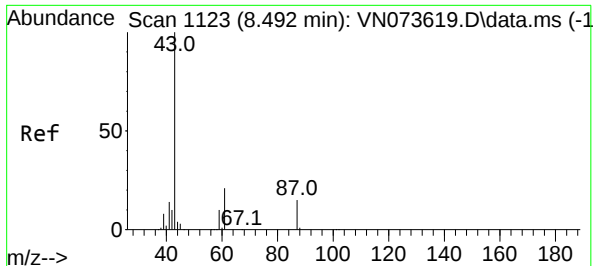


#42
1,2-Dichloroethane
Concen: 47.723 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



Tgt Ion: 62 Resp: 427442
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 53.548 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 76275

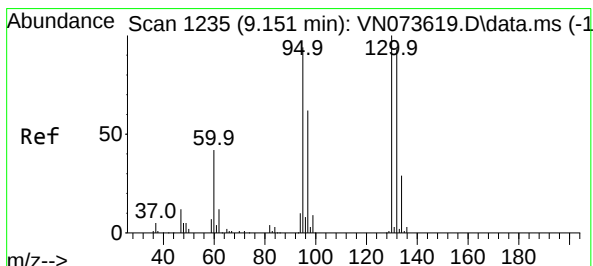
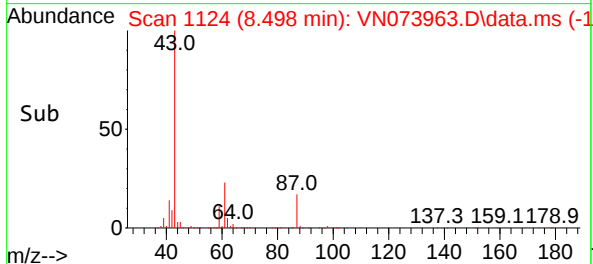
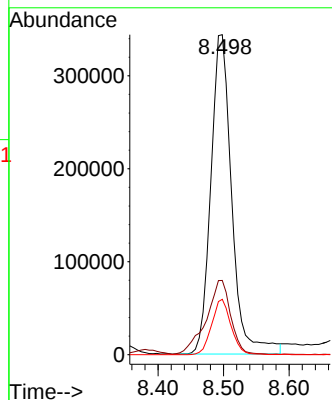
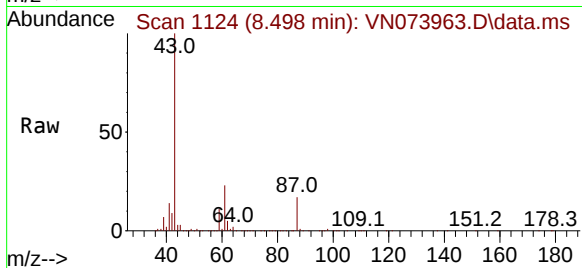
Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.9	32.9
87	16.0	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#44

Trichloroethene

Concen: 45.727 ug/l

RT: 9.151 min Scan# 1235

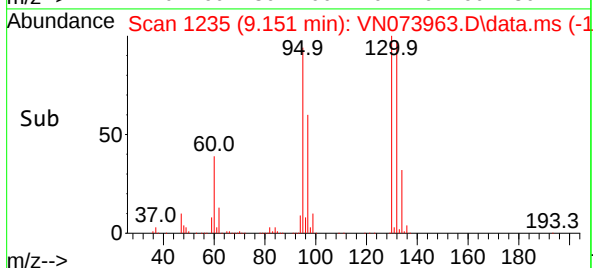
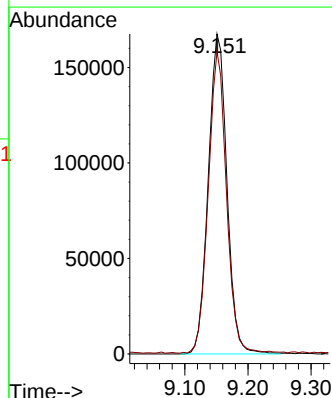
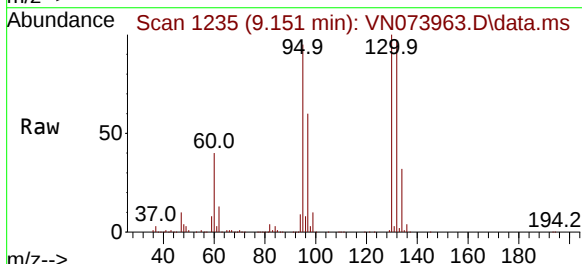
Delta R.T. -0.000 min

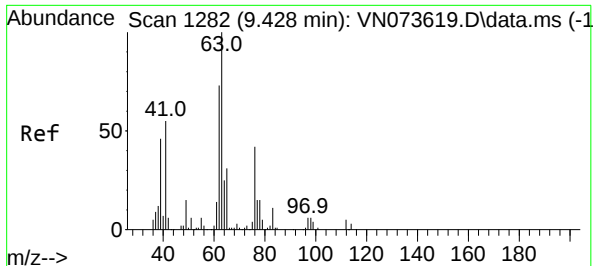
Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Tgt Ion:130 Resp: 344034

Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	186.8





#45

1,2-Dichloropropane

Concen: 50.128 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.001 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 312975

Ion Ratio Lower Upper

63 100

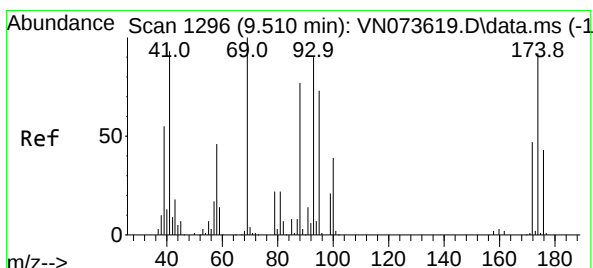
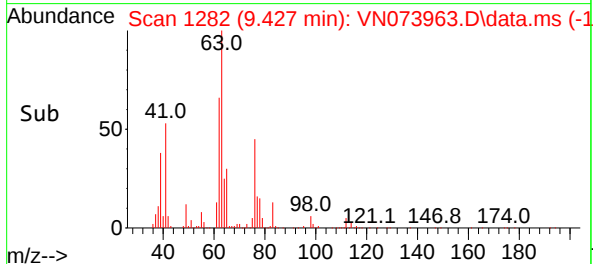
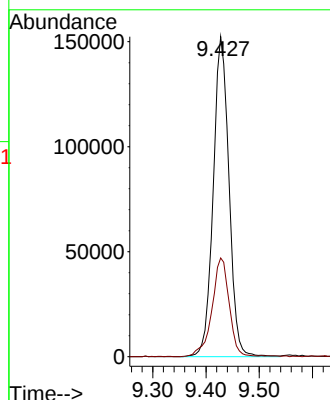
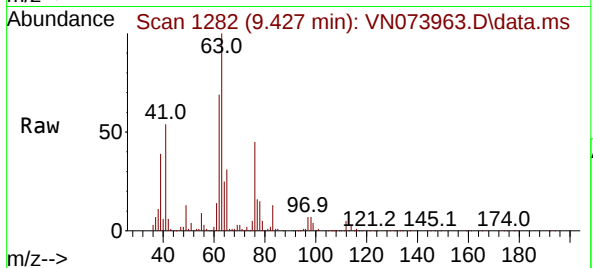
65 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#46

Dibromomethane

Concen: 47.815 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

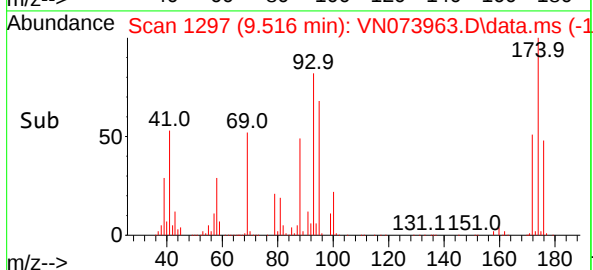
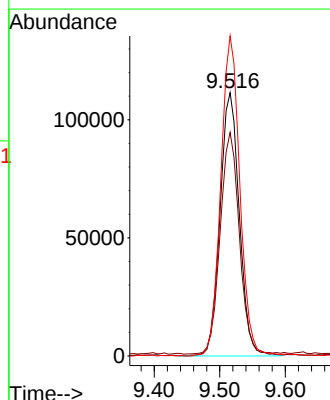
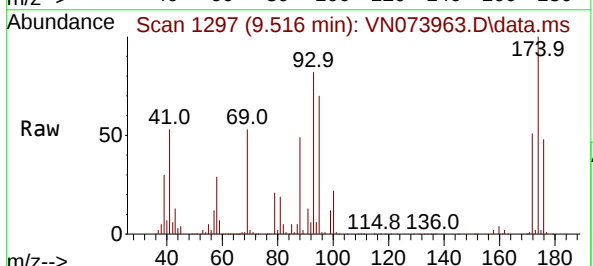
Tgt Ion: 93 Resp: 226975

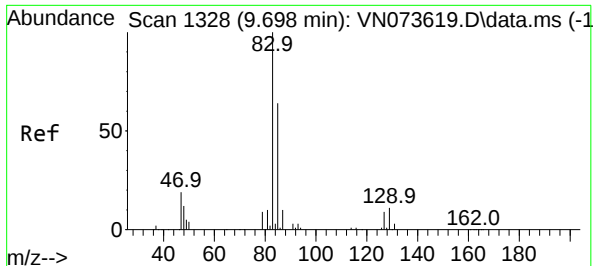
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

174 120.3 86.6 130.0





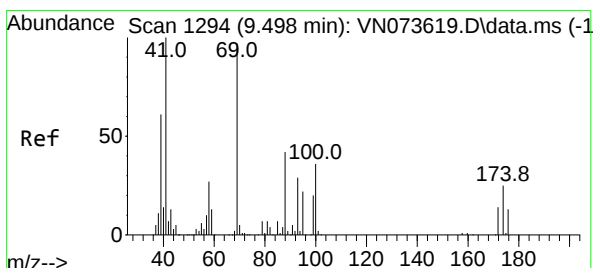
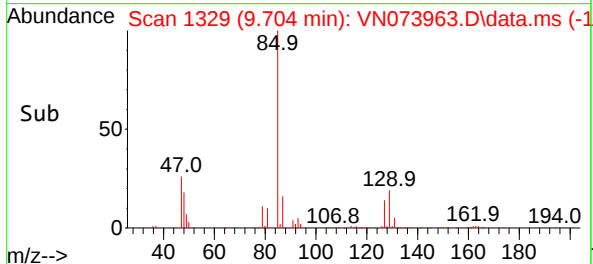
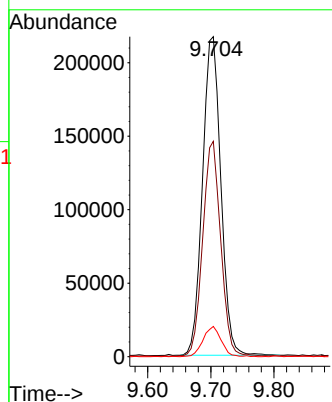
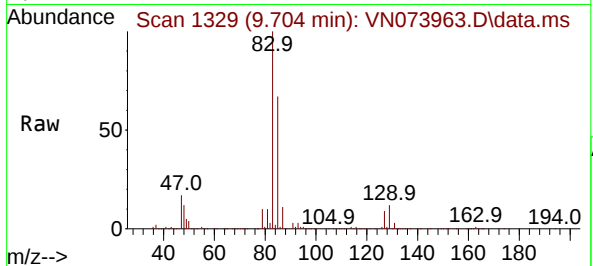
#47
Bromodichloromethane
Concen: 48.116 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 43655
Ion Ratio Lower Upper
83 100
85 67.4 50.5 75.7
127 9.5 6.8 10.2

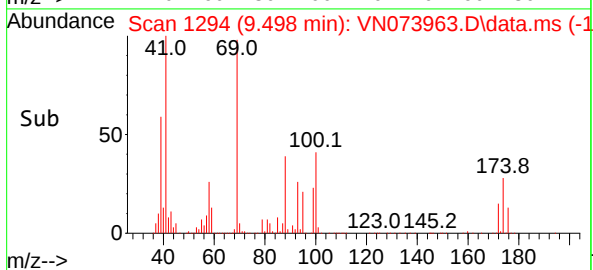
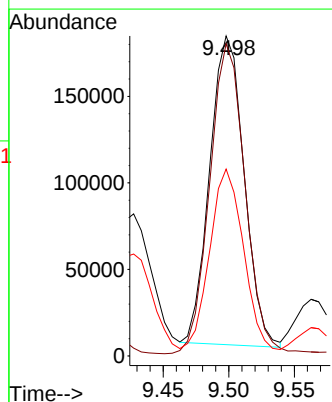
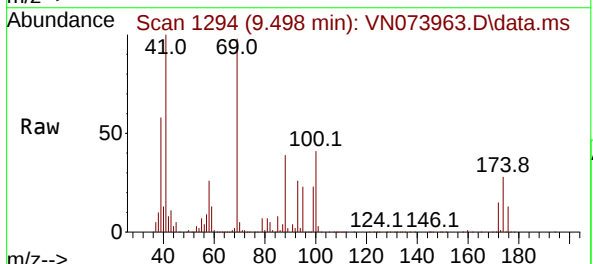
Manual Integrations
APPROVED

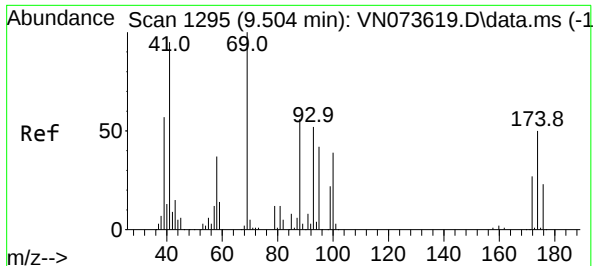
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#48
Methyl methacrylate
Concen: 53.313 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Tgt Ion: 41 Resp: 324940
Ion Ratio Lower Upper
41 100
69 104.9 74.7 112.1
39 57.4 45.6 68.4





#49

1,4-Dioxane

Concen: 970.140 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 175838

Ion Ratio Lower Upper

88 100

43 25.2 20.2 30.4

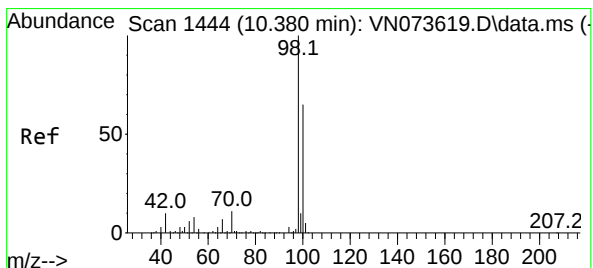
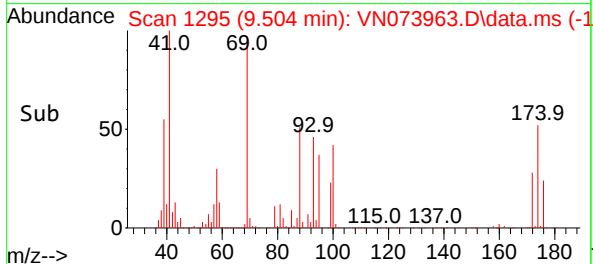
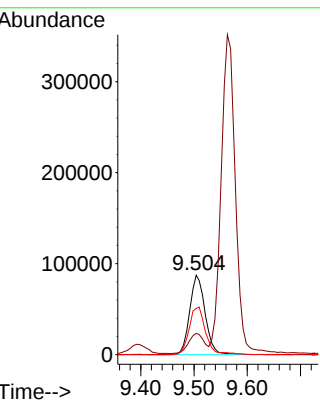
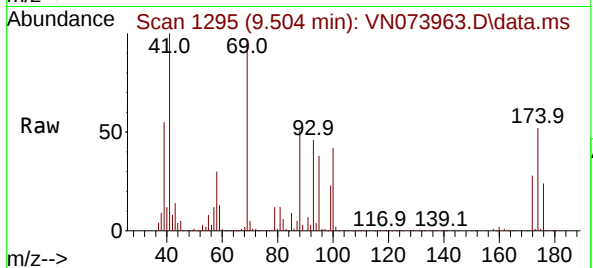
58 64.1 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#50

Toluene-d8

Concen: 52.001 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073963.D

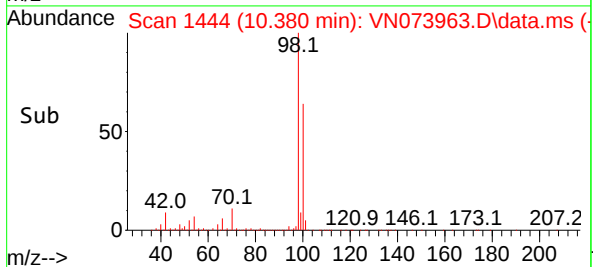
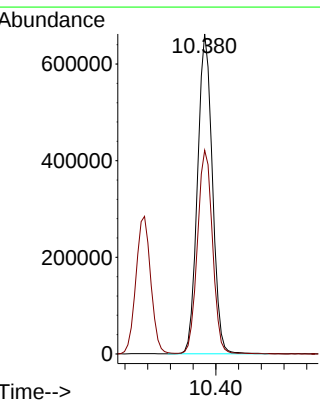
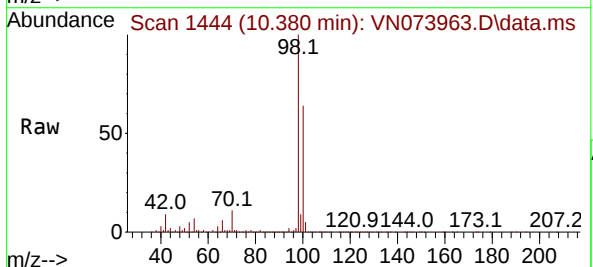
Acq: 16 Aug 2022 21:07

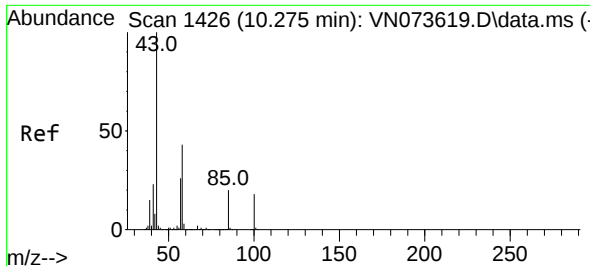
Tgt Ion: 98 Resp: 1196703

Ion Ratio Lower Upper

98 100

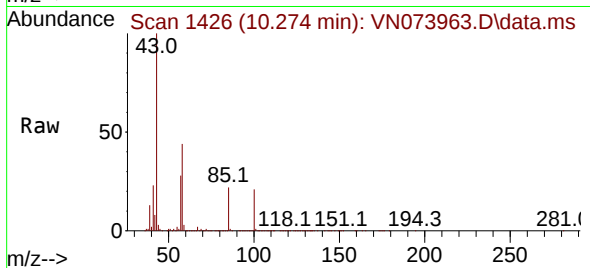
100 64.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 261.129 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. -0.001 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

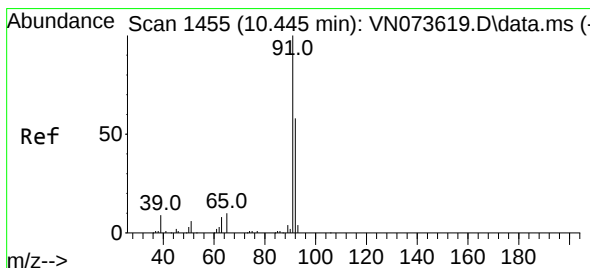
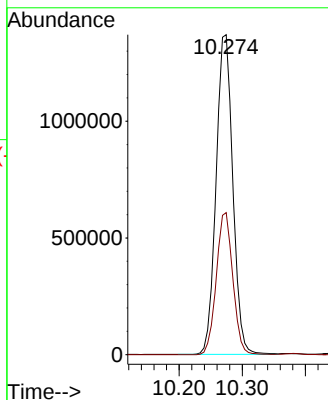
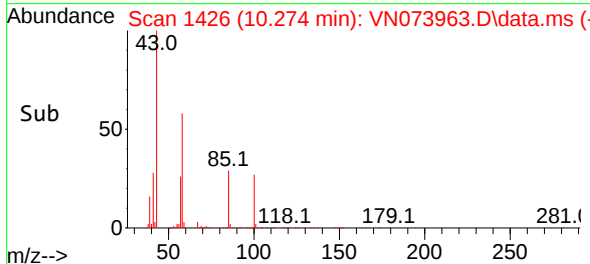
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 251481
Ion Ratio Lower Upper
43 100
58 44.0 34.1 51.1

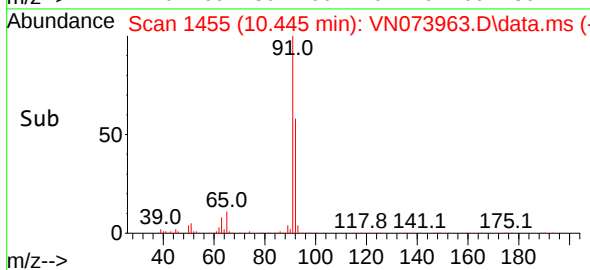
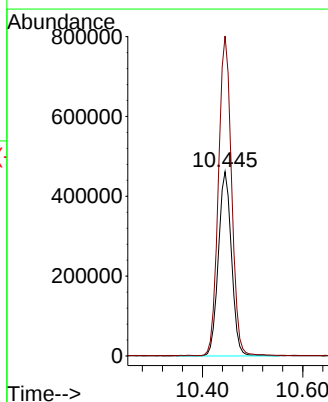
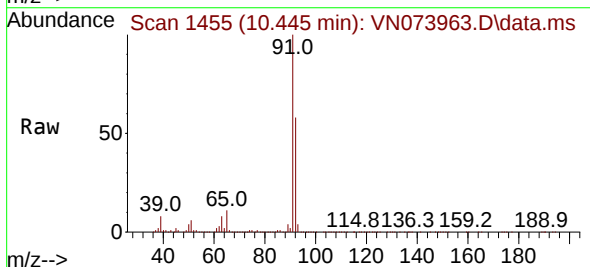
Manual Integrations
APPROVED

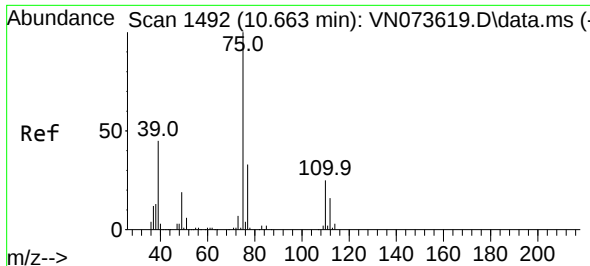
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#52
Toluene
Concen: 46.885 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

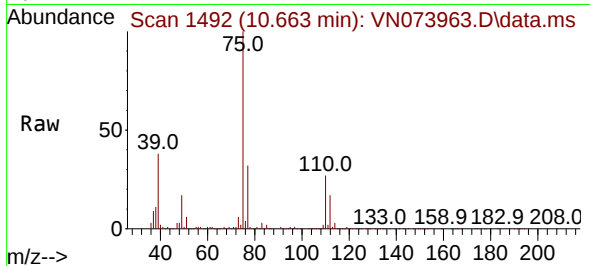
Tgt Ion: 92 Resp: 837458
Ion Ratio Lower Upper
92 100
91 173.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 48.156 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

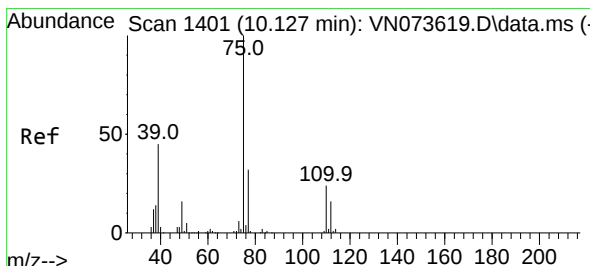
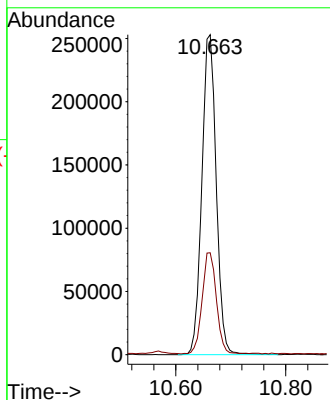
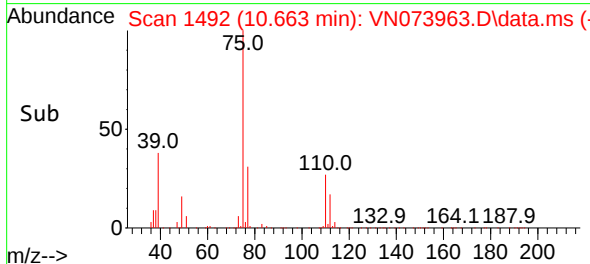
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



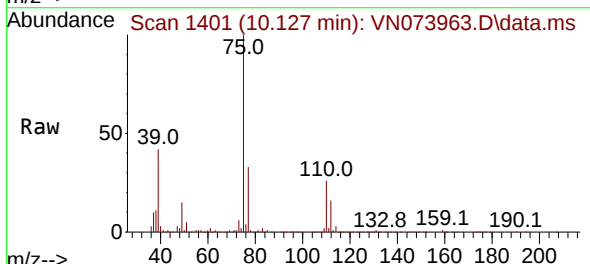
Tgt Ion: 75 Resp: 458478
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
APPROVED

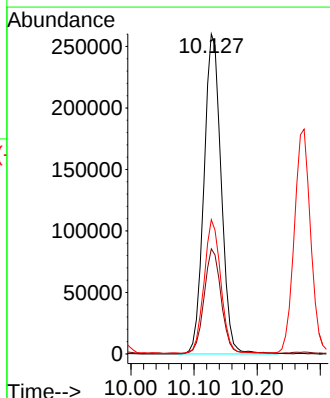
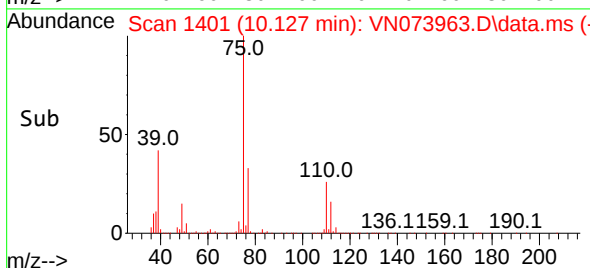
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

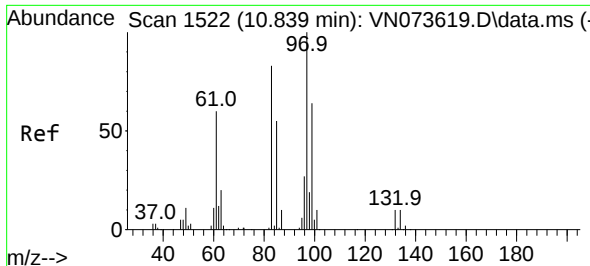


#54
cis-1,3-Dichloropropene
Concen: 47.187 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



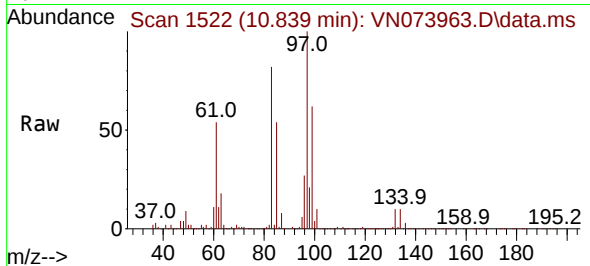
Tgt Ion: 75 Resp: 491542
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 41.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.285 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

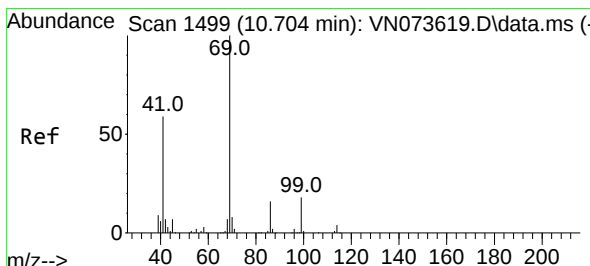
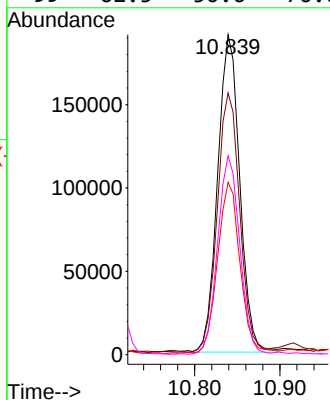
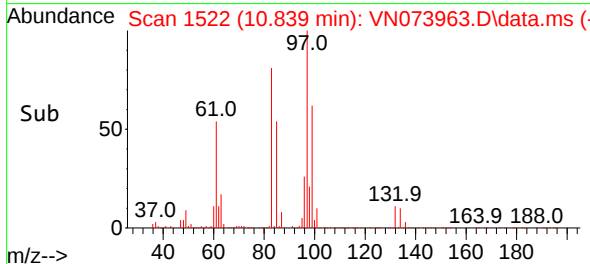
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



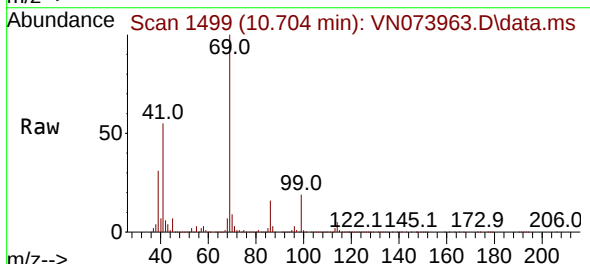
Tgt Ion:	97	Resp:	34244
Ion	Ratio	Lower	Upper
97	100		
83	81.3	66.2	99.4
85	53.8	43.9	65.9
99	62.5	50.6	76.0

Manual Integrations
APPROVED

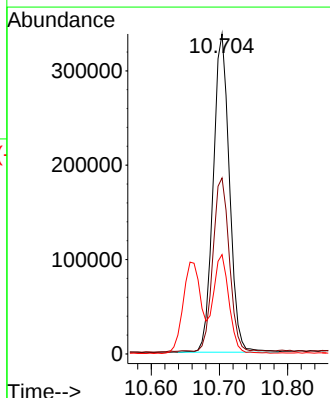
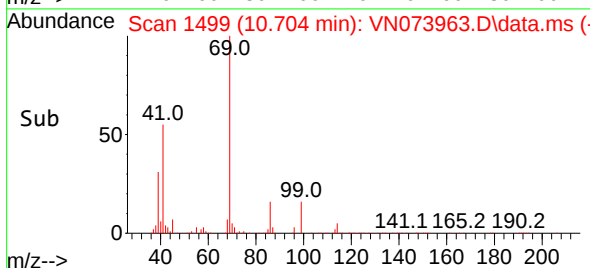
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

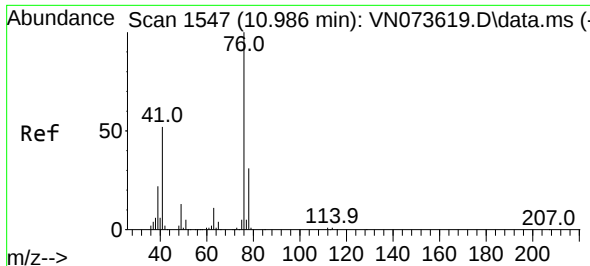


#56
Ethyl methacrylate
Concen: 56.341 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



Tgt Ion:	69	Resp:	558342
Ion	Ratio	Lower	Upper
69	100		
41	55.0	47.8	71.6
39	30.0	27.3	40.9





#57

1,3-Dichloropropane

Concen: 49.884 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 56356

Ion Ratio Lower Upper

76 100

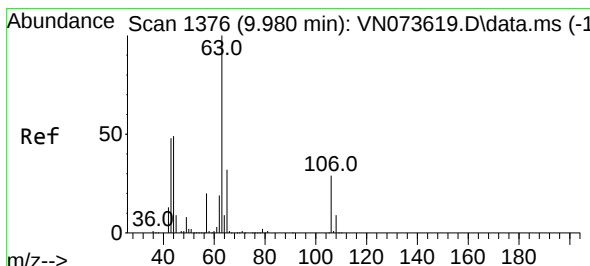
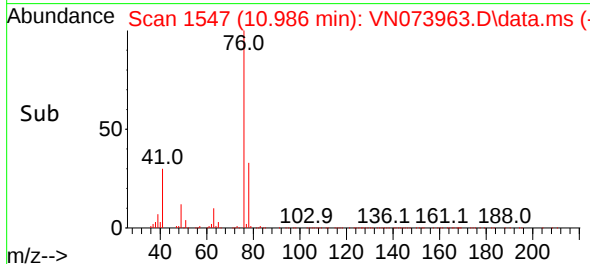
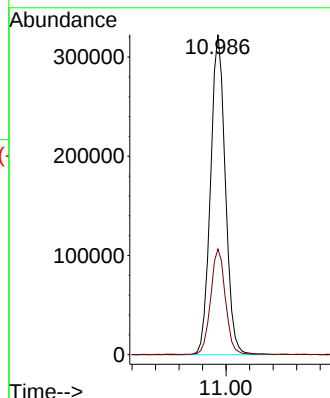
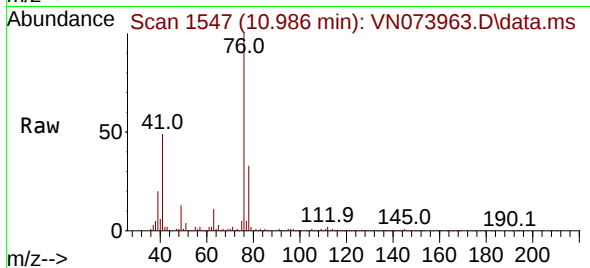
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 263.422 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073963.D

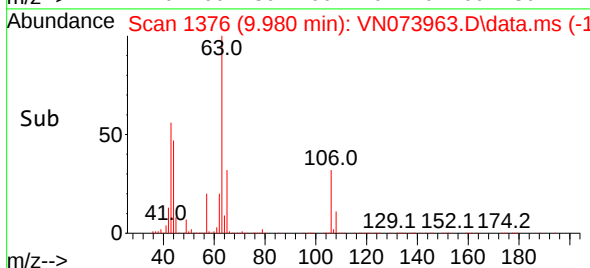
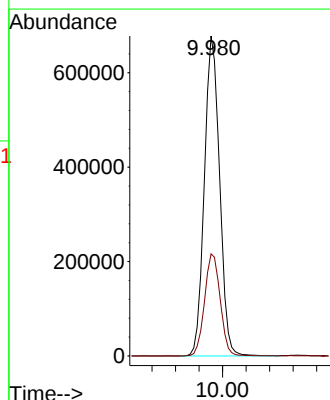
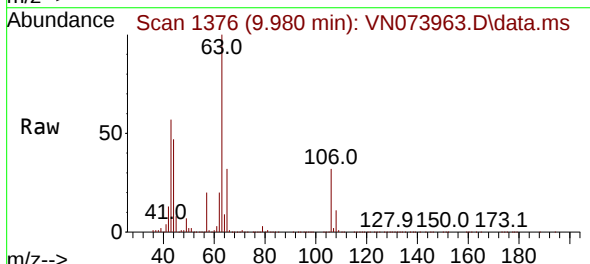
Acq: 16 Aug 2022 21:07

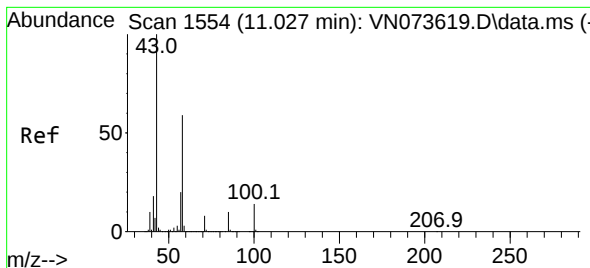
Tgt Ion: 63 Resp: 1218371

Ion Ratio Lower Upper

63 100

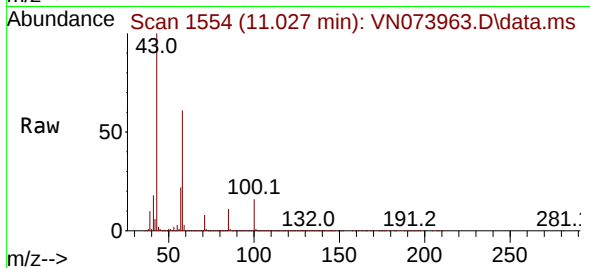
106 32.6 24.6 36.8





#59
2-Hexanone
Concen: 265.125 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

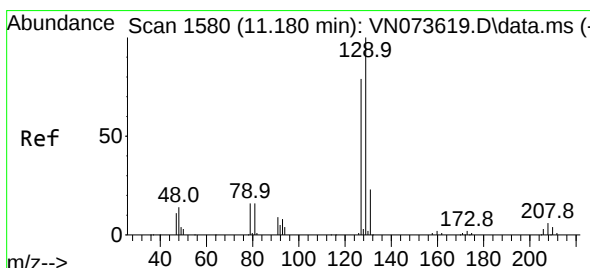
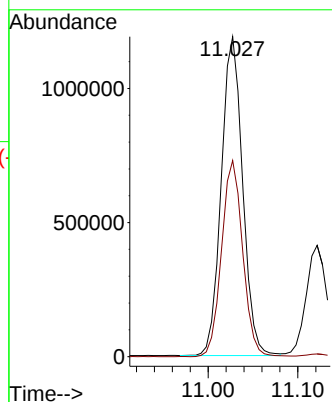
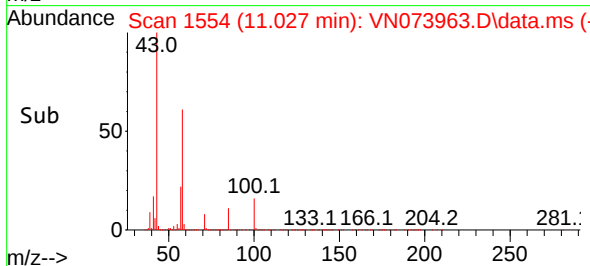
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



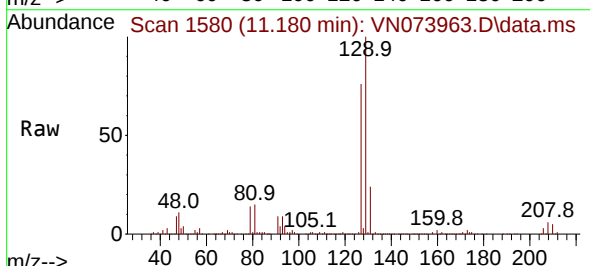
Tgt Ion: 43 Resp: 196504
Ion Ratio Lower Upper
43 100
58 60.9 29.7 89.1

Manual Integrations
APPROVED

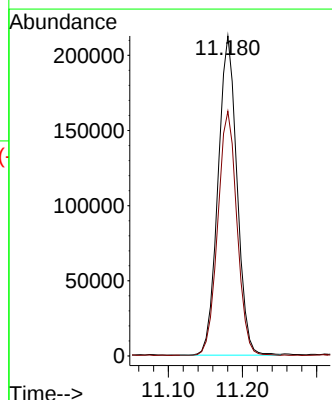
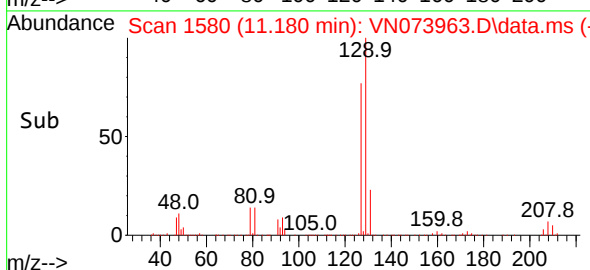
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

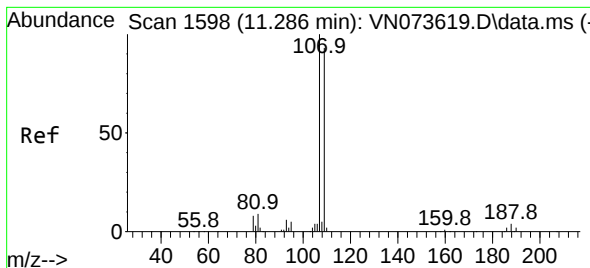


#60
Dibromochloromethane
Concen: 49.211 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



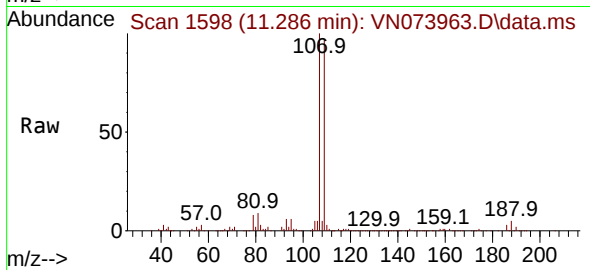
Tgt Ion:129 Resp: 378132
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.237 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

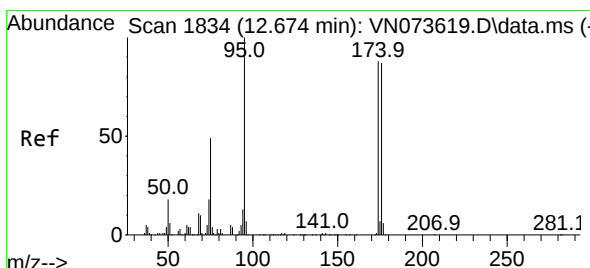
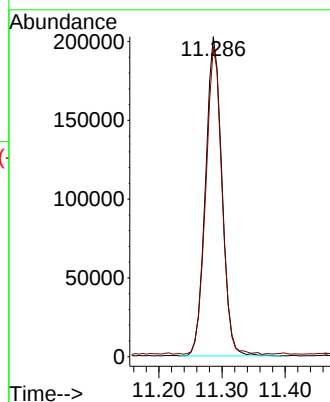
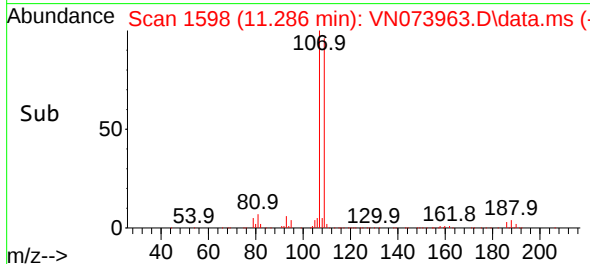
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



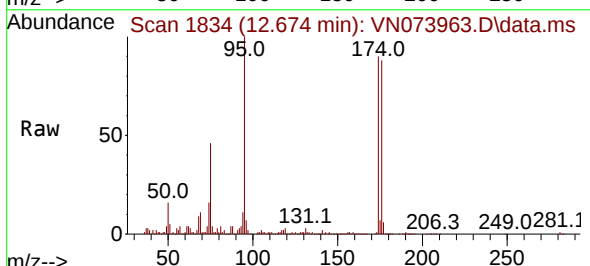
Tgt Ion:107 Resp: 365915
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6

Manual Integrations
APPROVED

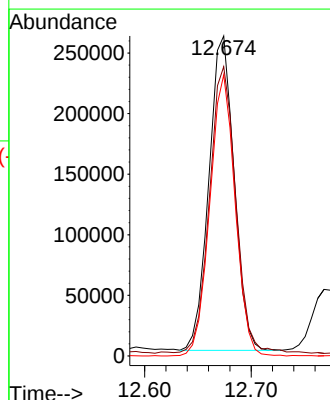
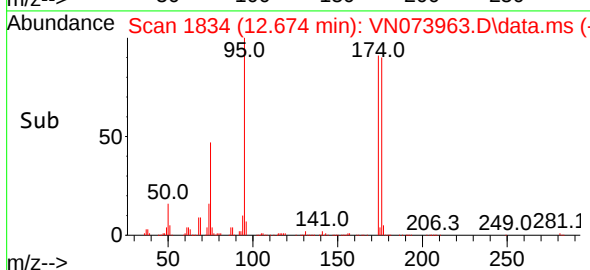
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

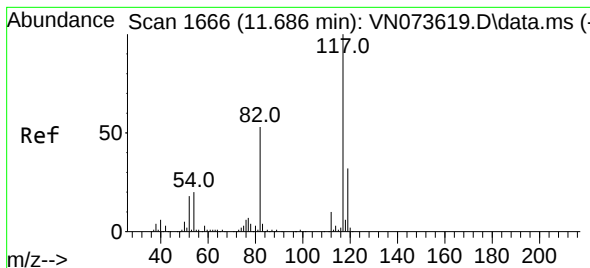


#62
4-Bromofluorobenzene
Concen: 55.991 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



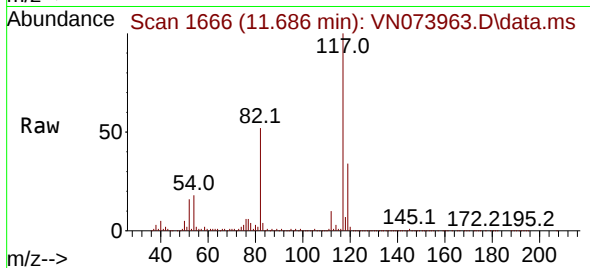
Tgt Ion: 95 Resp: 427640
Ion Ratio Lower Upper
95 100
174 97.8 0.0 167.6
176 89.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

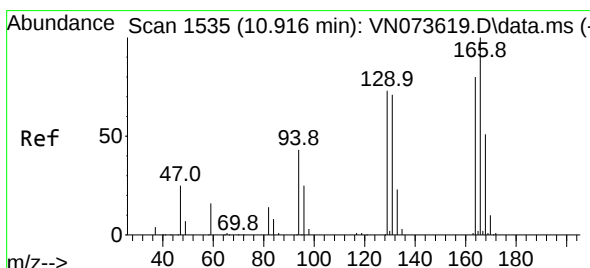
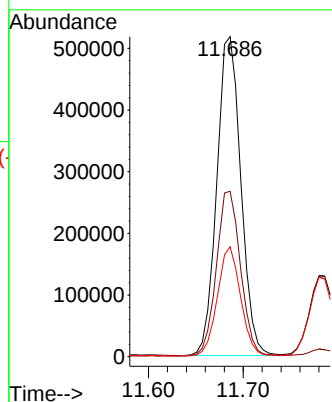
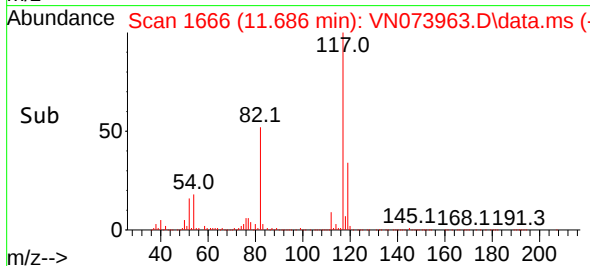
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 91355
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 34.3 25.4 38.0

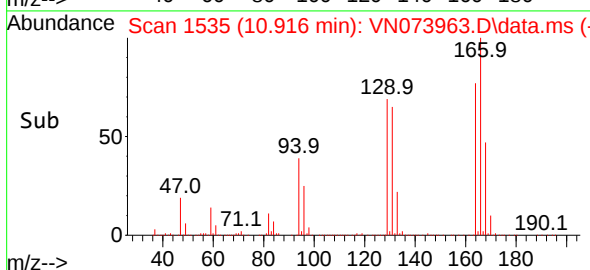
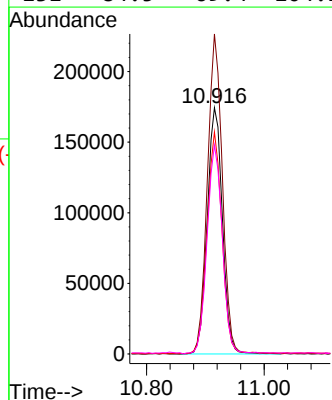
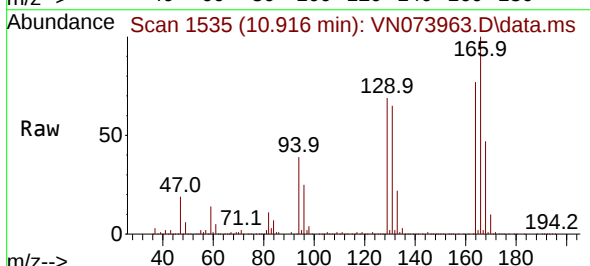
Manual Integrations
APPROVED

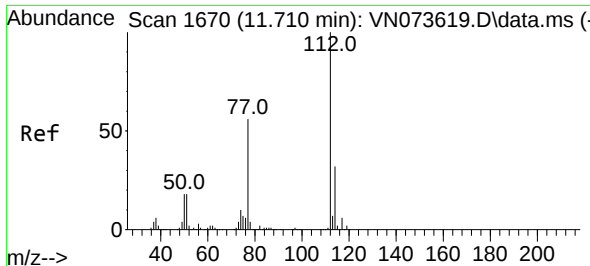
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#64
Tetrachloroethene
Concen: 43.520 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

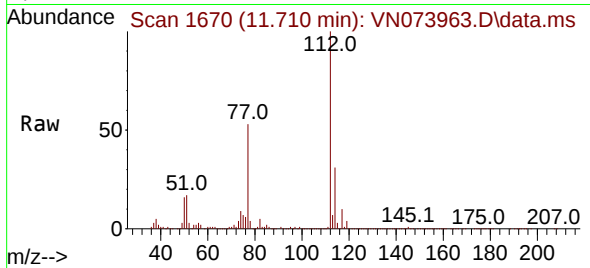
Tgt Ion:164 Resp: 313799
Ion Ratio Lower Upper
164 100
166 130.0 104.2 156.2
129 89.9 73.9 110.9
131 84.5 69.4 104.2





#65
Chlorobenzene
Concen: 47.730 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

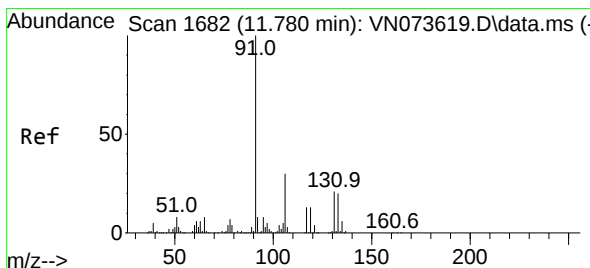
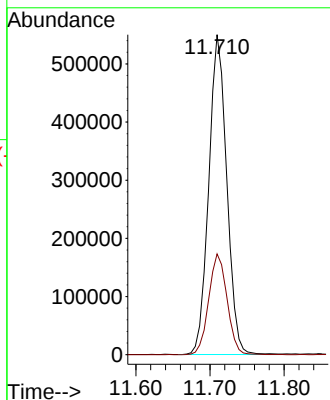
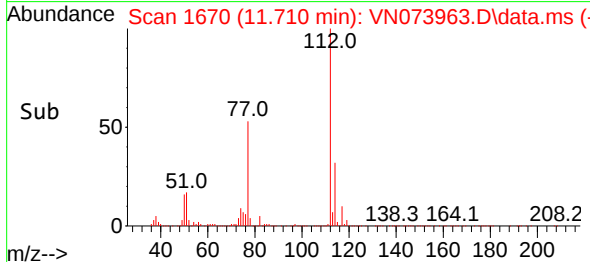
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 926702
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

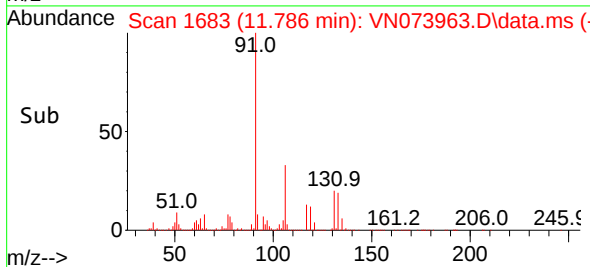
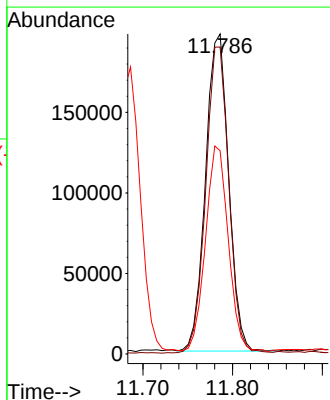
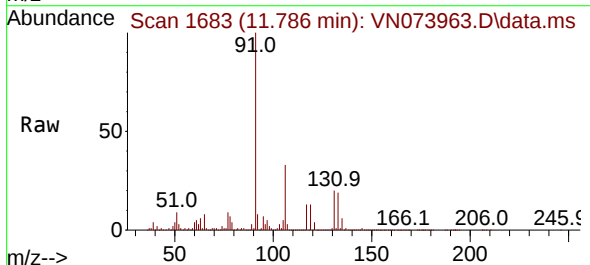
Manual Integrations
APPROVED

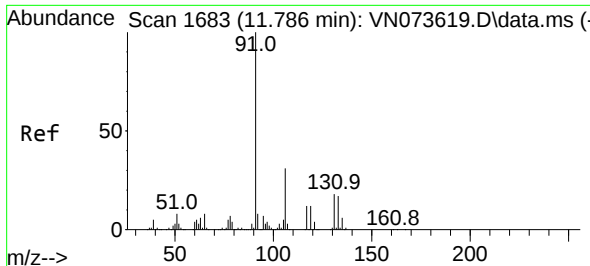
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 47.958 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Tgt Ion:131 Resp: 352593
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.4
119 64.0 33.4 100.2





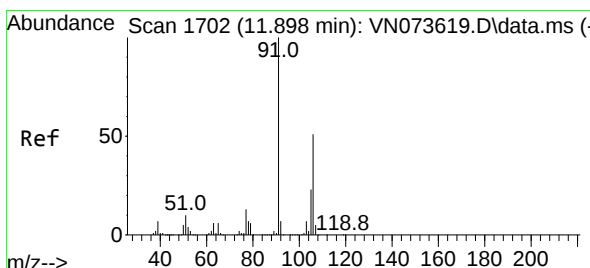
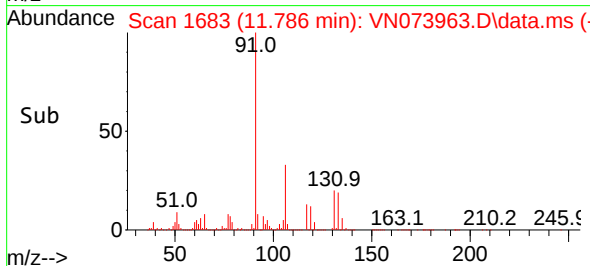
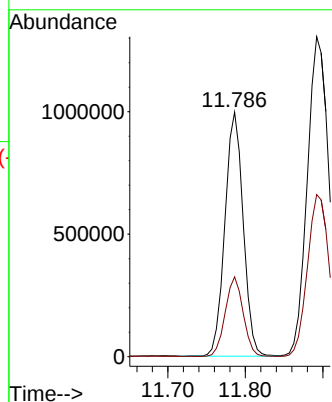
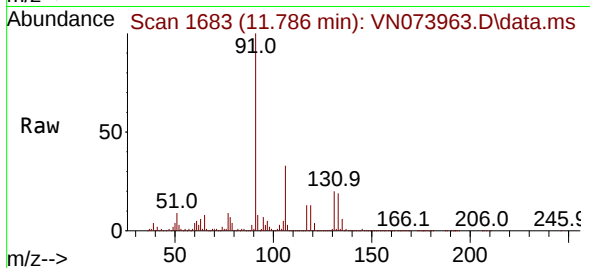
#67
Ethyl Benzene
Concen: 50.661 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1635762
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

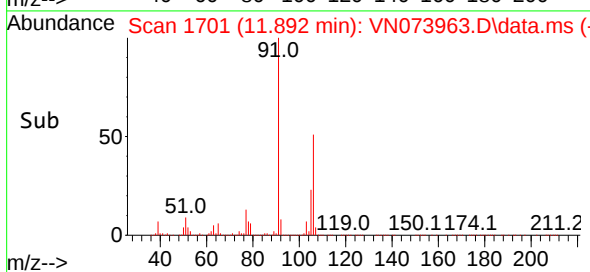
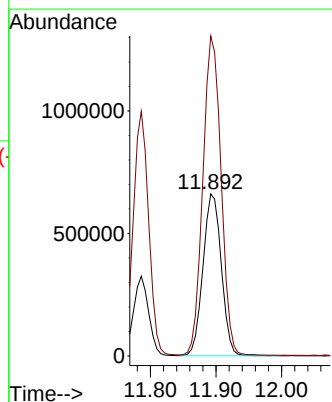
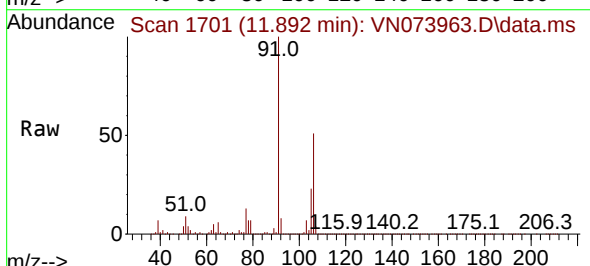
Manual Integrations
APPROVED

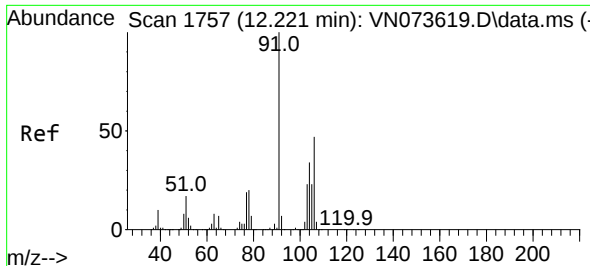
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#68
m/p-Xylenes
Concen: 97.929 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

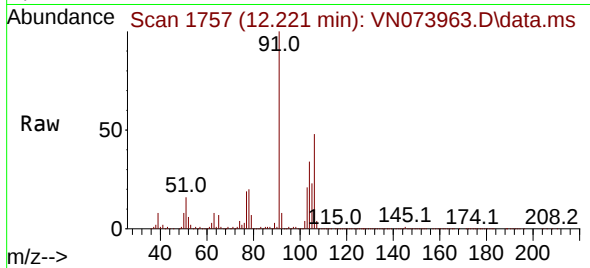
Tgt Ion:106 Resp: 1284740
Ion Ratio Lower Upper
106 100
91 196.4 158.9 238.3





#69
o-Xylene
Concen: 49.370 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

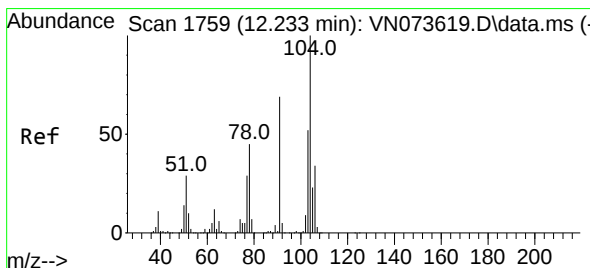
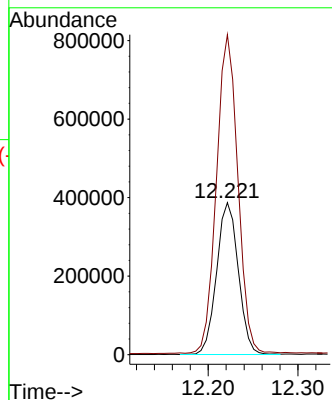
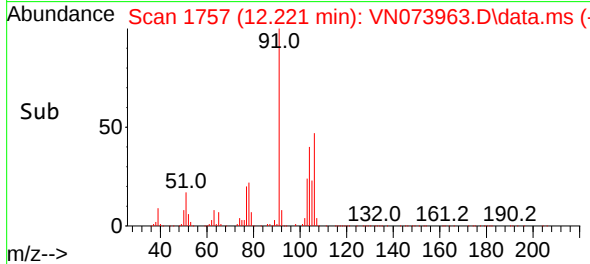
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 649512
Ion Ratio Lower Upper
106 100
91 207.5 106.0 318.0

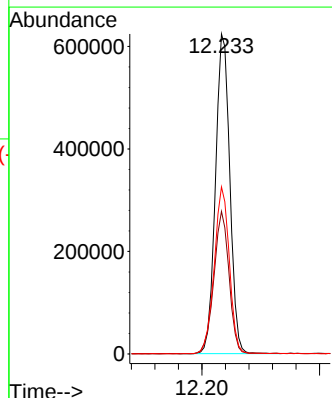
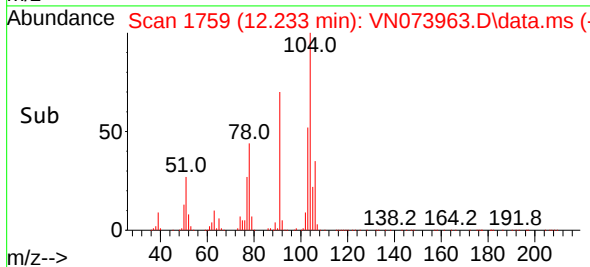
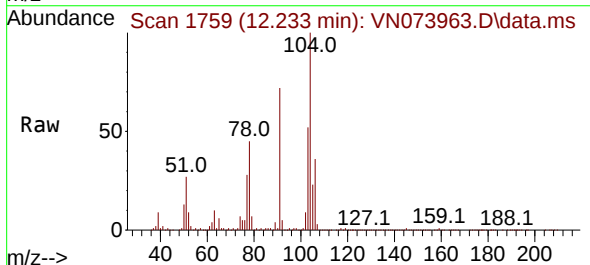
Manual Integrations
APPROVED

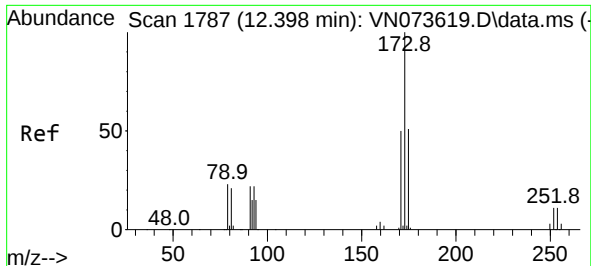
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#70
Styrene
Concen: 51.321 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

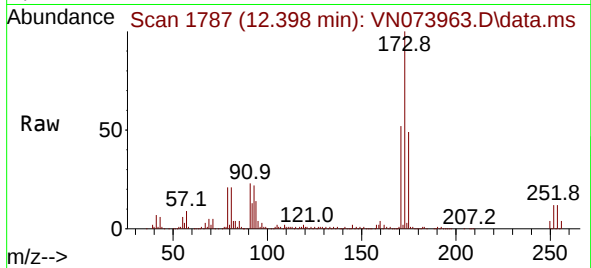
Tgt Ion:104 Resp: 1057035
Ion Ratio Lower Upper
104 100
78 47.0 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 47.546 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

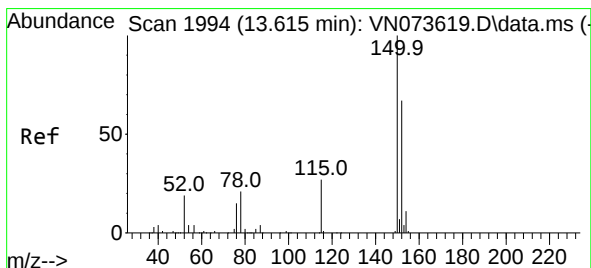
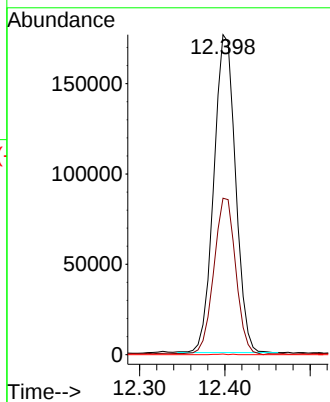
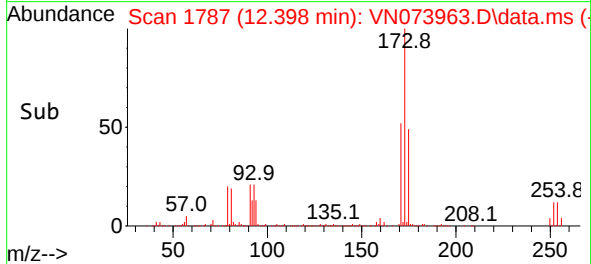
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 31209
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.6
254 0.1 0.1 0.1

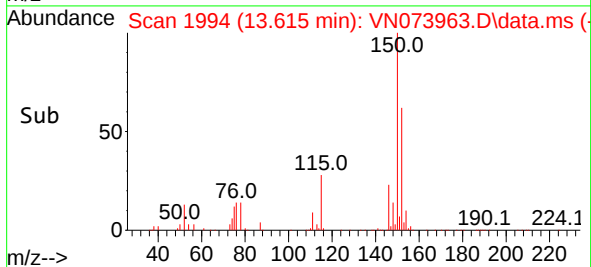
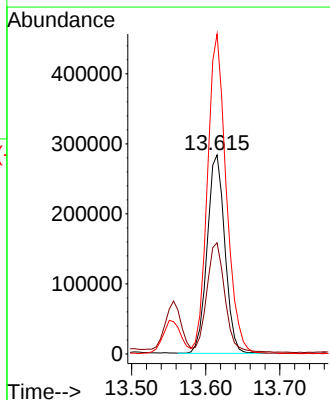
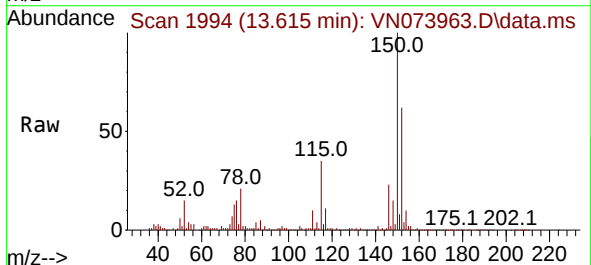
Manual Integrations
APPROVED

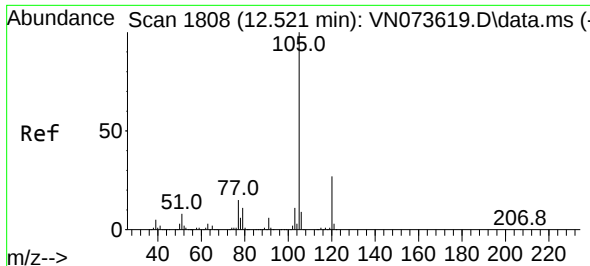
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

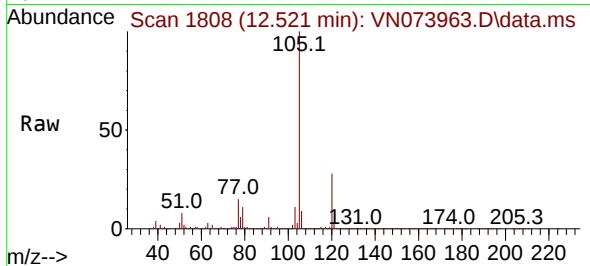
Tgt Ion:152 Resp: 468608
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 171.9 0.0 356.2





#73
Isopropylbenzene
Concen: 48.419 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

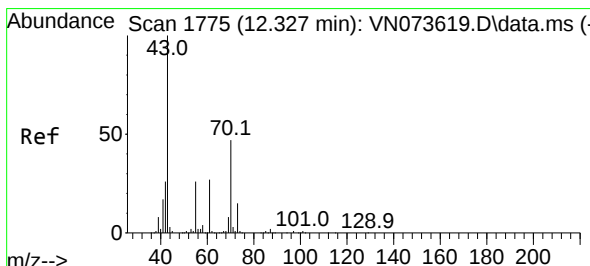
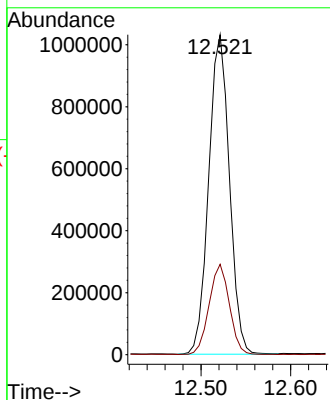
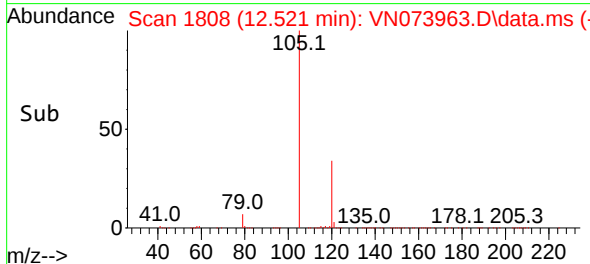
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



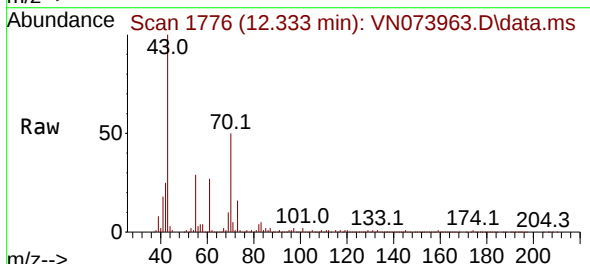
Tgt Ion:105 Resp: 165217
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4

Manual Integrations
APPROVED

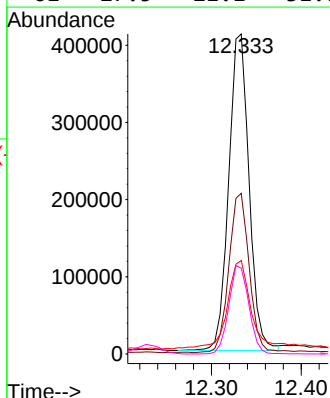
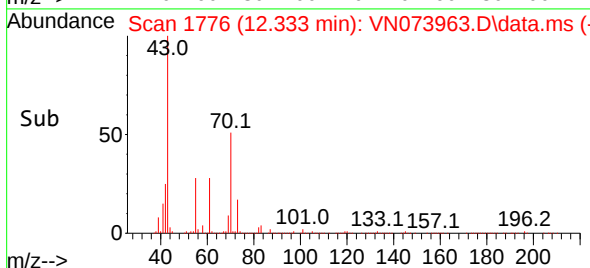
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

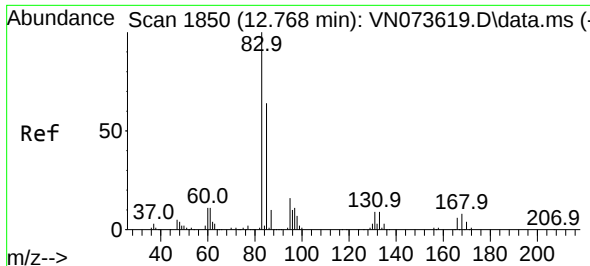


#74
N-ethyl acetate
Concen: 50.004 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



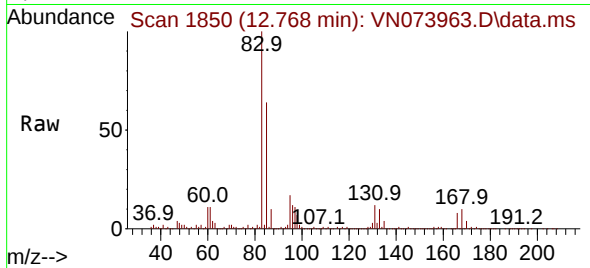
Tgt Ion: 43 Resp: 645038
Ion Ratio Lower Upper
43 100
70 50.5 39.0 58.4
55 34.5 21.1 31.7#
61 27.5 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.201 ug/l
 RT: 12.768 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN073963.D
 Acq: 16 Aug 2022 21:07

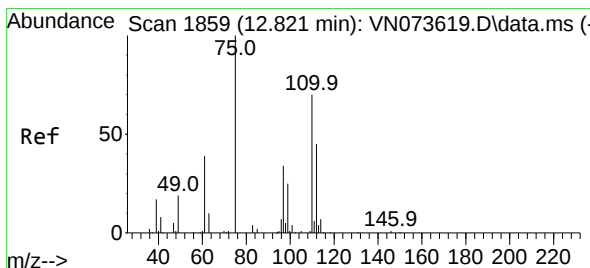
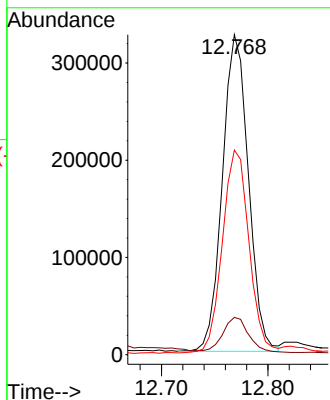
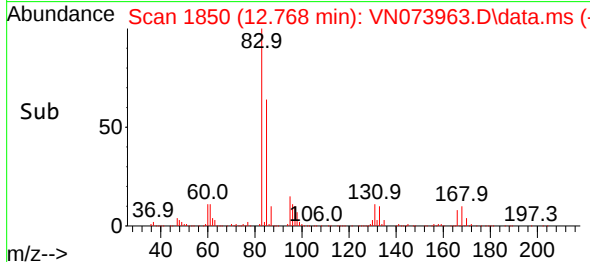
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 551930
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.3 15.9
 85 65.6 32.3 96.9

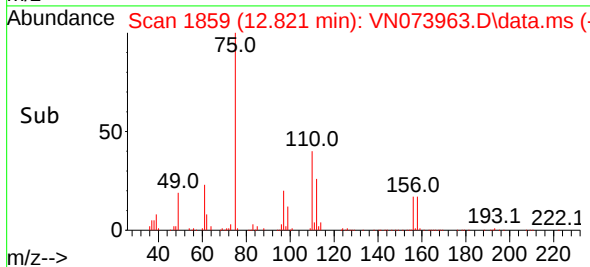
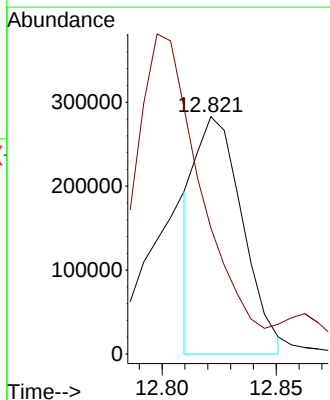
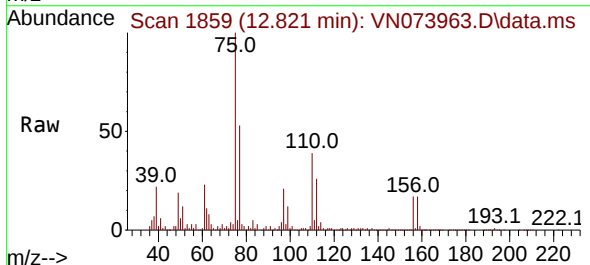
Manual Integrations
 APPROVED

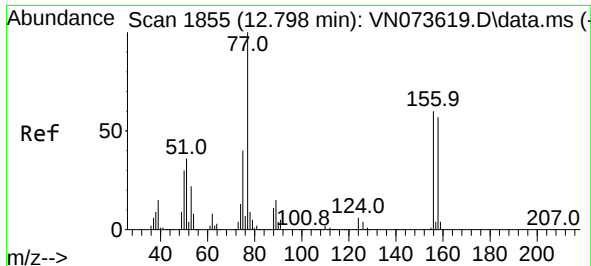
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022



#76
 1,2,3-Trichloropropane
 Concen: 41.889 ug/l m
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN073963.D
 Acq: 16 Aug 2022 21:07

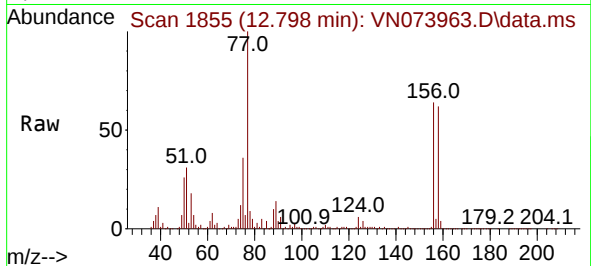
Tgt Ion: 75 Resp: 407993
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 46.215 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

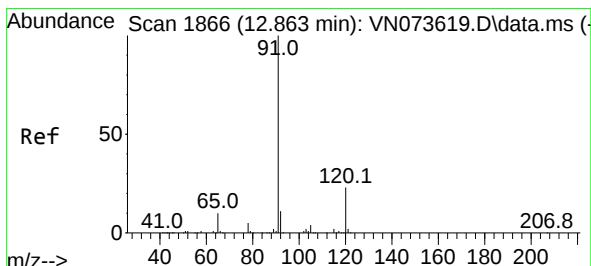
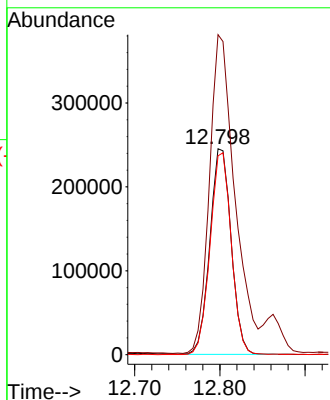
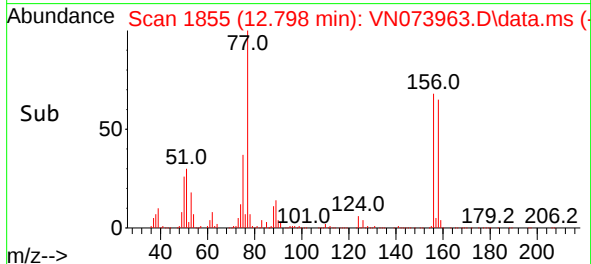
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 42685
Ion Ratio Lower Upper
156 100
77 183.7 100.5 301.5
158 97.4 48.9 146.6

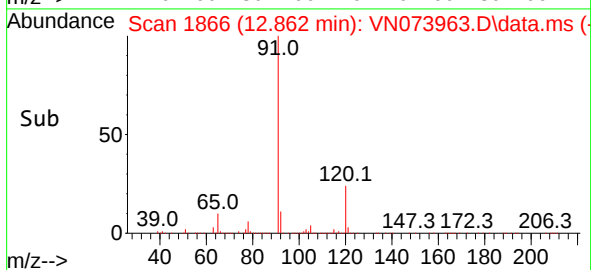
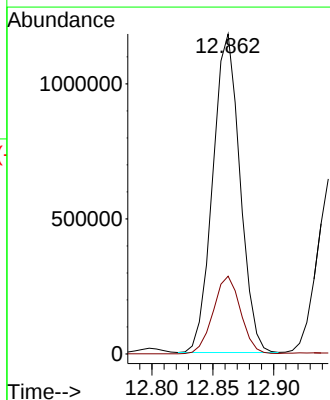
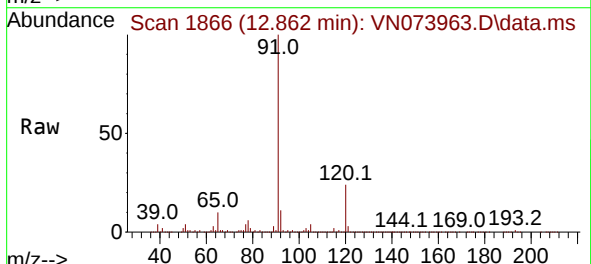
Manual Integrations
APPROVED

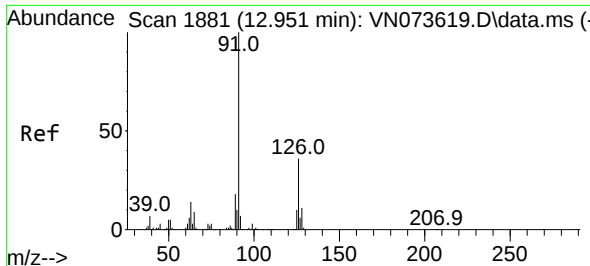
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#78
n-propylbenzene
Concen: 50.349 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Tgt Ion: 91 Resp: 1831346
Ion Ratio Lower Upper
91 100
120 24.6 11.9 35.5





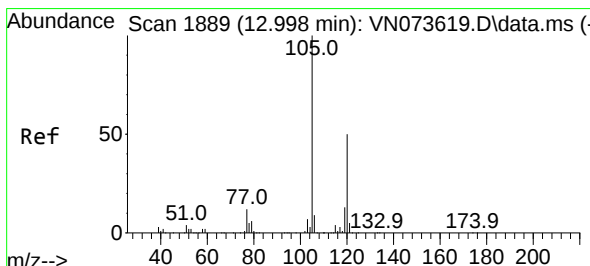
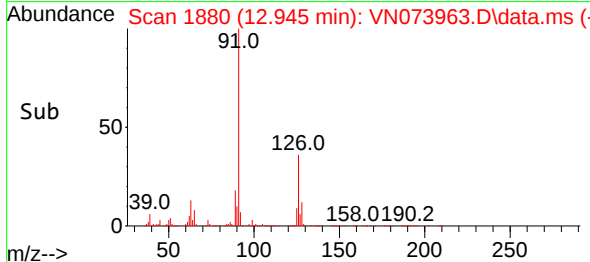
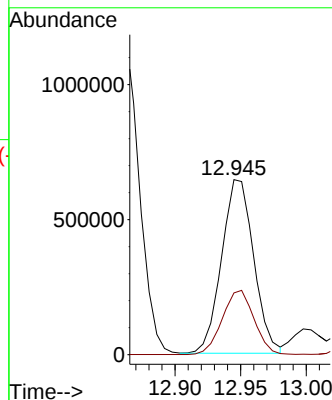
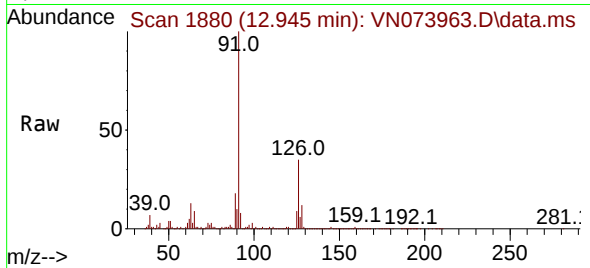
#79
2-Chlorotoluene
Concen: 48.368 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 109635
Ion Ratio Lower Upper
91 100
126 36.7 17.3 51.9

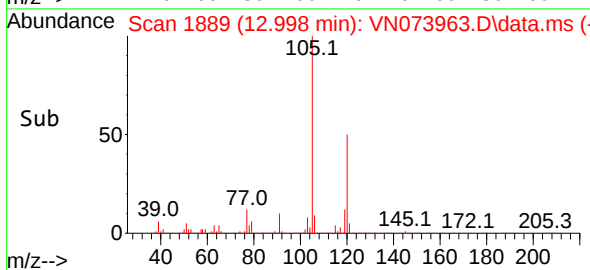
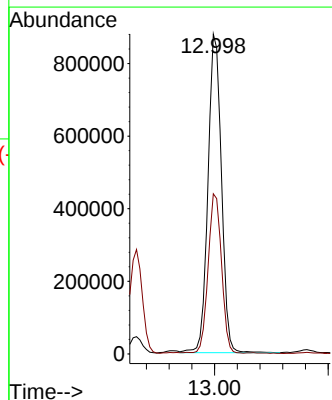
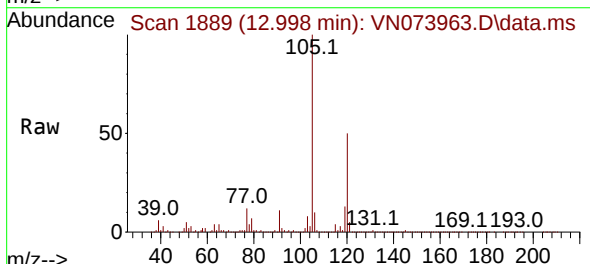
Manual Integrations
APPROVED

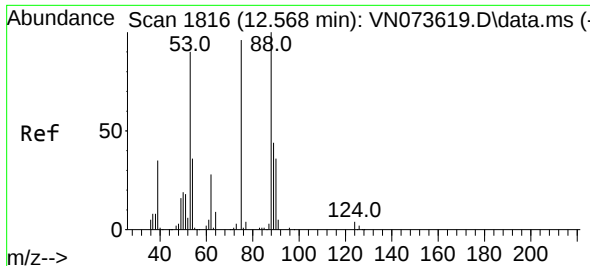
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.698 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

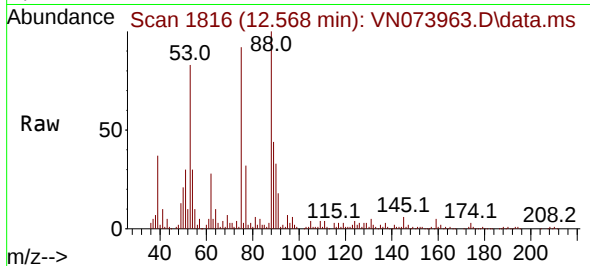
Tgt Ion:105 Resp: 1434860
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 43.890 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

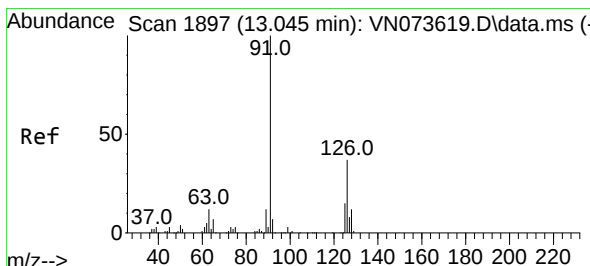
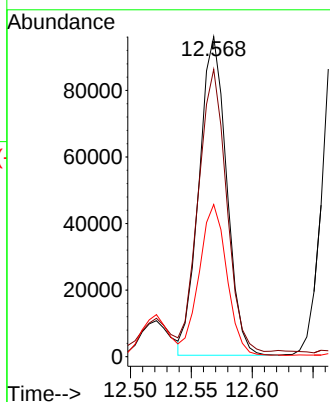
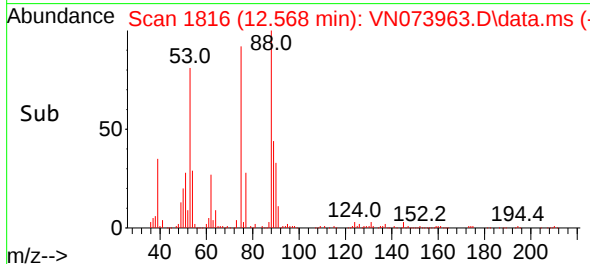
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 150300
Ion Ratio Lower Upper
75 100
53 89.8 78.0 117.0
89 48.1 37.2 55.8

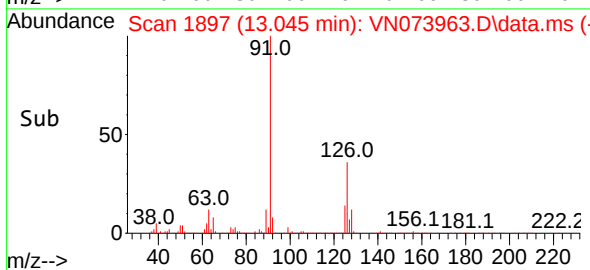
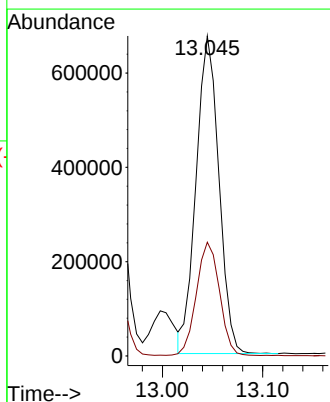
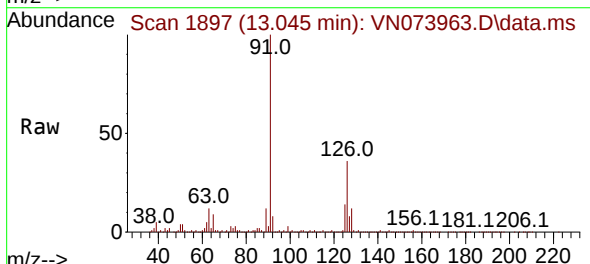
Manual Integrations
APPROVED

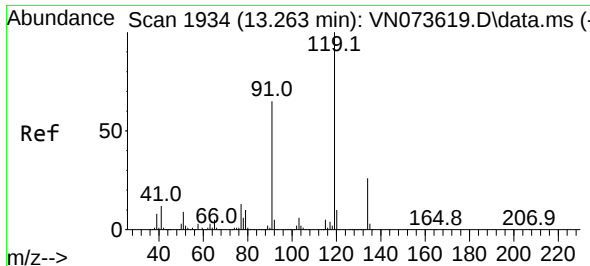
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#82
4-Chlorotoluene
Concen: 49.513 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

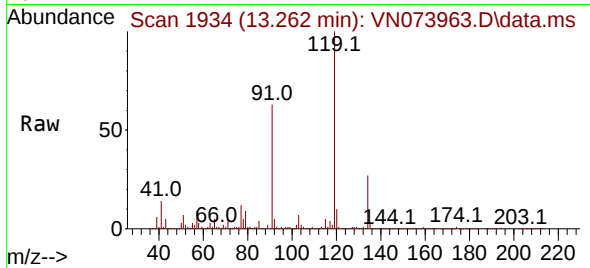
Tgt Ion: 91 Resp: 1065951
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 50.643 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

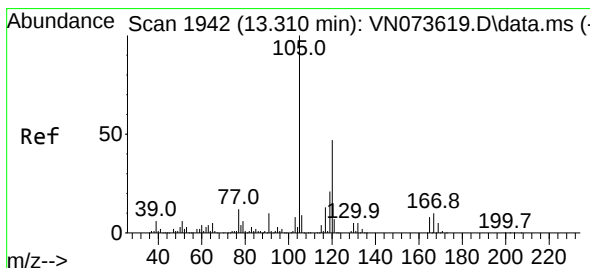
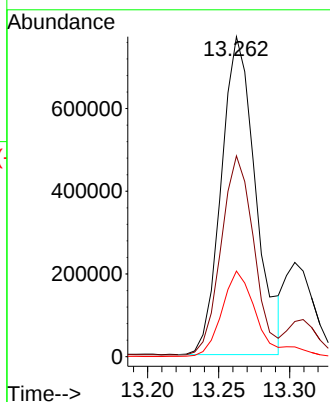
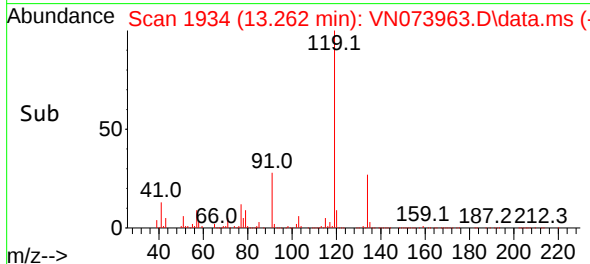
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 1293450
Ion Ratio Lower Upper
119 100
91 59.8 31.6 94.8
134 27.8 13.7 41.1

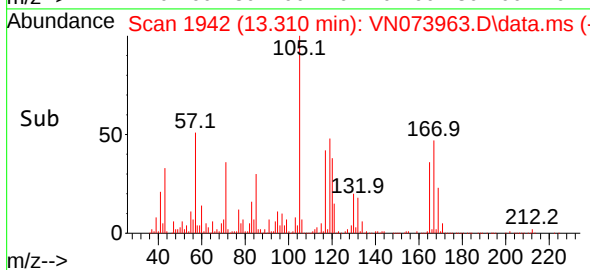
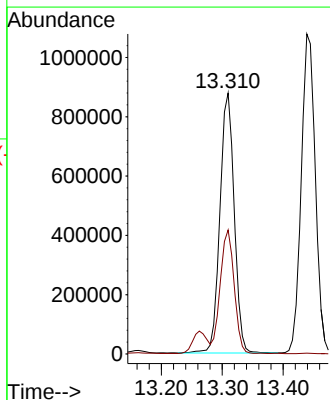
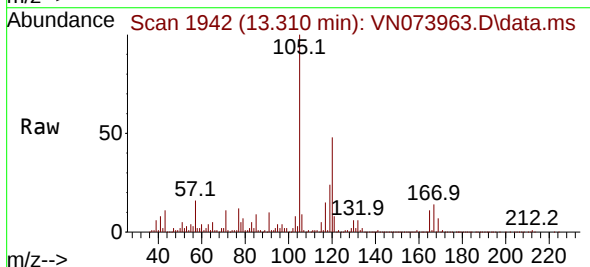
Manual Integrations
APPROVED

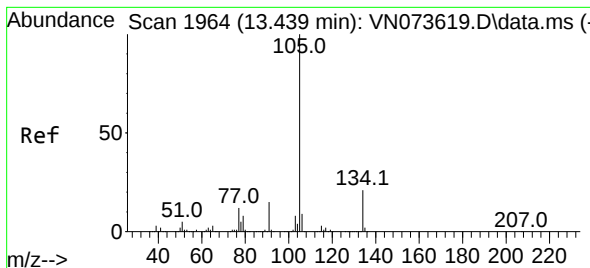
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.616 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

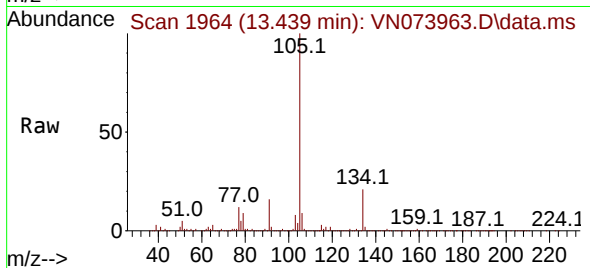
Tgt Ion:105 Resp: 1430595
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.000 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073963.D
 Acq: 16 Aug 2022 21:07

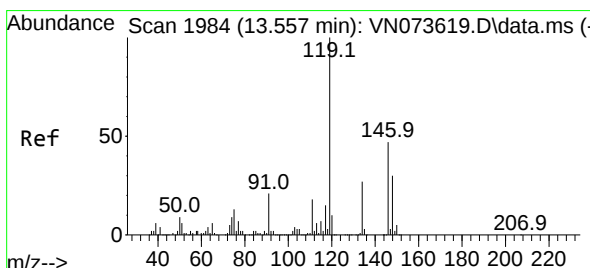
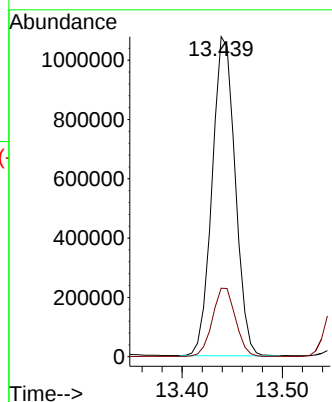
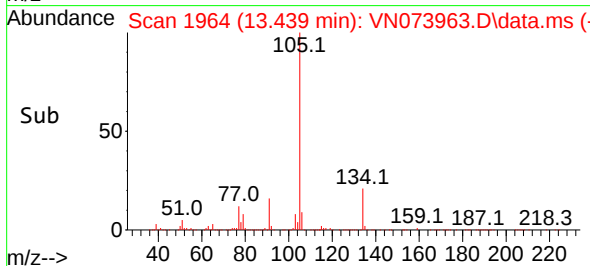
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



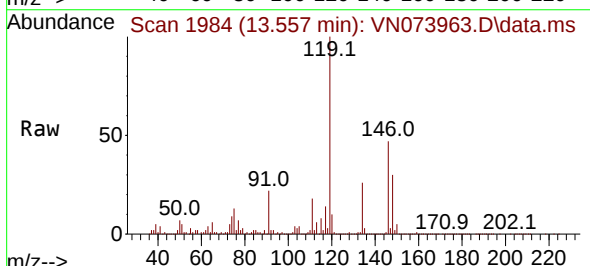
Tgt Ion:105 Resp: 172153
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1

Manual Integrations
 APPROVED

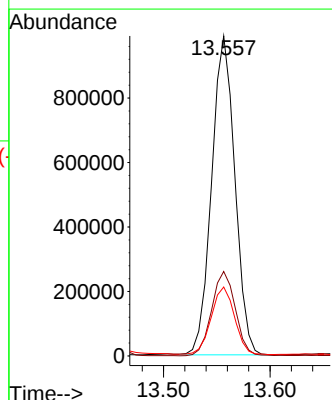
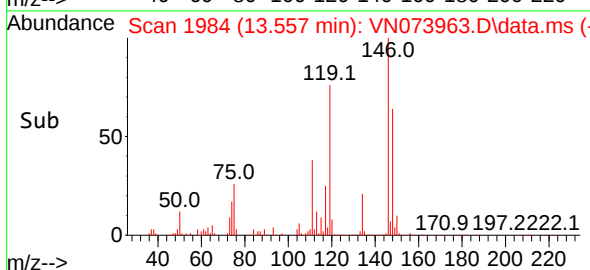
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

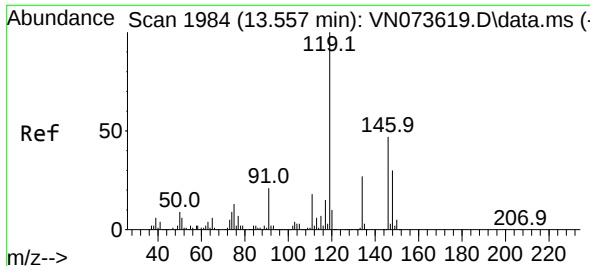


#86
 p-Isopropyltoluene
 Concen: 53.013 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073963.D
 Acq: 16 Aug 2022 21:07



Tgt Ion:119 Resp: 1495173
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 21.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.723 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 764409

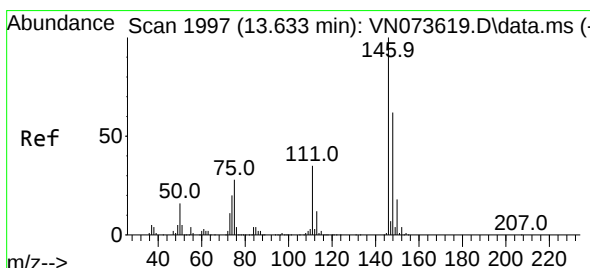
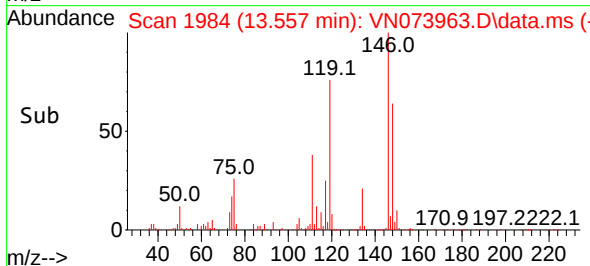
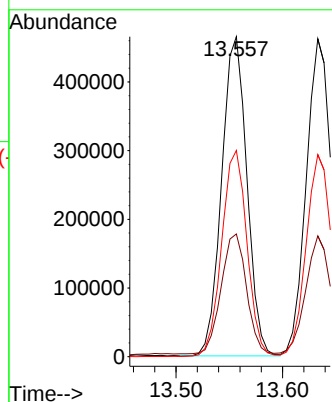
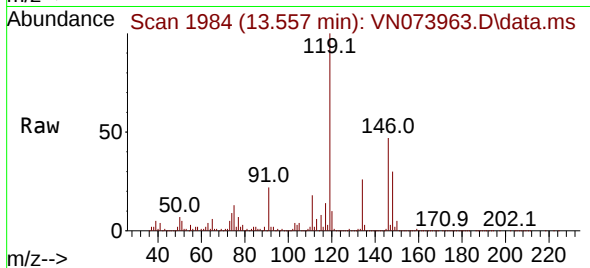
Ion	Ratio	Lower	Upper
146	100		
111	37.5	20.0	60.0
148	64.7	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#88

1,4-Dichlorobenzene

Concen: 47.019 ug/l

RT: 13.633 min Scan# 1997

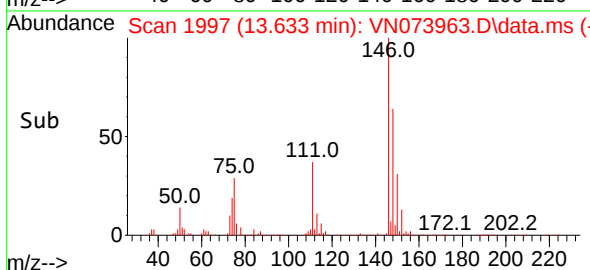
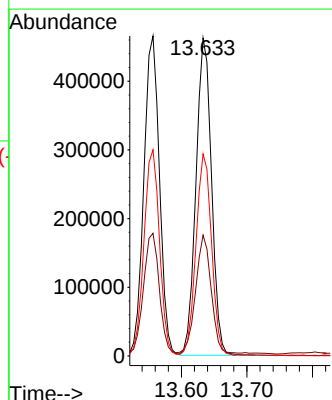
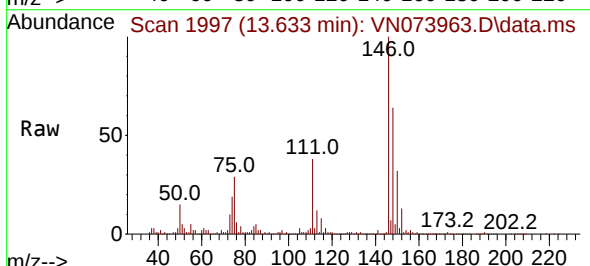
Delta R.T. 0.000 min

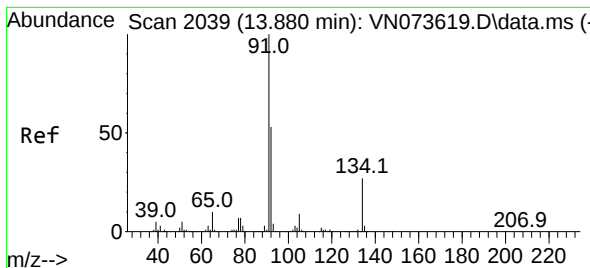
Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Tgt Ion:146 Resp: 763251

Ion	Ratio	Lower	Upper
146	100		
111	36.6	19.1	57.1
148	63.9	31.4	94.3





#89

n-Butylbenzene

Concen: 52.192 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 116594

Ion Ratio Lower Upper

91 100

92 54.0 26.9 80.7

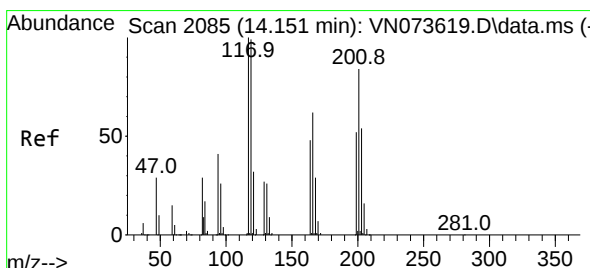
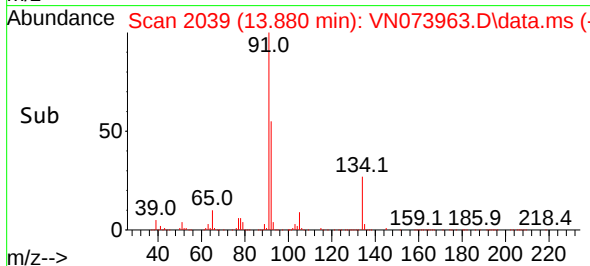
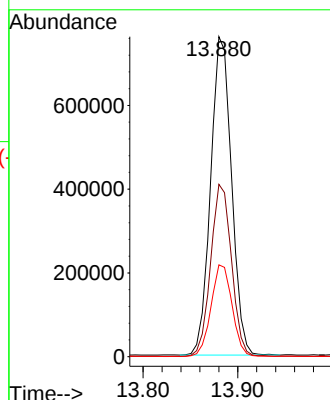
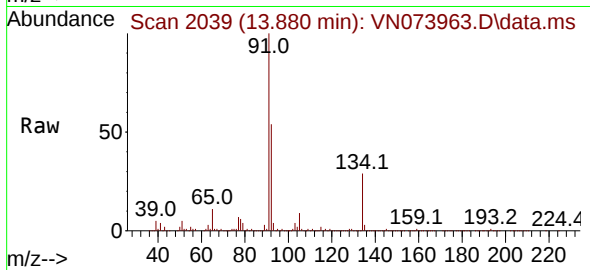
134 29.0 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#90

Hexachloroethane

Concen: 46.768 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. -0.000 min

Lab File: VN073963.D

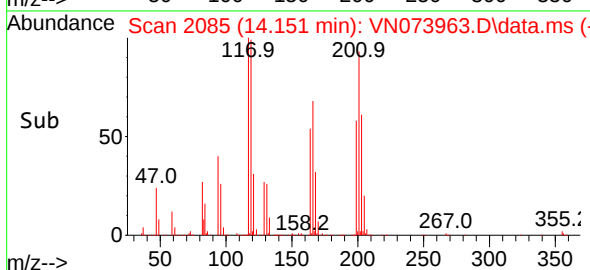
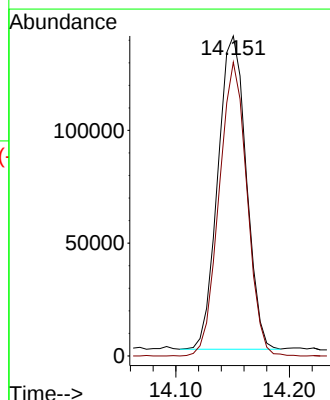
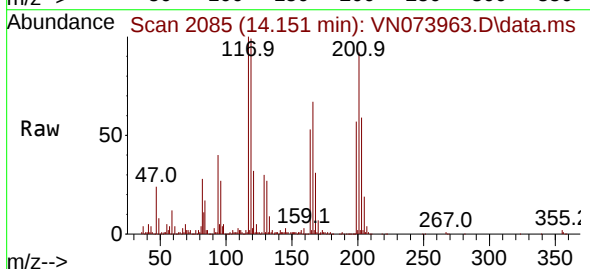
Acq: 16 Aug 2022 21:07

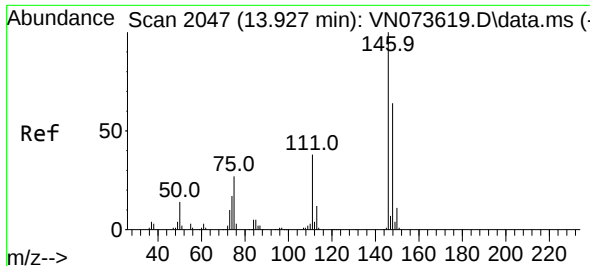
Tgt Ion:117 Resp: 241107

Ion Ratio Lower Upper

117 100

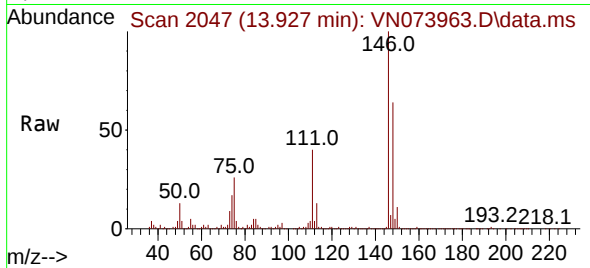
201 91.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 46.971 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

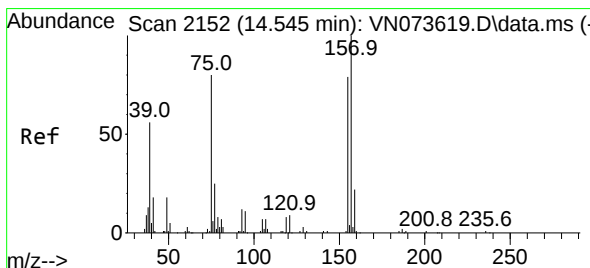
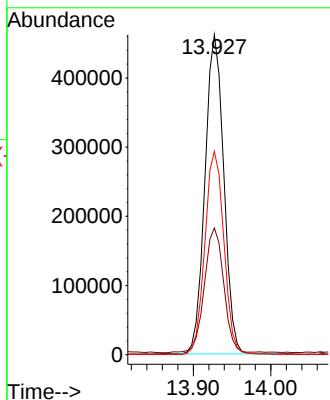
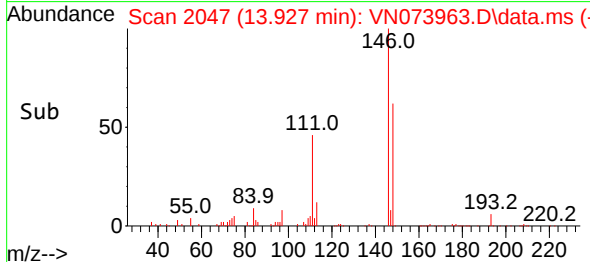
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 77691
Ion Ratio Lower Upper
146 100
111 40.1 20.9 62.8
148 64.7 32.1 96.3

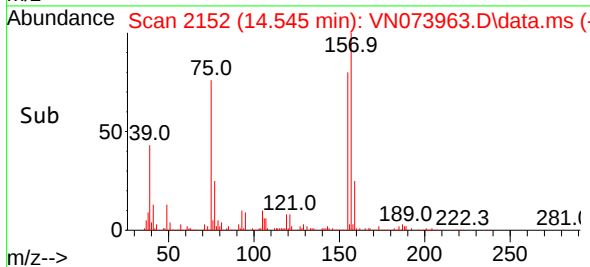
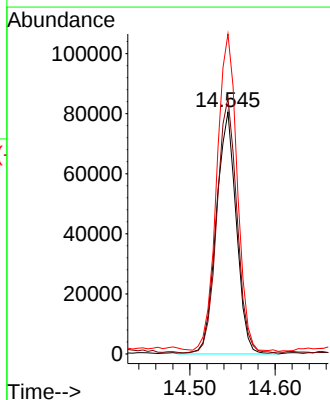
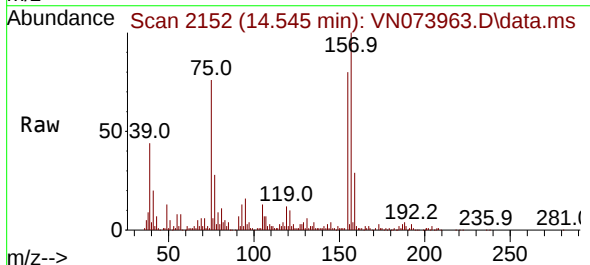
Manual Integrations
APPROVED

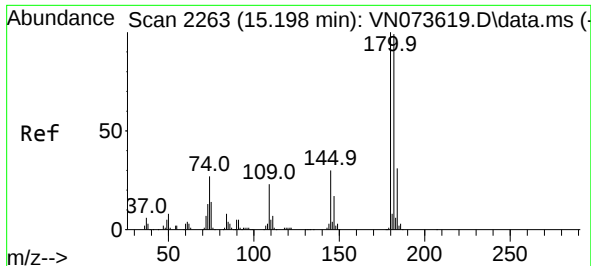
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.885 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

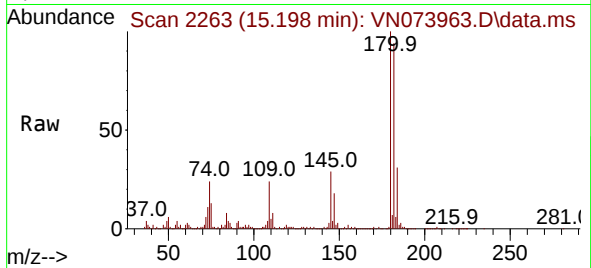
Tgt Ion: 75 Resp: 132167
Ion Ratio Lower Upper
75 100
155 104.5 44.9 134.5
157 132.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 50.997 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07

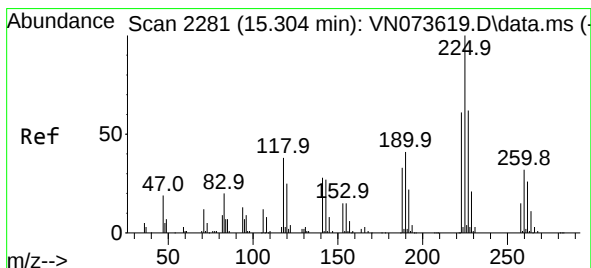
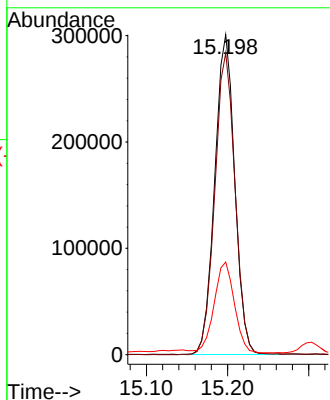
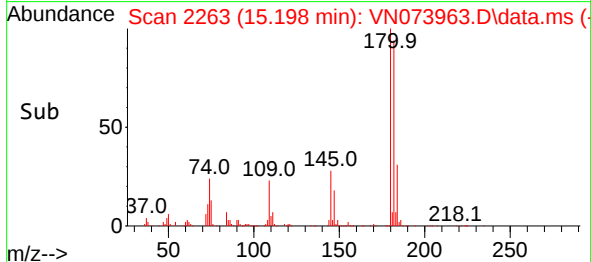
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



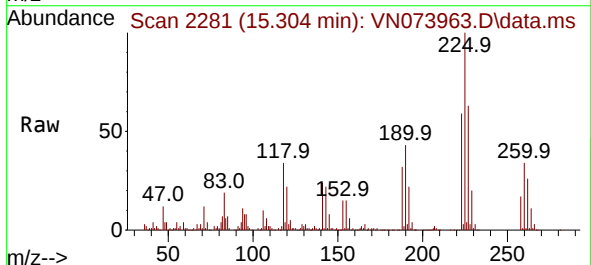
Tgt Ion:180 Resp: 51338
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 28.8 14.5 43.5

Manual Integrations
APPROVED

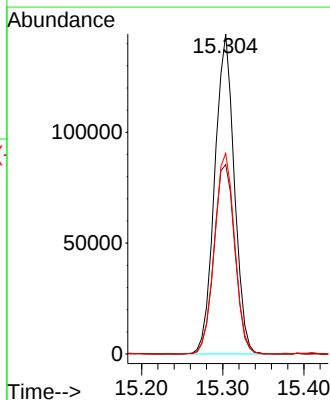
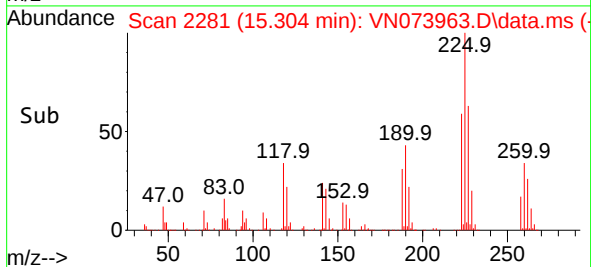
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

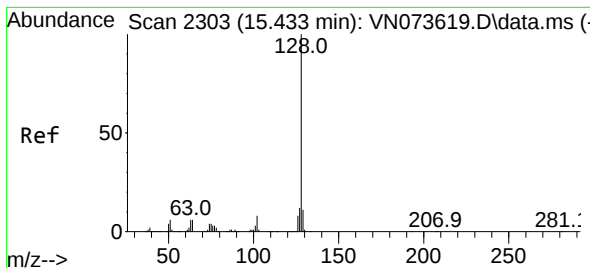


#94
Hexachlorobutadiene
Concen: 45.621 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.001 min
Lab File: VN073963.D
Acq: 16 Aug 2022 21:07



Tgt Ion:225 Resp: 242094
Ion Ratio Lower Upper
225 100
223 63.0 32.4 97.2
227 64.7 31.8 95.4





#95

Naphthalene

Concen: 54.162 ug/l

RT: 15.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073963.D

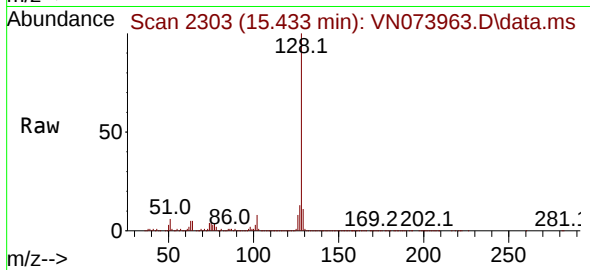
Acq: 16 Aug 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:128 Resp: 1777574

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

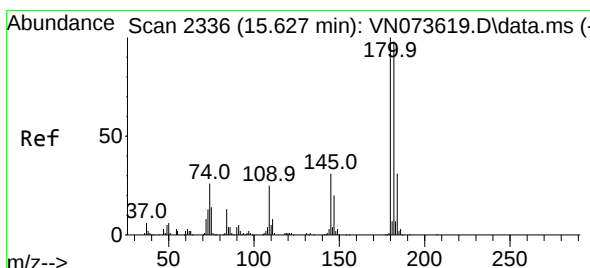
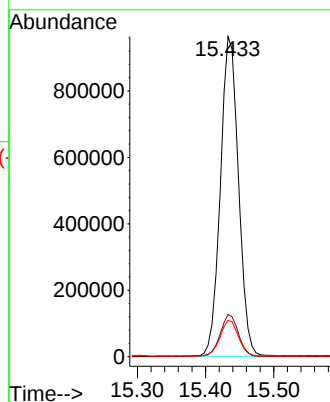
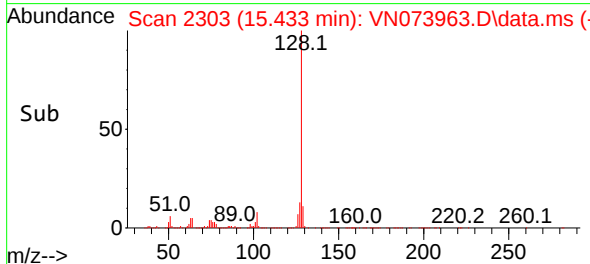
129 11.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#96

1,2,3-Trichlorobenzene

Concen: 50.174 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN073963.D

Acq: 16 Aug 2022 21:07

Tgt Ion:180 Resp: 522072

Ion Ratio Lower Upper

180 100

182 96.8 47.8 143.3

145 32.6 15.5 46.5

