

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073990.D
 Acq On : 17 Aug 2022 20:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2022
 Supervised By : Mahesh Dadoda 08/18/2022

Quant Time: Aug 18 00:52:21 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	606959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	911822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	823401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	419006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	320803	54.265	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.540%			
35) Dibromofluoromethane	7.951	113	281814	52.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	10.380	98	1088400	52.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.674	95	378309	54.581	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	238182	49.490	ug/l	100
3) Chloromethane	2.269	50	271511	50.732	ug/l	97
4) Vinyl Chloride	2.404	62	338753	49.305	ug/l	98
5) Bromomethane	2.787	94	204681	47.707	ug/l	99
6) Chloroethane	2.957	64	223190	45.984	ug/l	97
7) Trichlorofluoromethane	3.310	101	439468	49.585	ug/l	98
8) Diethyl Ether	3.763	74	168843	51.320	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.140	101	241122	46.833	ug/l	93
10) Methyl Iodide	4.351	142	301622	48.798	ug/l	97
11) Tert butyl alcohol	5.287	59	353656	267.442	ug/l	100
12) 1,1-Dichloroethene	4.110	96	236638	49.399	ug/l	94
13) Acrolein	3.981	56	270469	292.209	ug/l	99
14) Allyl chloride	4.763	41	360801	50.856	ug/l	99
15) Acrylonitrile	5.475	53	887158	274.794	ug/l	99
16) Acetone	4.222	43	737068	264.268	ug/l	100
17) Carbon Disulfide	4.457	76	547146	48.037	ug/l	99
18) Methyl Acetate	4.775	43	411773	59.558	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	896641	51.971	ug/l	96
20) Methylene Chloride	5.010	84	280783	47.708	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	256394	48.582	ug/l	92
22) Diisopropyl ether	6.410	45	806856	53.640	ug/l	99
23) Vinyl Acetate	6.351	43	3504484	271.867	ug/l	99
24) 1,1-Dichloroethane	6.304	63	481786	51.456	ug/l	98
25) 2-Butanone	7.257	43	1211579	273.965	ug/l	98
26) 2,2-Dichloropropane	7.251	77	303608	34.513	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	325835	50.041	ug/l	91
28) Bromochloromethane	7.586	49	170893	49.486	ug/l	90
29) Tetrahydrofuran	7.610	42	777769	274.164	ug/l	97
30) Chloroform	7.745	83	522658	49.920	ug/l	98
31) Cyclohexane	8.022	56	407774	49.480	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	468502	50.460	ug/l	97
36) 1,1-Dichloropropene	8.151	75	366776	48.969	ug/l	98
37) Ethyl Acetate	7.339	43	454116	50.046	ug/l	98
38) Carbon Tetrachloride	8.133	117	404253	47.219	ug/l	100
39) Methylcyclohexane	9.398	83	447156	47.646	ug/l	95
40) Benzene	8.392	78	1148837	48.599	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	194382	47.403	ug/l	94
42) 1,2-Dichloroethane	8.463	62	401534	49.400	ug/l	99
43) Isopropyl Acetate	8.492	43	666263	51.542	ug/l	98
44) Trichloroethene	9.151	130	319454	46.788	ug/l	97
45) 1,2-Dichloropropane	9.427	63	285933	50.464	ug/l	99
46) Dibromomethane	9.516	93	210958	48.971	ug/l	94
47) Bromodichloromethane	9.698	83	409445	49.729	ug/l	100
48) Methyl methacrylate	9.498	41	298101	53.895	ug/l	91
49) 1,4-Dioxane	9.504	88	165090	1003.689	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	2339580	267.697	ug/l	99
52) Toluene	10.445	92	756678	46.680	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	422494	48.900	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	457711	48.419	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	315221	49.991	ug/l	99
56) Ethyl methacrylate	10.704	69	502228	55.844	ug/l	95
57) 1,3-Dichloropropane	10.986	76	522941	51.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1112500	265.051	ug/l	97
59) 2-Hexanone	11.027	43	1830956	272.216	ug/l	99
60) Dibromochloromethane	11.180	129	349742	50.156	ug/l	100
61) 1,2-Dibromoethane	11.286	107	334217	49.556	ug/l	100
64) Tetrachloroethene	10.916	164	286503	44.085	ug/l	97
65) Chlorobenzene	11.710	112	841356	48.079	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	323606	48.835	ug/l	98
67) Ethyl Benzene	11.786	91	1455472	50.013	ug/l	99
68) m/p-Xylenes	11.892	106	1149159	97.185	ug/l	99
69) o-Xylene	12.221	106	581130	49.009	ug/l	97
70) Styrene	12.233	104	946483	50.985	ug/l	99
71) Bromoform	12.398	173	290445	49.092	ug/l	99
73) Isopropylbenzene	12.521	105	1497562	49.083	ug/l	100
74) N-amyl acetate	12.327	43	561684	48.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	504527	49.277	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	376665m	43.250	ug/l	
77) Bromobenzene	12.804	156	388454	47.036	ug/l	92
78) n-propylbenzene	12.863	91	1619261	49.788	ug/l	98
79) 2-Chlorotoluene	12.951	91	991658	48.928	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	1244479	50.146	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	142644	46.585	ug/l	96
82) 4-Chlorotoluene	13.045	91	968309	50.302	ug/l	96
83) tert-Butylbenzene	13.263	119	1165954	51.055	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	1247521	50.339	ug/l	99
85) sec-Butylbenzene	13.439	105	1530156	51.690	ug/l	98
86) p-Isopropyltoluene	13.557	119	1306509	51.807	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	692000	48.317	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	676259	46.592	ug/l	98
89) n-Butylbenzene	13.886	91	992900	49.707	ug/l	99
90) Hexachloroethane	14.151	117	227589	49.372	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	698489	47.229	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	116907	48.359	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	430240	47.797	ug/l	100
94) Hexachlorobutadiene	15.304	225	215400	45.396	ug/l	98
95) Naphthalene	15.433	128	1471649	50.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	446712	48.013	ug/l	99

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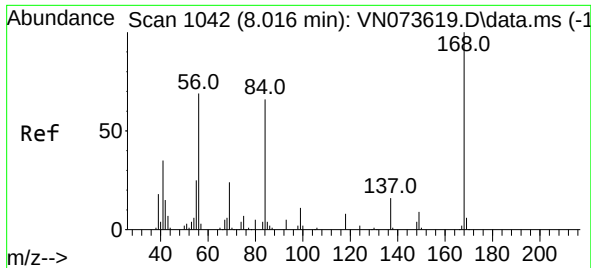
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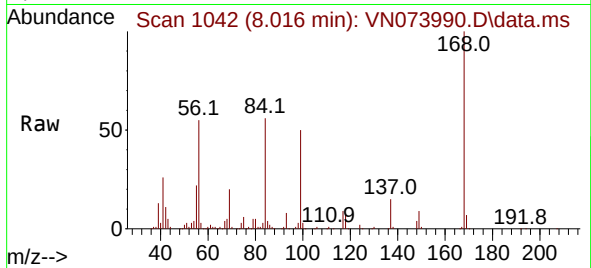
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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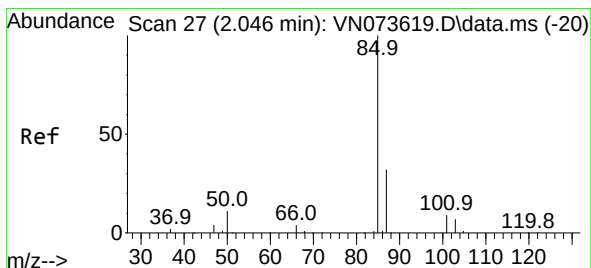
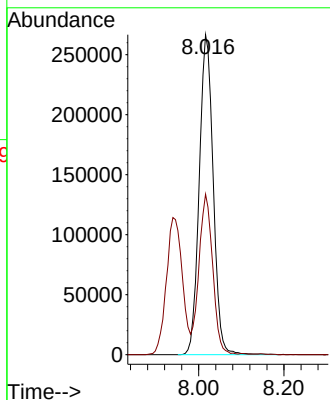
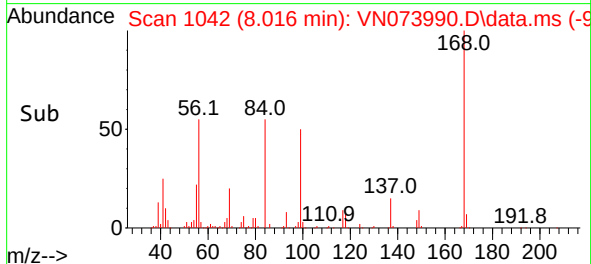
Instrument :
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Tgt Ion:168 Resp: 60695
Ion Ratio Lower Upper
168 100
99 50.1 42.3 63.5

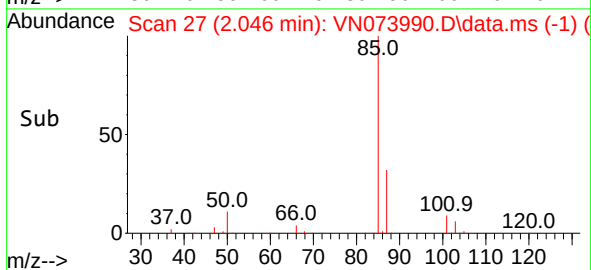
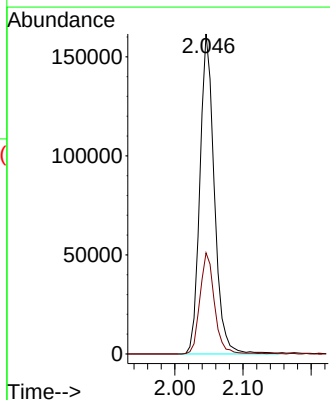
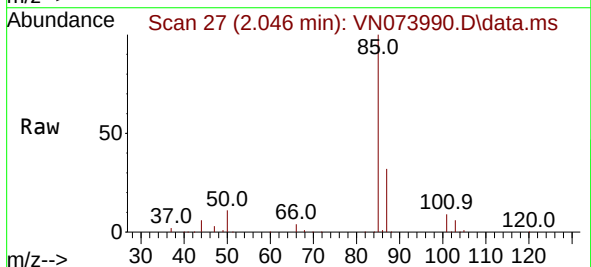
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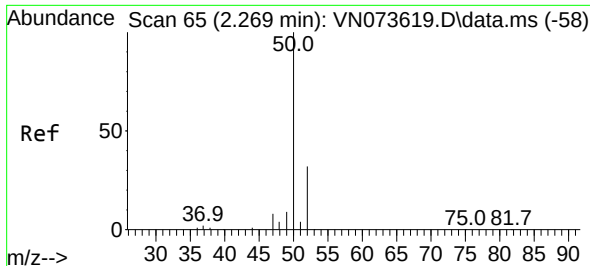
Reviewed By :John Carlone 08/18/2022
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#2
Dichlorodifluoromethane
Concen: 49.490 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

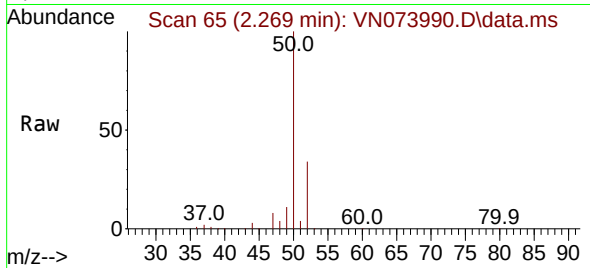
Tgt Ion: 85 Resp: 238182
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.1





#3
Chloromethane
Concen: 50.732 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

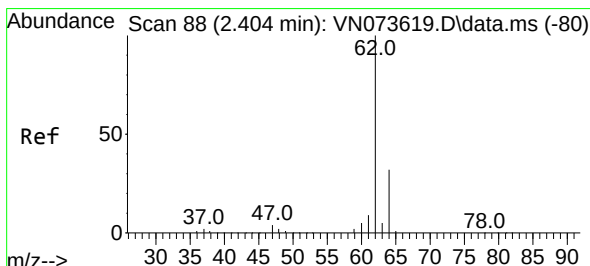
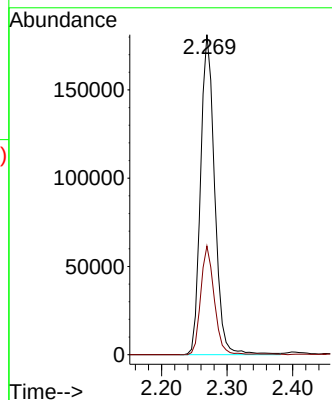
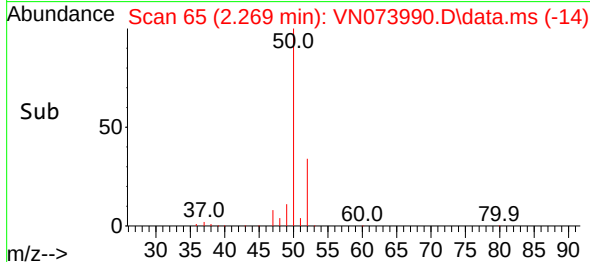
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Tgt Ion: 50 Resp: 27151
Ion Ratio Lower Upper
50 100
52 34.0 25.7 38.5

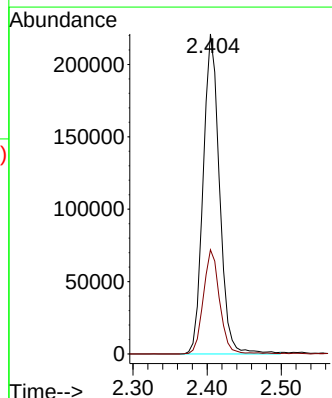
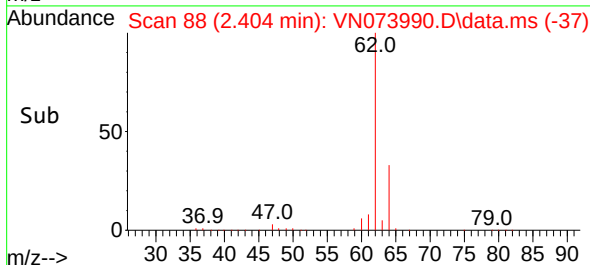
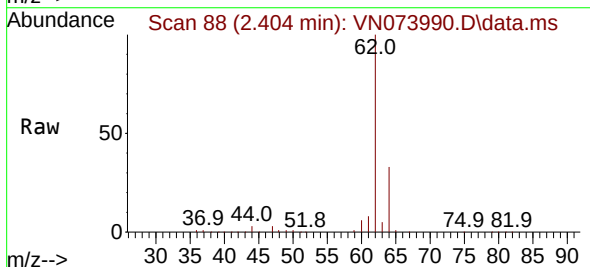
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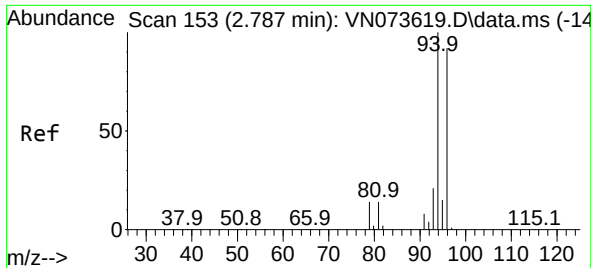
Reviewed By :John Carlone 08/18/2022
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#4
Vinyl Chloride
Concen: 49.305 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073990.D
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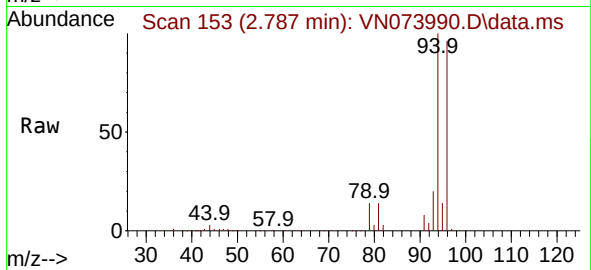
Tgt Ion: 62 Resp: 338753
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.4





#5
Bromomethane
Concen: 47.707 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

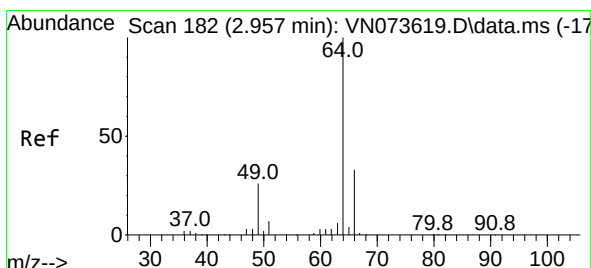
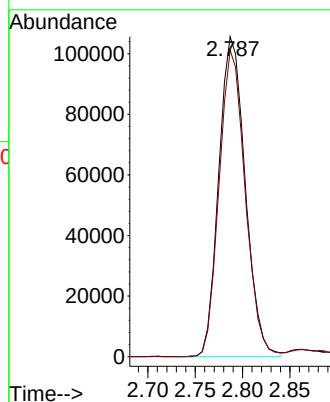
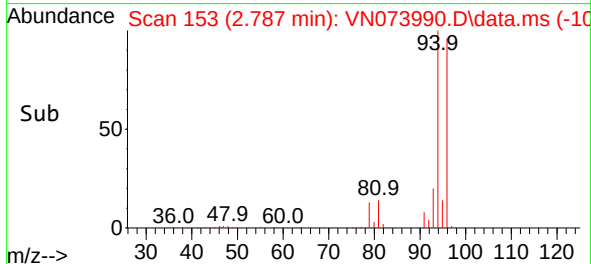
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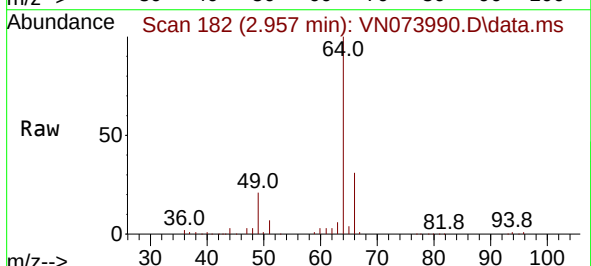
Tgt Ion: 94 Resp: 20468
Ion Ratio Lower Upper
94 100
96 95.7 76.0 114.0

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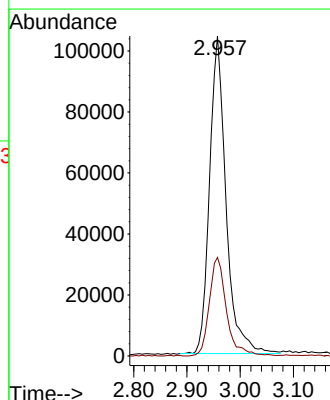
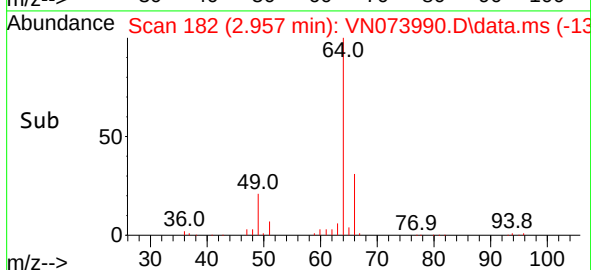
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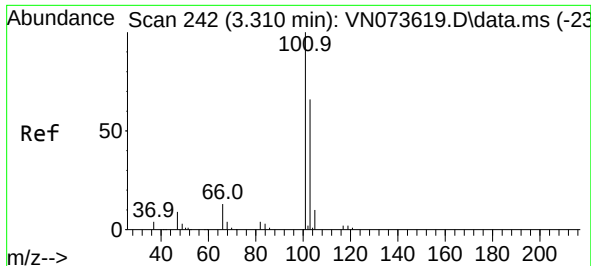


#6
Chloroethane
Concen: 45.984 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073990.D
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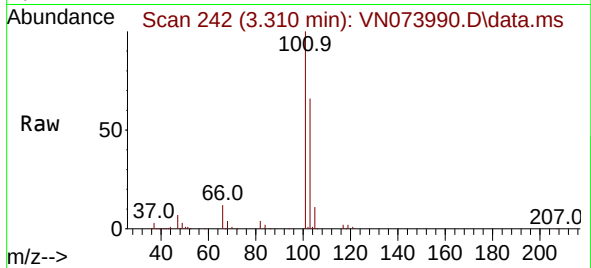
Tgt Ion: 64 Resp: 223190
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 49.585 ug/l
RT: 3.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: VN073990.D
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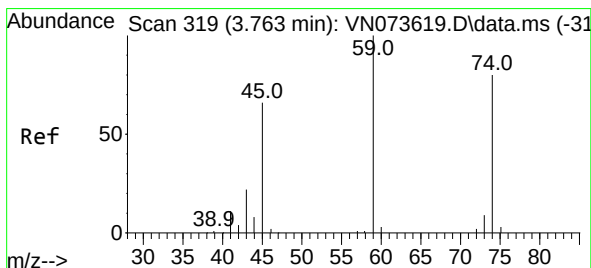
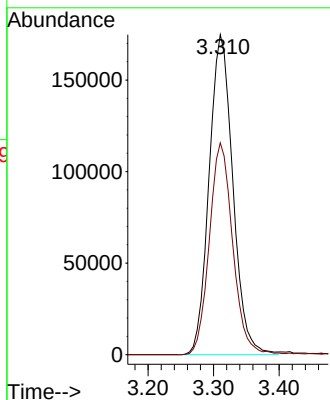
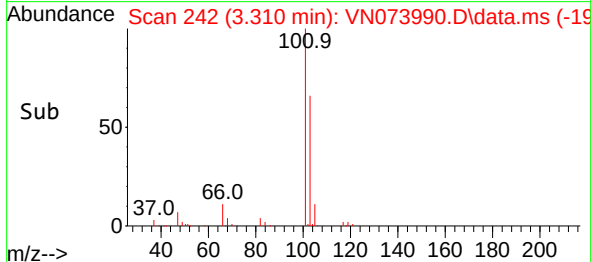
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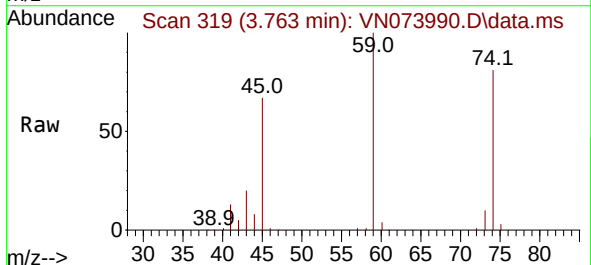
Tgt Ion:101 Resp: 439468
Ion Ratio Lower Upper
101 100
103 66.2 51.5 77.3

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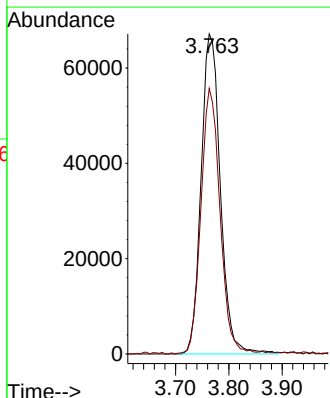
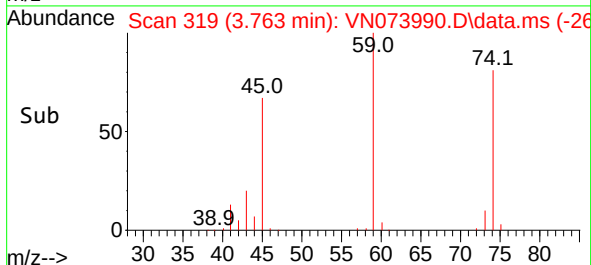
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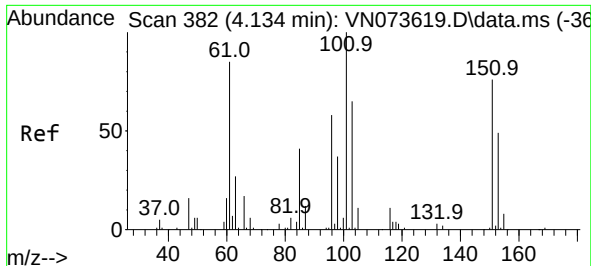


#8
Diethyl Ether
Concen: 51.320 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 168843
Ion Ratio Lower Upper
74 100
45 82.2 42.9 128.5





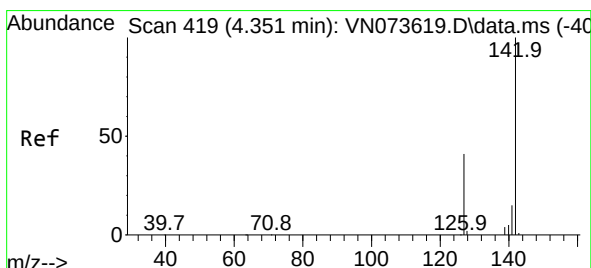
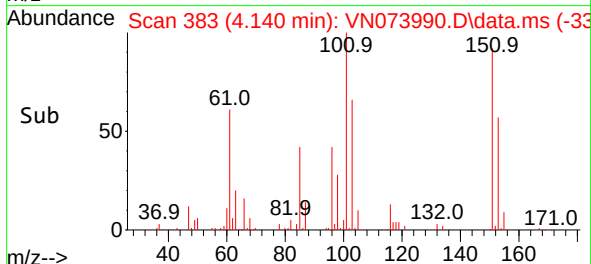
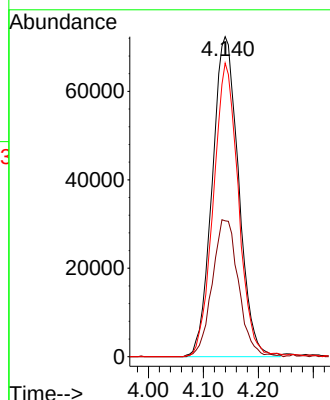
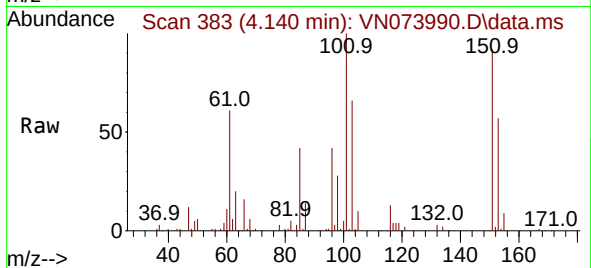
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.833 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 24112
Ion Ratio Lower Upper
101 100
85 42.6 34.7 52.1
151 87.2 63.0 94.4

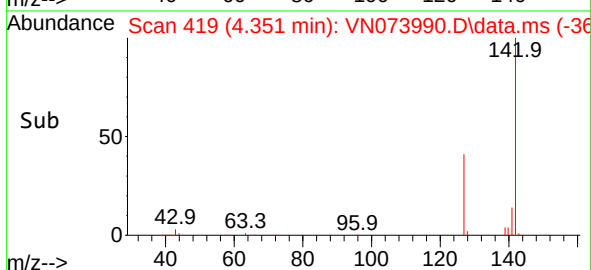
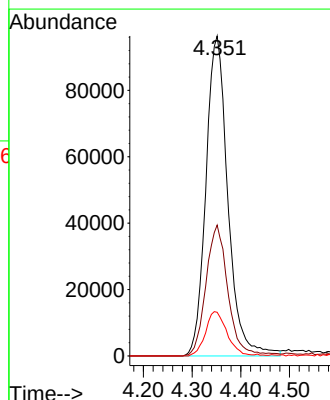
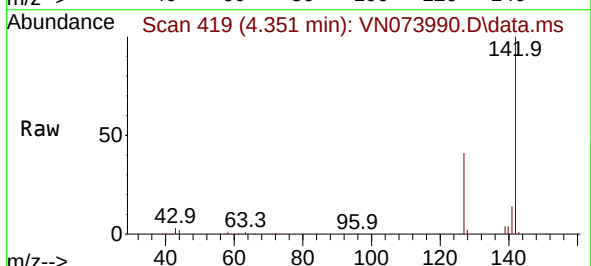
Manual Integrations
APPROVED

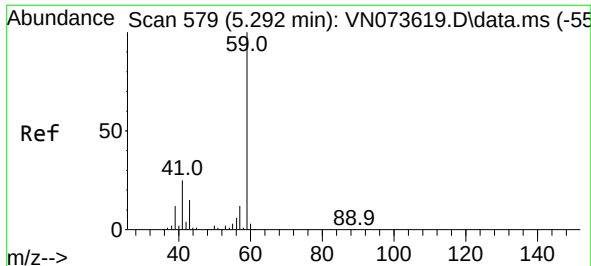
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#10
Methyl Iodide
Concen: 48.798 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Tgt Ion:142 Resp: 301622
Ion Ratio Lower Upper
142 100
127 41.1 31.3 46.9
141 13.6 11.2 16.8





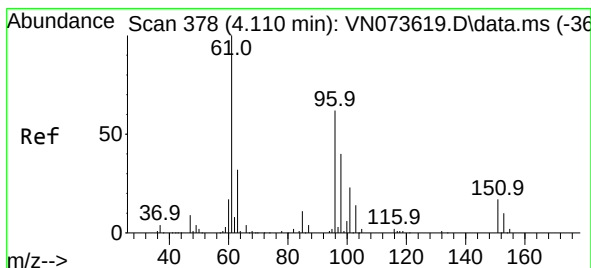
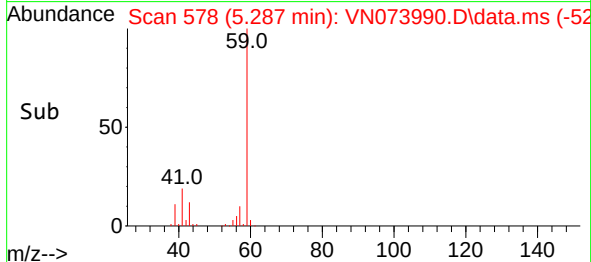
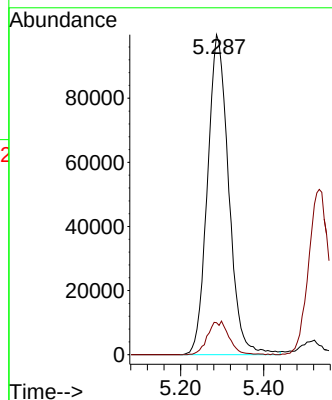
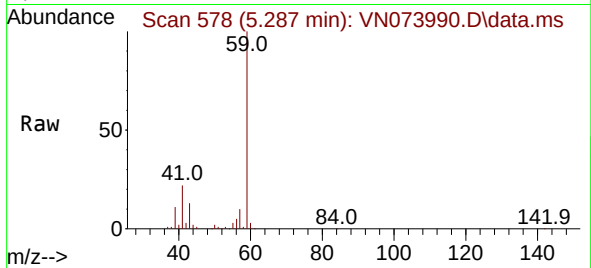
#11
Tert butyl alcohol
Concen: 267.442 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 353650
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

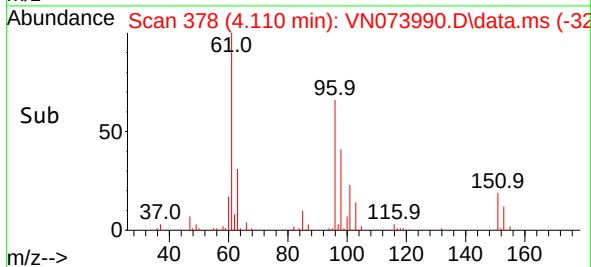
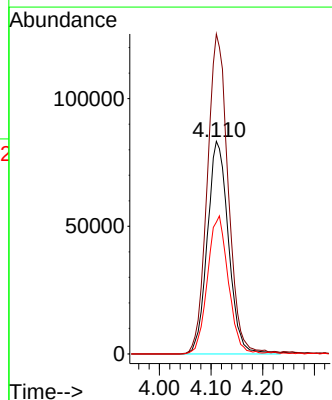
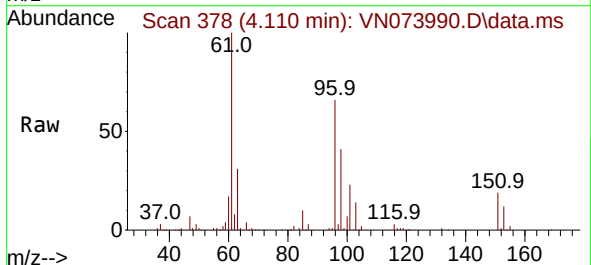
Manual Integrations
APPROVED

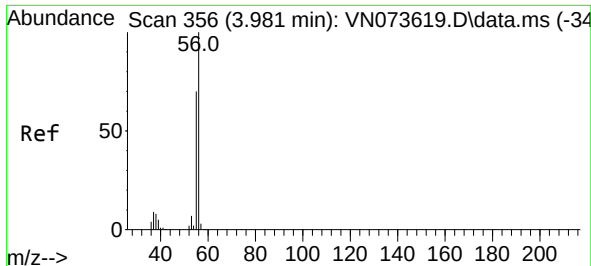
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#12
1,1-Dichloroethene
Concen: 49.399 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

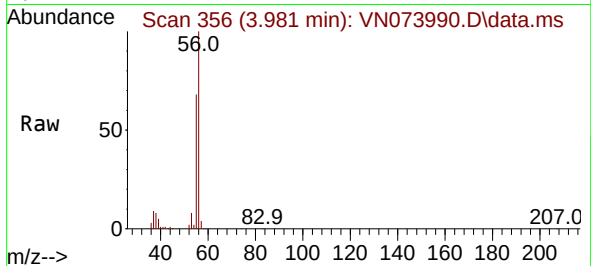
Tgt Ion: 96 Resp: 236638
Ion Ratio Lower Upper
96 100
61 150.5 127.6 191.4
98 62.0 51.2 76.8





#13
Acrolein
Concen: 292.209 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

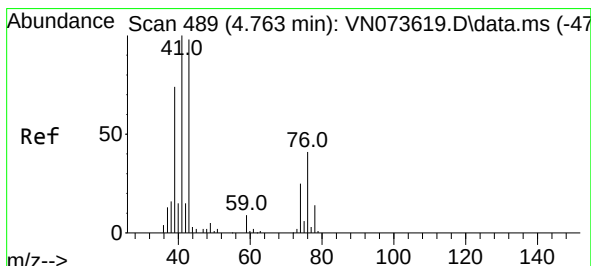
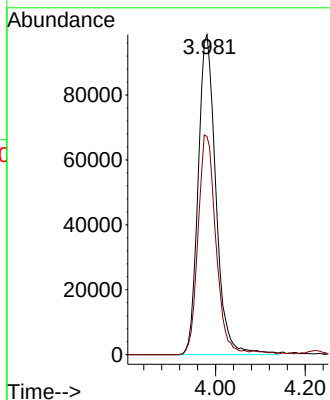
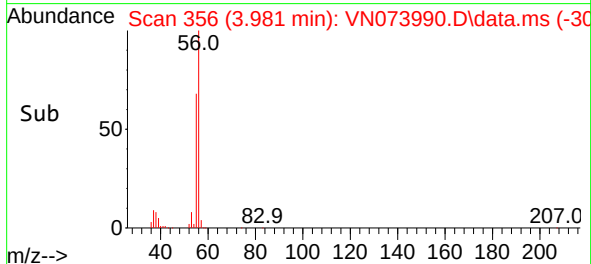
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 270469
Ion Ratio Lower Upper
56 100
55 69.1 54.8 82.2

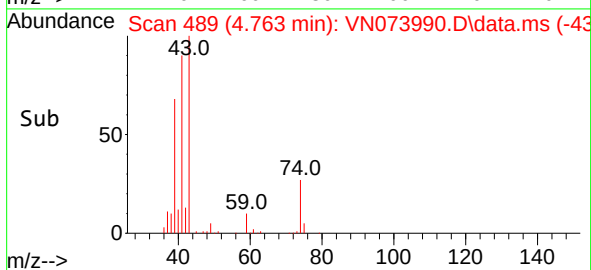
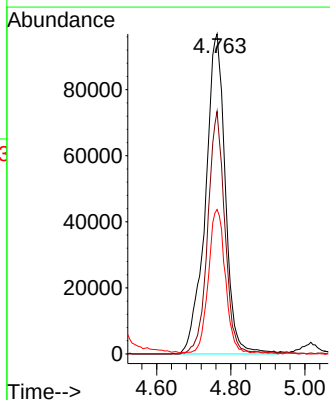
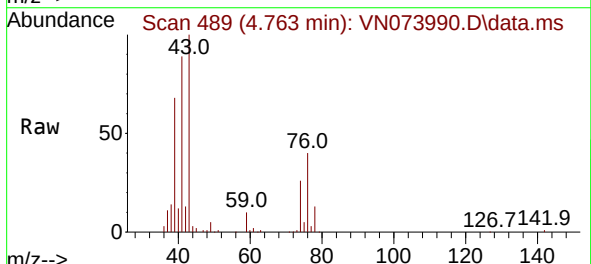
Manual Integrations
APPROVED

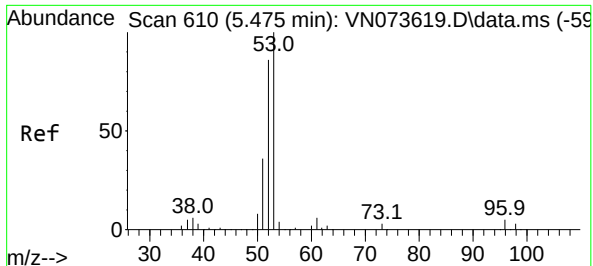
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#14
Allyl chloride
Concen: 50.856 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

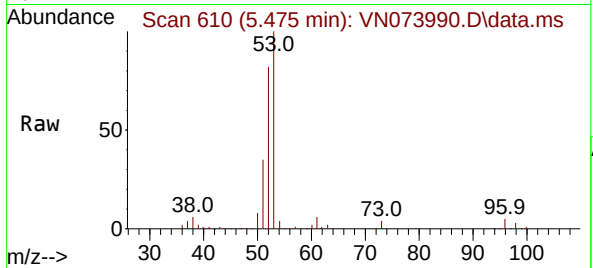
Tgt Ion: 41 Resp: 360801
Ion Ratio Lower Upper
41 100
39 65.0 53.2 79.8
76 37.5 29.9 44.9





#15
Acrylonitrile
Concen: 274.794 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

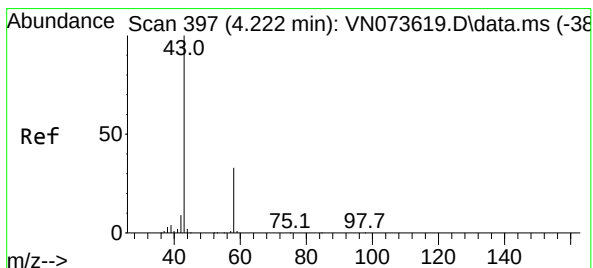
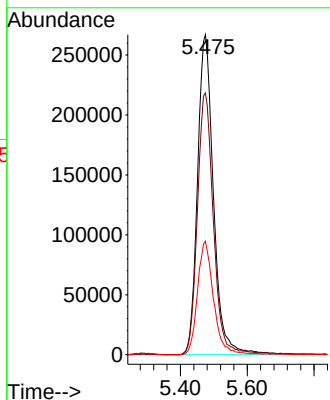
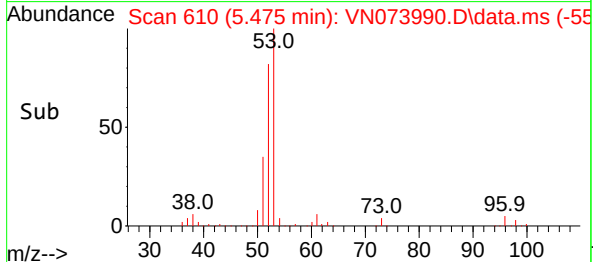
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



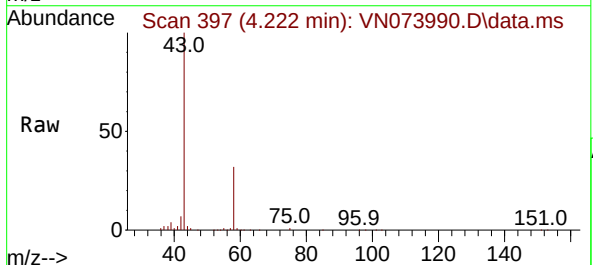
Tgt Ion: 53 Resp: 887158
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 35.5 28.5 42.7

Manual Integrations
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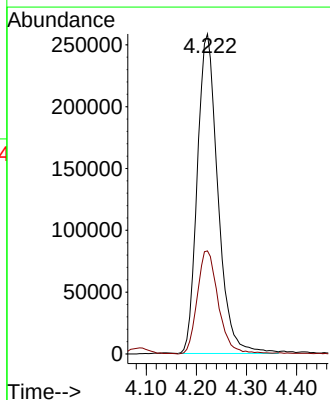
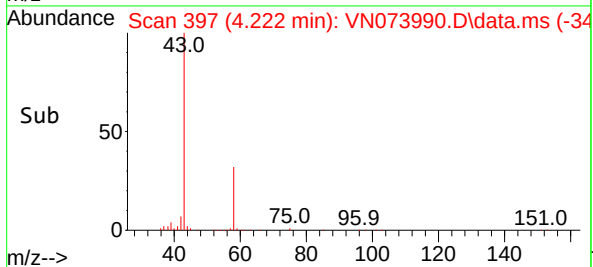
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

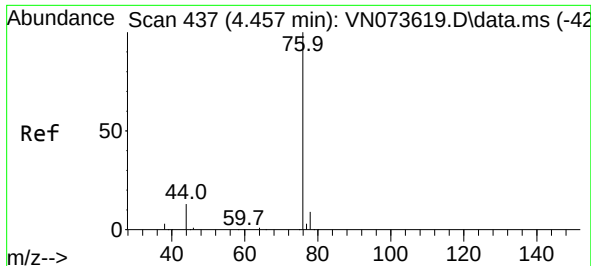


#16
Acetone
Concen: 264.268 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



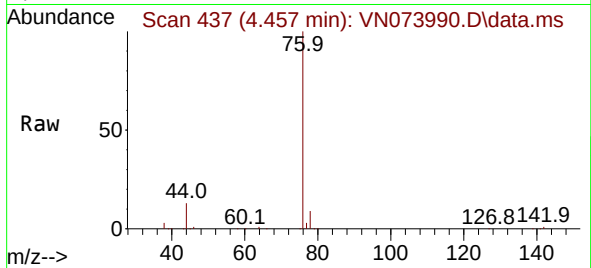
Tgt Ion: 43 Resp: 737068
Ion Ratio Lower Upper
43 100
58 32.3 26.0 39.0





#17
Carbon Disulfide
Concen: 48.037 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

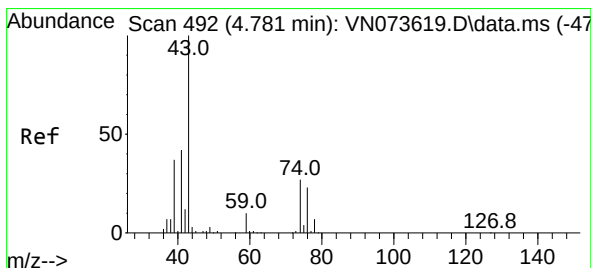
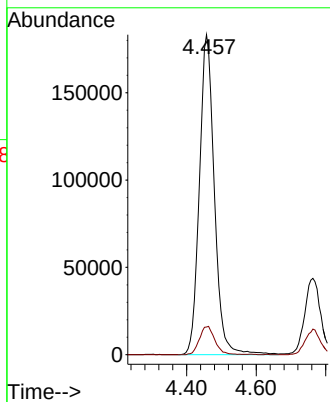
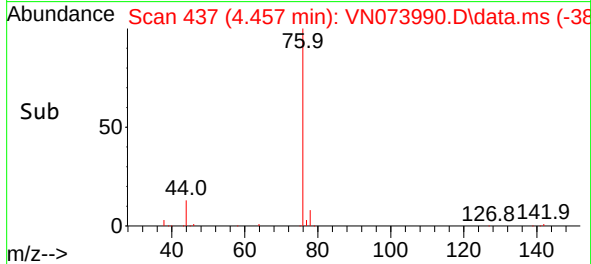
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 547140
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

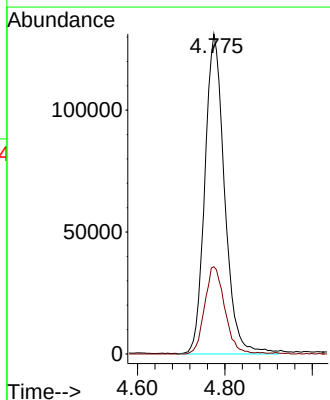
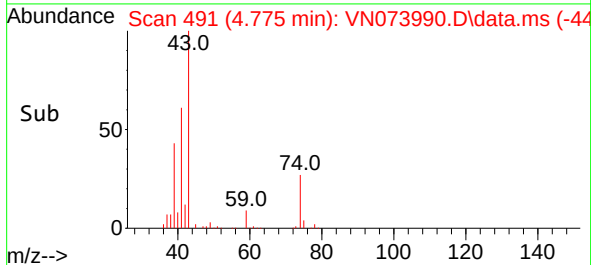
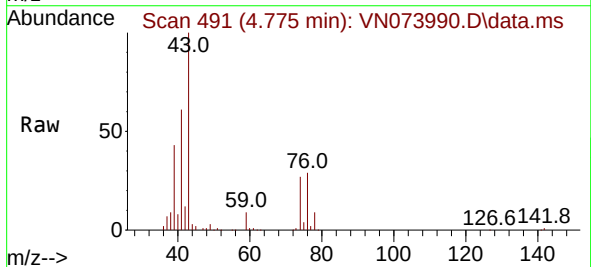
Manual Integrations
APPROVED

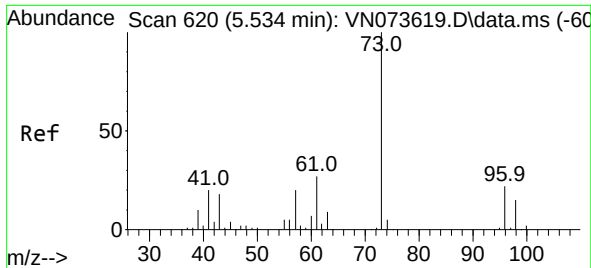
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#18
Methyl Acetate
Concen: 59.558 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

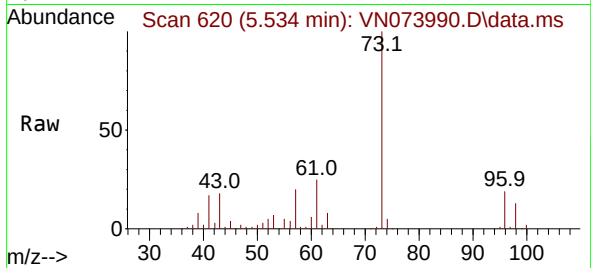
Tgt Ion: 43 Resp: 411773
Ion Ratio Lower Upper
43 100
74 27.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 51.971 ug/l
RT: 5.534 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

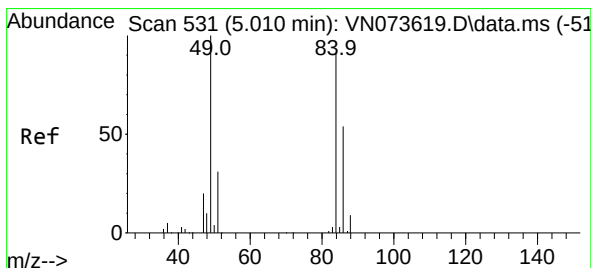
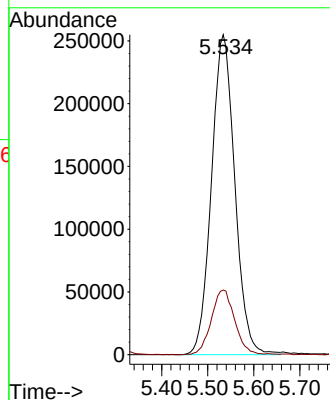
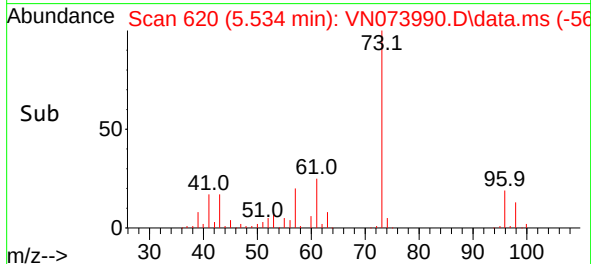
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 89664
Ion Ratio Lower Upper
73 100
57 20.2 17.6 26.4

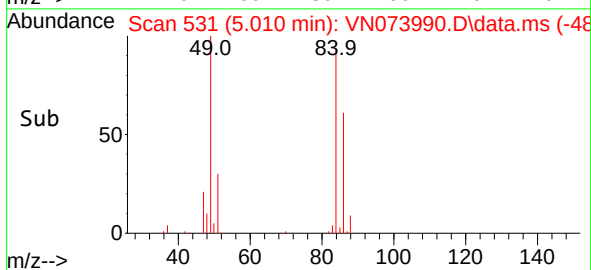
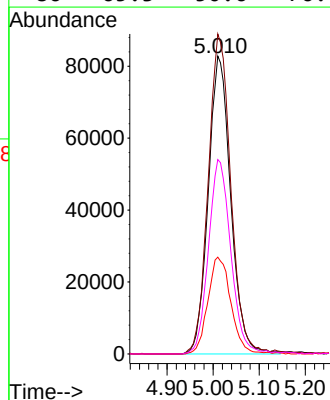
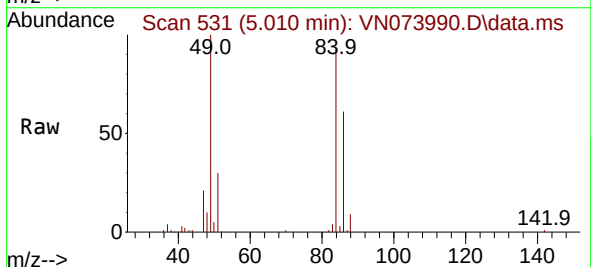
Manual Integrations
APPROVED

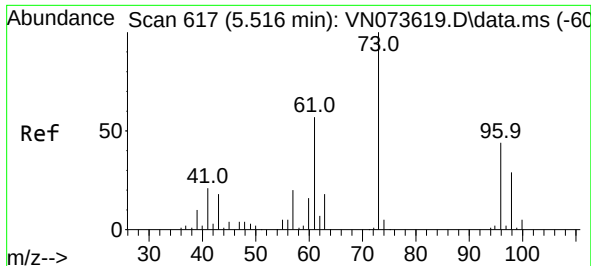
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#20
Methylene Chloride
Concen: 47.708 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

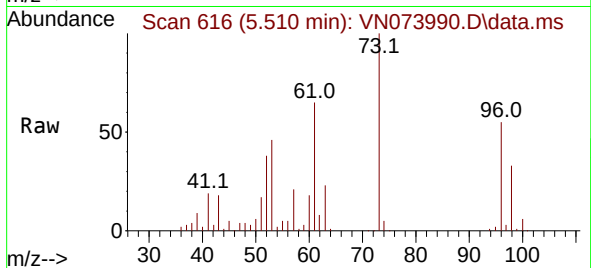
Tgt Ion: 84 Resp: 280783
Ion Ratio Lower Upper
84 100
49 107.4 88.3 132.5
51 32.5 28.2 42.2
86 65.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.582 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

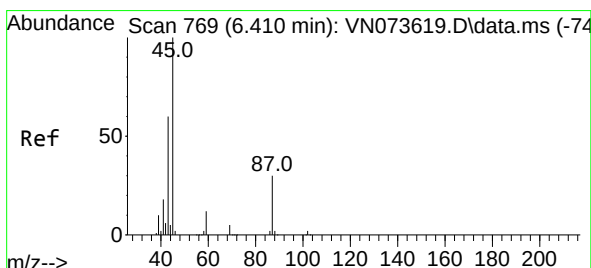
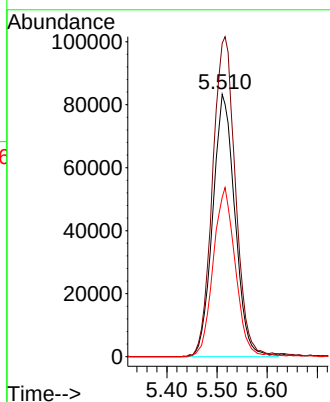
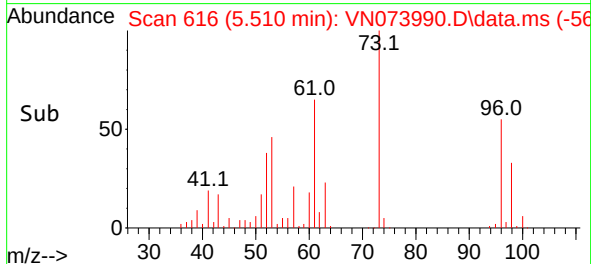
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 256394
Ion Ratio Lower Upper
96 100
61 119.4 105.8 158.8
98 60.7 50.3 75.5

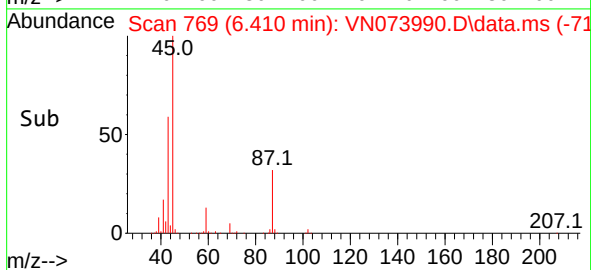
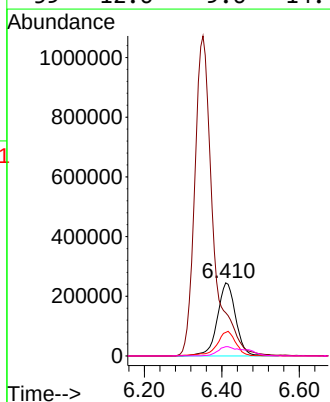
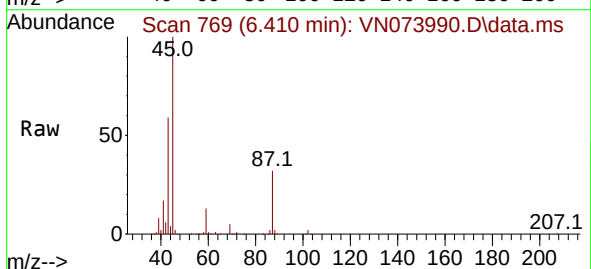
Manual Integrations
APPROVED

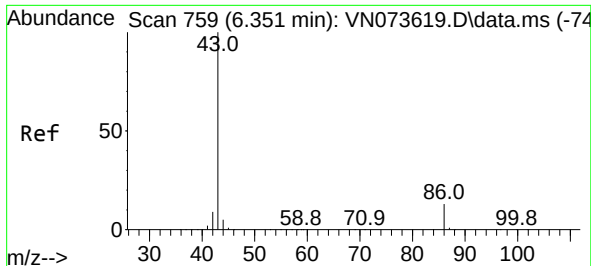
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#22
Diisopropyl ether
Concen: 53.640 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Tgt Ion: 45 Resp: 806856
Ion Ratio Lower Upper
45 100
43 58.1 46.6 70.0
87 32.0 24.3 36.5
59 12.6 9.6 14.4





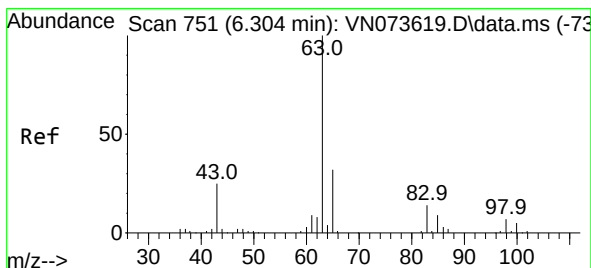
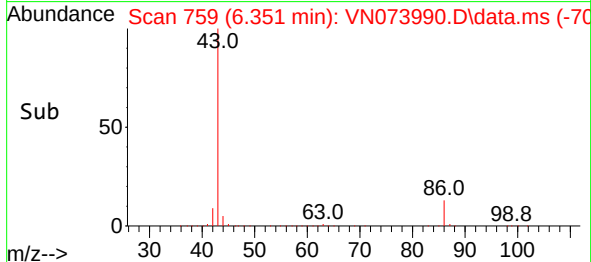
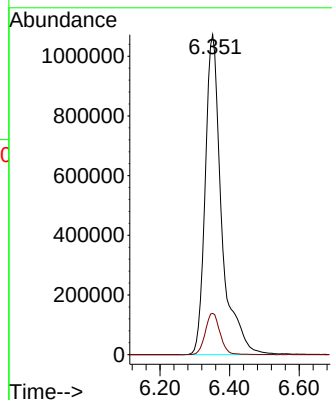
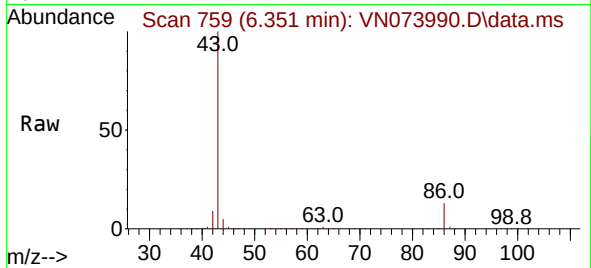
#23
 Vinyl Acetate
 Concen: 271.867 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073990.D
 Acq: 17 Aug 2022 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 350448
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.0 15.0

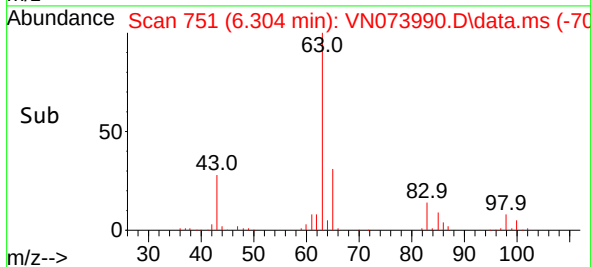
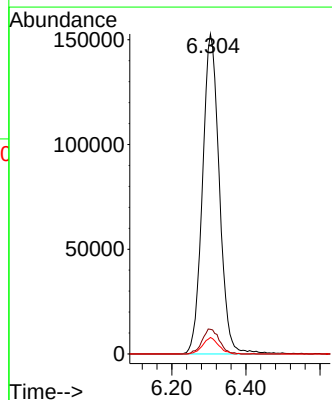
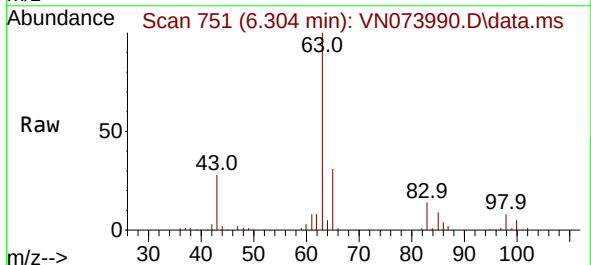
Manual Integrations
 APPROVED

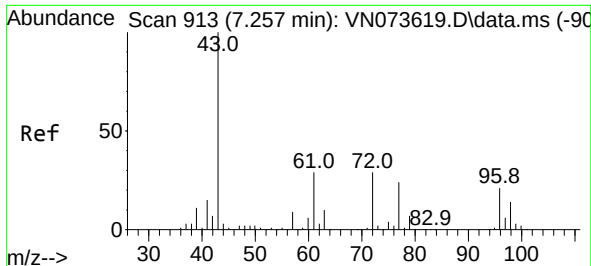
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#24
 1,1-Dichloroethane
 Concen: 51.456 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073990.D
 Acq: 17 Aug 2022 20:52

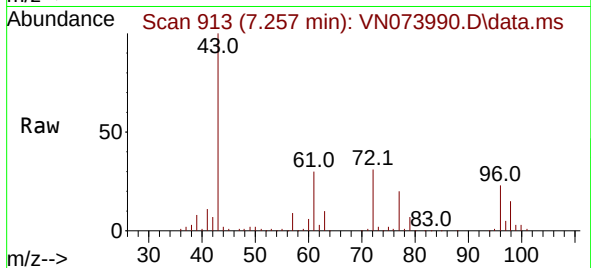
Tgt Ion: 63 Resp: 481786
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 5.2 2.3 6.8





#25
2-Butanone
Concen: 273.965 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

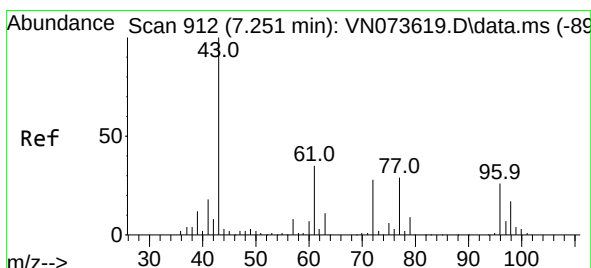
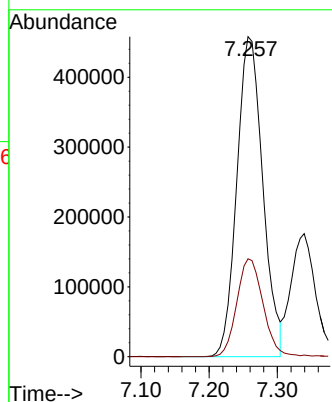
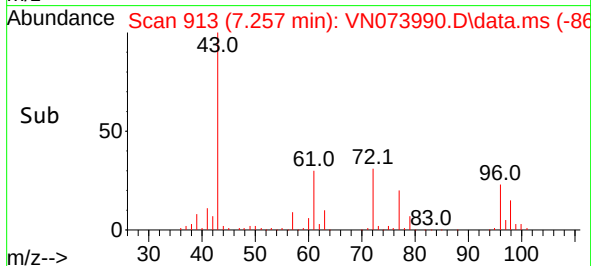
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1211579
Ion Ratio Lower Upper
43 100
72 30.6 23.7 35.5

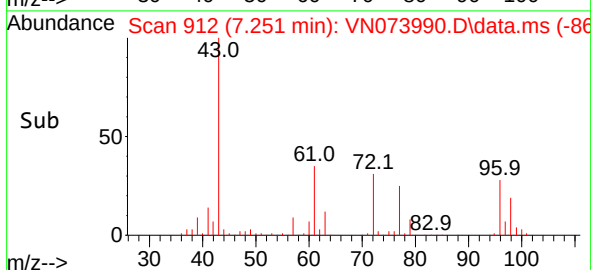
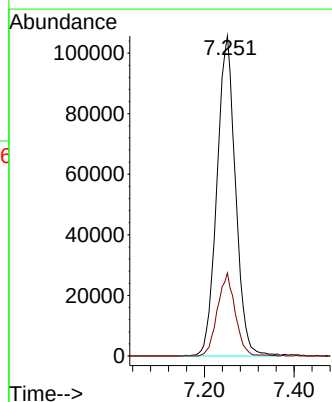
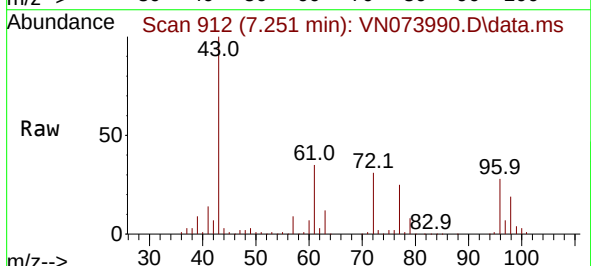
Manual Integrations
APPROVED

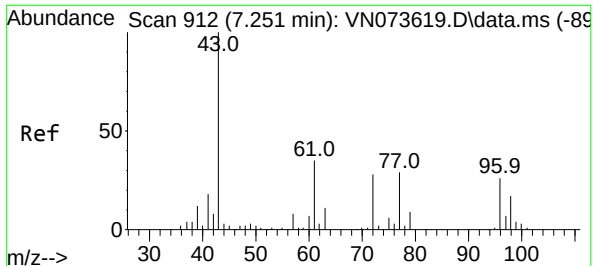
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#26
2,2-Dichloropropane
Concen: 34.513 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

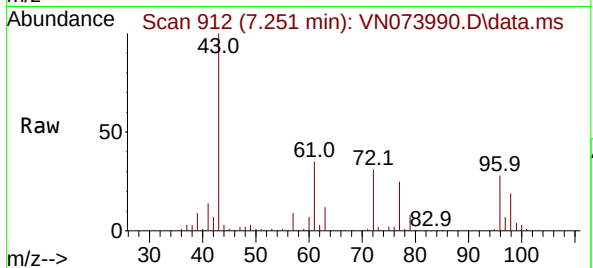
Tgt Ion: 77 Resp: 303608
Ion Ratio Lower Upper
77 100
97 24.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 50.041 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN073990.D
 Acq: 17 Aug 2022 20:52

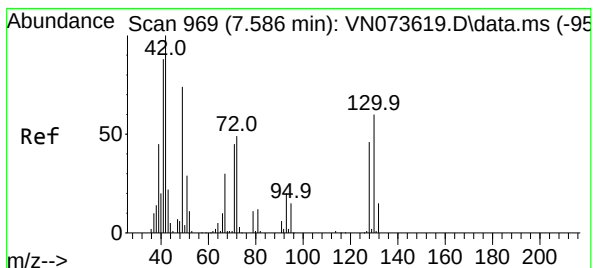
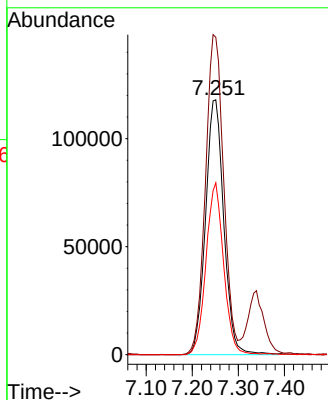
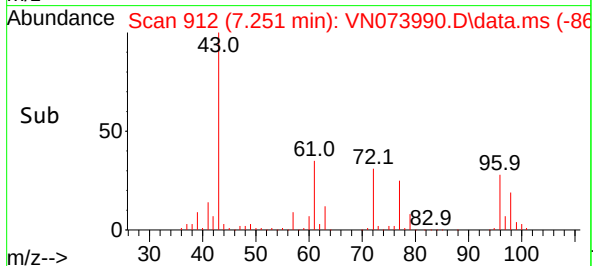
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 325835
 Ion Ratio Lower Upper
 96 100
 61 124.8 0.0 280.6
 98 65.1 0.0 128.4

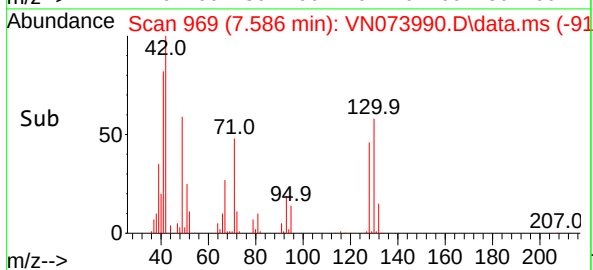
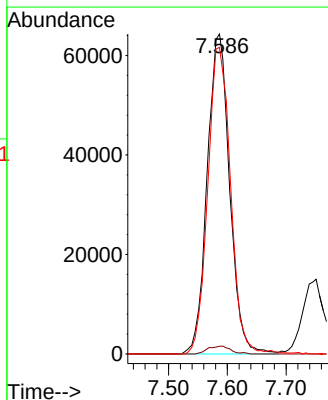
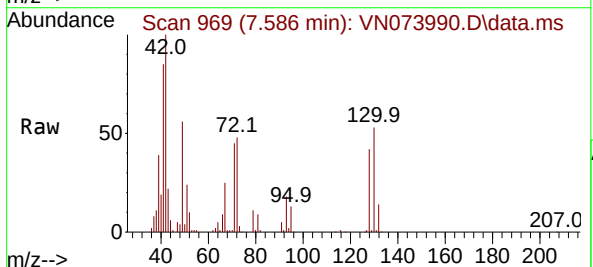
Manual Integrations
 APPROVED

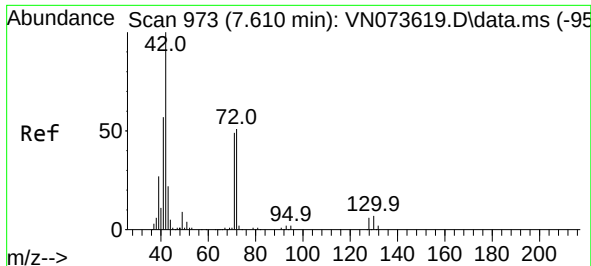
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#28
 Bromochloromethane
 Concen: 49.486 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073990.D
 Acq: 17 Aug 2022 20:52

Tgt Ion: 49 Resp: 170893
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 96.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 274.164 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 777769

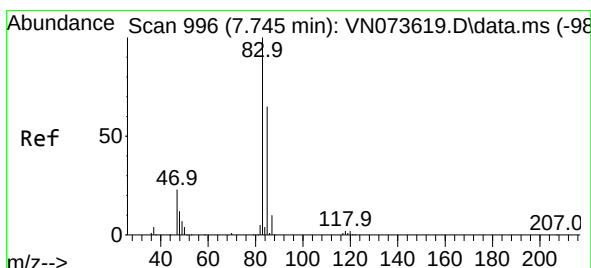
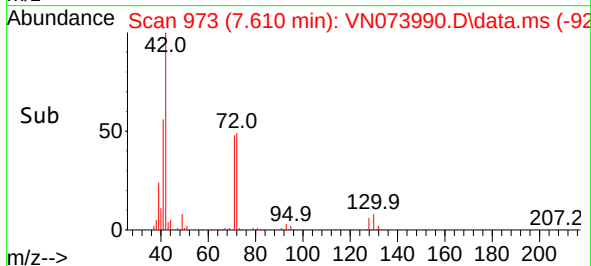
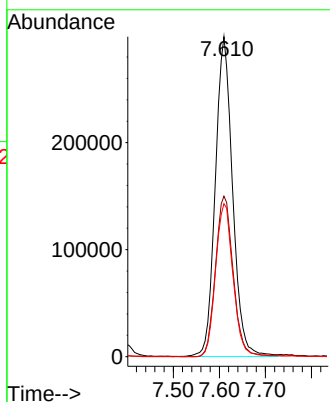
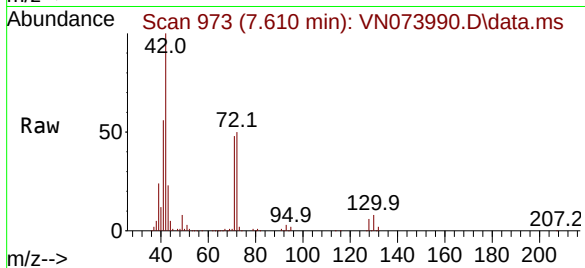
Ion	Ratio	Lower	Upper
42	100		
72	51.2	39.7	59.5
71	48.5	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#30

Chloroform

Concen: 49.920 ug/l

RT: 7.745 min Scan# 996

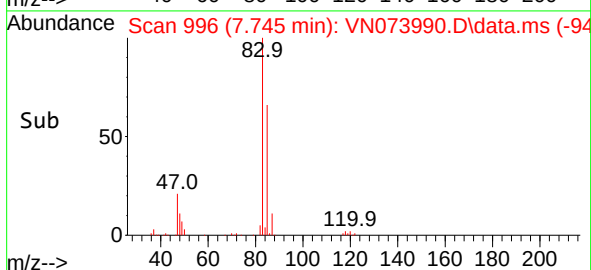
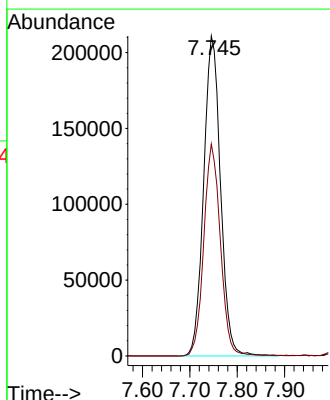
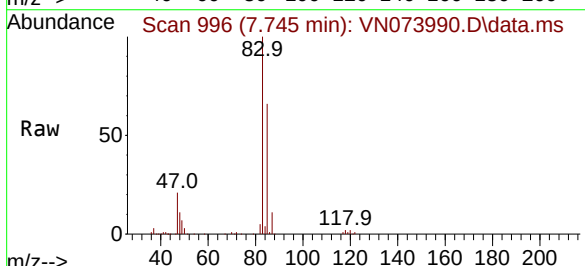
Delta R.T. 0.000 min

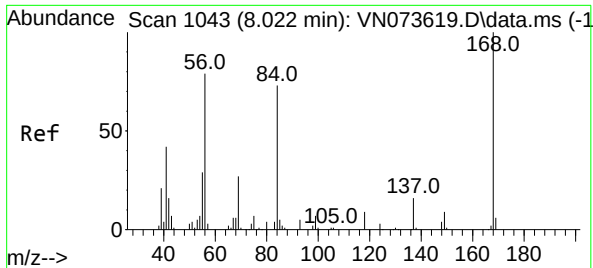
Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Tgt Ion: 83 Resp: 522658

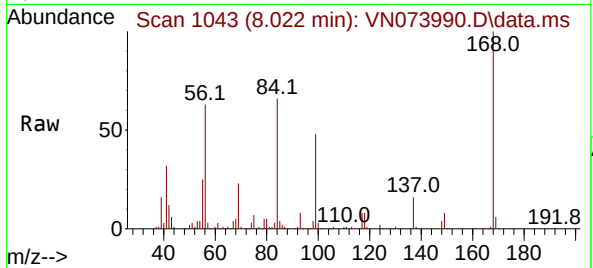
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.8	77.8





#31
Cyclohexane
Concen: 49.480 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

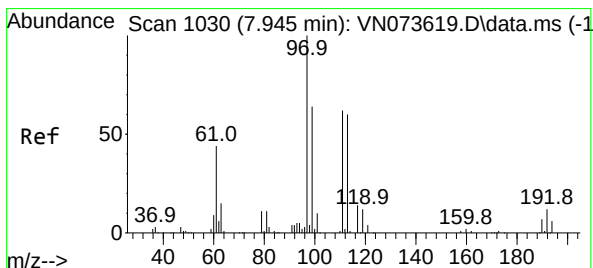
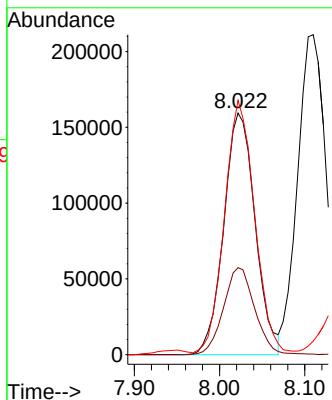
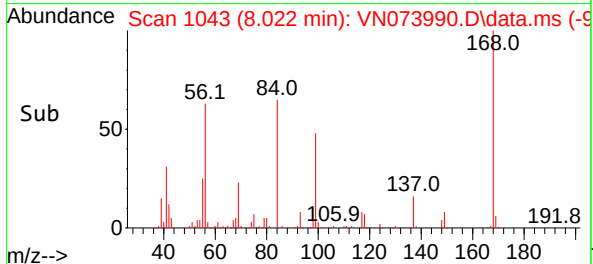
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



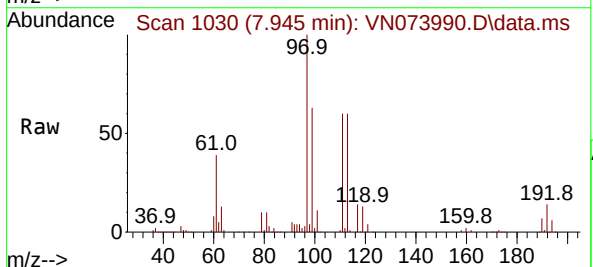
Tgt Ion: 56 Resp: 407774
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.8
84 103.4 76.9 115.3

Manual Integrations
APPROVED

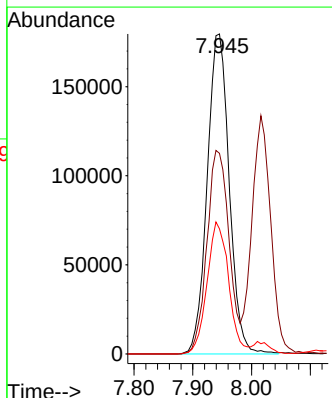
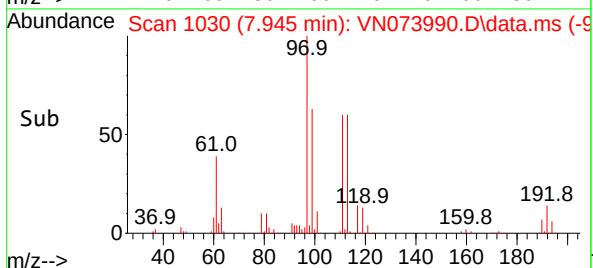
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

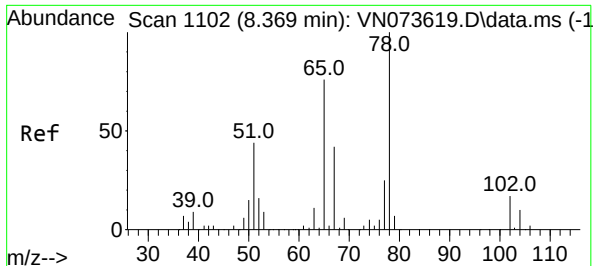


#32
1,1,1-Trichloroethane
Concen: 50.460 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



Tgt Ion: 97 Resp: 468502
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 40.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.265 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 32080

Ion Ratio Lower Upper

65 100

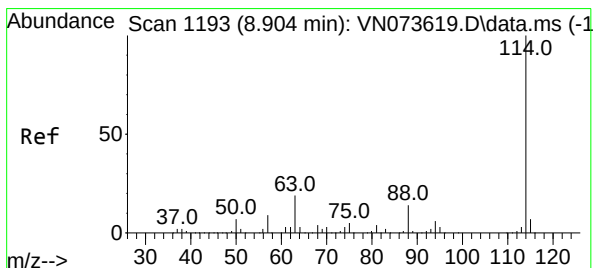
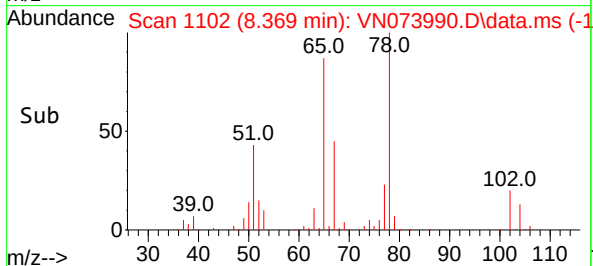
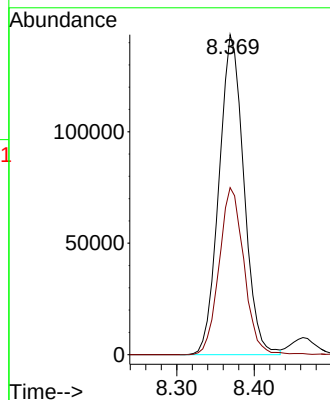
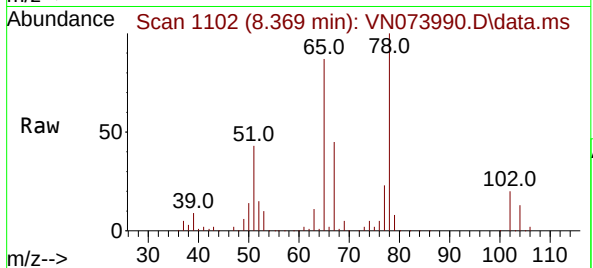
67 52.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

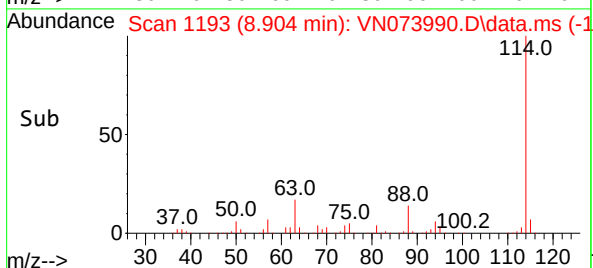
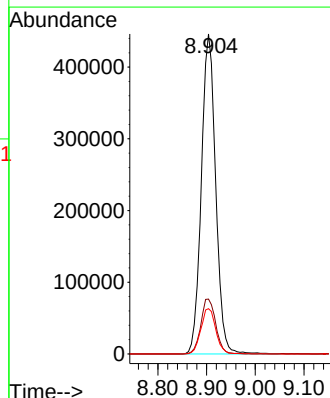
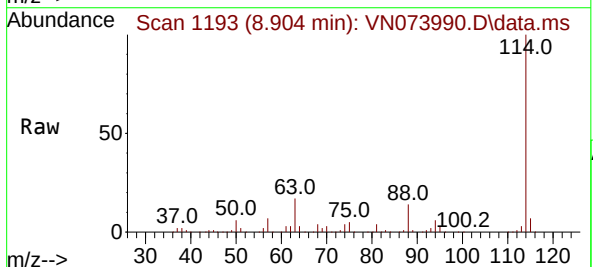
Tgt Ion:114 Resp: 911822

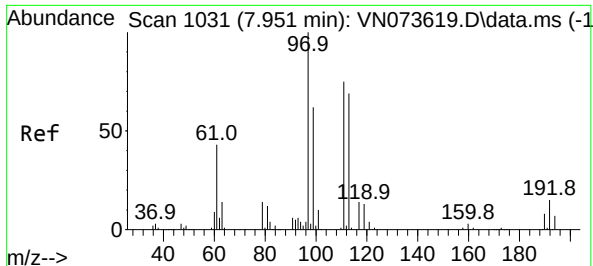
Ion Ratio Lower Upper

114 100

63 17.1 0.0 40.0

88 14.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.261 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 281814

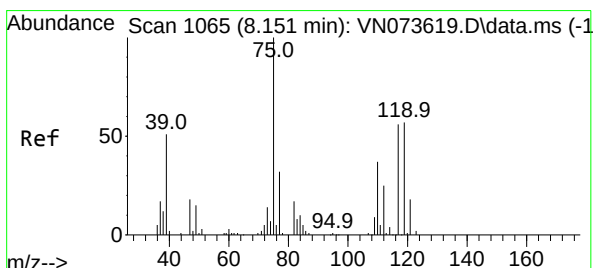
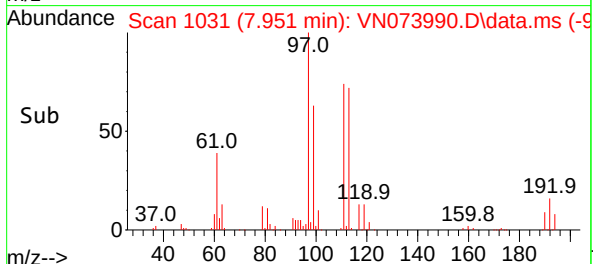
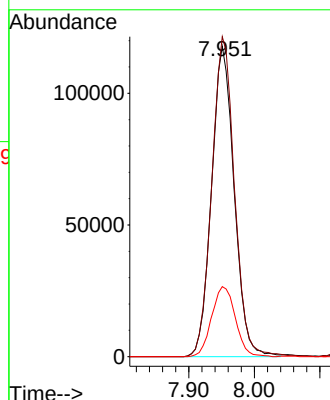
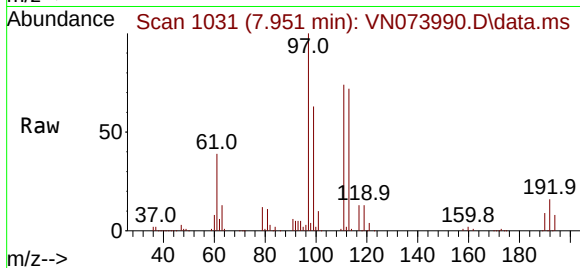
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	23.7	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#36

1,1-Dichloropropene

Concen: 48.969 ug/l

RT: 8.151 min Scan# 1065

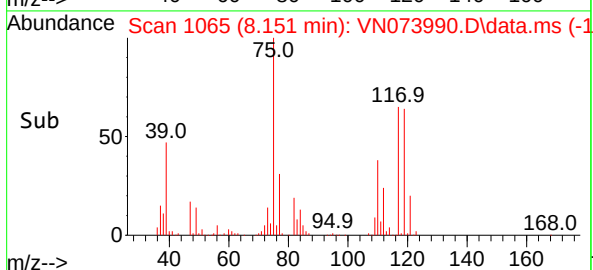
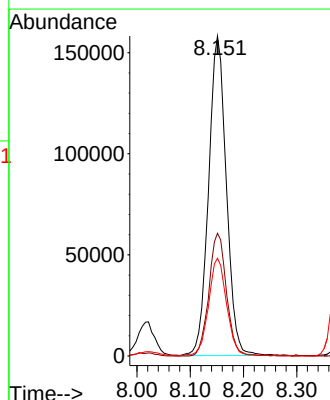
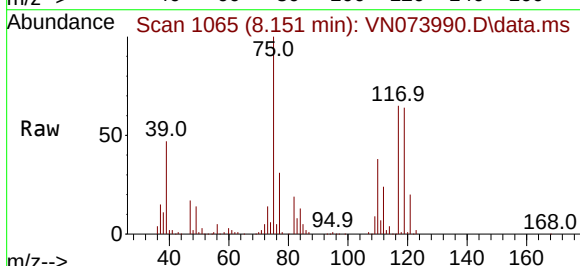
Delta R.T. 0.000 min

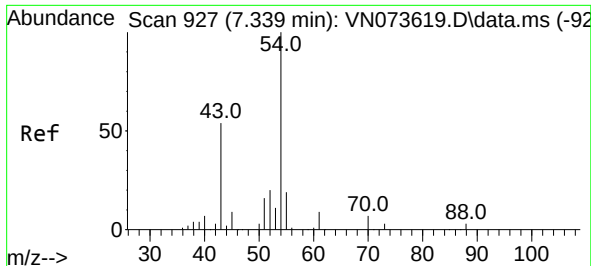
Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Tgt Ion: 75 Resp: 366776

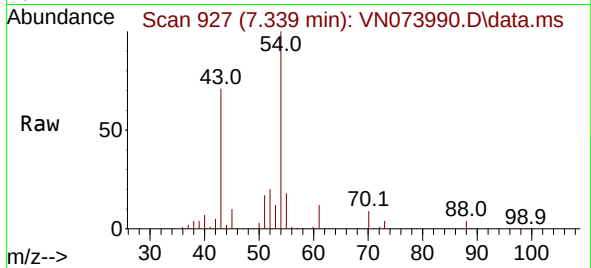
Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.3	54.8
77	31.2	25.1	37.7





#37
Ethyl Acetate
Concen: 50.046 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

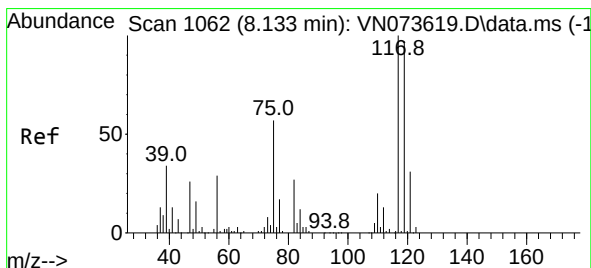
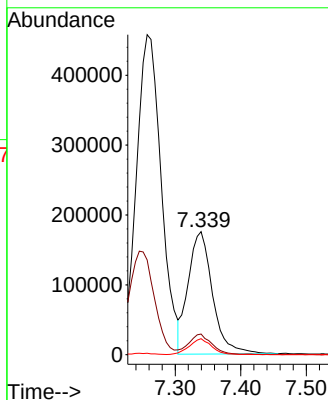
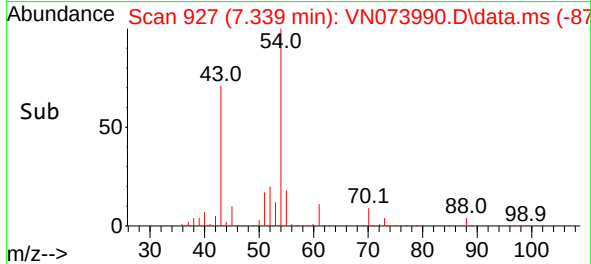
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 454110
Ion Ratio Lower Upper
43 100
61 15.8 11.8 17.6
70 12.0 9.3 13.9

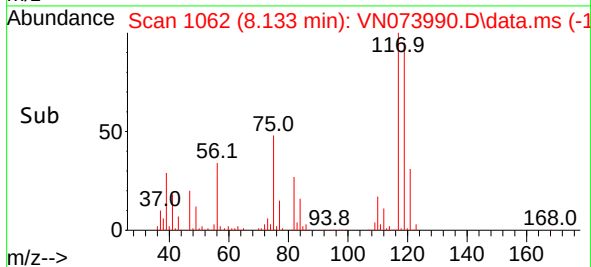
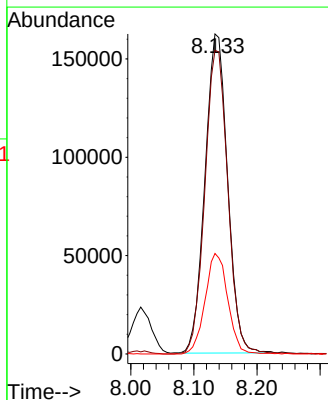
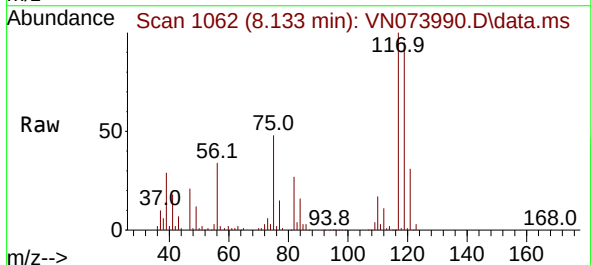
Manual Integrations
APPROVED

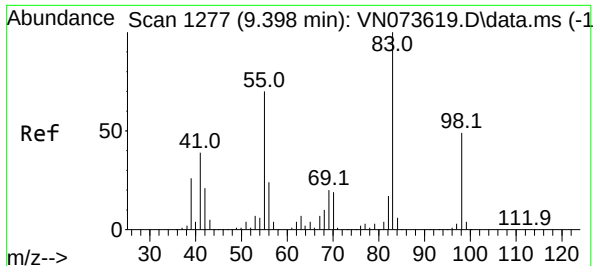
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#38
Carbon Tetrachloride
Concen: 47.219 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Tgt Ion:117 Resp: 404253
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
121 31.5 24.6 37.0





#39

Methylcyclohexane

Concen: 47.646 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 447150

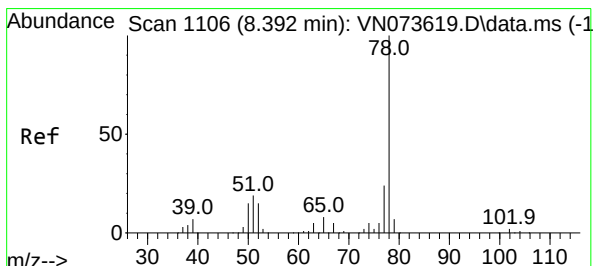
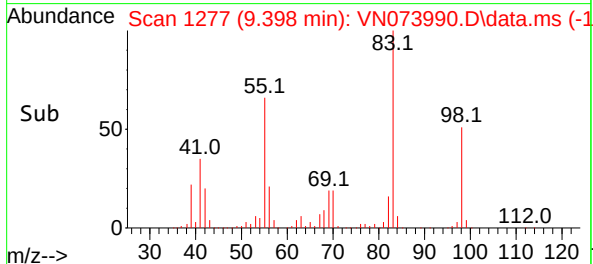
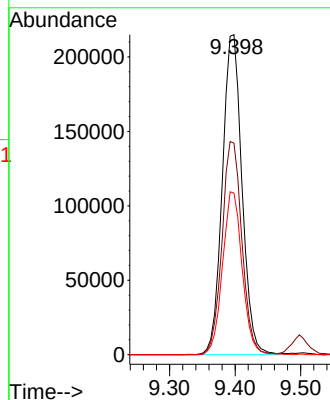
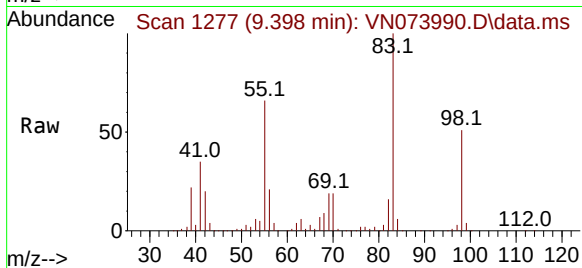
Ion	Ratio	Lower	Upper
83	100		
55	66.1	57.8	86.8
98	50.5	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#40

Benzene

Concen: 48.599 ug/l

RT: 8.392 min Scan# 1106

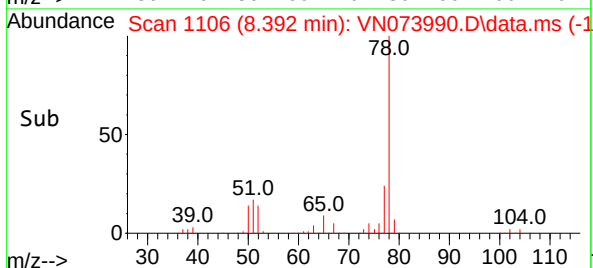
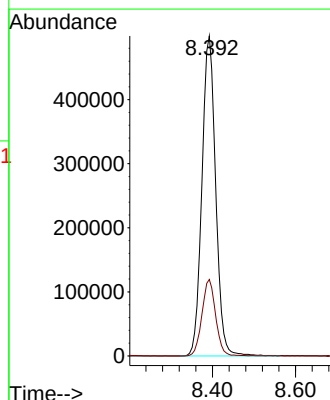
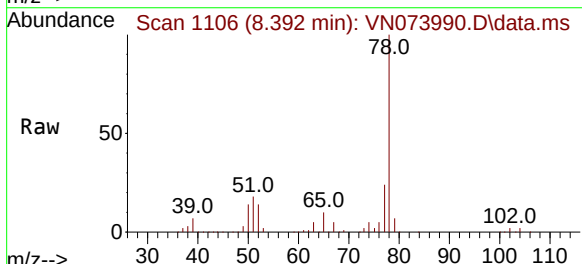
Delta R.T. 0.000 min

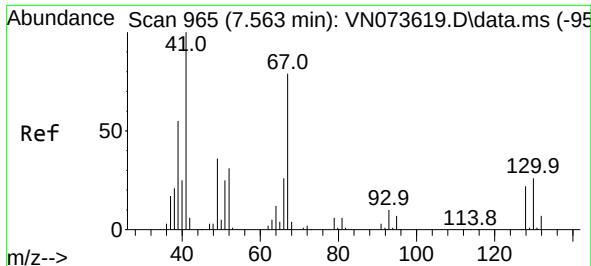
Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Tgt Ion: 78 Resp: 1148837

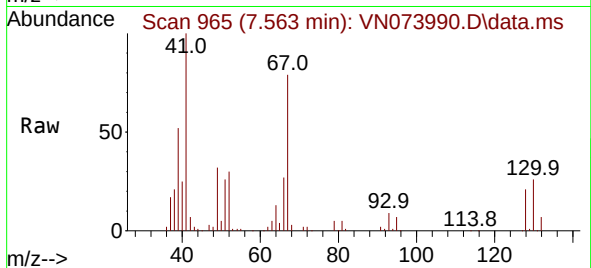
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





#41
Methacrylonitrile
Concen: 47.403 ug/l
RT: 7.563 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

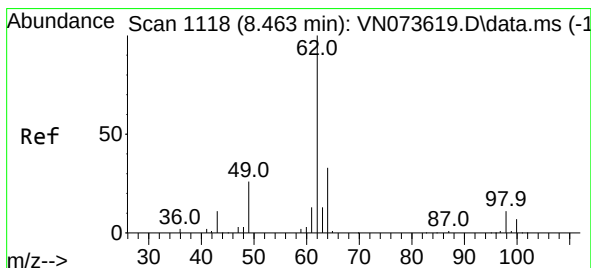
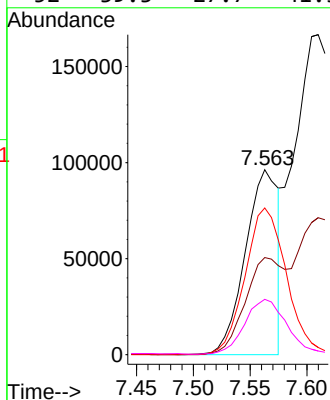
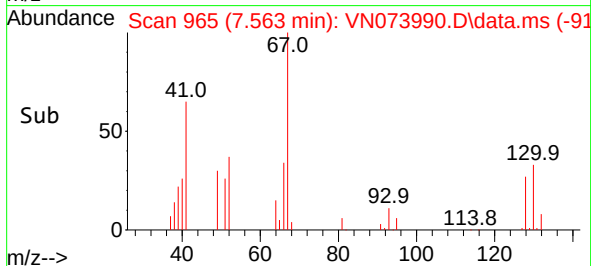
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



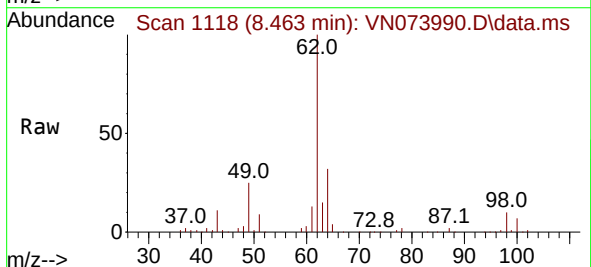
Tgt Ion: 41 Resp: 19438
Ion Ratio Lower Upper
41 100
39 61.3 48.6 73.0
67 100.5 73.4 110.2
52 39.3 27.7 41.5

Manual Integrations
APPROVED

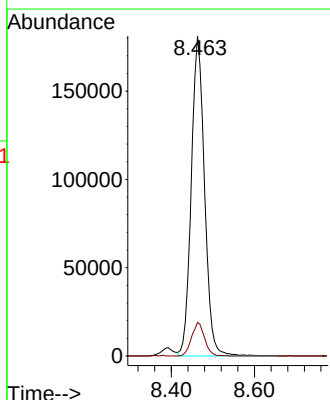
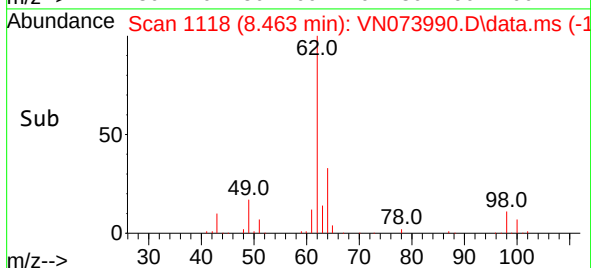
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

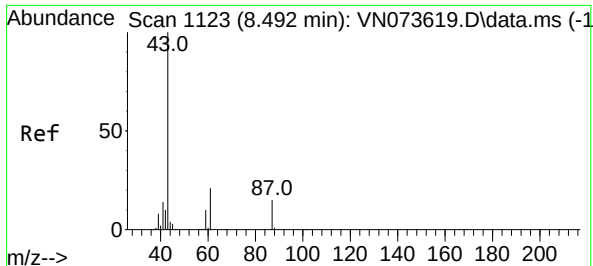


#42
1,2-Dichloroethane
Concen: 49.400 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



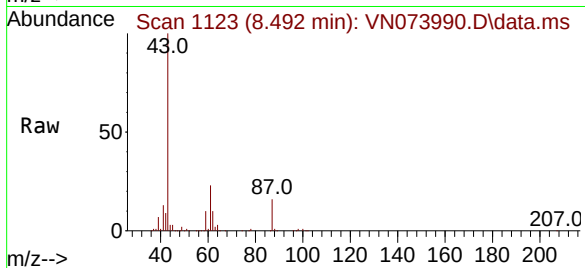
Tgt Ion: 62 Resp: 401534
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 51.542 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

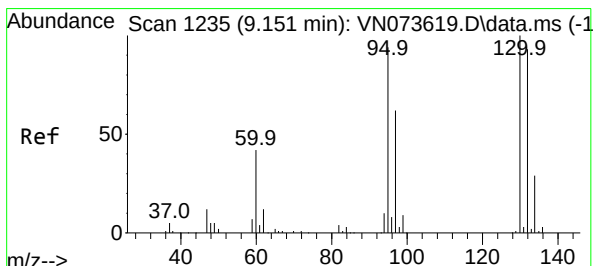
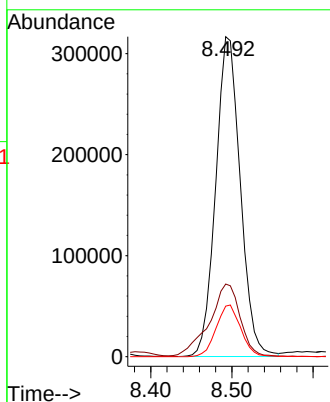
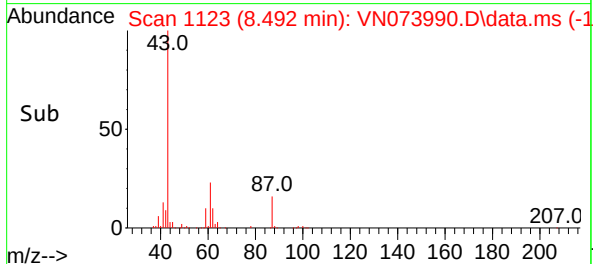
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



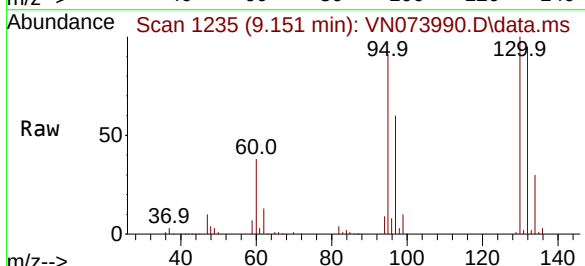
Tgt Ion: 43 Resp: 66626
Ion Ratio Lower Upper
43 100
61 28.4 21.9 32.9
87 16.3 12.0 18.0

Manual Integrations
APPROVED

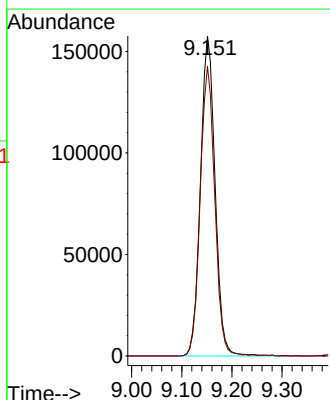
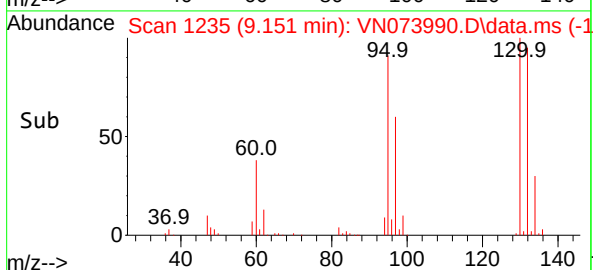
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

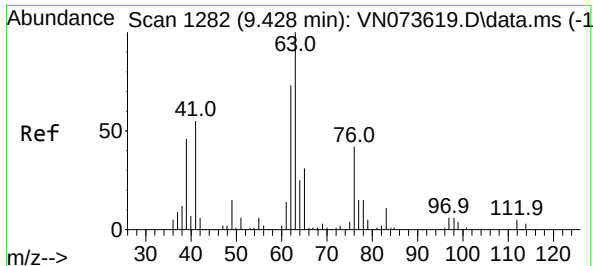


#44
Trichloroethene
Concen: 46.788 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



Tgt Ion:130 Resp: 319454
Ion Ratio Lower Upper
130 100
95 90.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 50.464 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.001 min

Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 28593

Ion Ratio Lower Upper

63 100

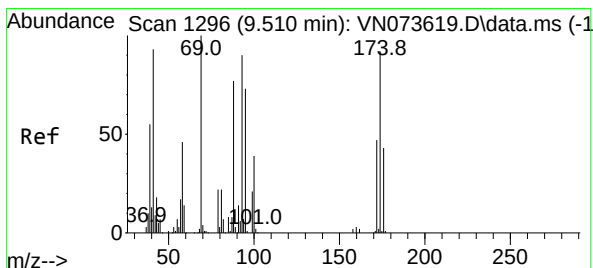
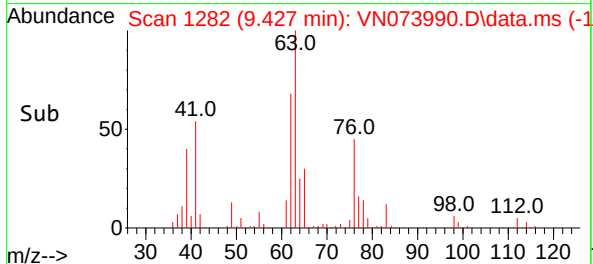
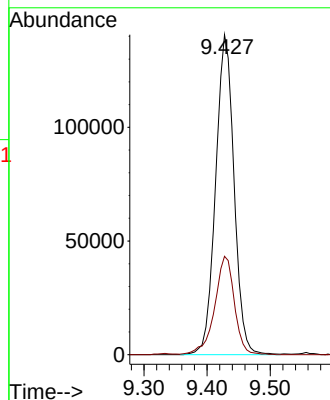
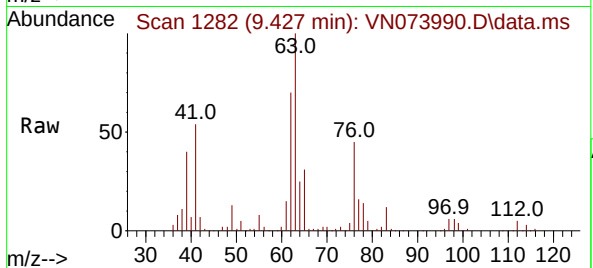
65 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#46

Dibromomethane

Concen: 48.971 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

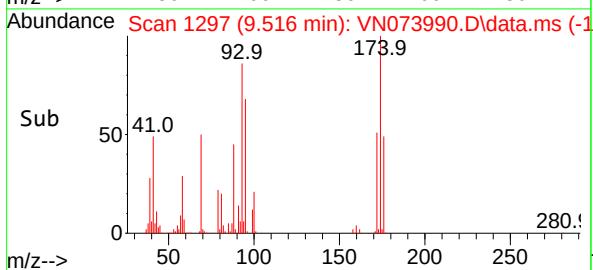
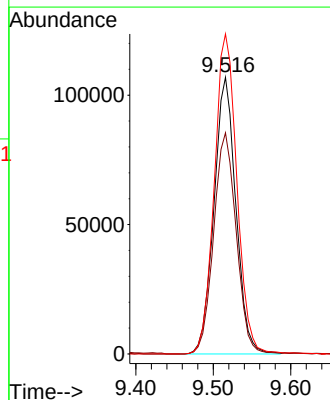
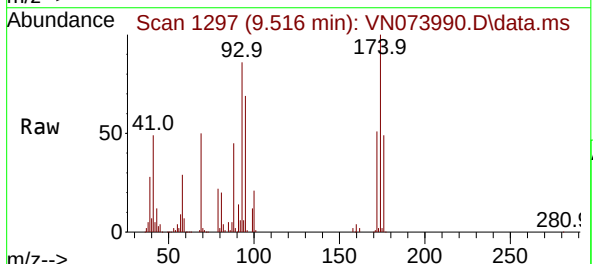
Tgt Ion: 93 Resp: 210958

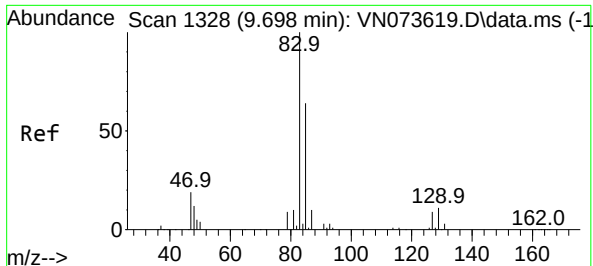
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

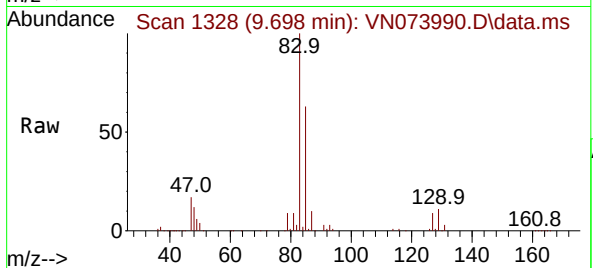
174 119.1 86.6 130.0





#47
Bromodichloromethane
Concen: 49.729 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

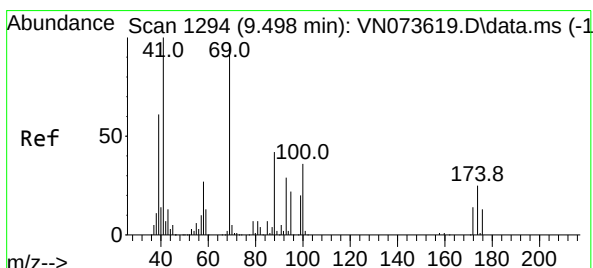
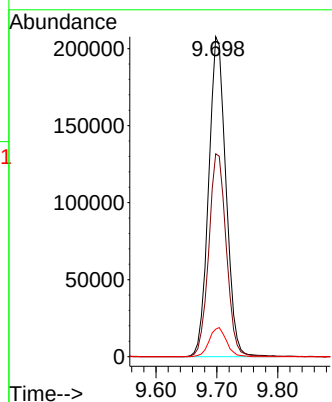
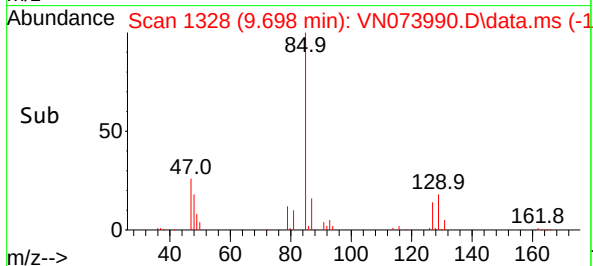
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 40944
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 8.6 6.8 10.2

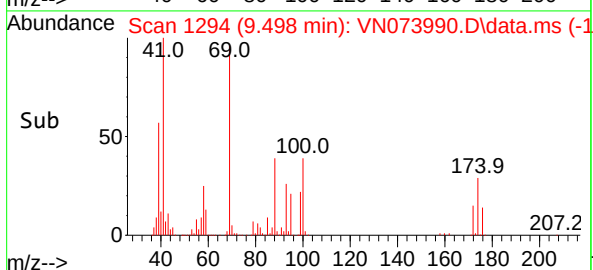
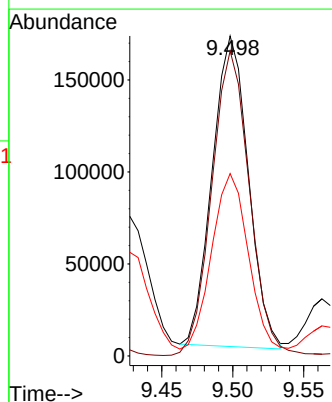
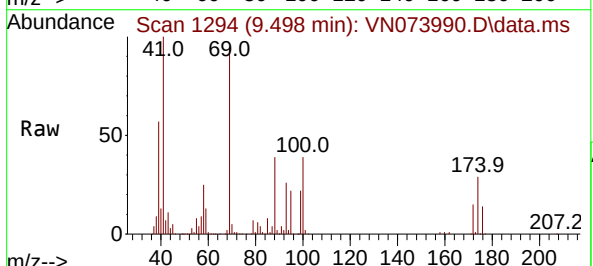
Manual Integrations
APPROVED

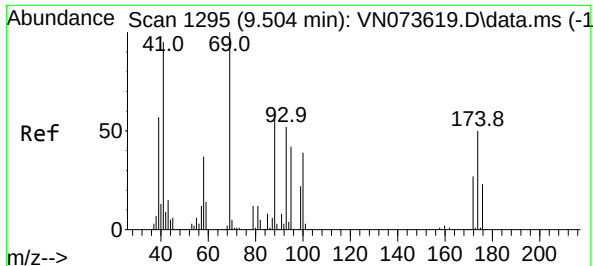
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#48
Methyl methacrylate
Concen: 53.895 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Tgt Ion: 41 Resp: 298101
Ion Ratio Lower Upper
41 100
69 102.9 74.7 112.1
39 62.1 45.6 68.4





#49

1,4-Dioxane

Concen: 1003.689 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 165090

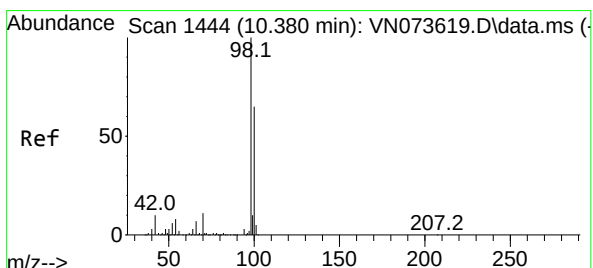
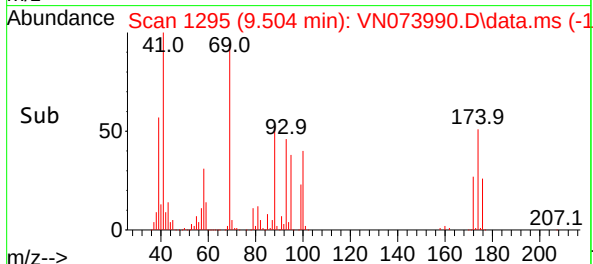
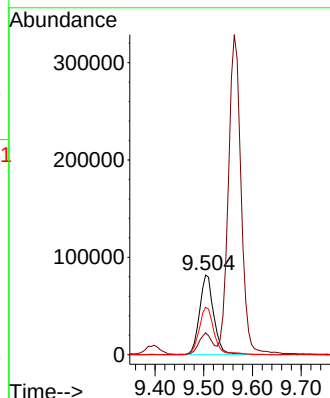
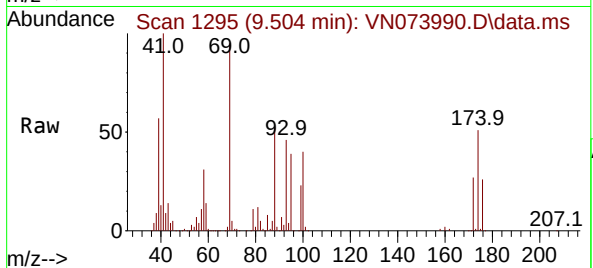
Ion	Ratio	Lower	Upper
88	100		
43	26.0	20.2	30.4
58	60.5	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#50

Toluene-d8

Concen: 52.115 ug/l

RT: 10.380 min Scan# 1444

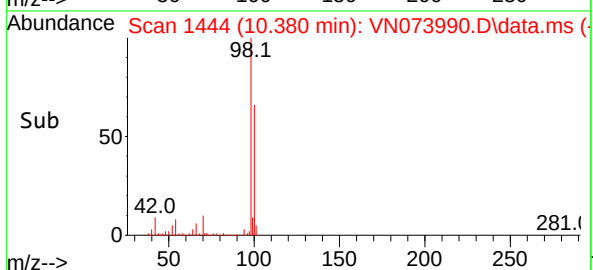
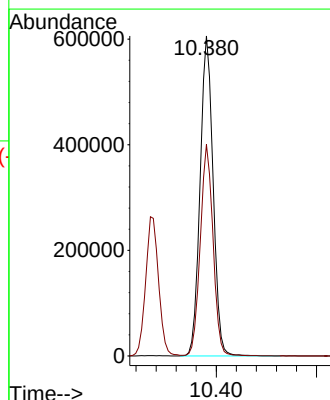
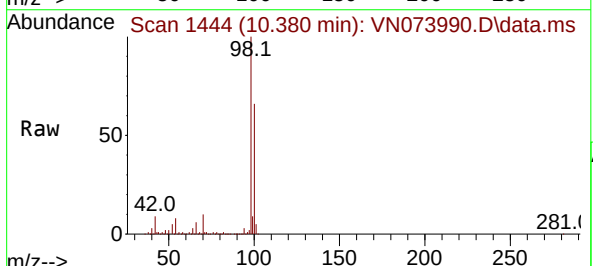
Delta R.T. 0.000 min

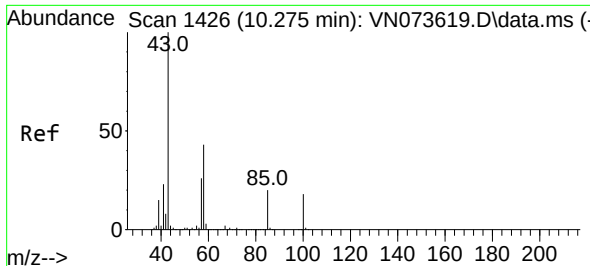
Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Tgt Ion: 98 Resp: 1088400

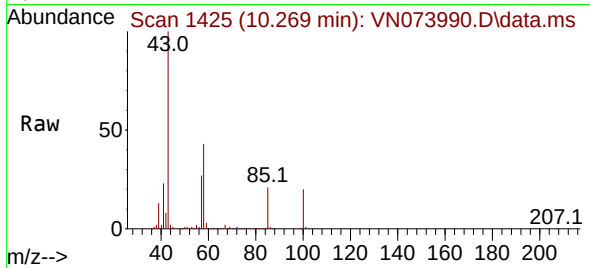
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 267.697 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

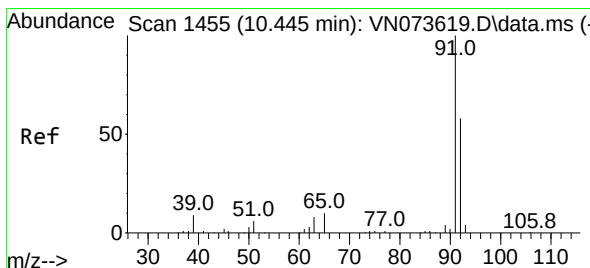
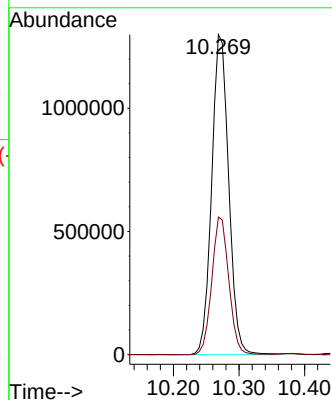
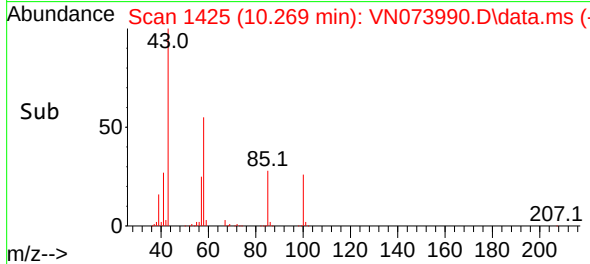
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2339580
Ion Ratio Lower Upper
43 100
58 43.0 34.1 51.1

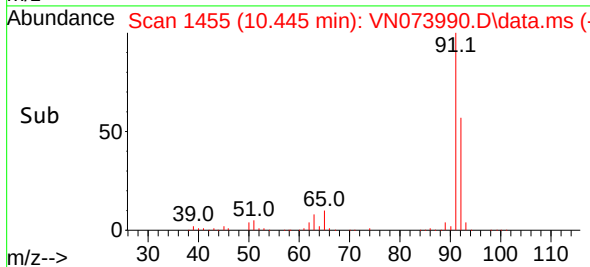
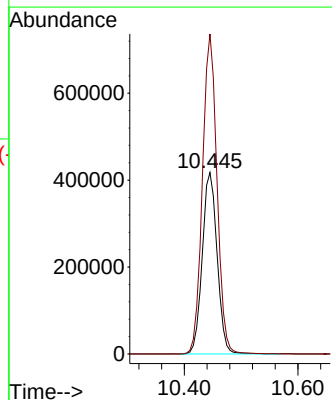
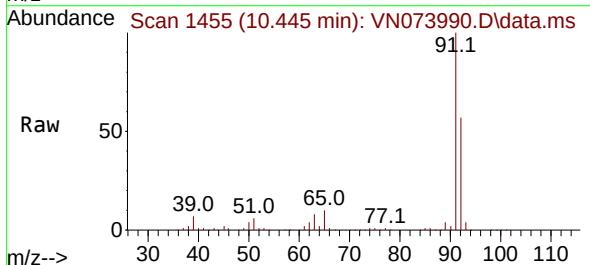
Manual Integrations
APPROVED

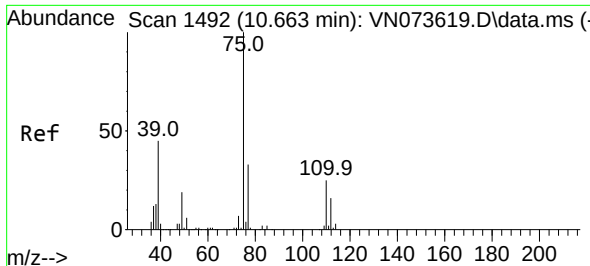
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#52
Toluene
Concen: 46.680 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

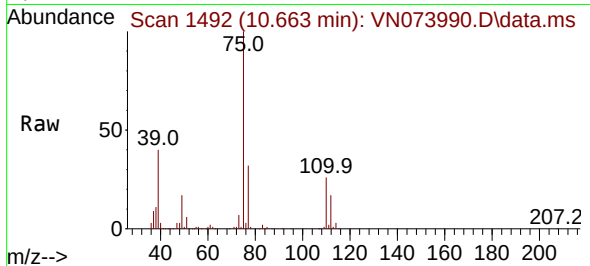
Tgt Ion: 92 Resp: 756678
Ion Ratio Lower Upper
92 100
91 173.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 48.900 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

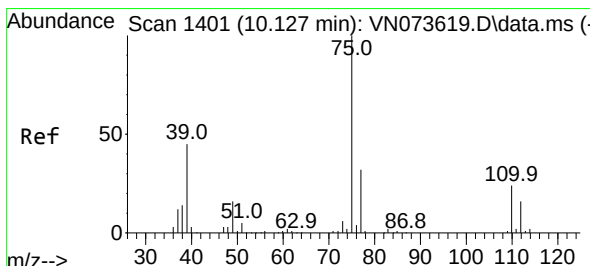
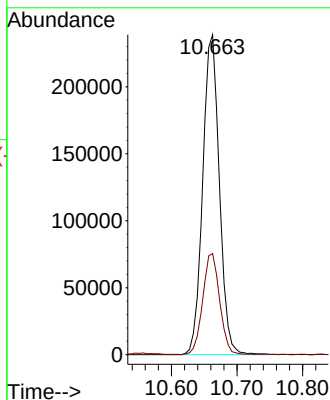
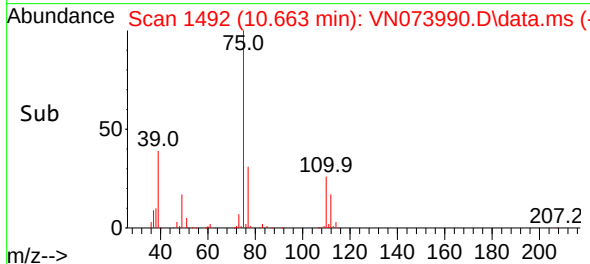
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



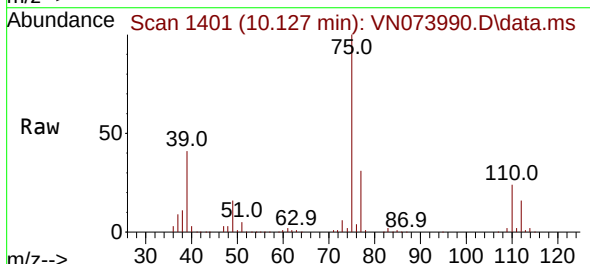
Tgt Ion: 75 Resp: 422494
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations
APPROVED

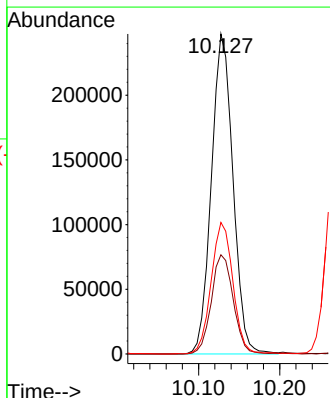
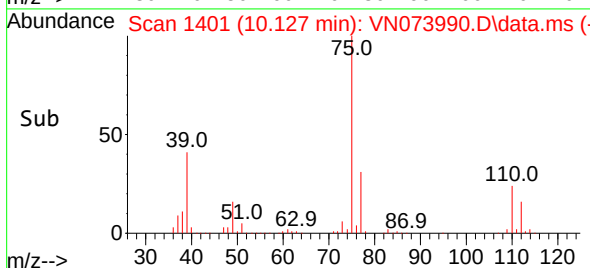
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

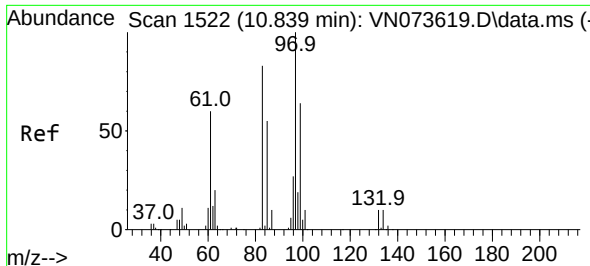


#54
cis-1,3-Dichloropropene
Concen: 48.419 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



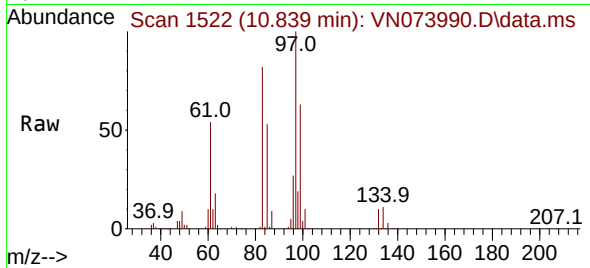
Tgt Ion: 75 Resp: 457711
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 41.0 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.991 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

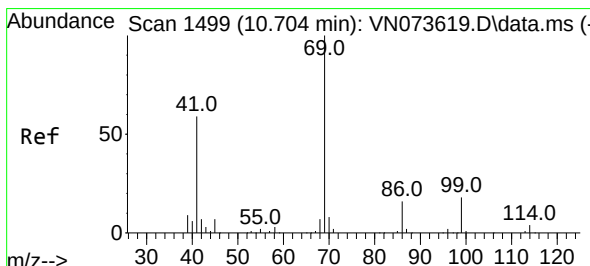
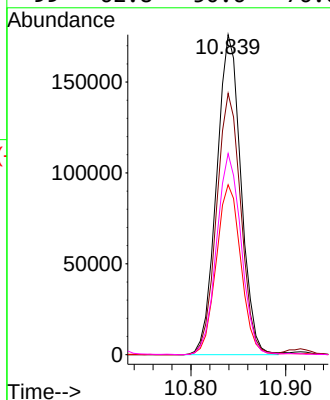
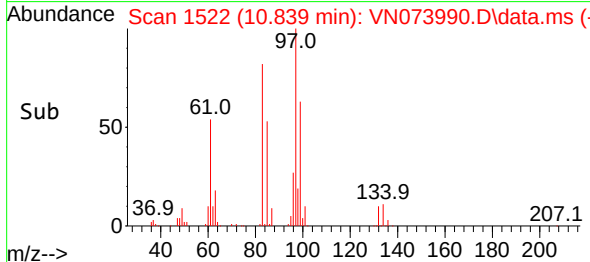
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



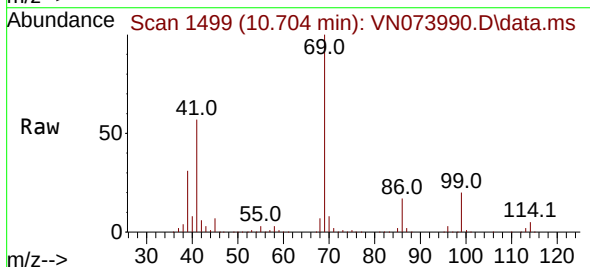
Tgt Ion:	97	Resp:	31522
Ion Ratio	Lower	Upper	
97	100		
83	81.6	66.2	99.4
85	53.1	43.9	65.9
99	62.8	50.6	76.0

Manual Integrations
APPROVED

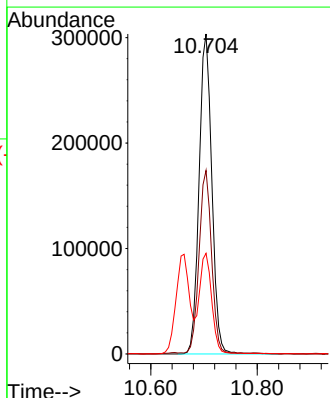
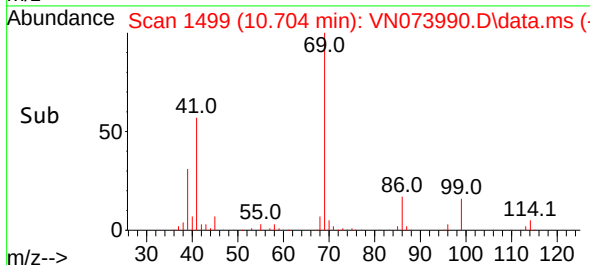
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

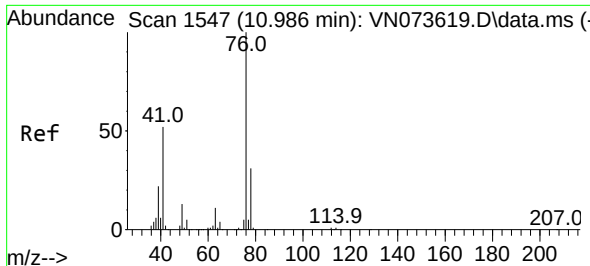


#56
Ethyl methacrylate
Concen: 55.844 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



Tgt Ion:	69	Resp:	502228
Ion Ratio	Lower	Upper	
69	100		
41	56.0	47.8	71.6
39	30.8	27.3	40.9





#57

1,3-Dichloropropane

Concen: 51.007 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073990.D

Acq: 17 Aug 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 52294

Ion Ratio Lower Upper

76 100

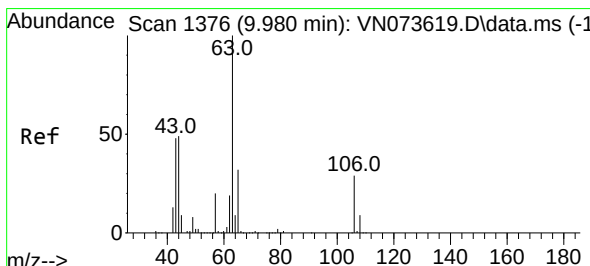
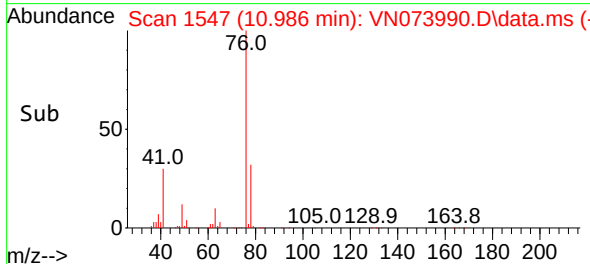
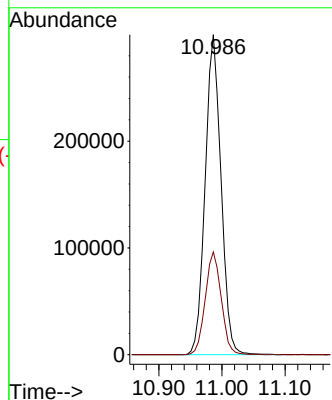
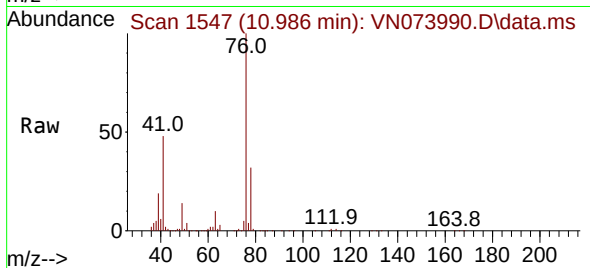
78 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 265.051 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073990.D

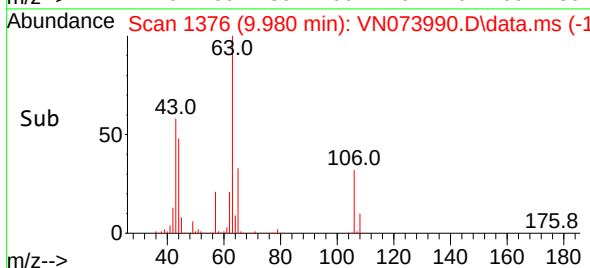
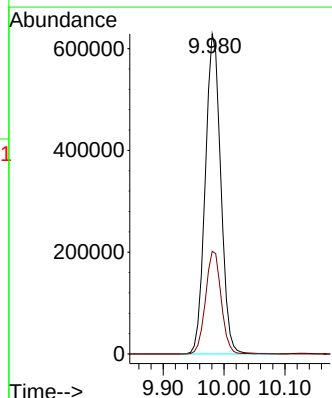
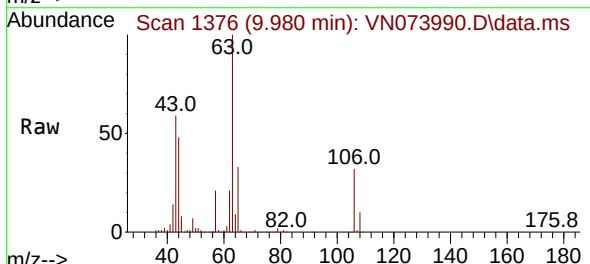
Acq: 17 Aug 2022 20:52

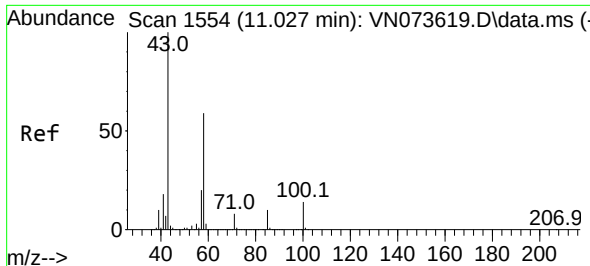
Tgt Ion: 63 Resp: 1112500

Ion Ratio Lower Upper

63 100

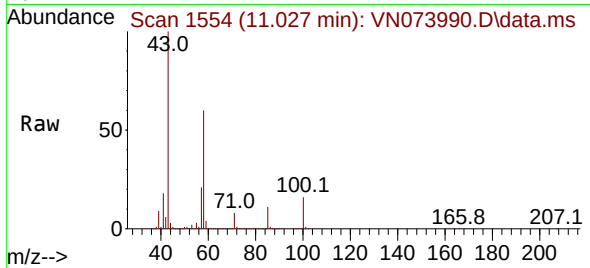
106 32.3 24.6 36.8





#59
2-Hexanone
Concen: 272.216 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

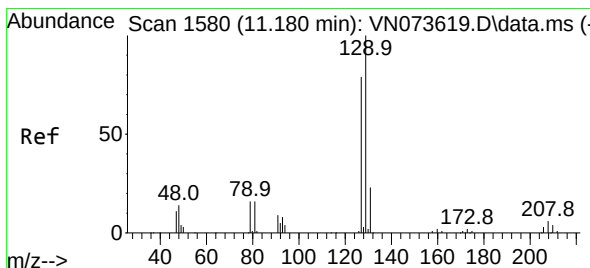
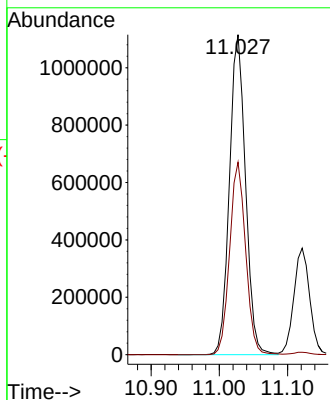
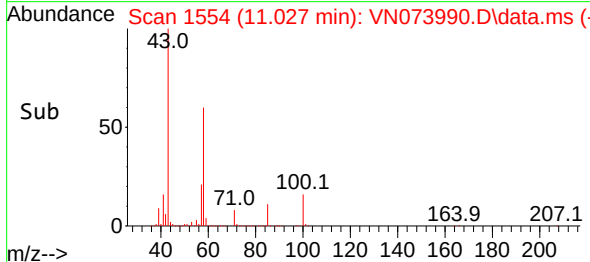
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1830950
Ion Ratio Lower Upper
43 100
58 59.9 29.7 89.1

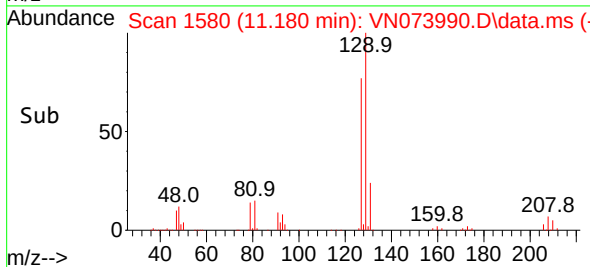
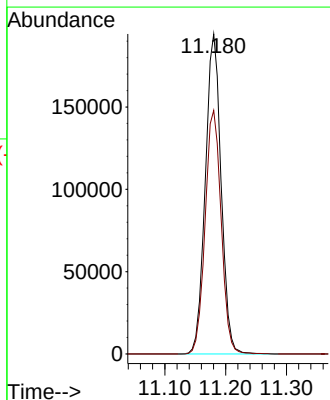
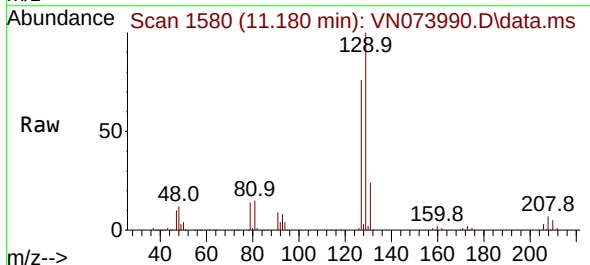
Manual Integrations
APPROVED

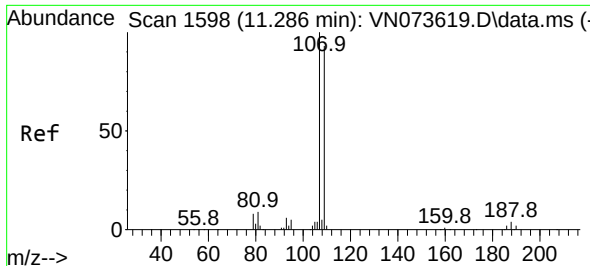
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#60
Dibromochloromethane
Concen: 50.156 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

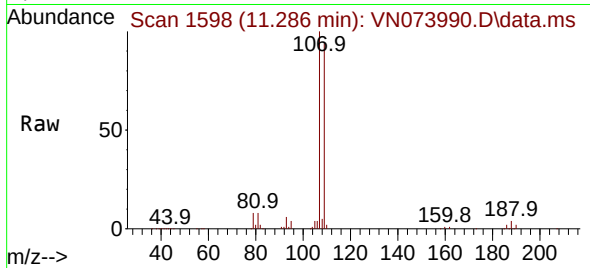
Tgt Ion:129 Resp: 349742
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.556 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

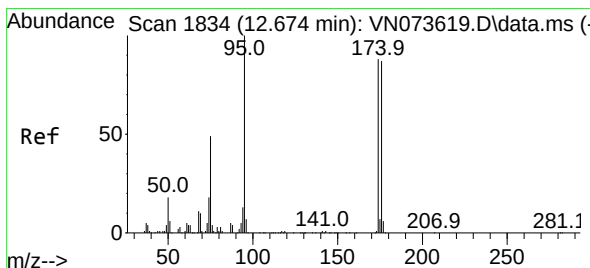
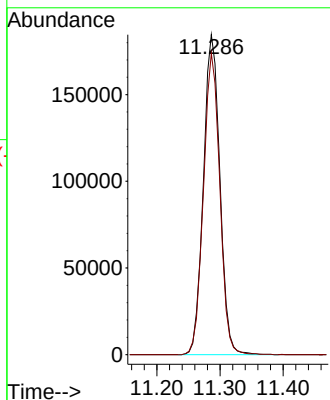
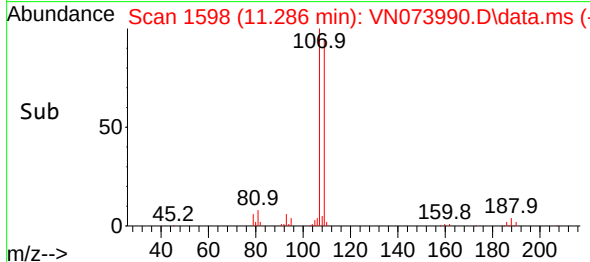
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



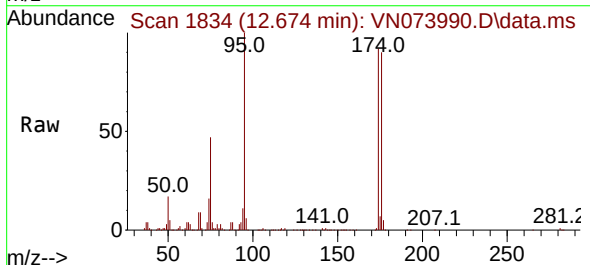
Tgt Ion:107 Resp: 33421
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6

Manual Integrations
APPROVED

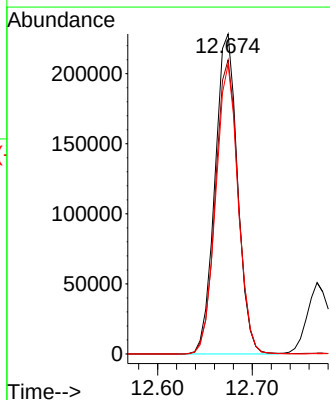
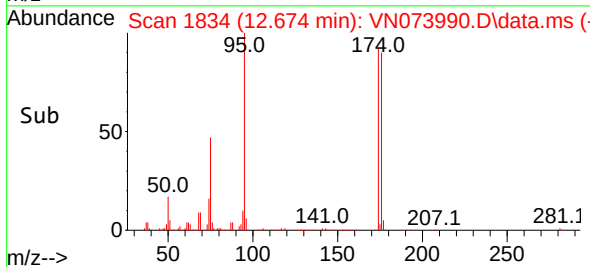
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

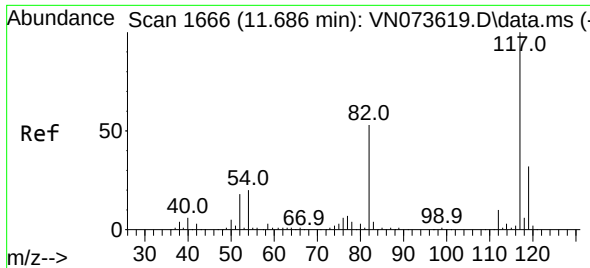


#62
4-Bromofluorobenzene
Concen: 54.581 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



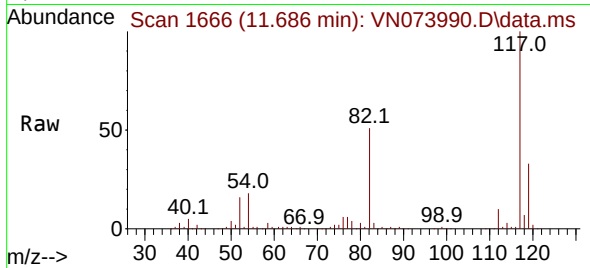
Tgt Ion: 95 Resp: 378309
Ion Ratio Lower Upper
95 100
174 92.3 0.0 167.6
176 89.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

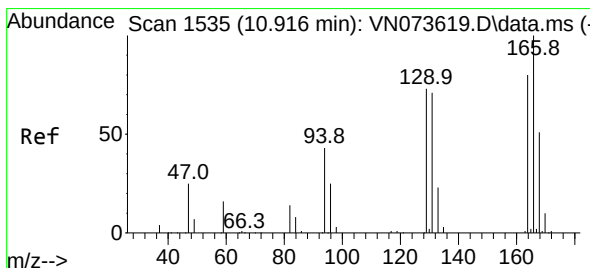
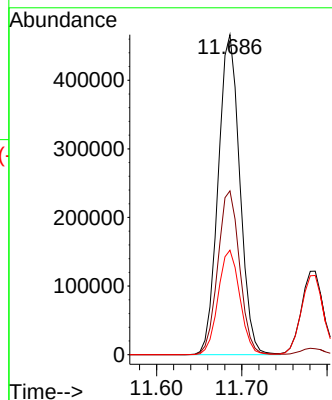
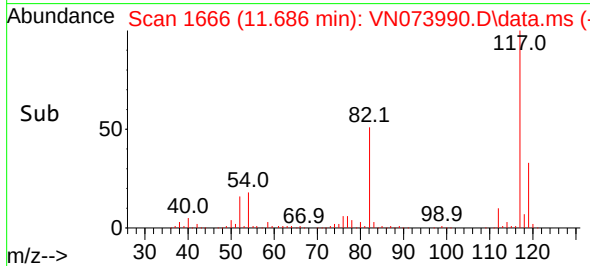
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



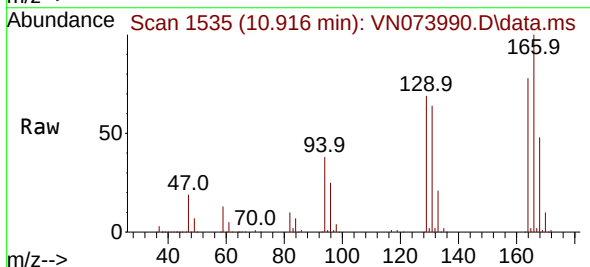
Tgt Ion:117 Resp: 82340
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 32.6 25.4 38.0

Manual Integrations
APPROVED

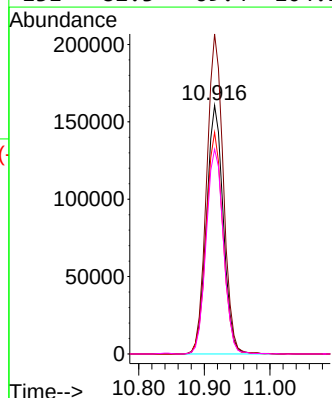
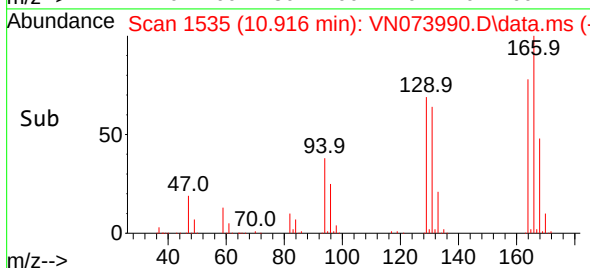
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

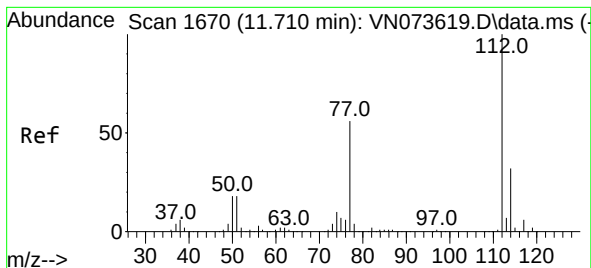


#64
Tetrachloroethene
Concen: 44.085 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



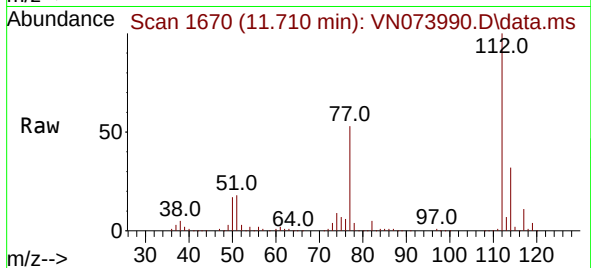
Tgt Ion:164 Resp: 286503
Ion Ratio Lower Upper
164 100
166 128.7 104.2 156.2
129 89.1 73.9 110.9
131 82.3 69.4 104.2





#65
Chlorobenzene
Concen: 48.079 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

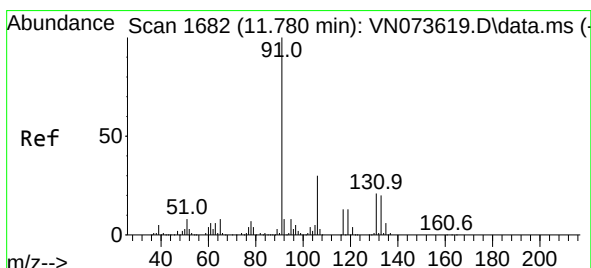
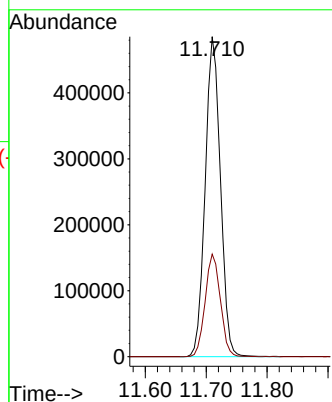
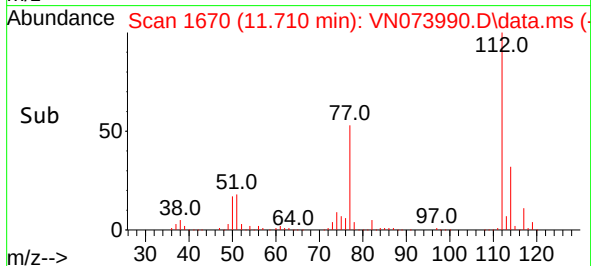
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



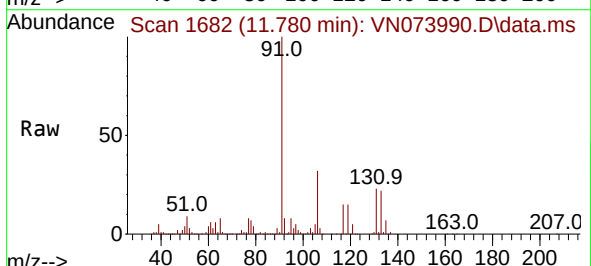
Tgt Ion:112 Resp: 841350
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

Manual Integrations
APPROVED

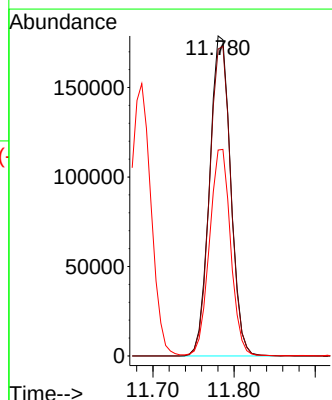
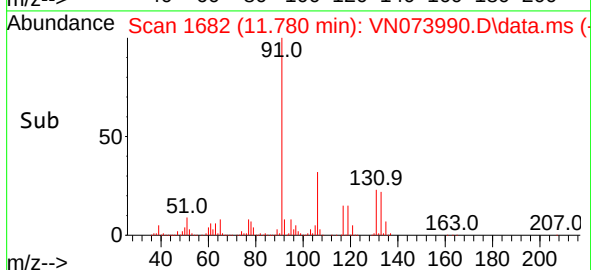
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

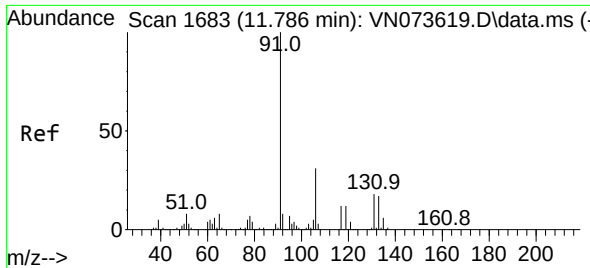


#66
1,1,1,2-Tetrachloroethane
Concen: 48.835 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



Tgt Ion:131 Resp: 323606
Ion Ratio Lower Upper
131 100
133 97.4 47.8 143.4
119 64.6 33.4 100.2





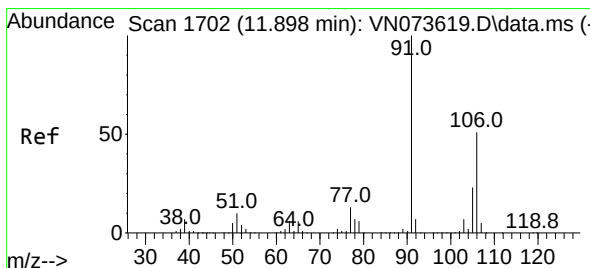
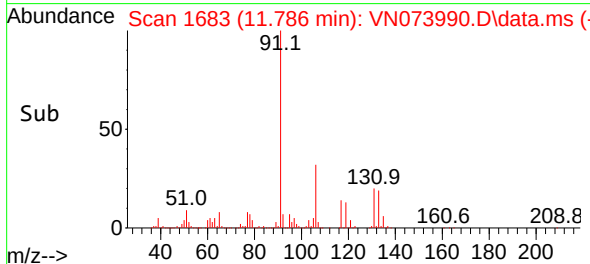
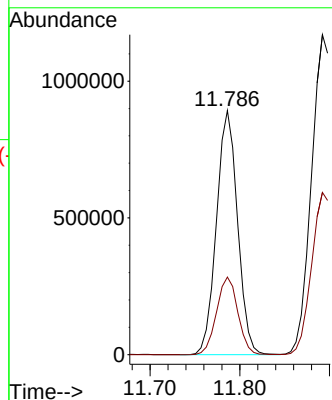
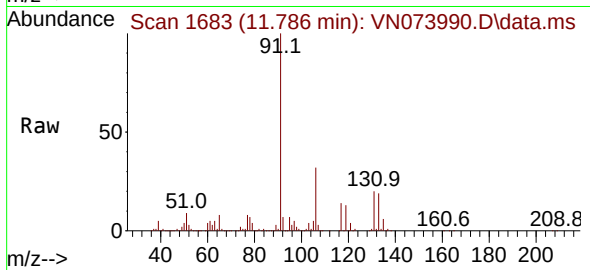
#67
Ethyl Benzene
Concen: 50.013 ug/l
RT: 11.786 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1455472
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

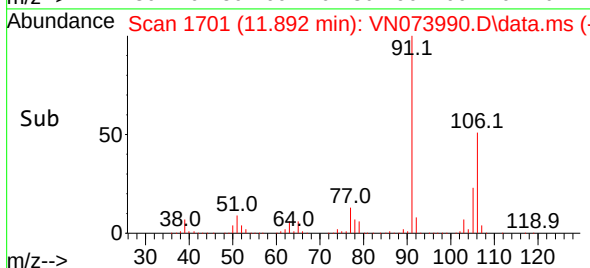
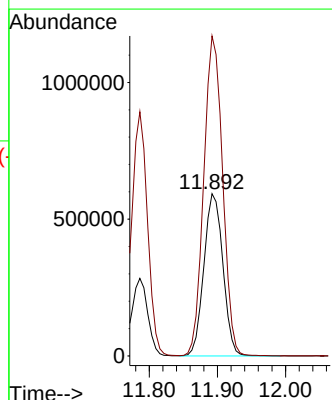
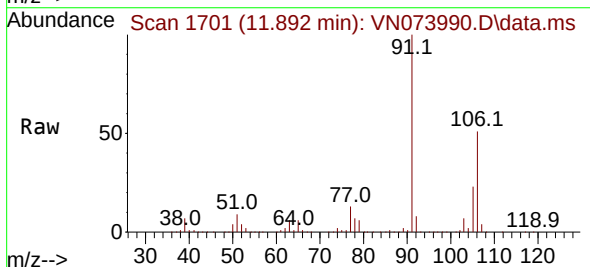
Manual Integrations
APPROVED

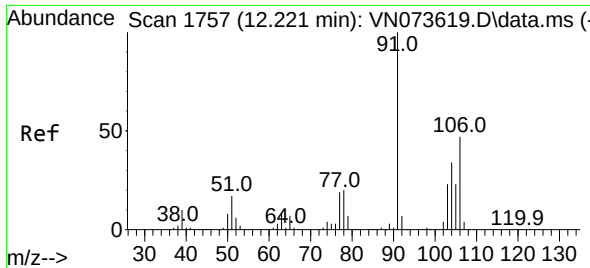
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#68
m/p-Xylenes
Concen: 97.185 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Tgt Ion:106 Resp: 1149159
Ion Ratio Lower Upper
106 100
91 196.5 158.9 238.3





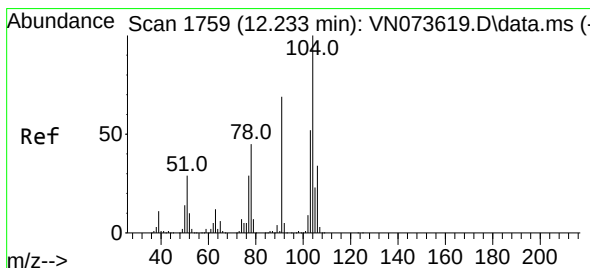
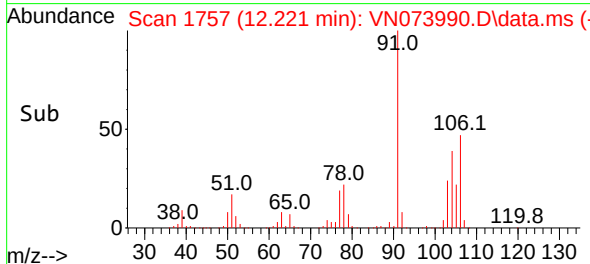
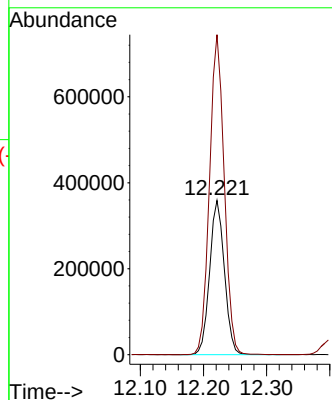
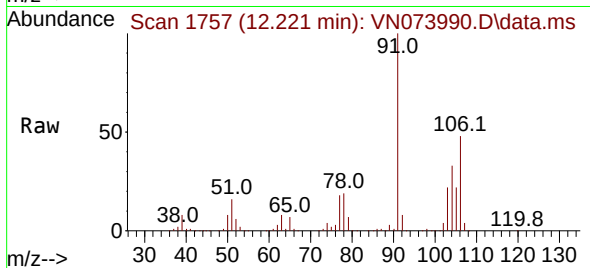
#69
o-Xylene
Concen: 49.009 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 581130
Ion Ratio Lower Upper
106 100
91 207.0 106.0 318.0

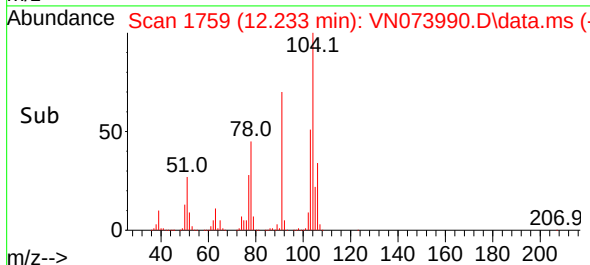
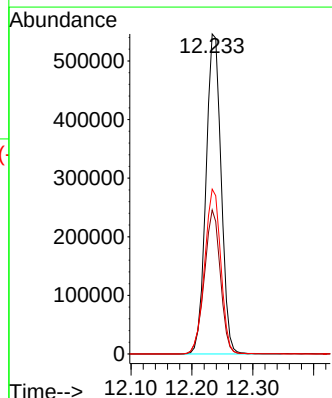
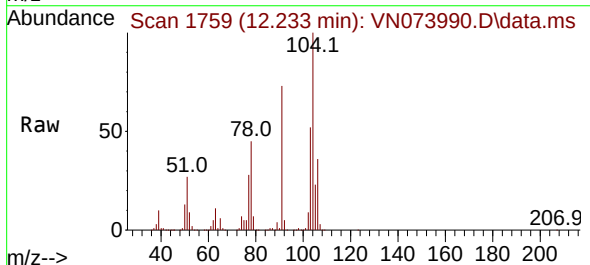
Manual Integrations
APPROVED

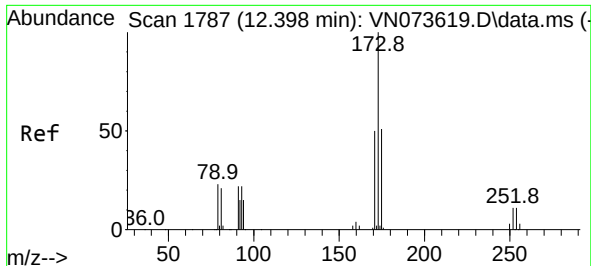
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#70
Styrene
Concen: 50.985 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

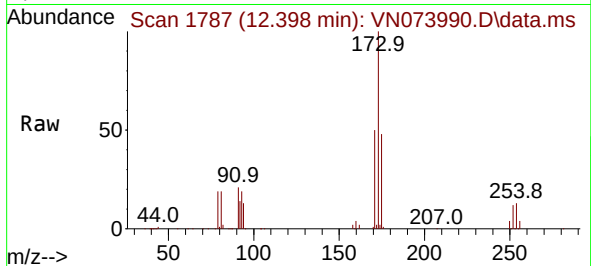
Tgt Ion:104 Resp: 946483
Ion Ratio Lower Upper
104 100
78 47.3 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 49.092 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

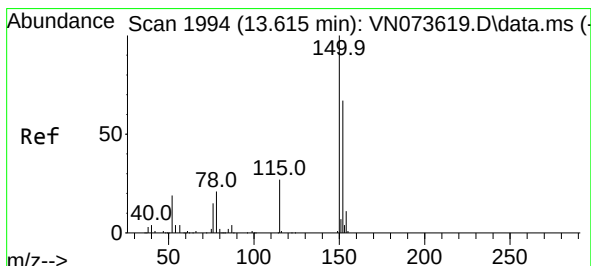
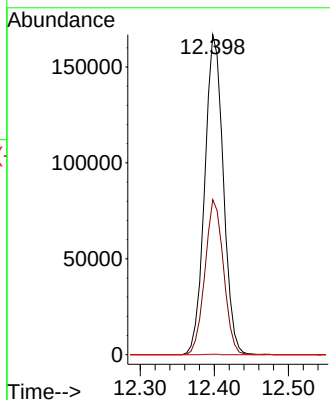
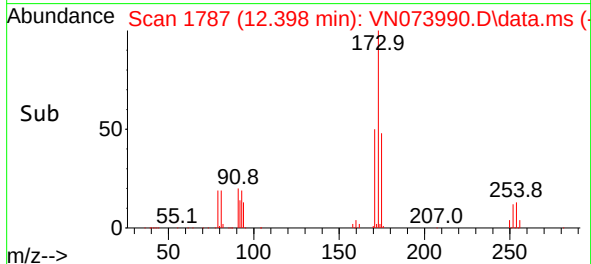
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 290445
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.1 0.1 0.1

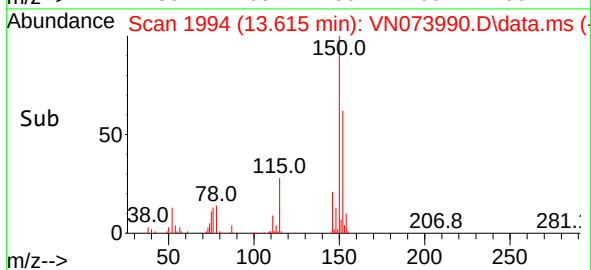
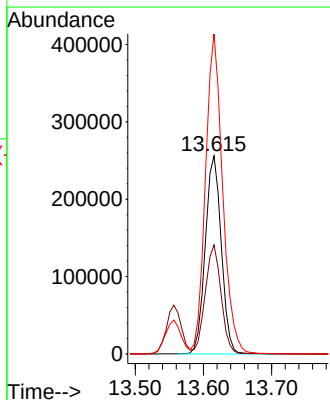
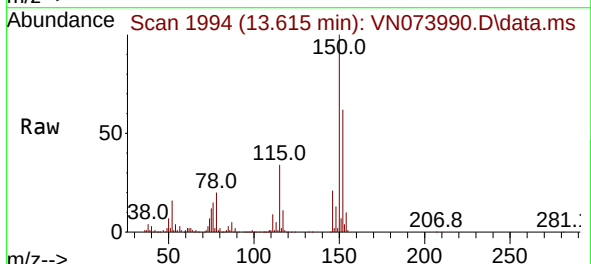
Manual Integrations
APPROVED

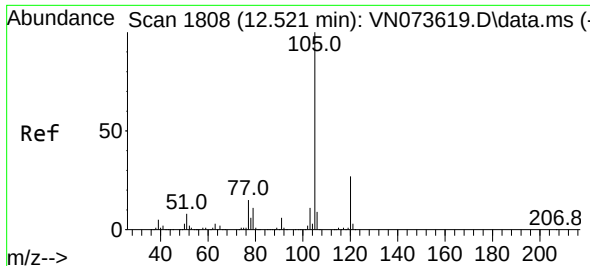
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

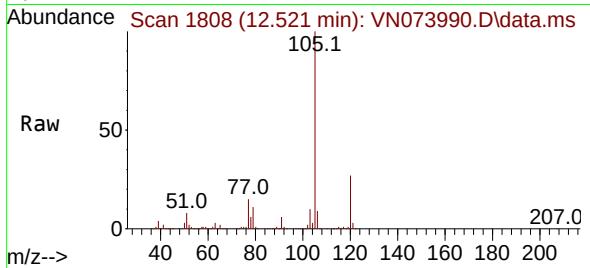
Tgt Ion:152 Resp: 419006
Ion Ratio Lower Upper
152 100
115 54.8 28.9 86.7
150 173.0 0.0 356.2





#73
Isopropylbenzene
Concen: 49.083 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

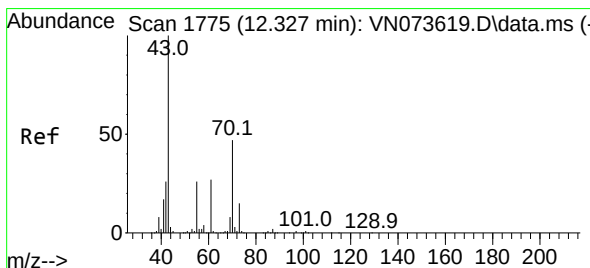
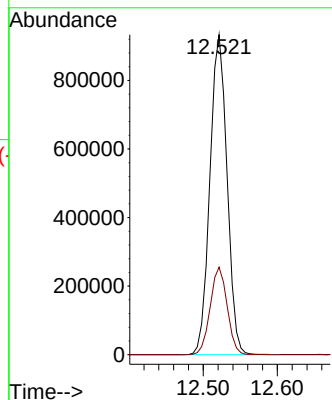
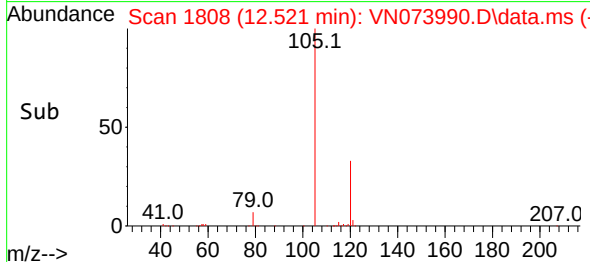
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1497562
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

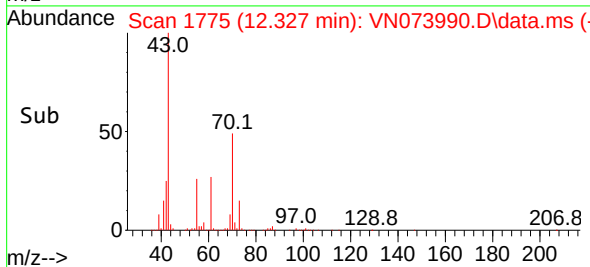
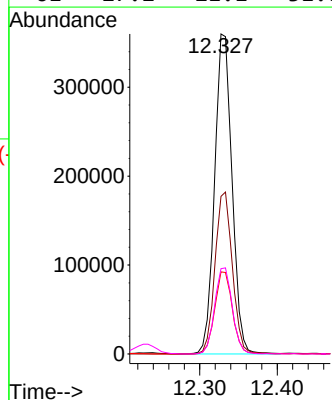
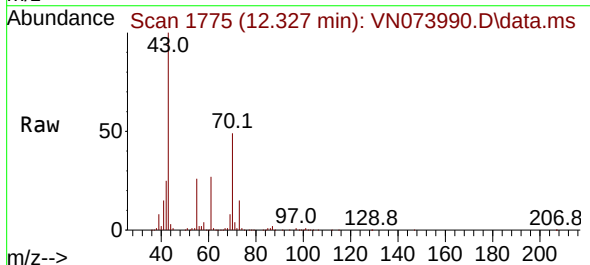
Manual Integrations
APPROVED

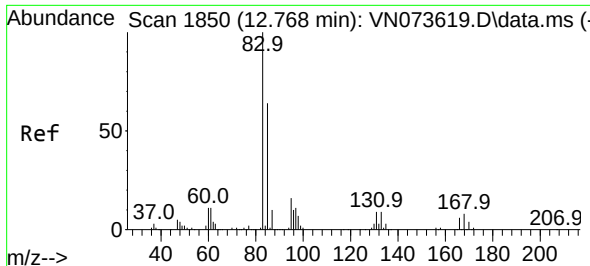
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#74
N-ethyl acetate
Concen: 48.697 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

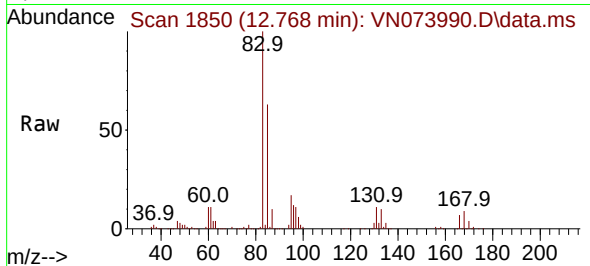
Tgt Ion: 43 Resp: 561684
Ion Ratio Lower Upper
43 100
70 50.4 39.0 58.4
55 26.2 21.1 31.7
61 27.2 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.277 ug/l
 RT: 12.768 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN073990.D
 Acq: 17 Aug 2022 20:52

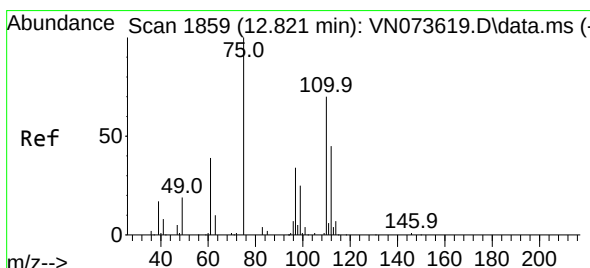
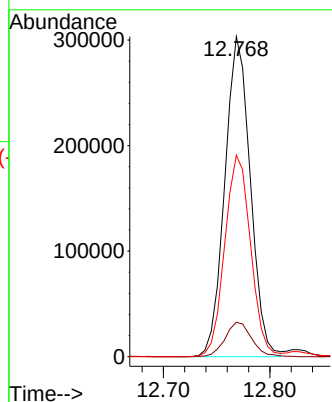
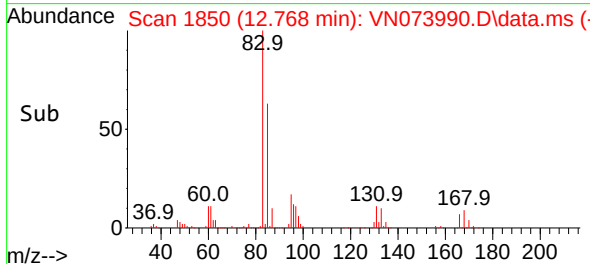
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 50452
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.3 15.9
 85 63.7 32.3 96.9

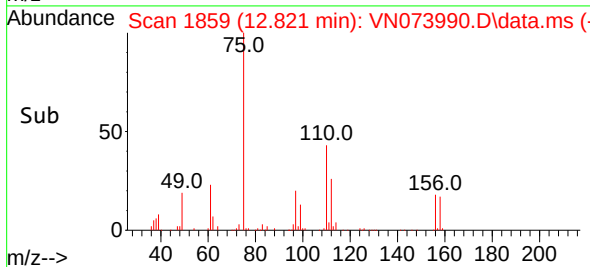
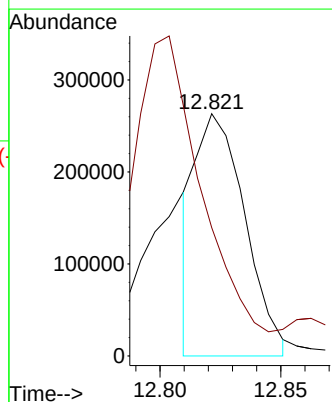
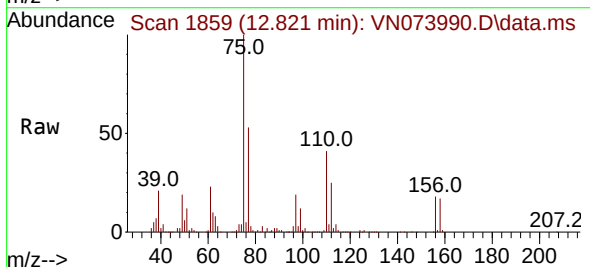
Manual Integrations
 APPROVED

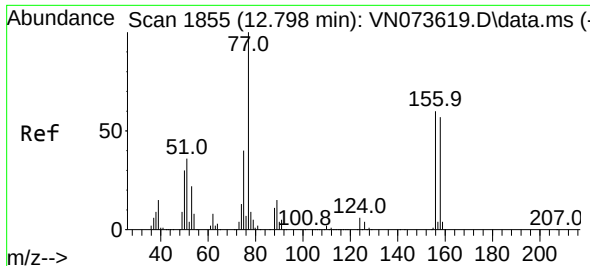
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#76
 1,2,3-Trichloropropane
 Concen: 43.250 ug/l m
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN073990.D
 Acq: 17 Aug 2022 20:52

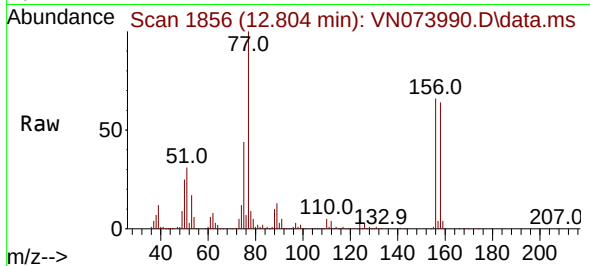
Tgt Ion: 75 Resp: 376665
 Ion Ratio Lower Upper
 75 100
 77 190.0 98.5 295.5





#77
Bromobenzene
Concen: 47.036 ug/l
RT: 12.804 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

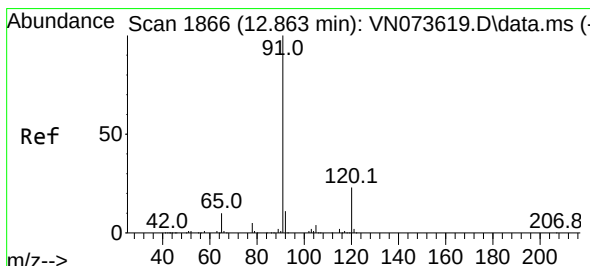
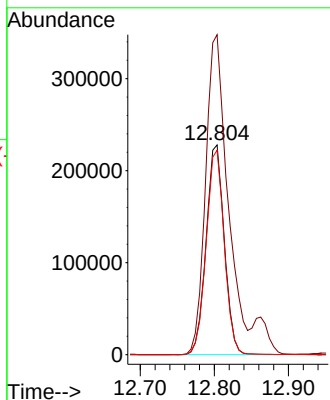
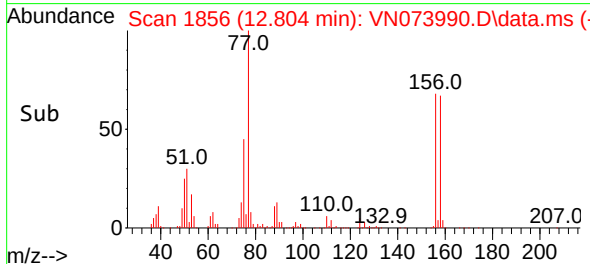
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



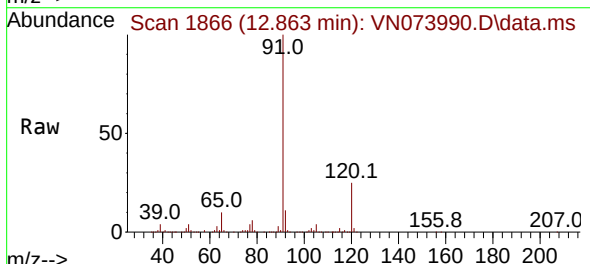
Tgt Ion:156 Resp: 388454
Ion Ratio Lower Upper
156 100
77 184.2 100.5 301.5
158 96.9 48.9 146.6

Manual Integrations
APPROVED

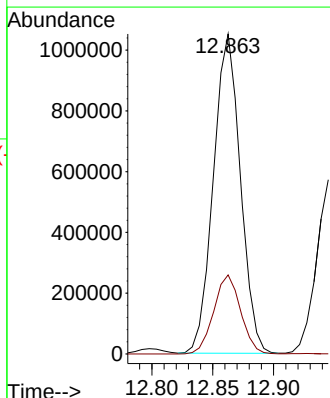
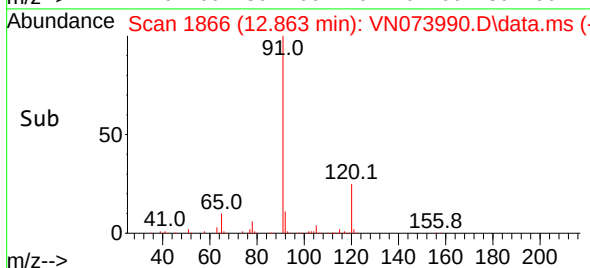
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

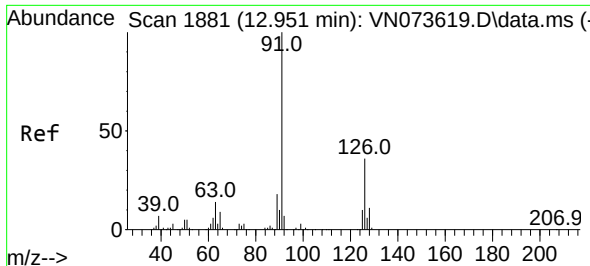


#78
n-propylbenzene
Concen: 49.788 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



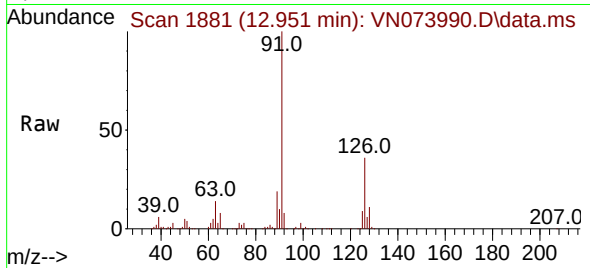
Tgt Ion: 91 Resp: 1619261
Ion Ratio Lower Upper
91 100
120 24.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 48.928 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

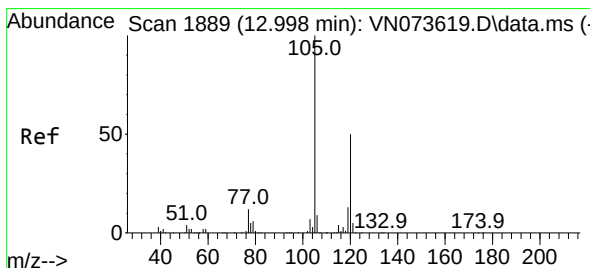
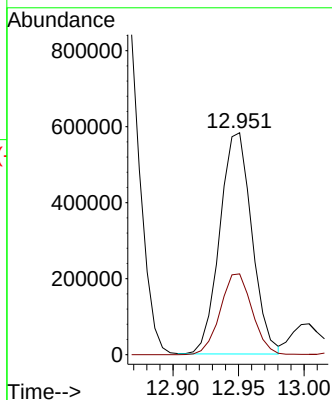
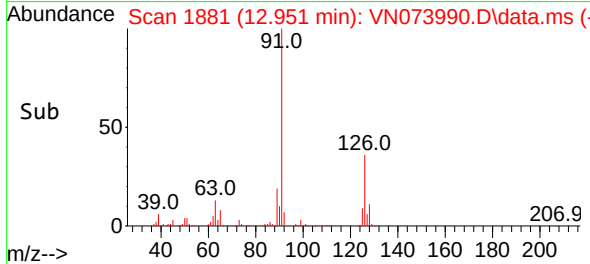
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 991658
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.9

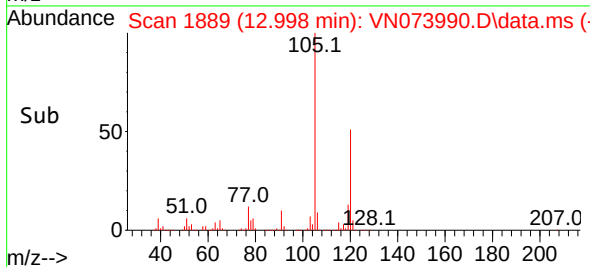
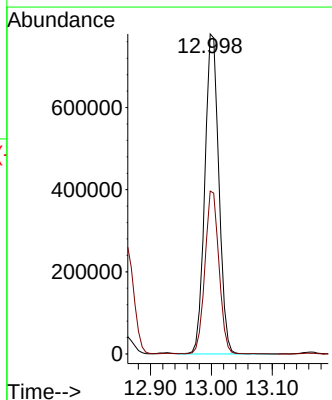
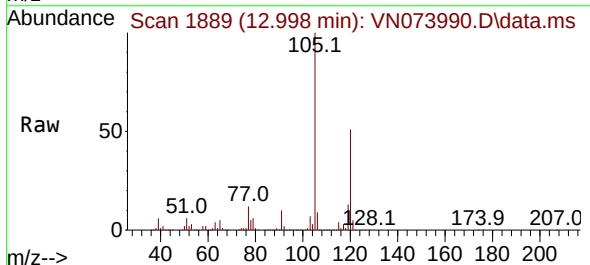
Manual Integrations
APPROVED

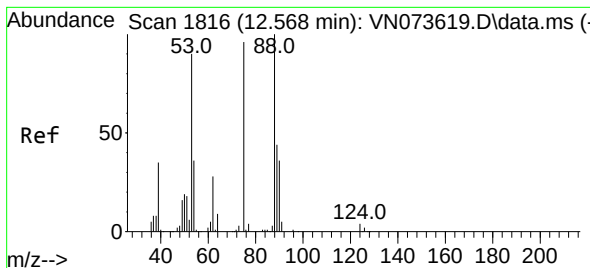
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.146 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

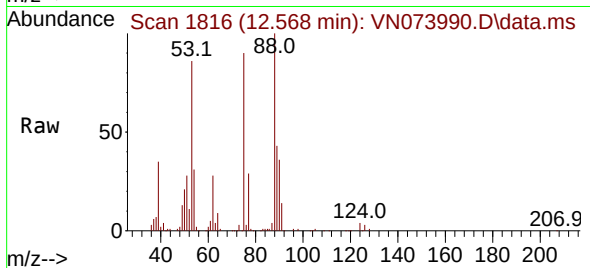
Tgt Ion:105 Resp: 1244479
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 46.585 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

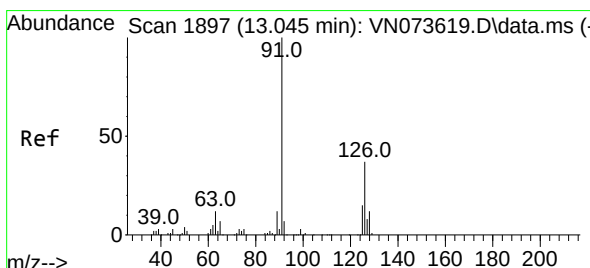
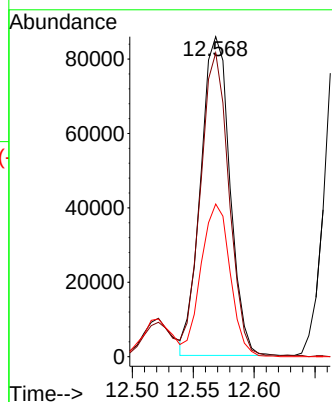
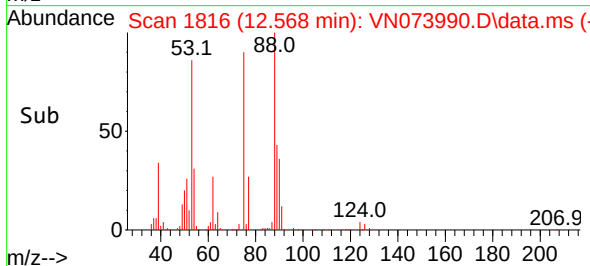
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC



Tgt Ion: 75 Resp: 142644
Ion Ratio Lower Upper
75 100
53 93.4 78.0 117.0
89 48.1 37.2 55.8

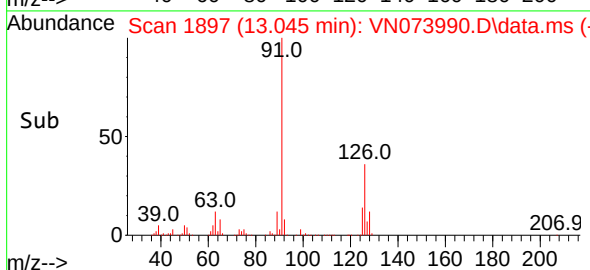
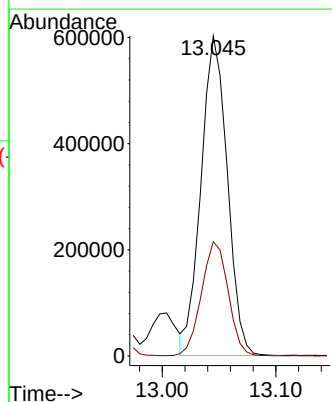
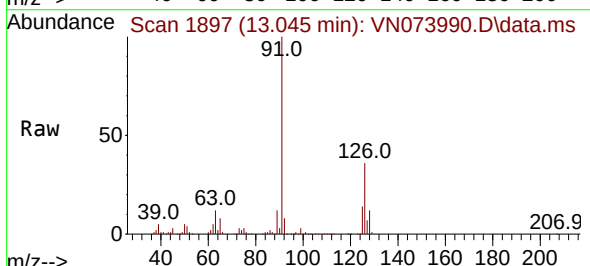
Manual Integrations
APPROVED

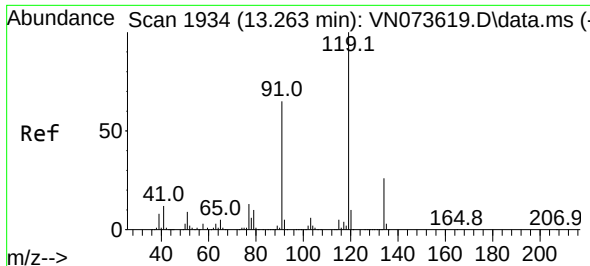
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#82
4-Chlorotoluene
Concen: 50.302 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

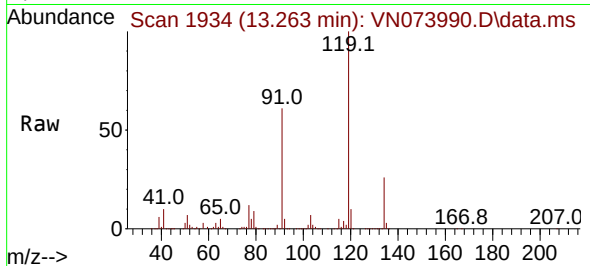
Tgt Ion: 91 Resp: 968309
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.055 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

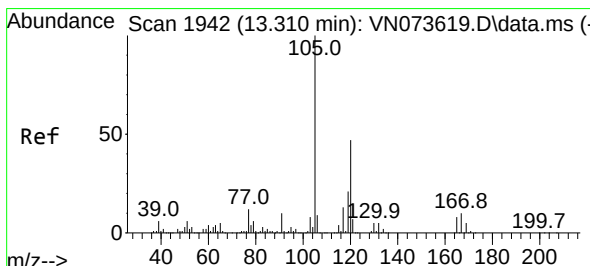
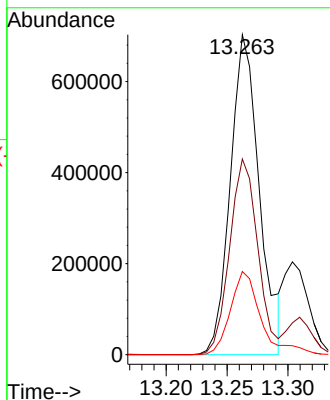
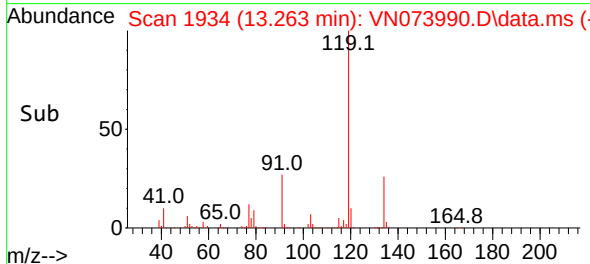
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



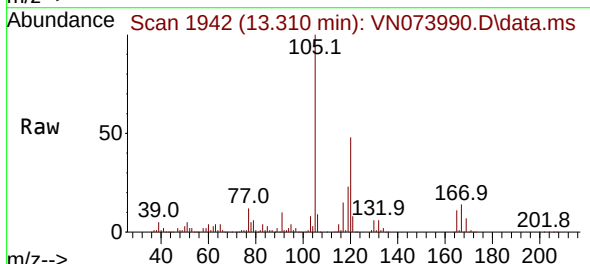
Tgt Ion:119 Resp: 1165954
Ion Ratio Lower Upper
119 100
91 59.5 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
APPROVED

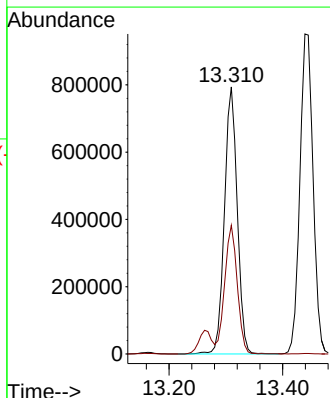
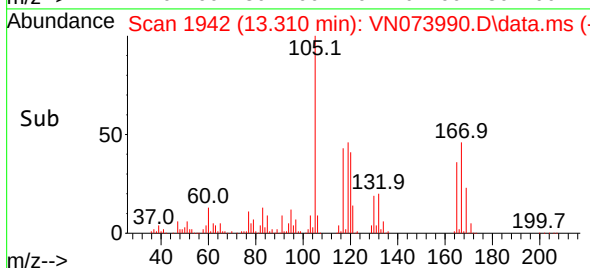
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

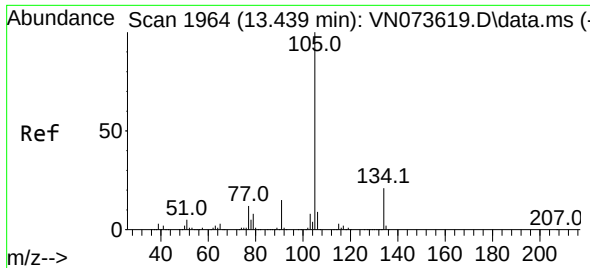


#84
1,2,4-Trimethylbenzene
Concen: 50.339 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



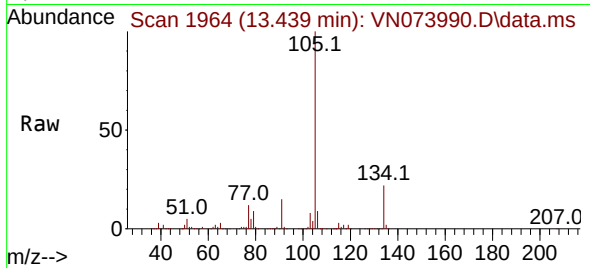
Tgt Ion:105 Resp: 1247521
Ion Ratio Lower Upper
105 100
120 47.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 51.690 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073990.D
 Acq: 17 Aug 2022 20:52

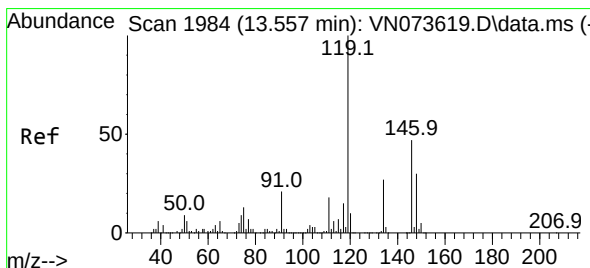
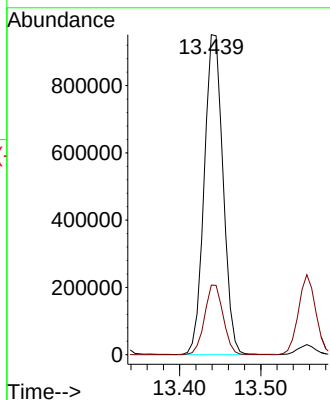
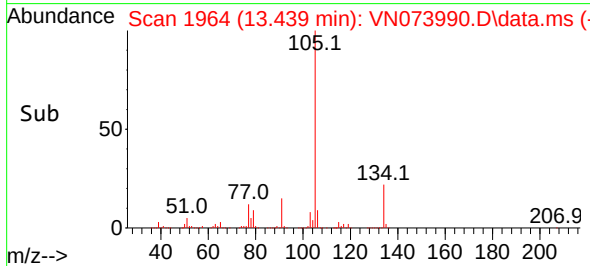
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



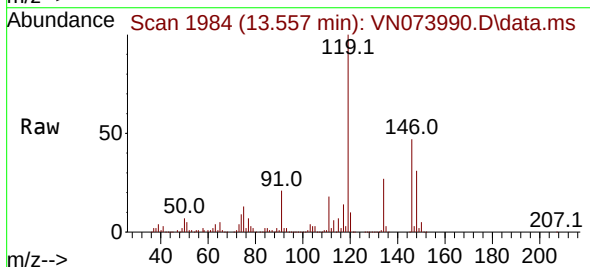
Tgt Ion:105 Resp: 1530150
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1

Manual Integrations
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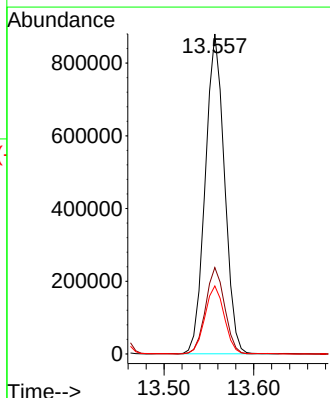
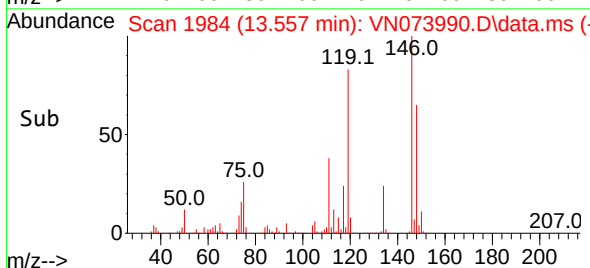
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022

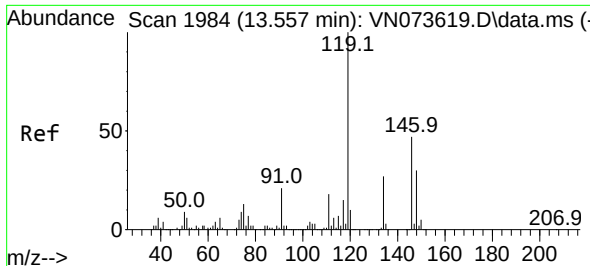


#86
 p-Isopropyltoluene
 Concen: 51.807 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073990.D
 Acq: 17 Aug 2022 20:52



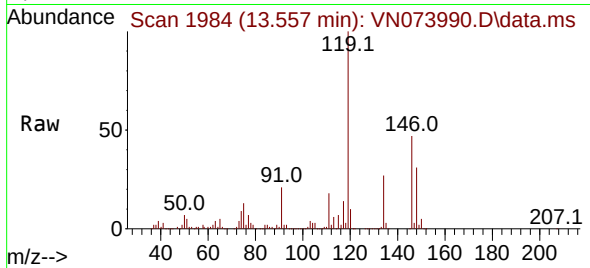
Tgt Ion:119 Resp: 1306509
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 21.4 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.317 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

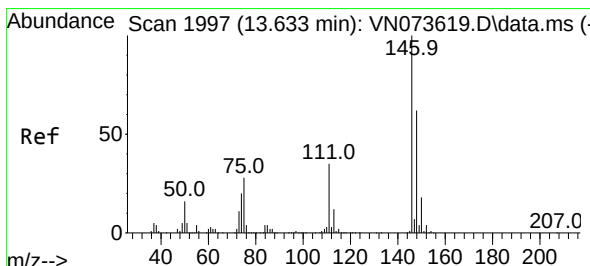
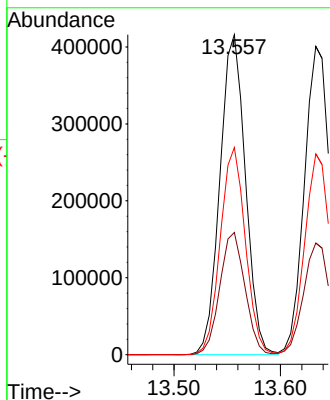
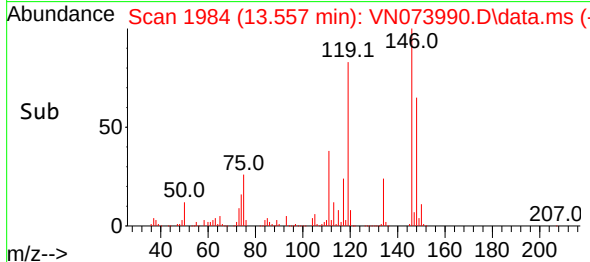
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



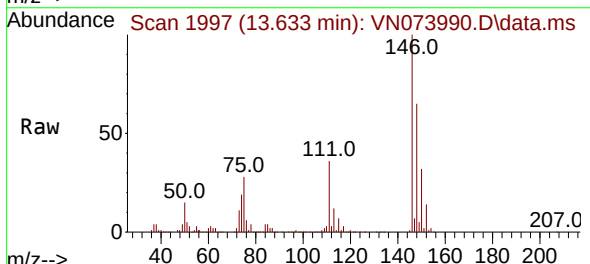
Tgt Ion:146 Resp: 692000
Ion Ratio Lower Upper
146 100
111 37.6 20.0 60.0
148 63.8 32.0 96.0

Manual Integrations
APPROVED

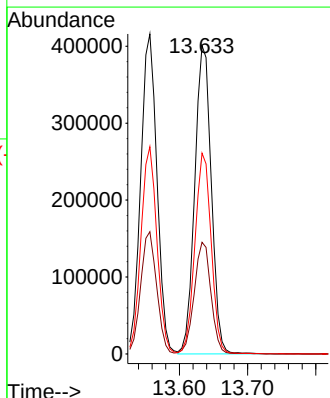
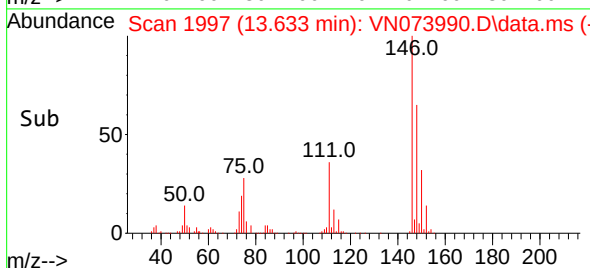
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

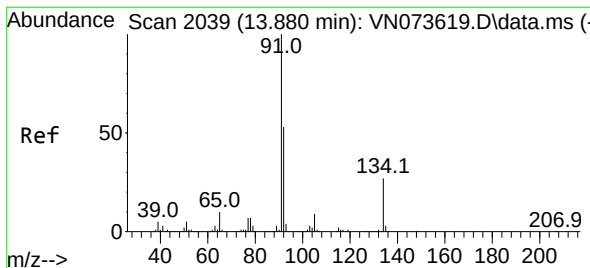


#88
1,4-Dichlorobenzene
Concen: 46.592 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



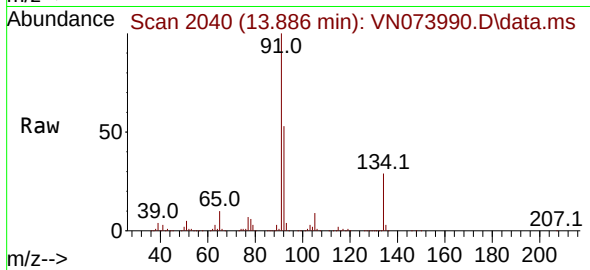
Tgt Ion:146 Resp: 676259
Ion Ratio Lower Upper
146 100
111 36.4 19.1 57.1
148 64.2 31.4 94.3





#89
n-Butylbenzene
Concen: 49.707 ug/l
RT: 13.886 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

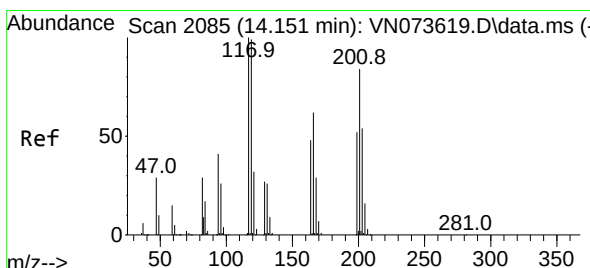
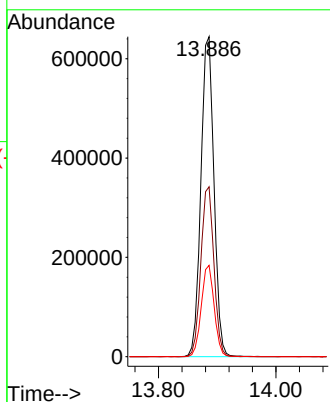
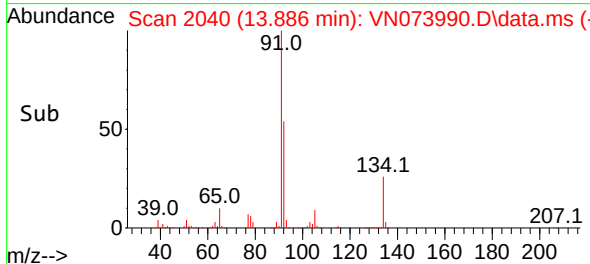
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 992900
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 28.2 13.6 40.8

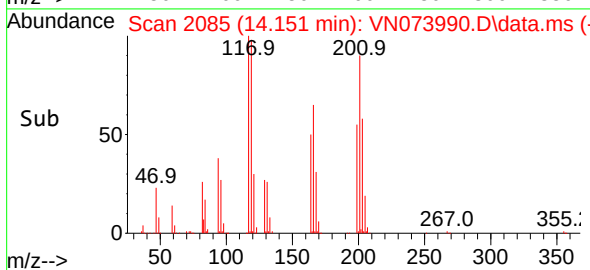
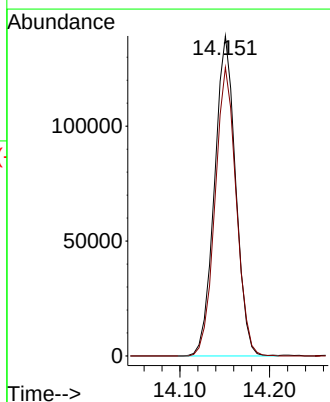
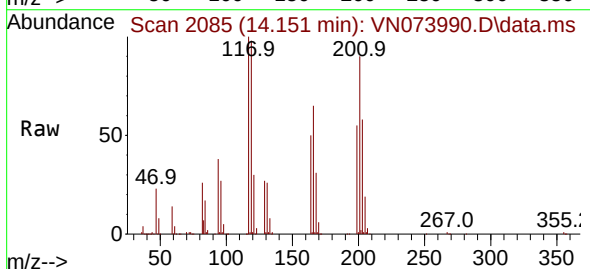
Manual Integrations
APPROVED

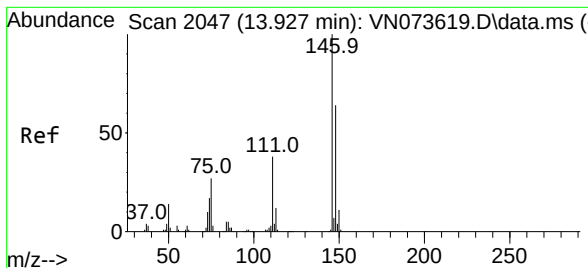
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#90
Hexachloroethane
Concen: 49.372 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

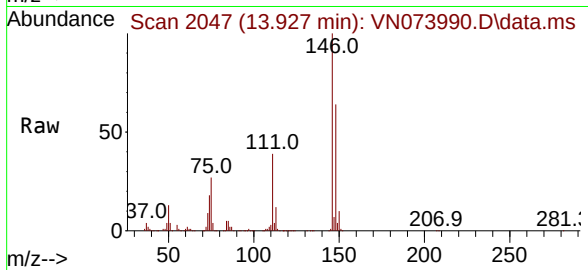
Tgt Ion:117 Resp: 227589
Ion Ratio Lower Upper
117 100
201 90.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 47.229 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

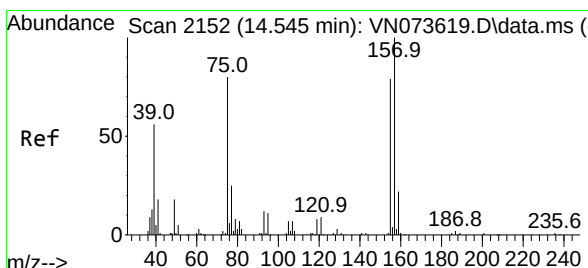
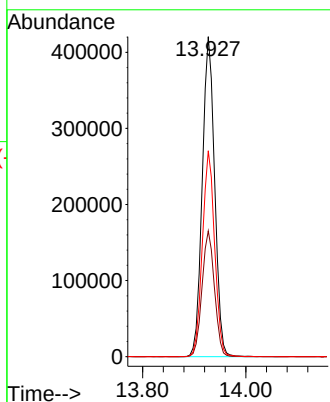
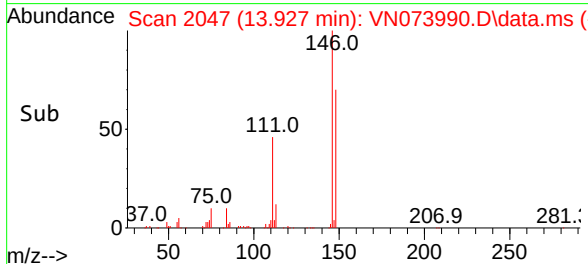
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



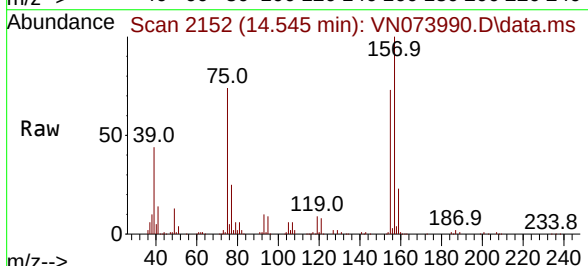
Tgt Ion:146 Resp: 698489
Ion Ratio Lower Upper
146 100
111 39.4 20.9 62.8
148 63.7 32.1 96.3

Manual Integrations
APPROVED

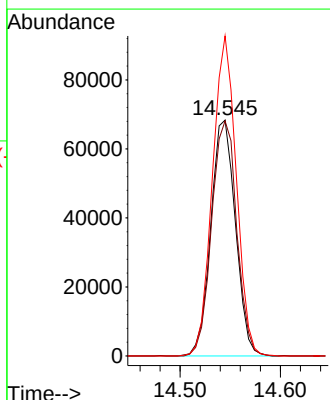
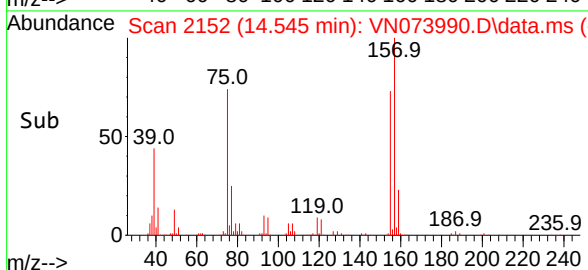
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

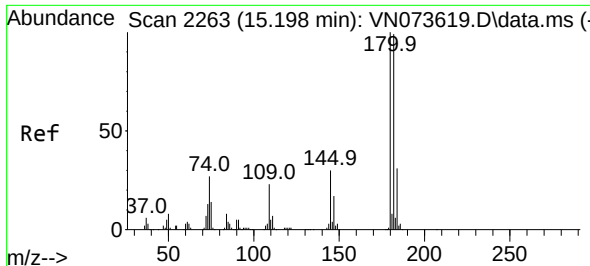


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.359 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



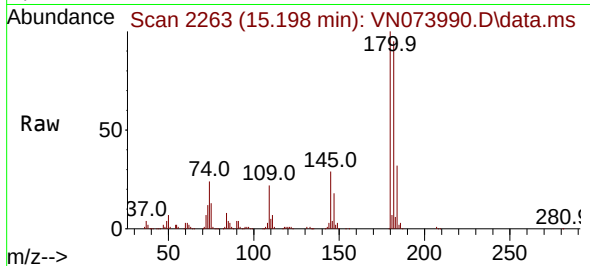
Tgt Ion: 75 Resp: 116907
Ion Ratio Lower Upper
75 100
155 101.3 44.9 134.5
157 130.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 47.797 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

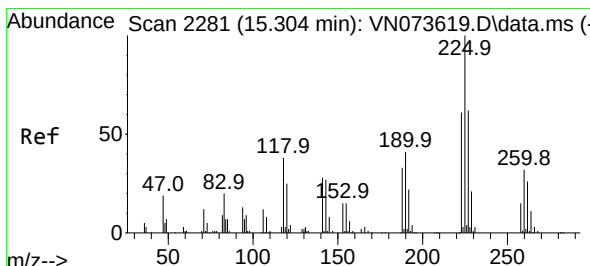
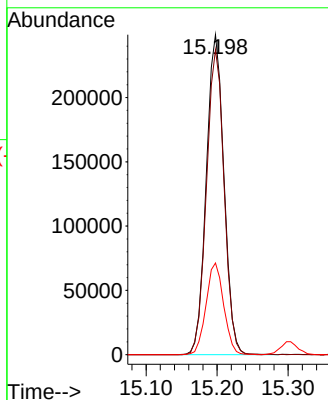
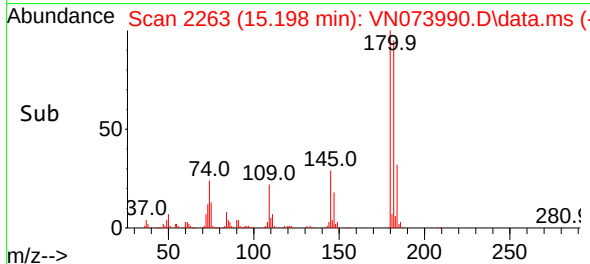
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



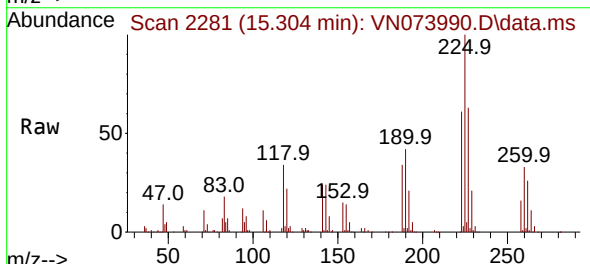
Tgt Ion:180 Resp: 430240
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.5
145 28.6 14.5 43.5

Manual Integrations
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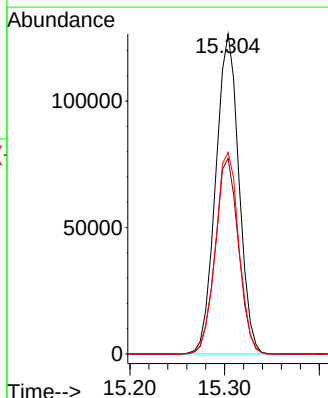
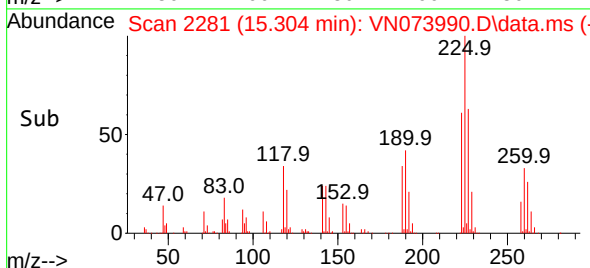
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

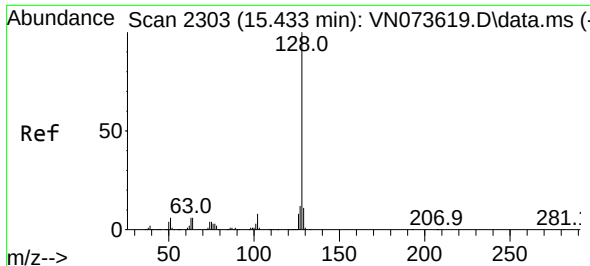


#94
Hexachlorobutadiene
Concen: 45.396 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52



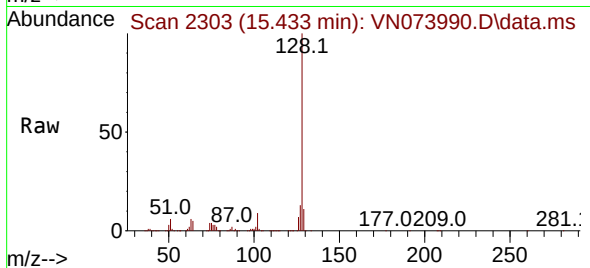
Tgt Ion:225 Resp: 215400
Ion Ratio Lower Upper
225 100
223 61.1 32.4 97.2
227 63.4 31.8 95.4





#95
Naphthalene
Concen: 50.149 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

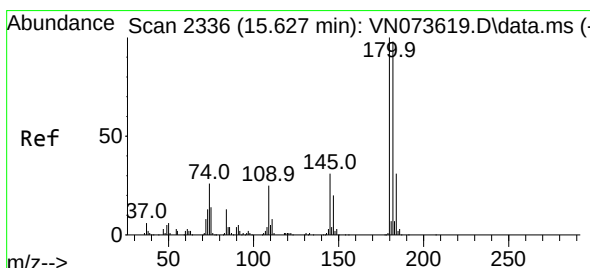
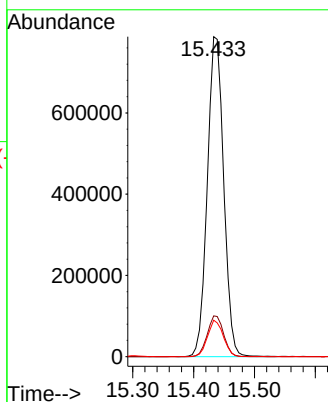
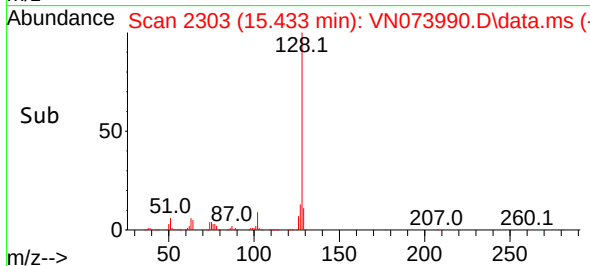
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1471649
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.013 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073990.D
Acq: 17 Aug 2022 20:52

Tgt Ion:180 Resp: 446712
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 29.4 15.5 46.5

