

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073627.D
 Acq On : 29 Jul 2022 10:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 04:04:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	419800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	653598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	613556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	301425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	239148	46.746	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.500%		
35) Dibromofluoromethane	7.951	113	201897	49.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	10.381	98	811168	50.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.460%		
62) 4-Bromofluorobenzene	12.669	95	271294	50.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	182360	44.786	ug/l	98
3) Chloromethane	2.269	50	233466	47.585	ug/l	99
4) Vinyl Chloride	2.405	62	287322	40.347	ug/l	99
5) Bromomethane	2.781	94	199244	48.242	ug/l	96
6) Chloroethane	2.952	64	199133	47.852	ug/l	100
7) Trichlorofluoromethane	3.310	101	311593	42.456	ug/l	100
8) Diethyl Ether	3.763	74	128584	46.660	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	188030	46.307	ug/l	98
10) Methyl Iodide	4.346	142	219795	53.245	ug/l	99
11) Tert butyl alcohol	5.287	59	259102	234.837	ug/l	99
12) 1,1-Dichloroethene	4.110	96	181135	45.478	ug/l	91
13) Acrolein	3.975	56	310391	283.765	ug/l	99
14) Allyl chloride	4.757	41	281793	44.252	ug/l	97
15) Acrylonitrile	5.475	53	702771	230.265	ug/l	100
16) Acetone	4.216	43	552398	201.032	ug/l	96
17) Carbon Disulfide	4.457	76	463286	43.868	ug/l	99
18) Methyl Acetate	4.769	43	300315	43.930	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	672100	49.394	ug/l	98
20) Methylene Chloride	5.004	84	222875	50.144	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	200829	46.579	ug/l	94
22) Diisopropyl ether	6.404	45	636744	46.348	ug/l	96
23) Vinyl Acetate	6.346	43	2856213	247.972	ug/l	99
24) 1,1-Dichloroethane	6.304	63	376331	44.527	ug/l	99
25) 2-Butanone	7.257	43	928913	217.682	ug/l	99
26) 2,2-Dichloropropane	7.245	77	291573	44.840	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	249590	46.985	ug/l	94
28) Bromochloromethane	7.581	49	162018	45.655	ug/l	95
29) Tetrahydrofuran	7.604	42	605413	224.394	ug/l	96
30) Chloroform	7.745	83	399908	45.414	ug/l	100
31) Cyclohexane	8.022	56	328296	43.103	ug/l	96
32) 1,1,1-Trichloroethane	7.940	97	337329	46.136	ug/l	98
36) 1,1-Dichloropropene	8.145	75	287825	49.205	ug/l	99
37) Ethyl Acetate	7.334	43	376516	48.876	ug/l	98
38) Carbon Tetrachloride	8.134	117	293394	49.385	ug/l	99
39) Methylcyclohexane	9.392	83	367201	52.532	ug/l	97
40) Benzene	8.387	78	906151	47.705	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	167848	48.151	ug/l	96
42) 1,2-Dichloroethane	8.463	62	305793	47.767	ug/l	98
43) Isopropyl Acetate	8.492	43	531778	51.108	ug/l	99
44) Trichloroethene	9.151	130	238001	49.410	ug/l	96
45) 1,2-Dichloropropane	9.422	63	224004	47.180	ug/l	97
46) Dibromomethane	9.510	93	162842	49.418	ug/l	99
47) Bromodichloromethane	9.698	83	312605	49.428	ug/l	99
48) Methyl methacrylate	9.498	41	247203	54.276	ug/l	97
49) 1,4-Dioxane	9.504	88	131098	1021.111	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	1850867	248.009	ug/l	99
52) Toluene	10.439	92	586764	50.573	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	338577	54.190	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	369449	52.473	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	244619	50.560	ug/l	98
56) Ethyl methacrylate	10.698	69	382576	57.373	ug/l	98
57) 1,3-Dichloropropane	10.986	76	407858	49.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	824857	234.401	ug/l	100
59) 2-Hexanone	11.028	43	1439678	254.622	ug/l	100
60) Dibromochloromethane	11.181	129	261135	54.253	ug/l	100
61) 1,2-Dibromoethane	11.286	107	260593	52.297	ug/l	99
64) Tetrachloroethene	10.916	164	232528	47.687	ug/l	98
65) Chlorobenzene	11.710	112	642025	49.264	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	240906	51.537	ug/l	99
67) Ethyl Benzene	11.786	91	1130426	51.415	ug/l	99
68) m/p-Xylenes	11.892	106	888573	105.964	ug/l	99
69) o-Xylene	12.222	106	439823	53.799	ug/l	98
70) Styrene	12.233	104	731675	55.909	ug/l	98
71) Bromoform	12.398	173	211513	54.820	ug/l #	99
73) Isopropylbenzene	12.522	105	1138741	51.608	ug/l	100
74) N-amyl acetate	12.328	43	434815	52.156	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	383017	44.984	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	275002m	49.789	ug/l	
77) Bromobenzene	12.798	156	287978	50.117	ug/l	96
78) n-propylbenzene	12.863	91	1294922	52.157	ug/l	100
79) 2-Chlorotoluene	12.945	91	772917	49.880	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	954840	52.584	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	121873	52.397	ug/l	98
82) 4-Chlorotoluene	13.045	91	744001	50.660	ug/l	97
83) tert-Butylbenzene	13.263	119	843955	52.473	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	948936	53.147	ug/l	100
85) sec-Butylbenzene	13.439	105	1180040	53.085	ug/l	99
86) p-Isopropyltoluene	13.557	119	1009422	57.602	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	522255	49.793	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	514209	48.999	ug/l	97
89) n-Butylbenzene	13.880	91	793203	55.630	ug/l	99
90) Hexachloroethane	14.151	117	176914	50.883	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	522343	49.146	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	84591	49.447	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	313754	59.445	ug/l	98
94) Hexachlorobutadiene	15.304	225	147963	51.566	ug/l	98
95) Naphthalene	15.433	128	1034749	60.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	312712	56.294	ug/l	99

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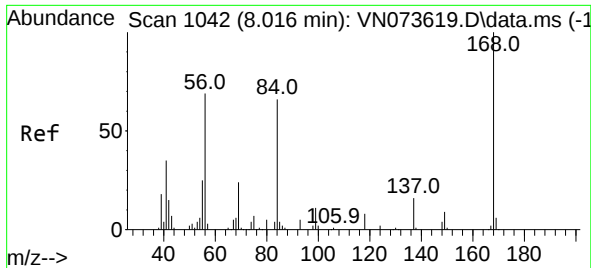
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APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

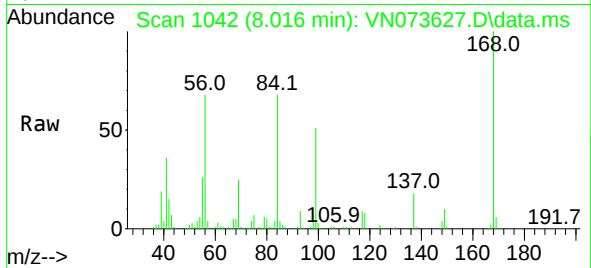
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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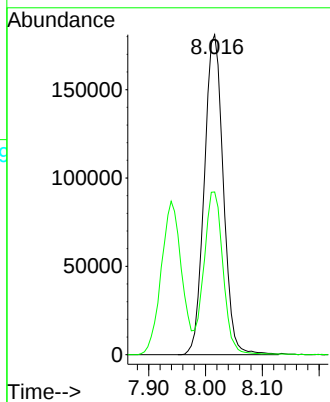
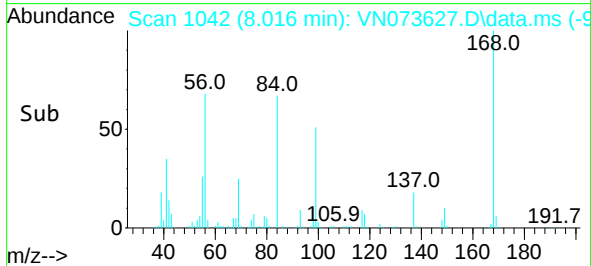
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



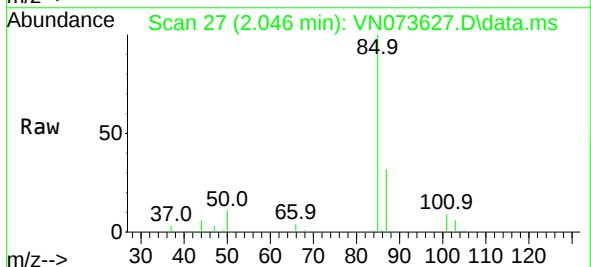
Tgt Ion:168 Resp: 419800
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5

Manual Integrations
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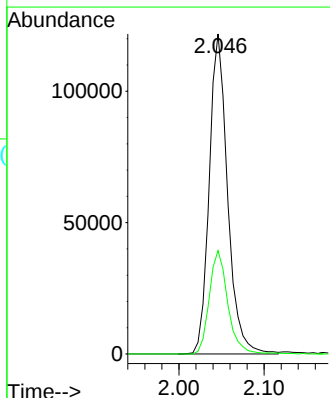
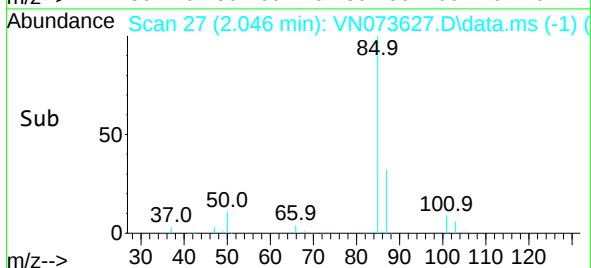
Reviewed By :John Carlone 08/01/2022
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#2
Dichlorodifluoromethane
Concen: 44.786 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



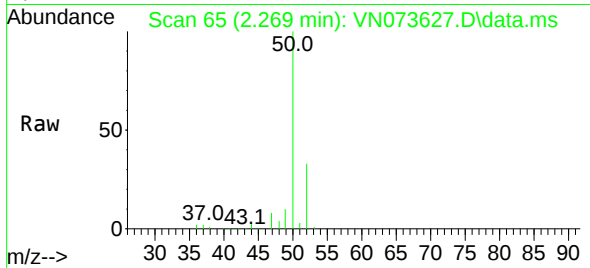
Tgt Ion: 85 Resp: 182360
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3
Chloromethane
Concen: 47.585 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

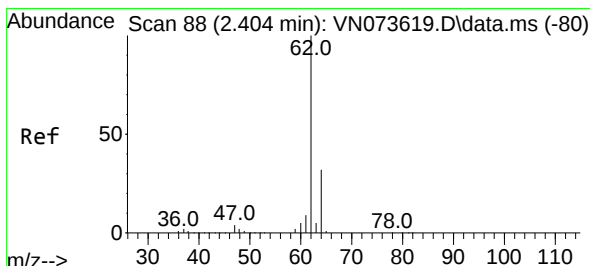
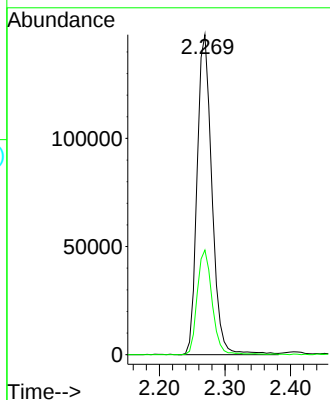
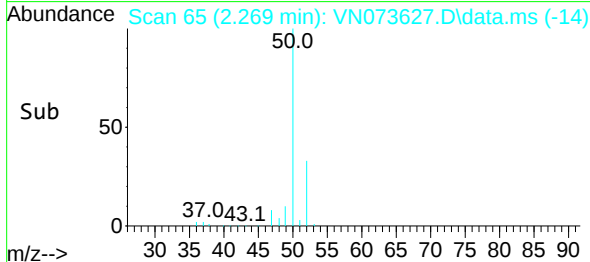
Instrument :
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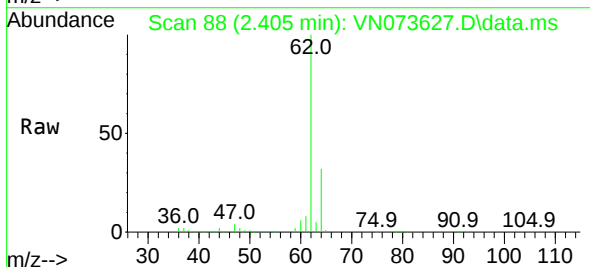
Tgt Ion: 50 Resp: 233460
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

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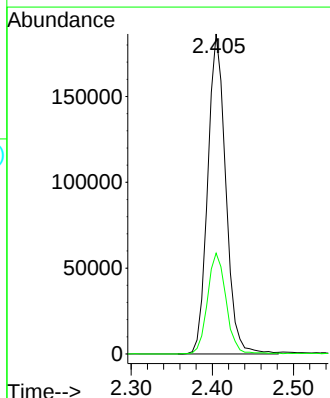
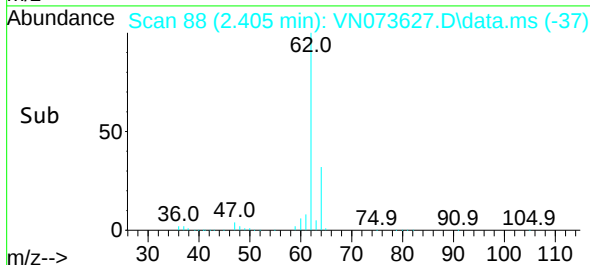
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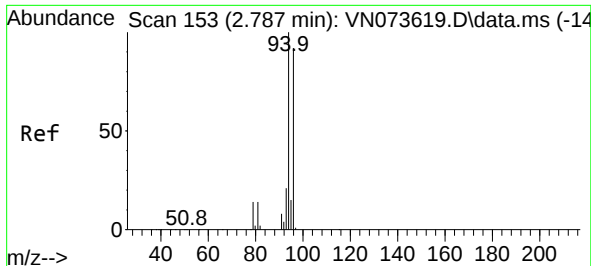


#4
Vinyl Chloride
Concen: 40.347 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



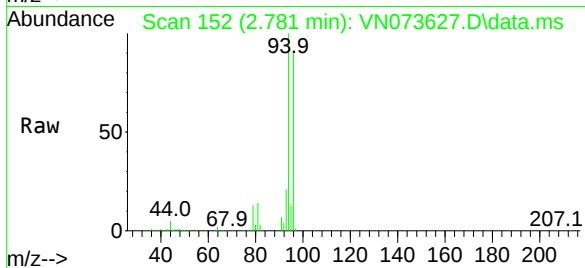
Tgt Ion: 62 Resp: 287322
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4





#5
Bromomethane
Concen: 48.242 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

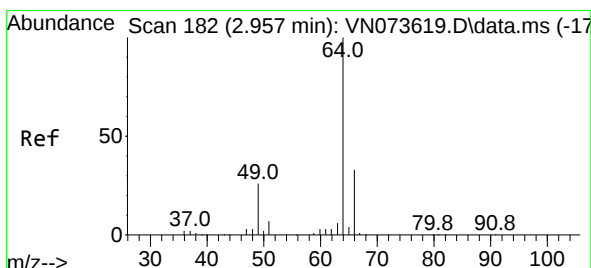
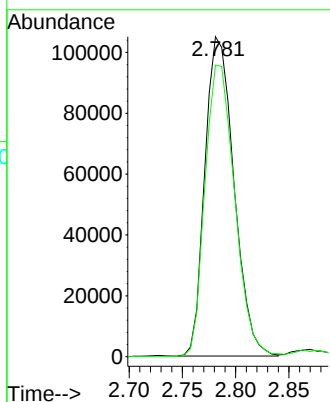
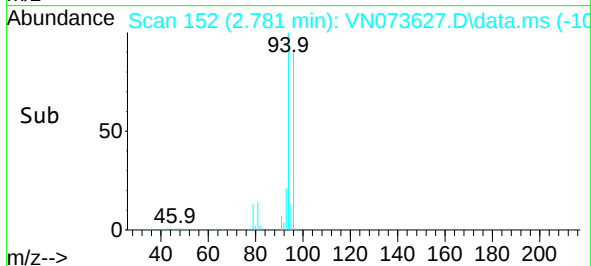
Instrument :
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Tgt Ion: 94 Resp: 199244
Ion Ratio Lower Upper
94 100
96 91.1 76.0 114.0

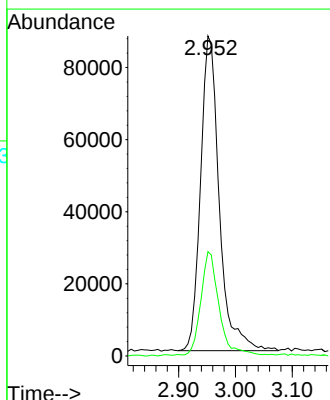
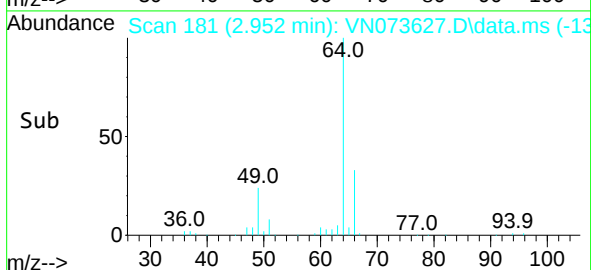
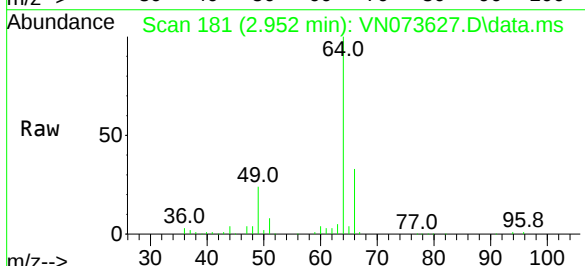
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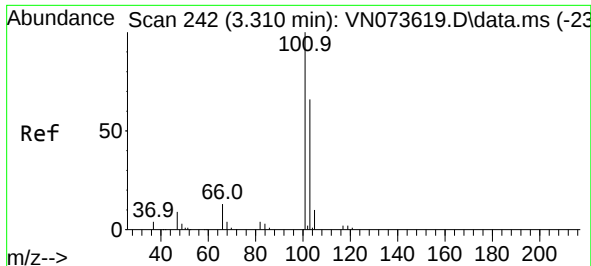
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#6
Chloroethane
Concen: 47.852 ug/l
RT: 2.952 min Scan# 181
Delta R.T. -0.005 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

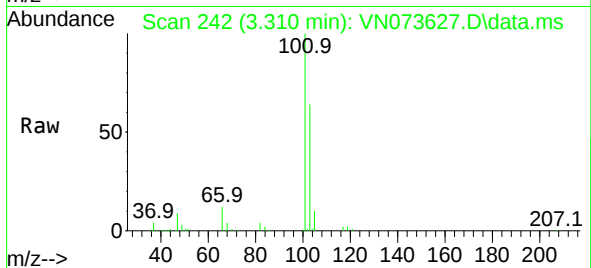
Tgt Ion: 64 Resp: 199133
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 42.456 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN073627.D
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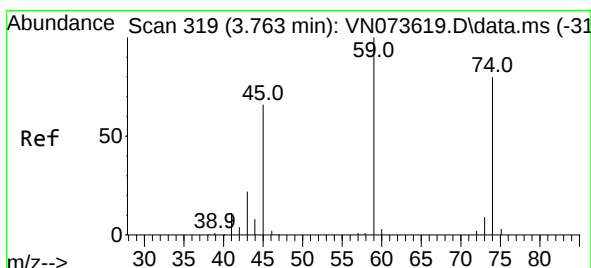
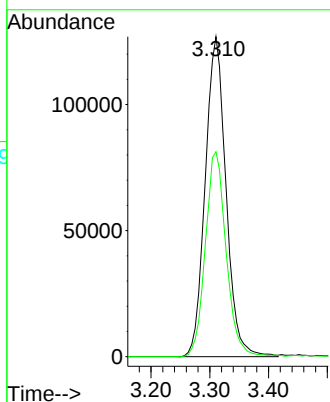
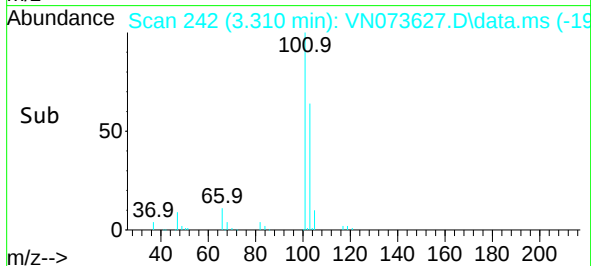
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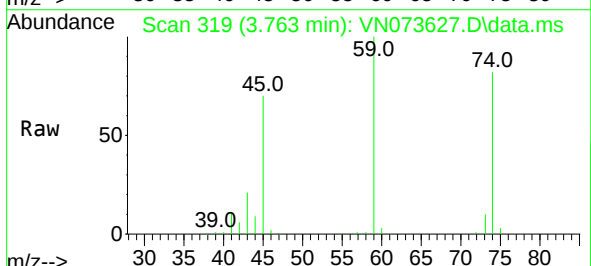
Tgt Ion:101 Resp: 31159
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.5 77.3

Manual Integrations
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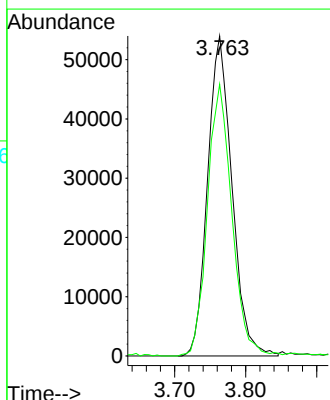
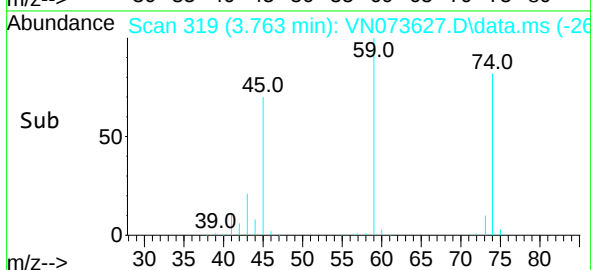
Reviewed By :John Carlone 08/01/2022
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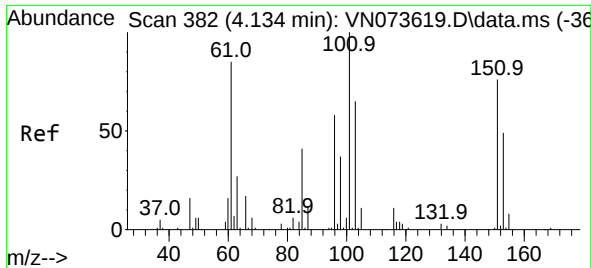


#8
 Diethyl Ether
 Concen: 46.660 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073627.D
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Tgt Ion: 74 Resp: 128584
 Ion Ratio Lower Upper
 74 100
 45 85.1 42.9 128.5





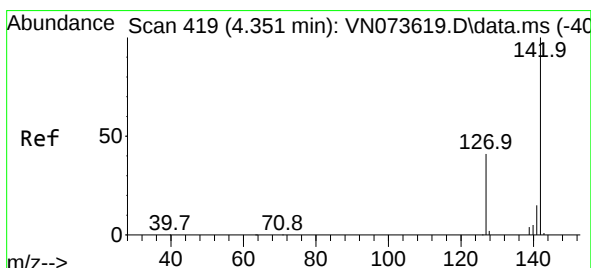
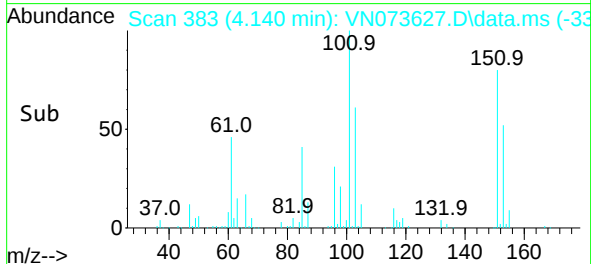
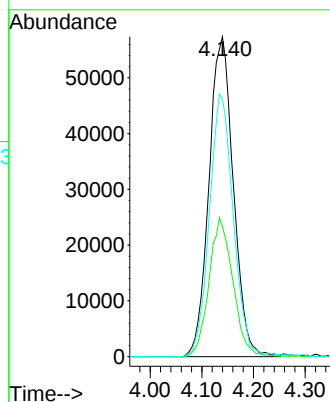
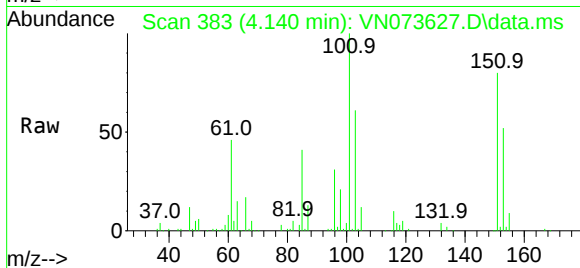
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.307 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073627.D
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Tgt Ion:101 Resp: 188030
Ion Ratio Lower Upper
101 100
85 42.4 34.7 52.1
151 80.2 63.0 94.4

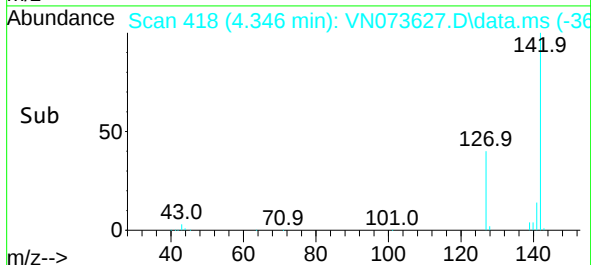
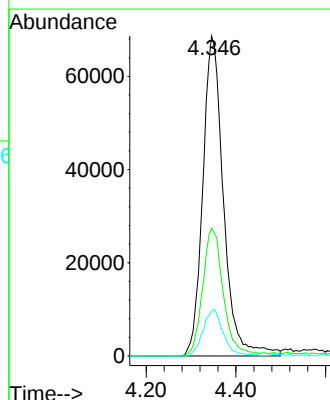
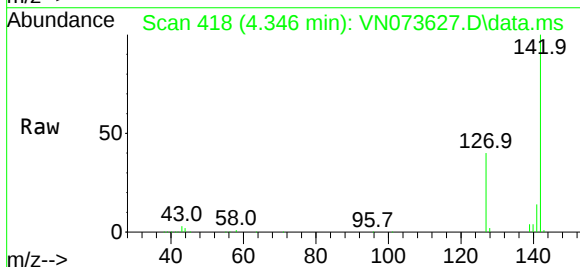
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#10
Methyl Iodide
Concen: 53.245 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

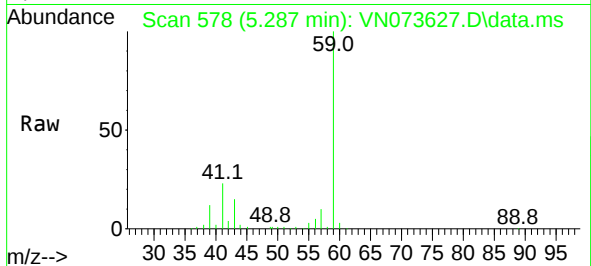
Tgt Ion:142 Resp: 219795
Ion Ratio Lower Upper
142 100
127 39.7 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 234.837 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

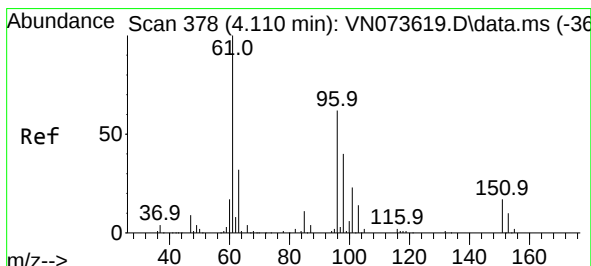
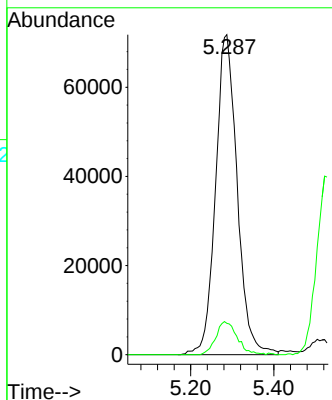
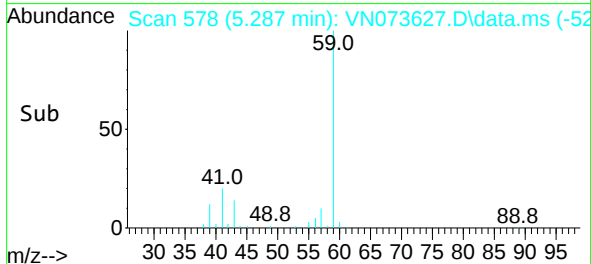
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 25910
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

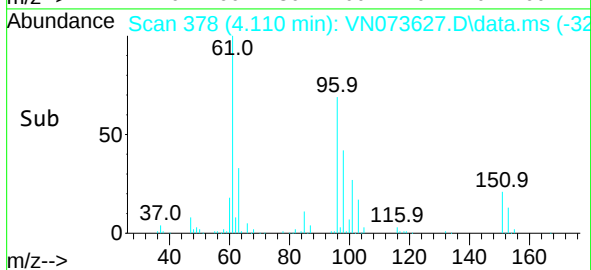
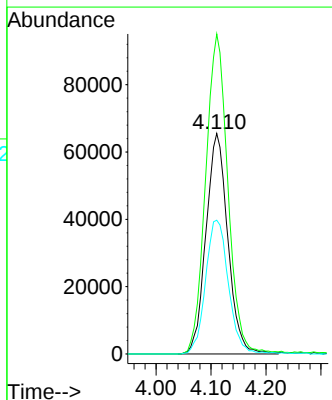
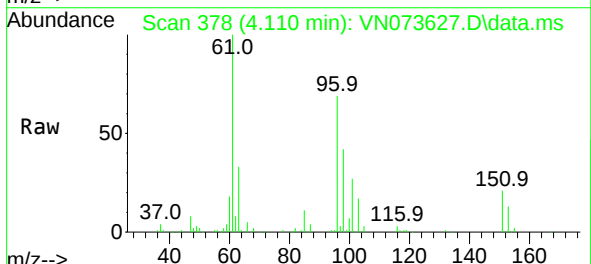
Manual Integrations
APPROVED

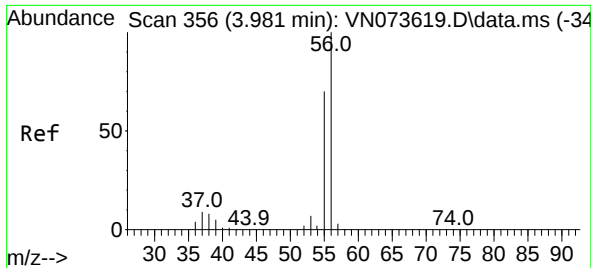
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#12
1,1-Dichloroethene
Concen: 45.478 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

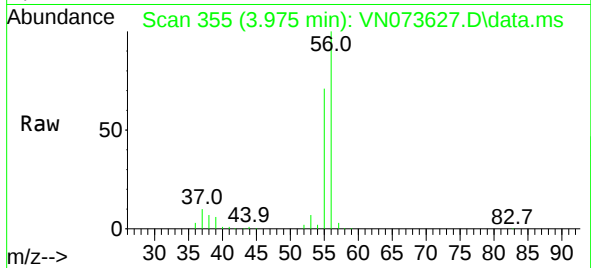
Tgt Ion: 96 Resp: 181135
Ion Ratio Lower Upper
96 100
61 145.2 127.6 191.4
98 60.7 51.2 76.8





#13
Acrolein
Concen: 283.765 ug/l
RT: 3.975 min Scan# 31039
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

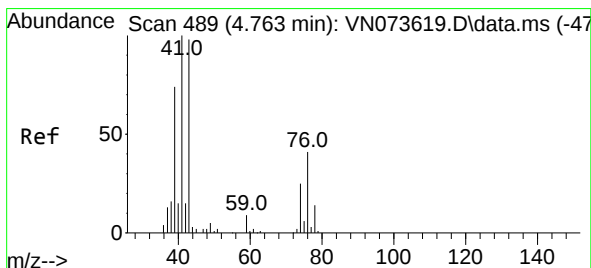
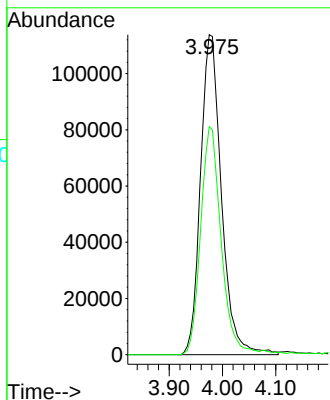
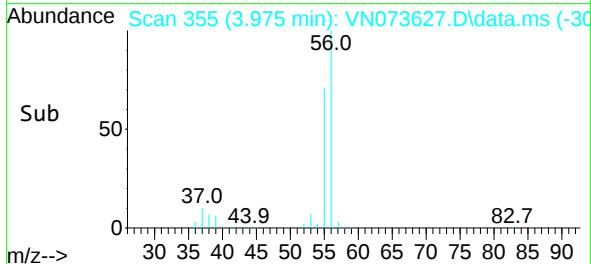
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



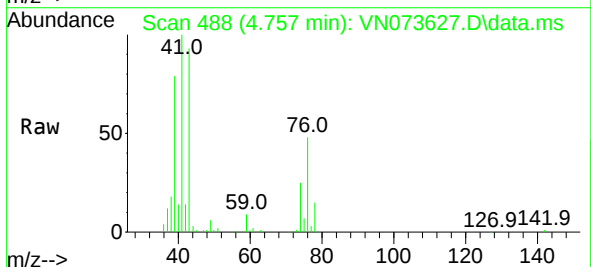
Tgt Ion: 56 Resp: 31039
Ion Ratio Lower Upper
56 100
55 69.4 54.8 82.2

Manual Integrations
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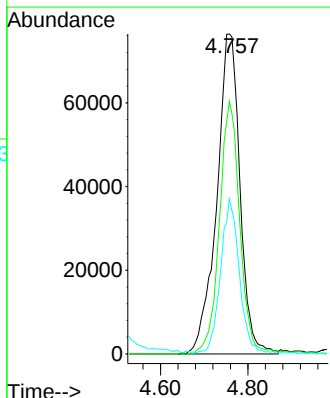
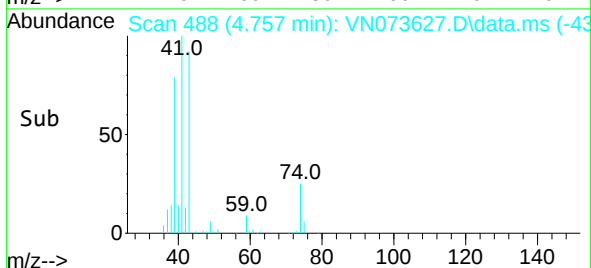
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#14
Allyl chloride
Concen: 44.252 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



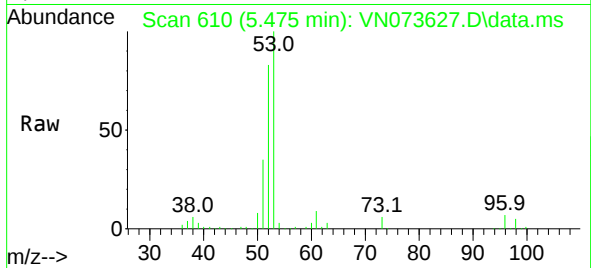
Tgt Ion: 41 Resp: 281793
Ion Ratio Lower Upper
41 100
39 69.2 53.2 79.8
76 38.2 29.9 44.9





#15
Acrylonitrile
Concen: 230.265 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

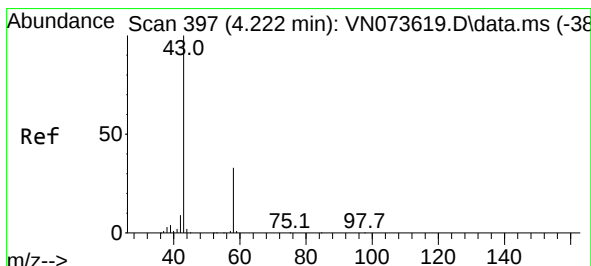
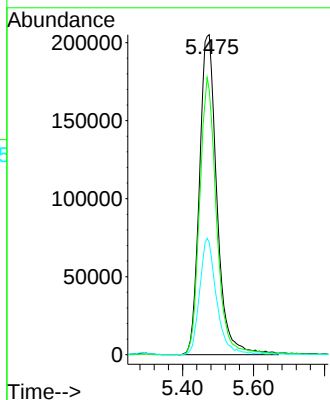
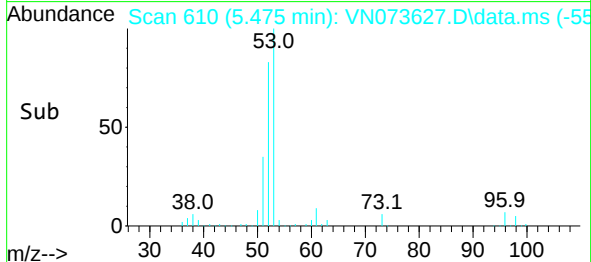
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



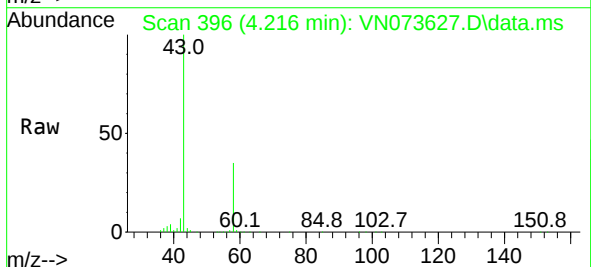
Tgt Ion: 53 Resp: 70277
Ion Ratio Lower Upper
53 100
52 83.3 66.4 99.6
51 35.2 28.5 42.7

Manual Integrations
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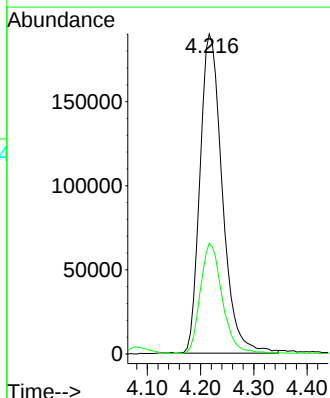
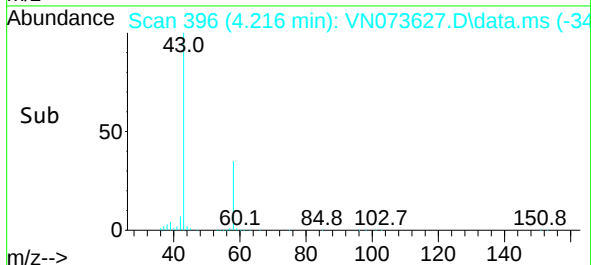
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

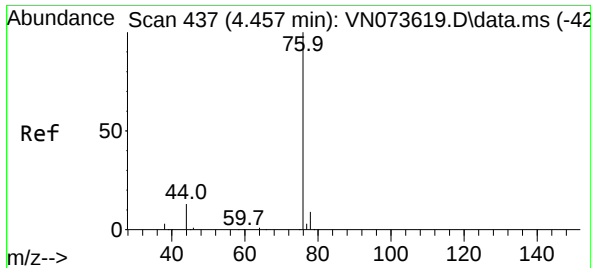


#16
Acetone
Concen: 201.032 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



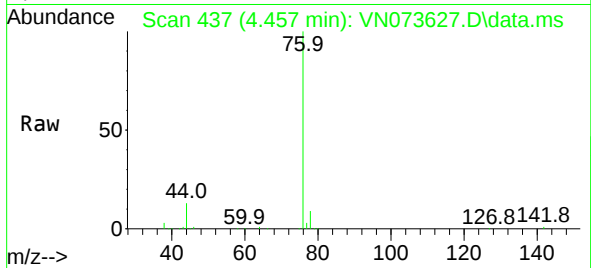
Tgt Ion: 43 Resp: 552398
Ion Ratio Lower Upper
43 100
58 34.6 26.0 39.0





#17
Carbon Disulfide
Concen: 43.868 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

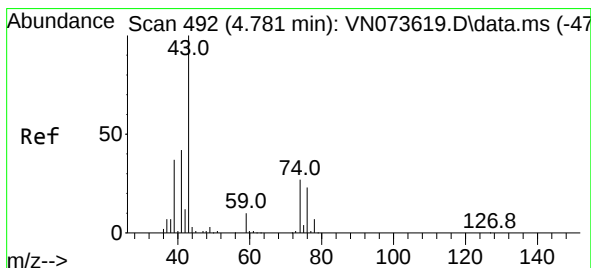
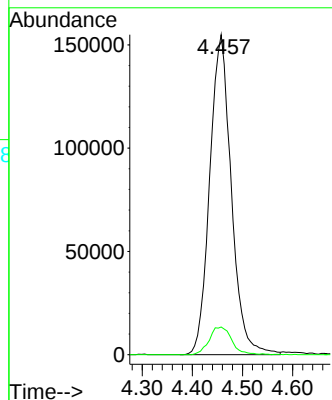
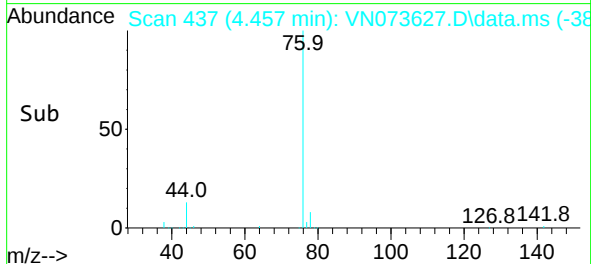
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



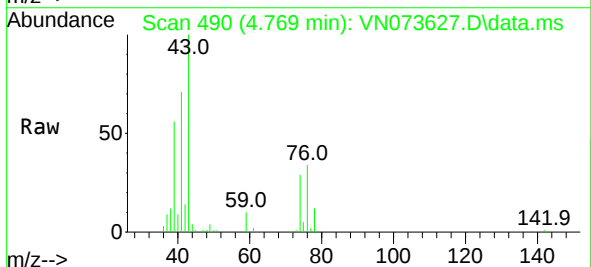
Tgt Ion: 76 Resp: 463280
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

Manual Integrations
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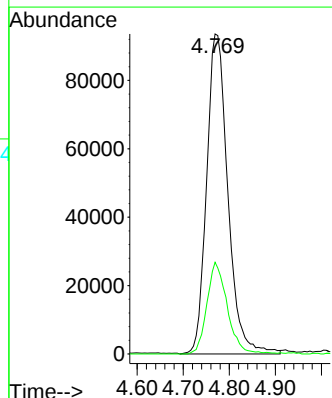
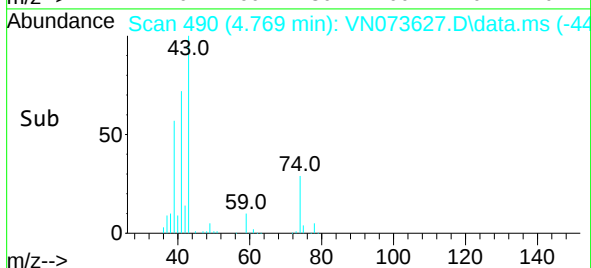
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#18
Methyl Acetate
Concen: 43.930 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



Tgt Ion: 43 Resp: 300315
Ion Ratio Lower Upper
43 100
74 27.5 21.6 32.4





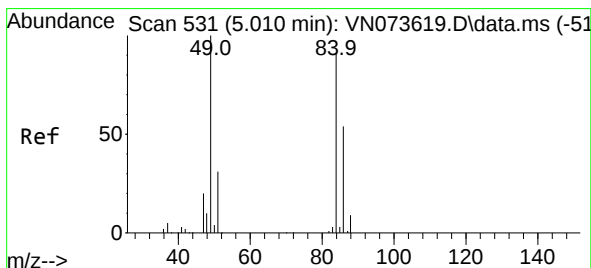
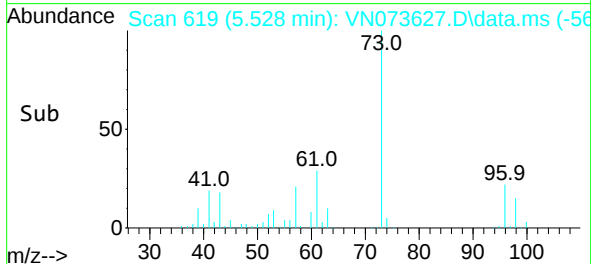
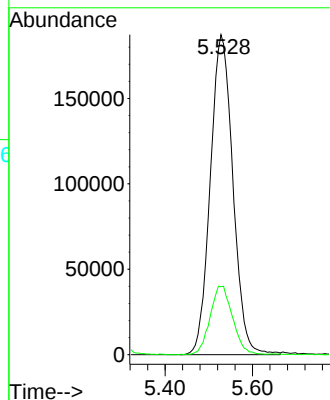
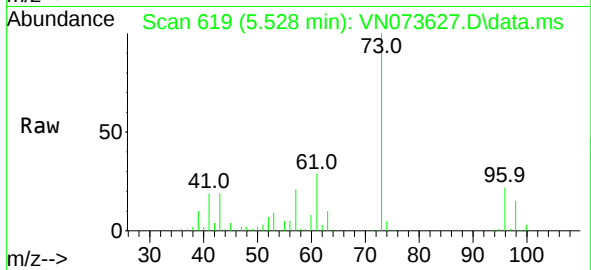
#19
Methyl tert-butyl Ether
Concen: 49.394 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 672100
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

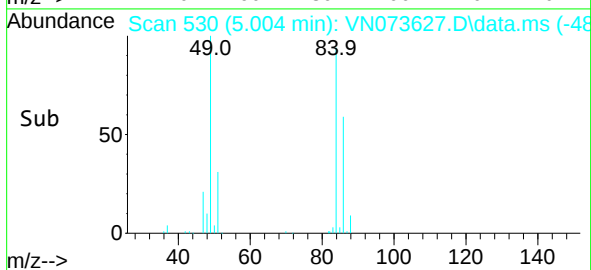
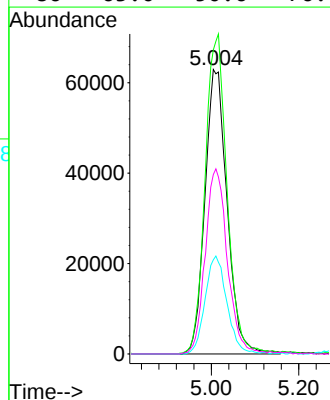
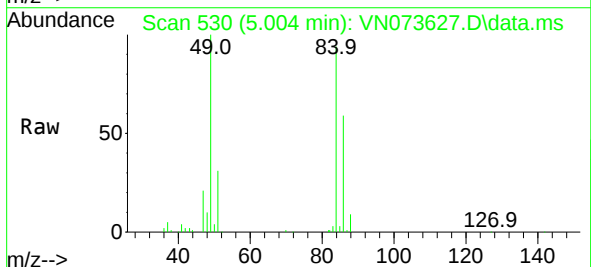
Manual Integrations
APPROVED

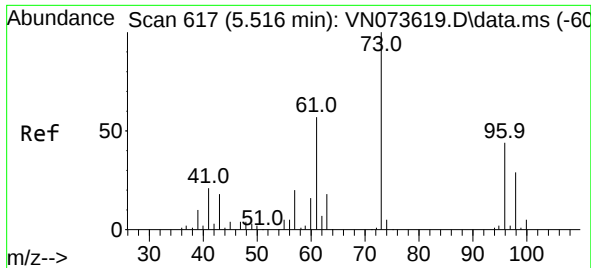
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#20
Methylene Chloride
Concen: 50.144 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

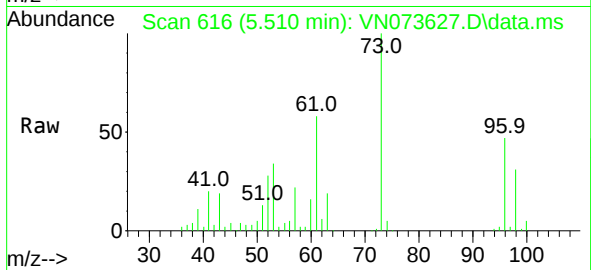
Tgt Ion: 84 Resp: 222875
Ion Ratio Lower Upper
84 100
49 106.5 88.3 132.5
51 33.1 28.2 42.2
86 63.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.579 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

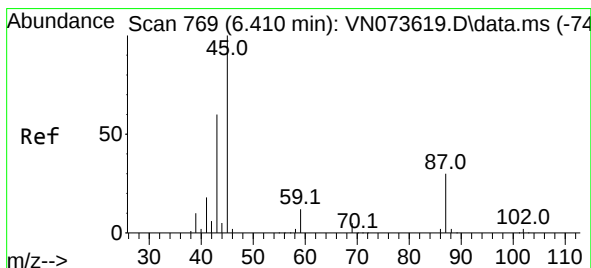
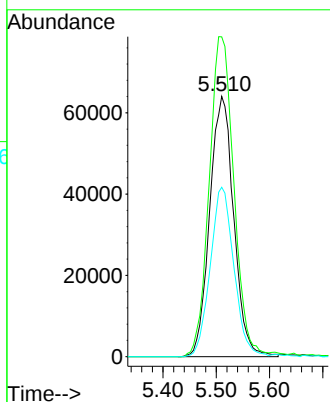
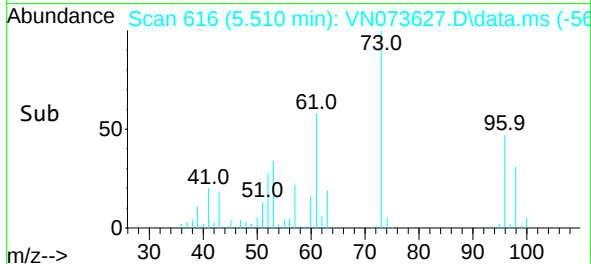
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 200829
Ion Ratio Lower Upper
96 100
61 122.9 105.8 158.8
98 65.1 50.3 75.5

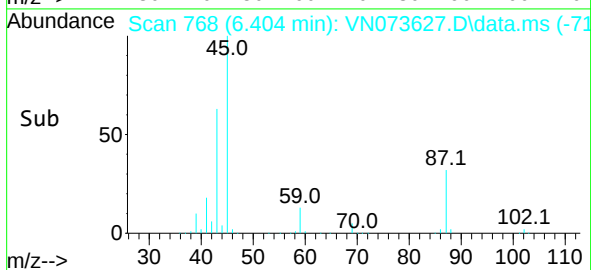
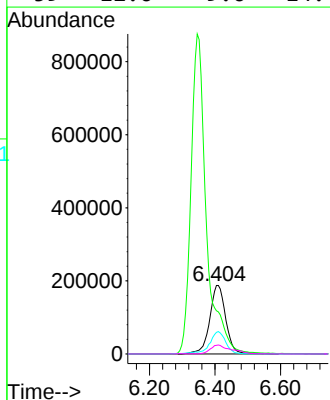
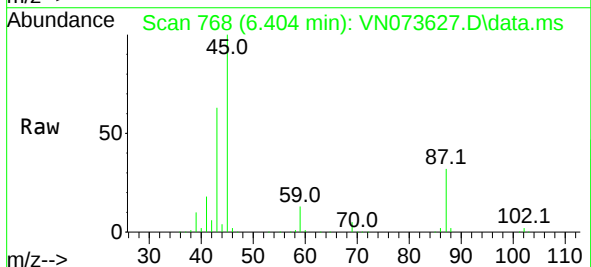
Manual Integrations
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Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#22
Diisopropyl ether
Concen: 46.348 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Tgt Ion: 45 Resp: 636744
Ion Ratio Lower Upper
45 100
43 62.3 46.6 70.0
87 31.6 24.3 36.5
59 12.6 9.6 14.4





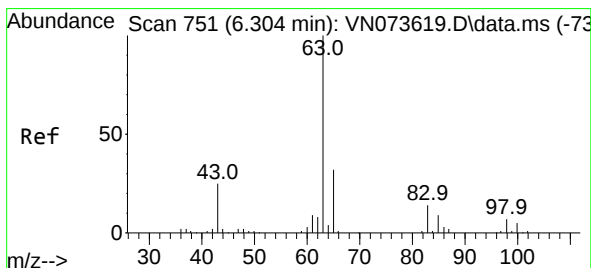
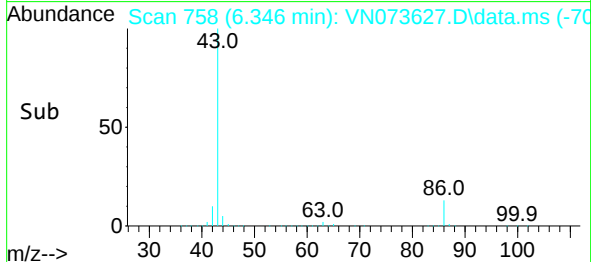
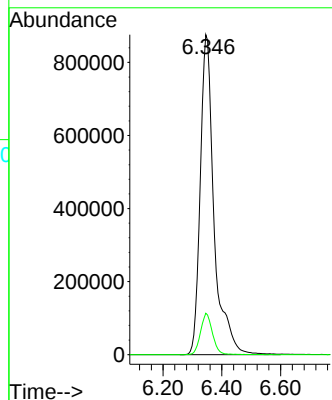
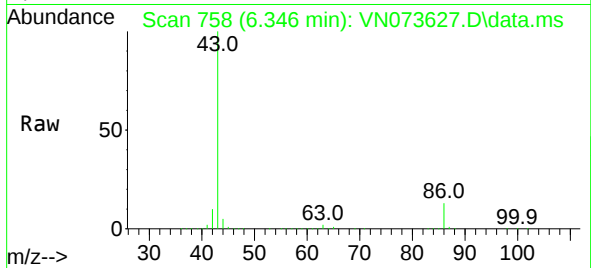
#23
 Vinyl Acetate
 Concen: 247.972 ug/l
 RT: 6.346 min Scan# 758
 Delta R.T. -0.005 min
 Lab File: VN073627.D
 Acq: 29 Jul 2022 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 285621
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.0 15.0

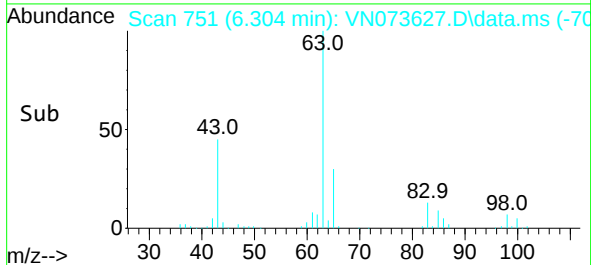
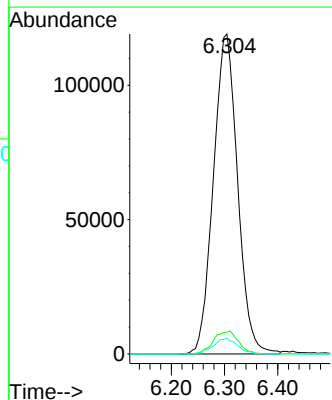
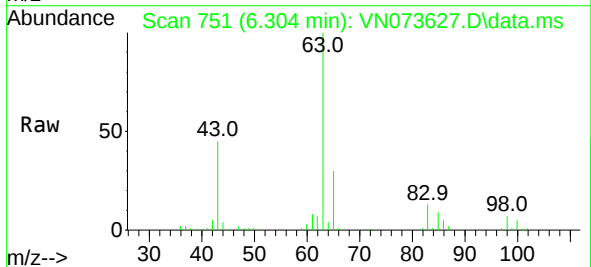
Manual Integrations
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 Supervised By :Mahesh Dadoda 08/01/2022



#24
 1,1-Dichloroethane
 Concen: 44.527 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073627.D
 Acq: 29 Jul 2022 10:53

Tgt Ion: 63 Resp: 376331
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.9 2.3 6.8





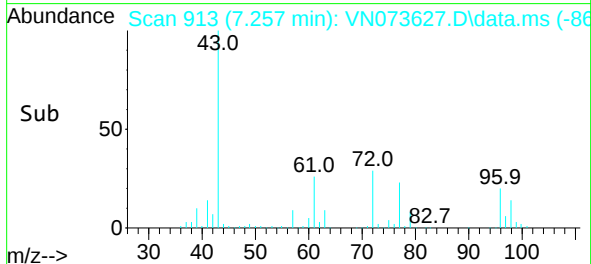
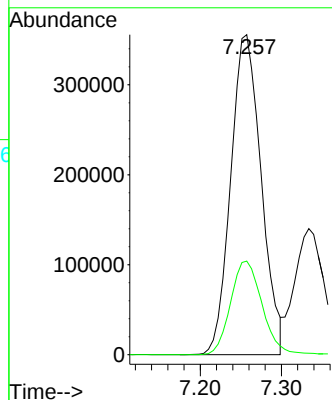
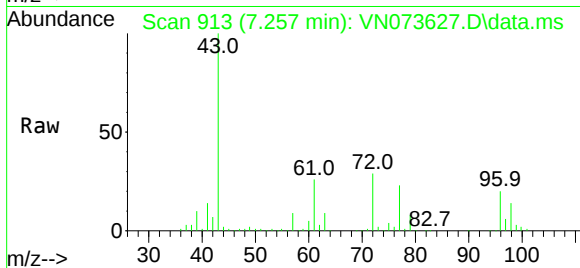
#25
2-Butanone
Concen: 217.682 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 92891
Ion Ratio Lower Upper
43 100
72 29.2 23.7 35.5

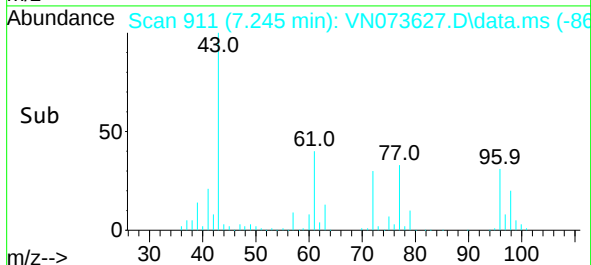
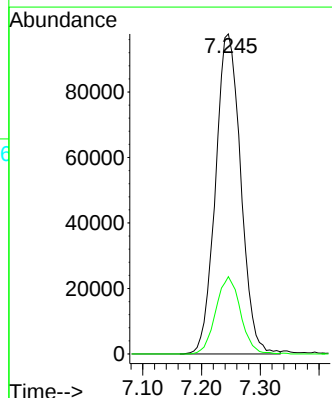
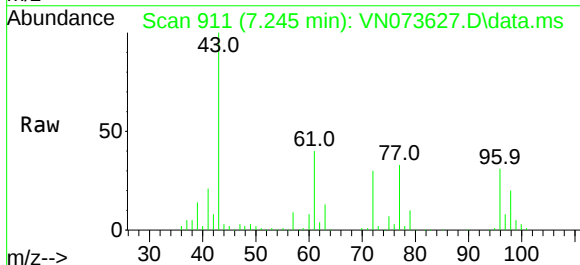
Manual Integrations
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Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#26
2,2-Dichloropropane
Concen: 44.840 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

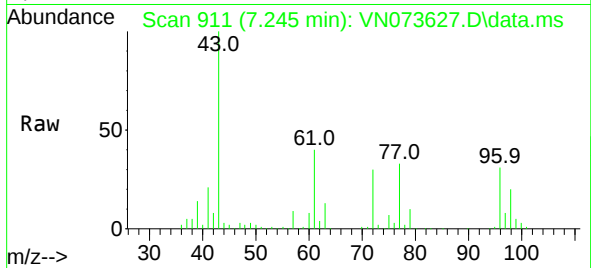
Tgt Ion: 77 Resp: 291573
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 46.985 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073627.D
 Acq: 29 Jul 2022 10:53

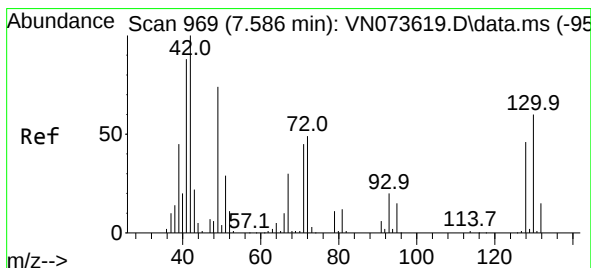
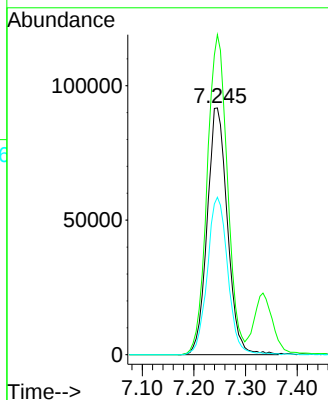
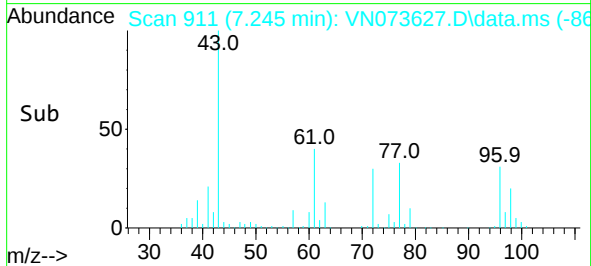
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 249590
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 280.6
 98 64.6 0.0 128.4

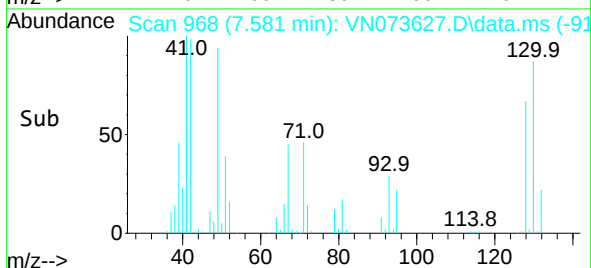
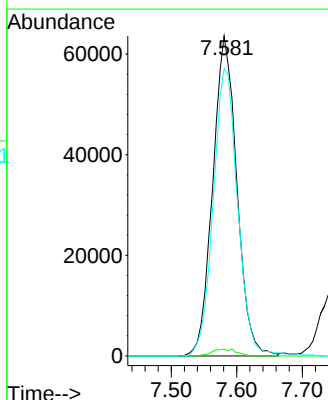
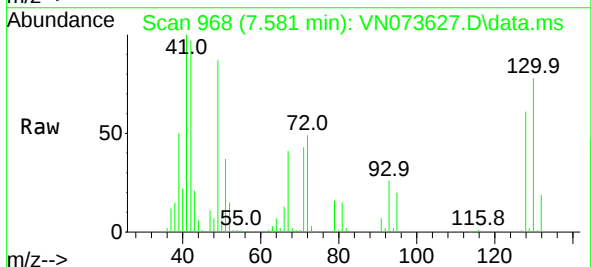
Manual Integrations
 APPROVED

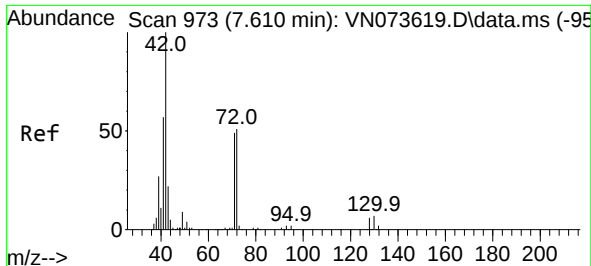
Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022



#28
 Bromochloromethane
 Concen: 45.655 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073627.D
 Acq: 29 Jul 2022 10:53

Tgt Ion: 49 Resp: 162018
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 91.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 224.394 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 60541

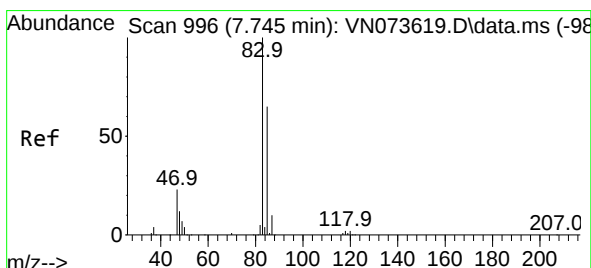
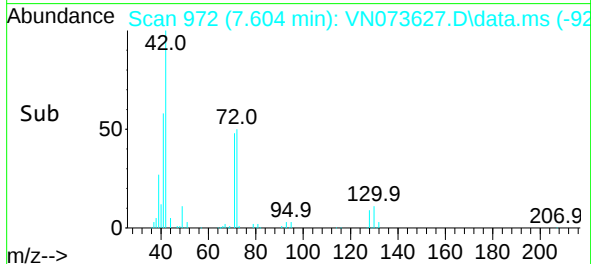
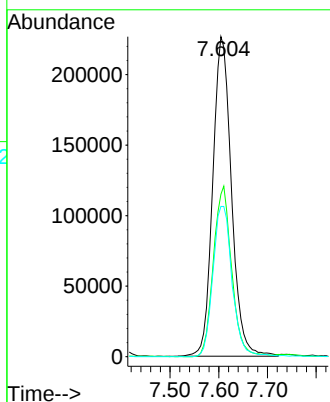
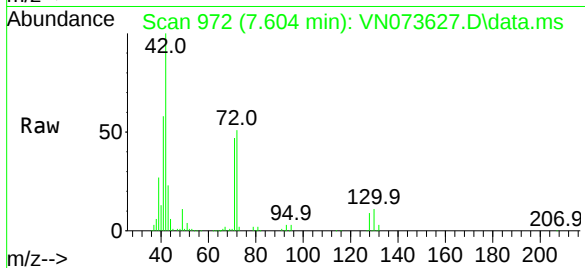
Ion	Ratio	Lower	Upper
42	100		
72	52.1	39.7	59.5
71	48.3	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#30

Chloroform

Concen: 45.414 ug/l

RT: 7.745 min Scan# 996

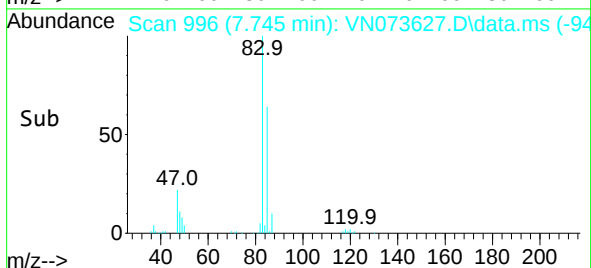
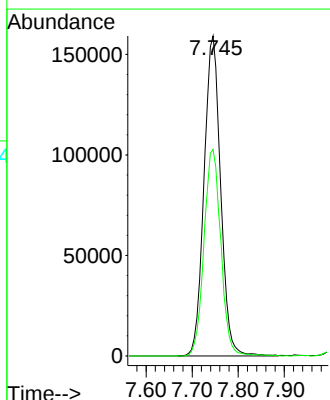
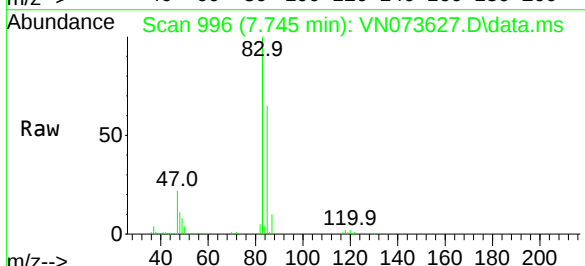
Delta R.T. 0.000 min

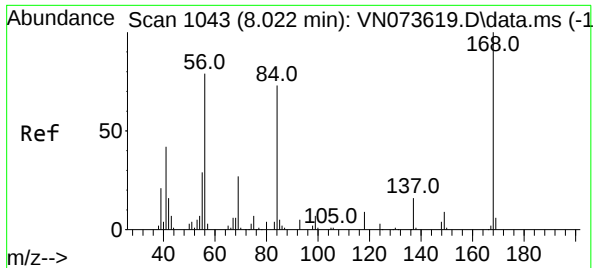
Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

Tgt Ion: 83 Resp: 399908

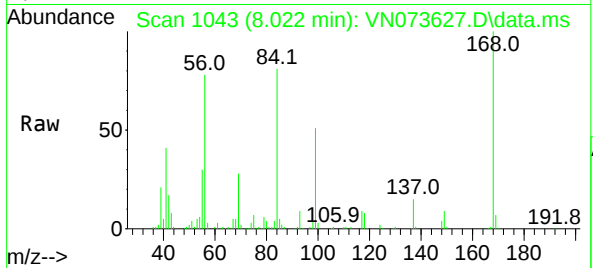
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.8





#31
Cyclohexane
Concen: 43.103 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

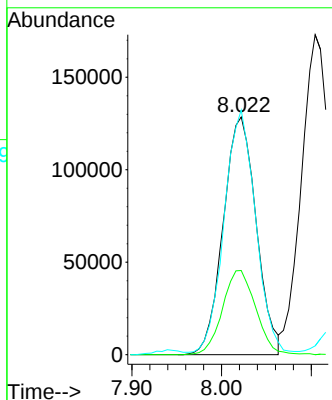
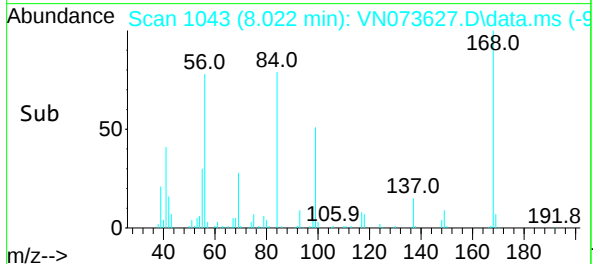
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



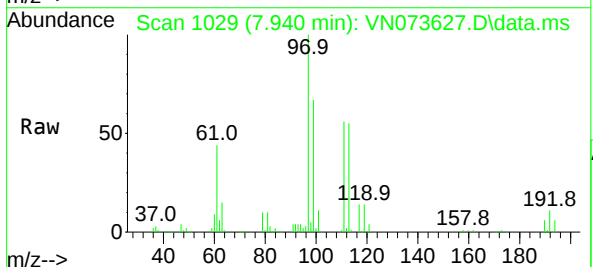
Tgt Ion: 56 Resp: 328290
Ion Ratio Lower Upper
56 100
69 35.4 27.8 41.8
84 101.4 76.9 115.3

Manual Integrations
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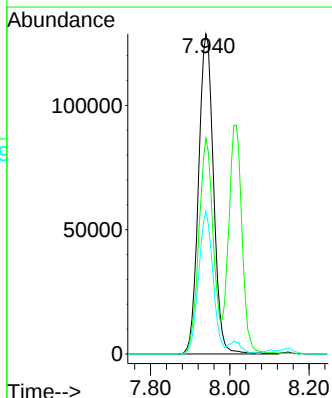
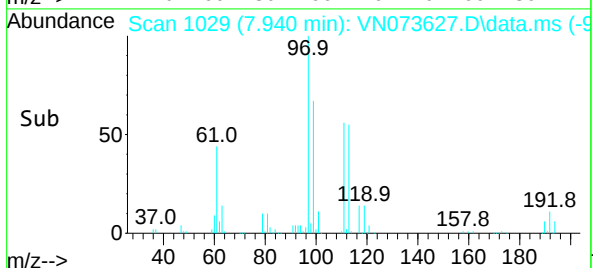
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

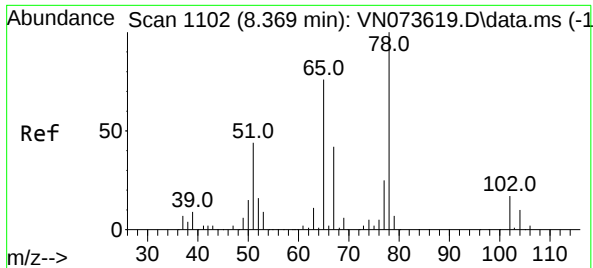


#32
1,1,1-Trichloroethane
Concen: 46.136 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



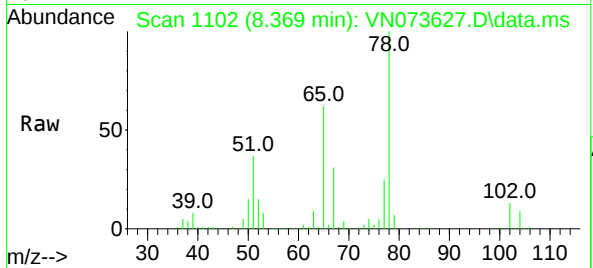
Tgt Ion: 97 Resp: 337329
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 42.9 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 46.746 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

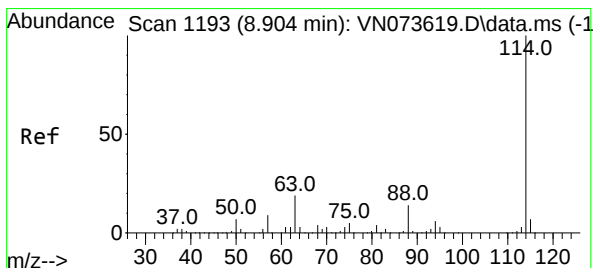
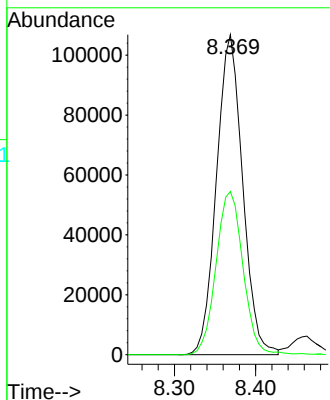
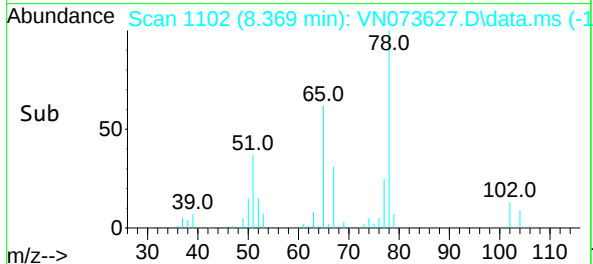
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



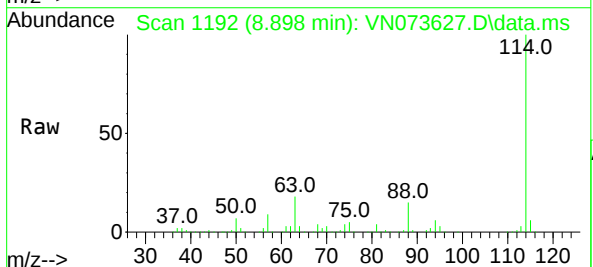
Tgt Ion: 65 Resp: 239148
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

Manual Integrations
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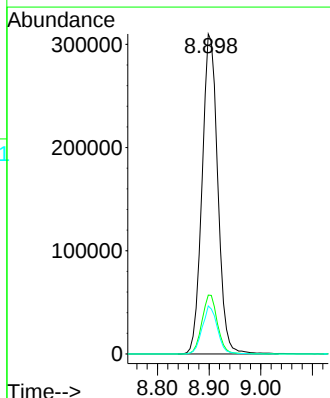
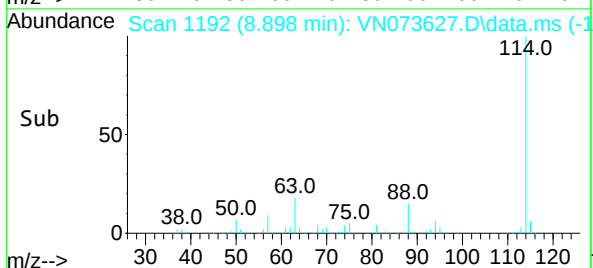
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

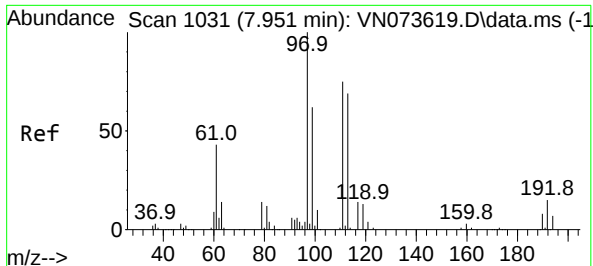


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



Tgt Ion:114 Resp: 653598
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.193 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 20189

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

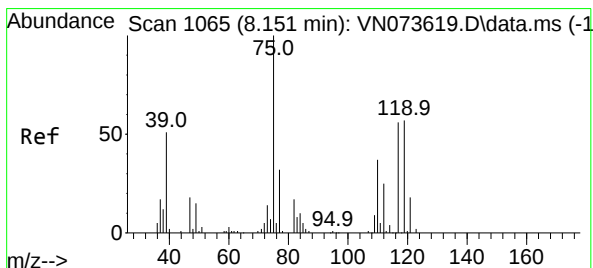
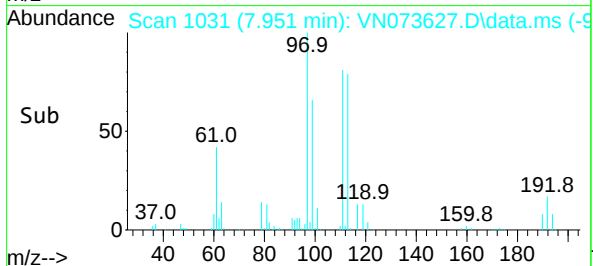
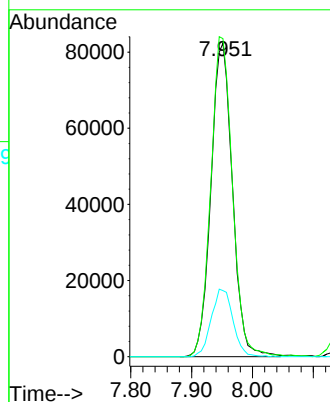
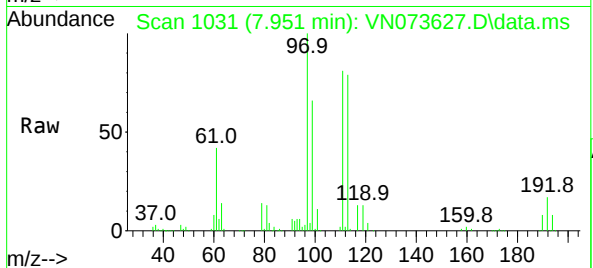
192 21.8 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#36

1,1-Dichloropropene

Concen: 49.205 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

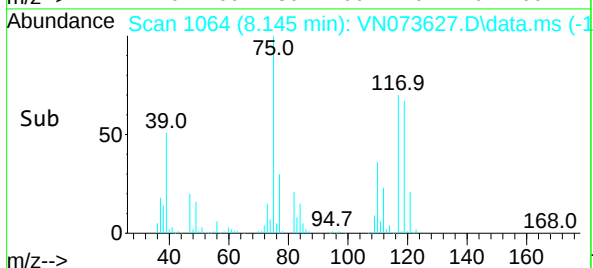
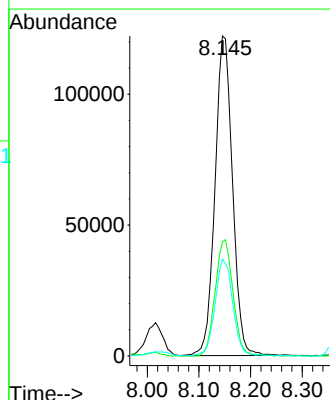
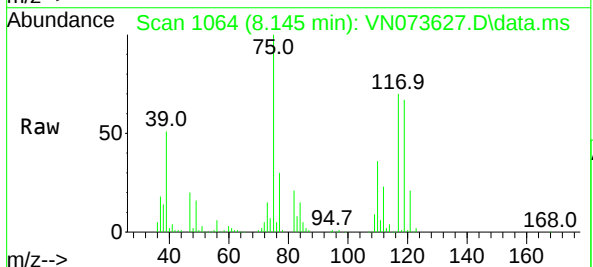
Tgt Ion: 75 Resp: 287825

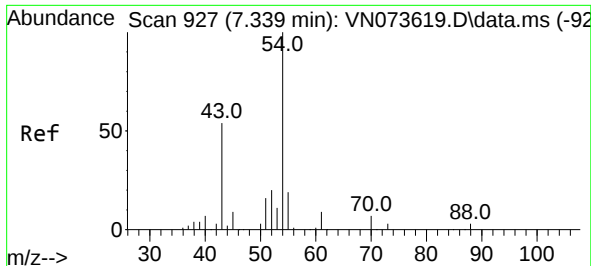
Ion Ratio Lower Upper

75 100

110 37.1 18.3 54.8

77 30.7 25.1 37.7





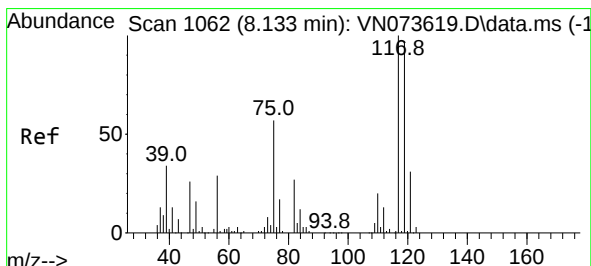
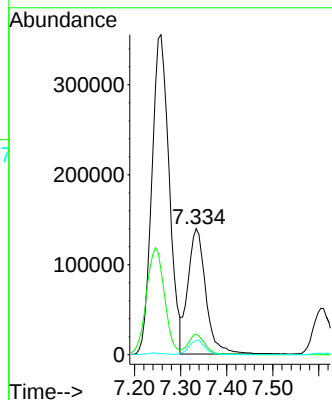
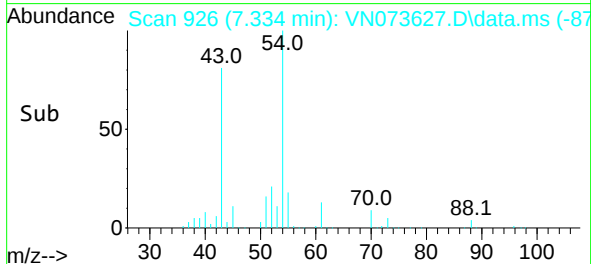
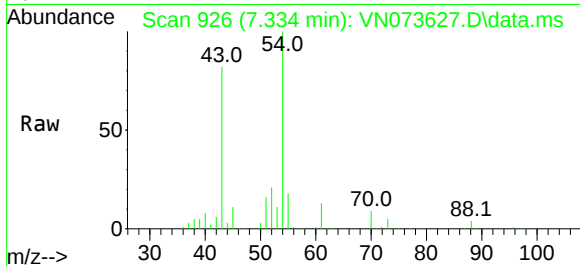
#37
Ethyl Acetate
Concen: 48.876 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 376510
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 10.3 9.3 13.9

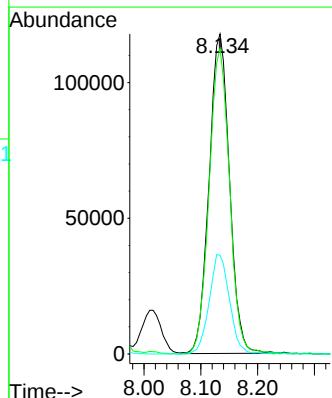
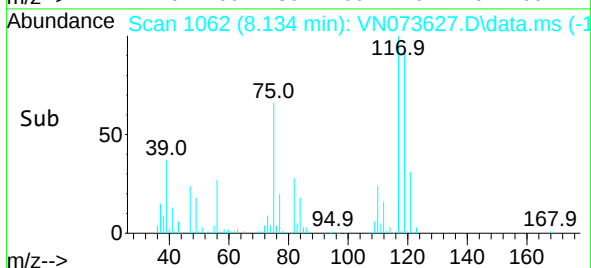
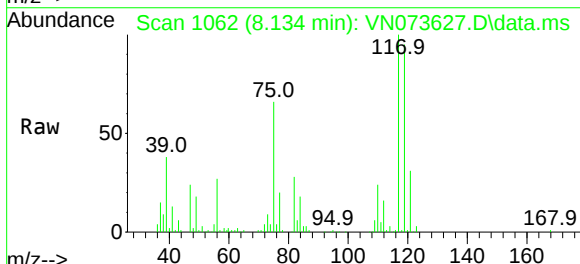
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#38
Carbon Tetrachloride
Concen: 49.385 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Tgt Ion:117 Resp: 293394
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 52.532 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 36720

Ion Ratio Lower Upper

83 100

55 68.8 57.8 86.8

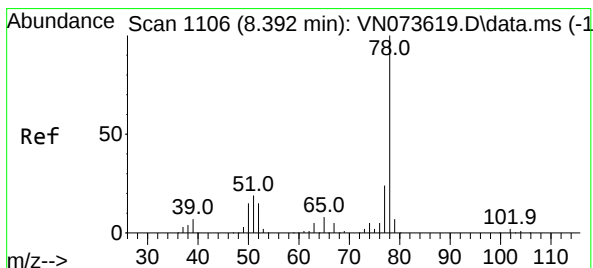
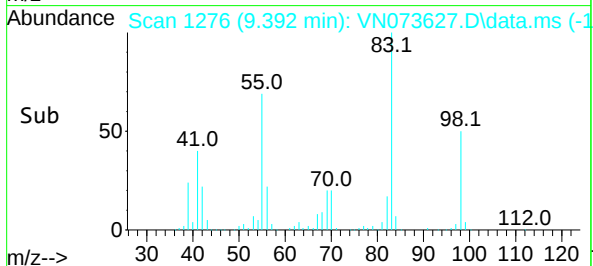
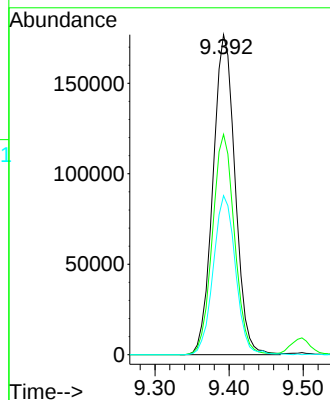
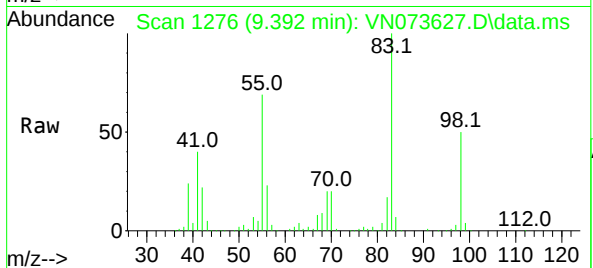
98 49.7 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#40

Benzene

Concen: 47.705 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073627.D

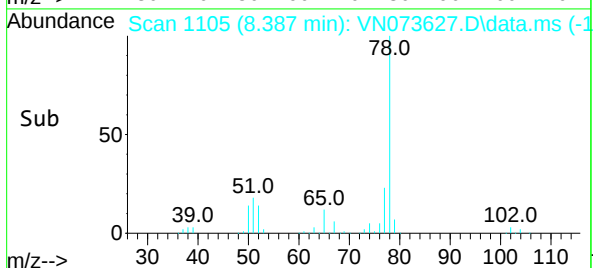
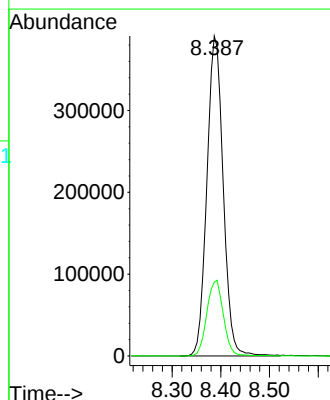
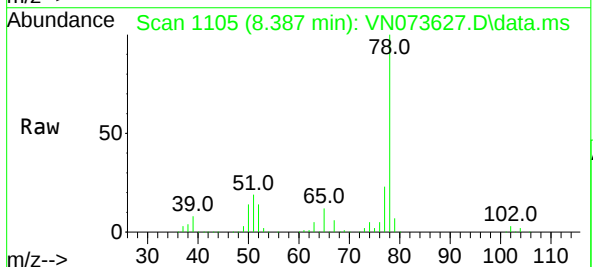
Acq: 29 Jul 2022 10:53

Tgt Ion: 78 Resp: 906151

Ion Ratio Lower Upper

78 100

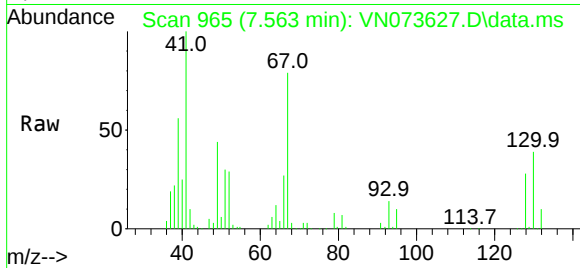
77 23.1 19.4 29.0





#41
Methacrylonitrile
Concen: 48.151 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

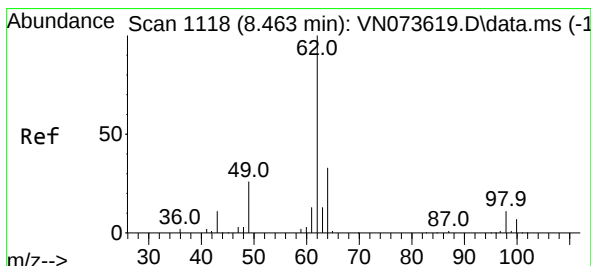
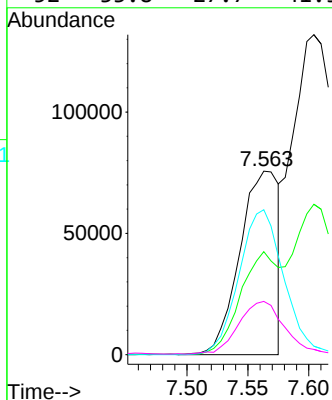
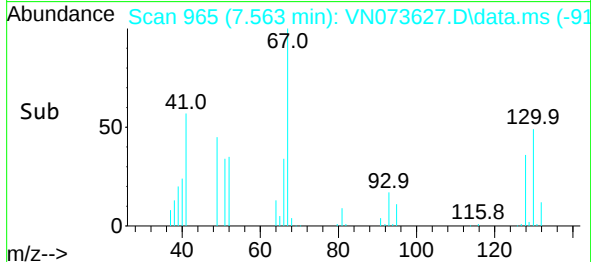
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



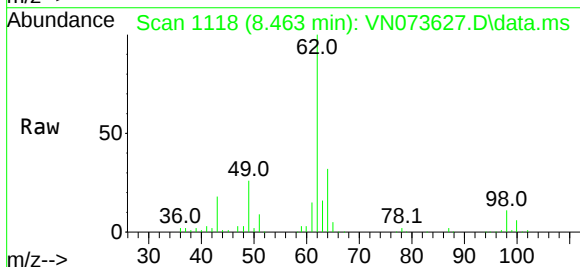
Tgt Ion: 41 Resp: 167848
Ion Ratio Lower Upper
41 100
39 53.2 48.6 73.0
67 92.7 73.4 110.2
52 33.8 27.7 41.5

Manual Integrations
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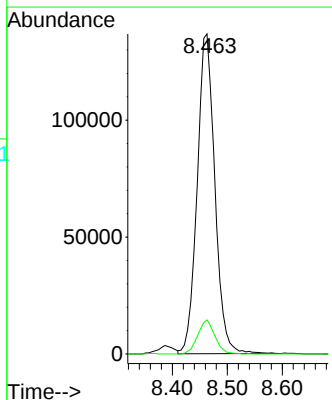
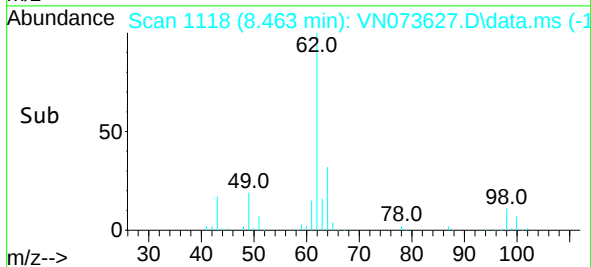
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

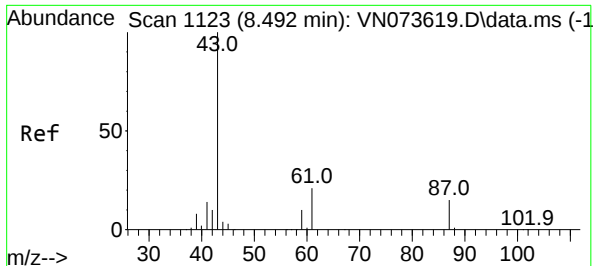


#42
1,2-Dichloroethane
Concen: 47.767 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



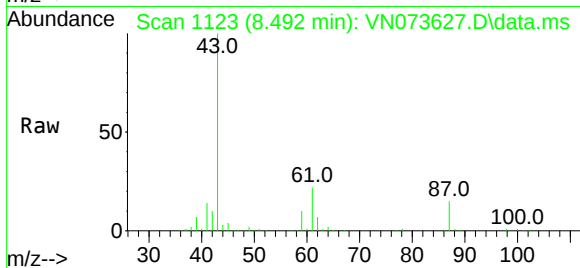
Tgt Ion: 62 Resp: 305793
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 51.108 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

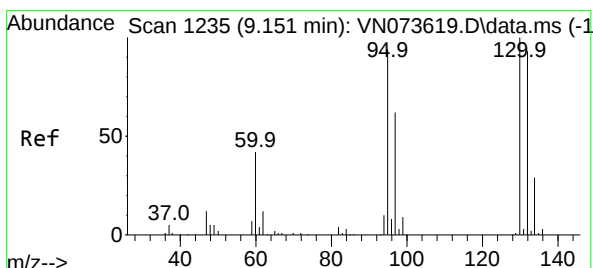
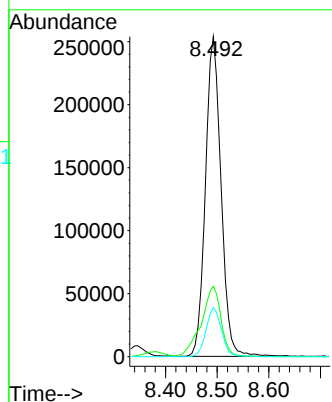
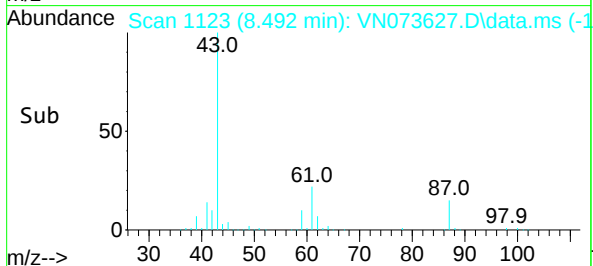
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



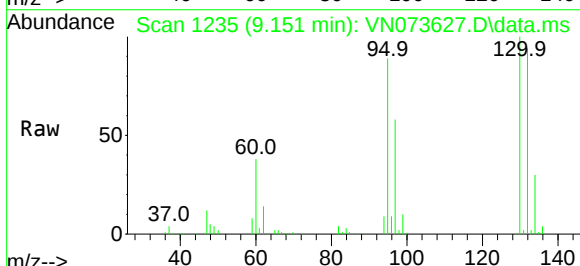
Tgt Ion: 43 Resp: 531778
Ion Ratio Lower Upper
43 100
61 27.9 21.9 32.9
87 15.2 12.0 18.0

Manual Integrations
APPROVED

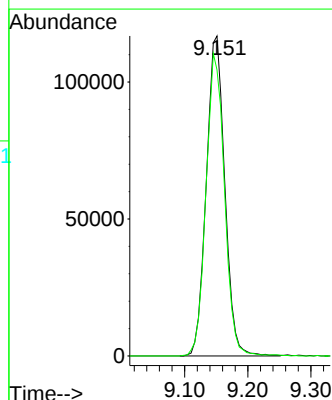
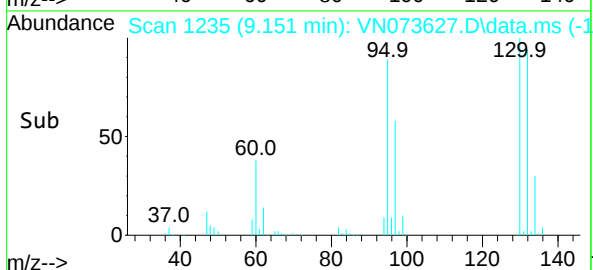
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

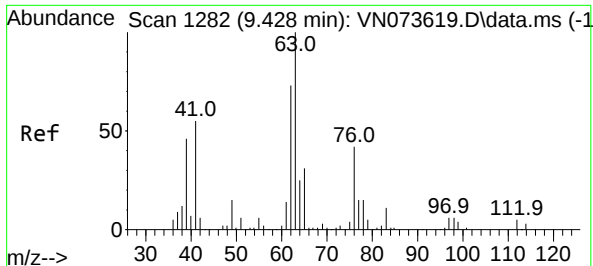


#44
Trichloroethene
Concen: 49.410 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



Tgt Ion:130 Resp: 238001
Ion Ratio Lower Upper
130 100
95 89.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 47.180 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 224004

Ion Ratio Lower Upper

63 100

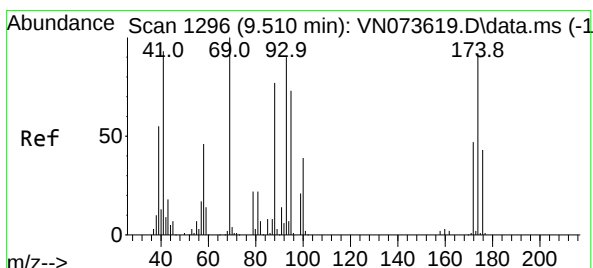
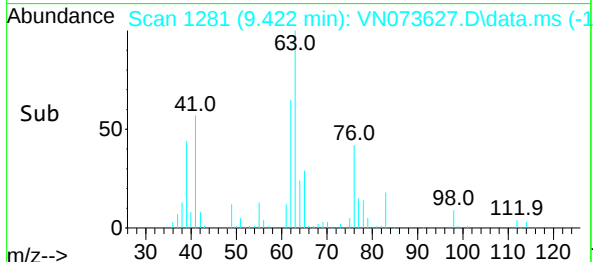
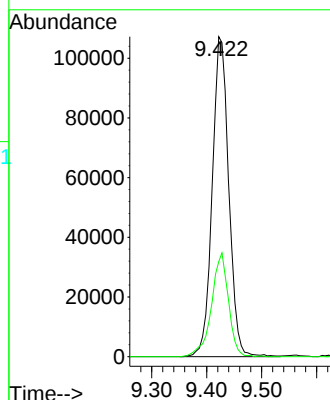
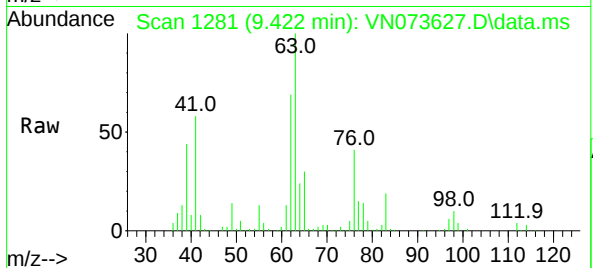
65 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#46

Dibromomethane

Concen: 49.418 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

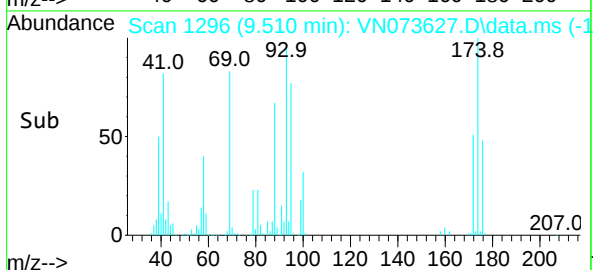
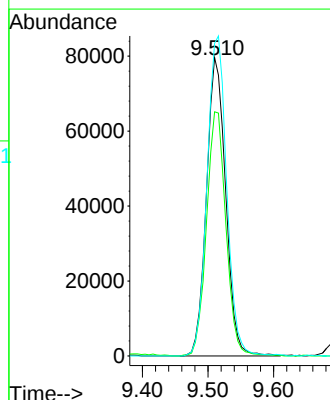
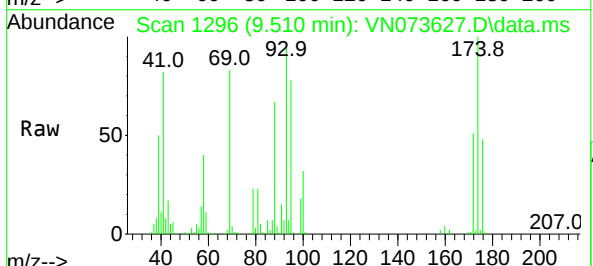
Tgt Ion: 93 Resp: 162842

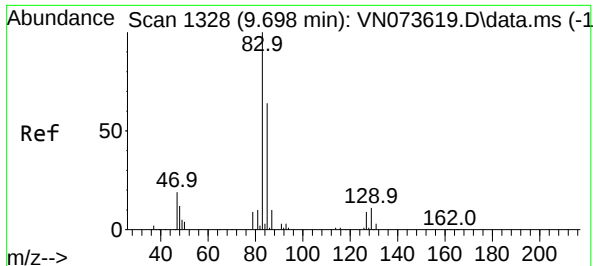
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

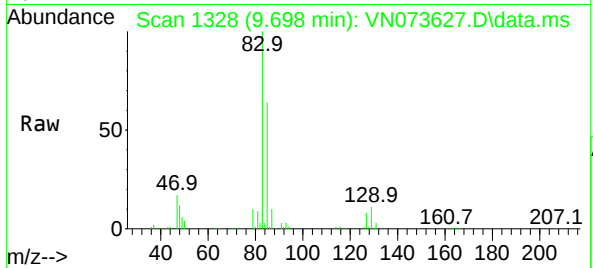
174 109.2 86.6 130.0





#47
Bromodichloromethane
Concen: 49.428 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

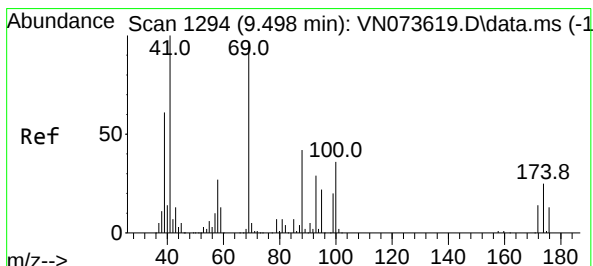
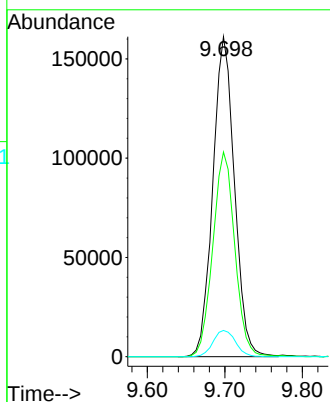
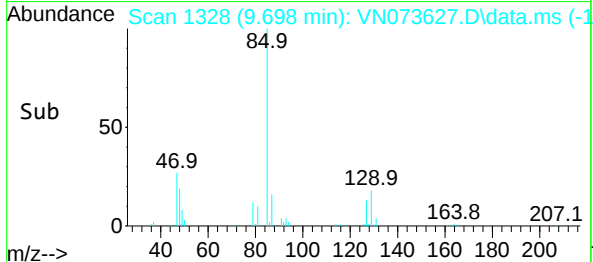
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



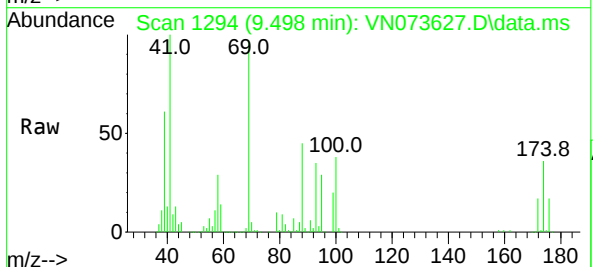
Tgt Ion: 83 Resp: 31260
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations
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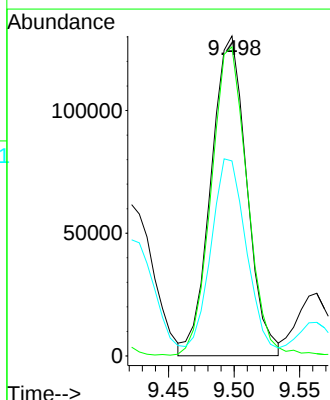
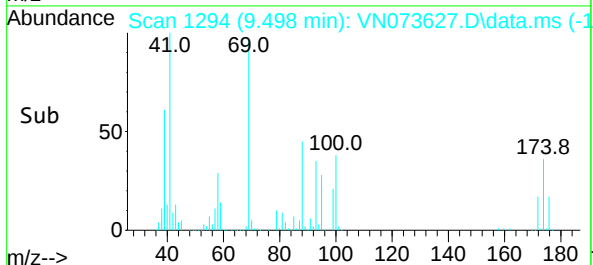
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

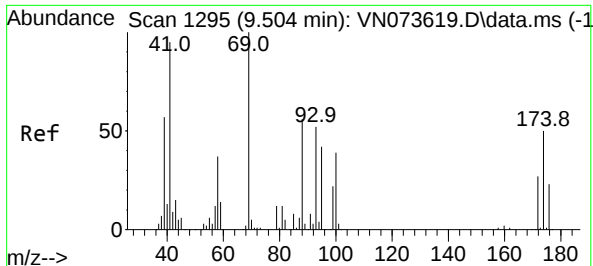


#48
Methyl methacrylate
Concen: 54.276 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



Tgt Ion: 41 Resp: 247203
Ion Ratio Lower Upper
41 100
69 98.2 74.7 112.1
39 56.9 45.6 68.4





#49

1,4-Dioxane

Concen: 1021.111 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 131098

Ion Ratio Lower Upper

88 100

43 25.1 20.2 30.4

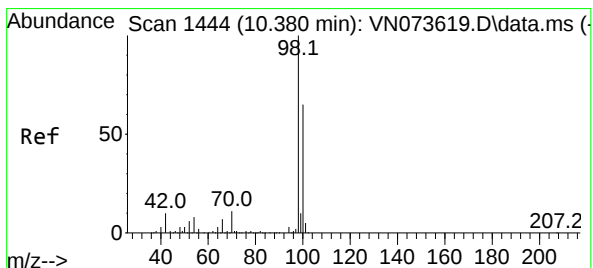
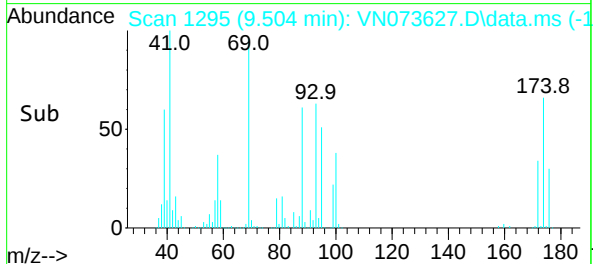
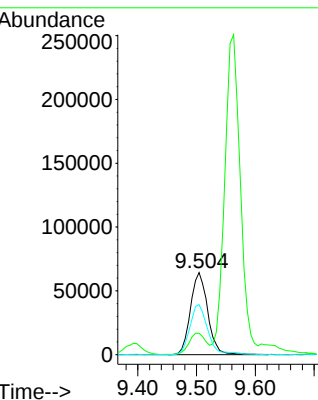
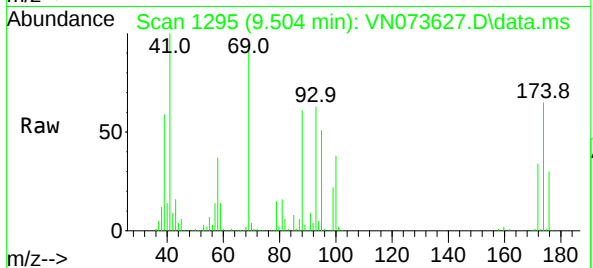
58 63.4 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#50

Toluene-d8

Concen: 50.226 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073627.D

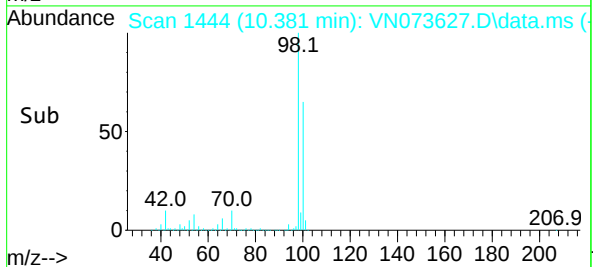
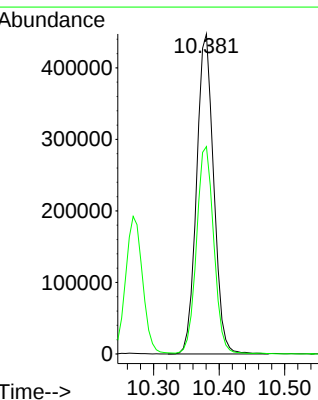
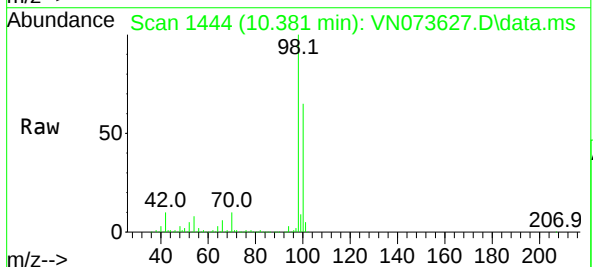
Acq: 29 Jul 2022 10:53

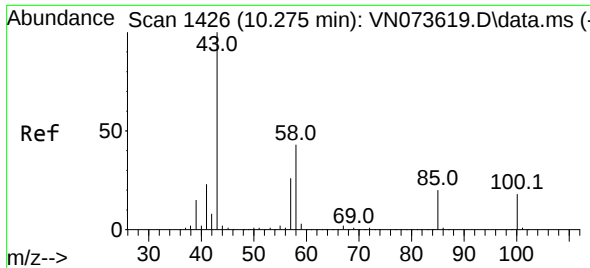
Tgt Ion: 98 Resp: 811168

Ion Ratio Lower Upper

98 100

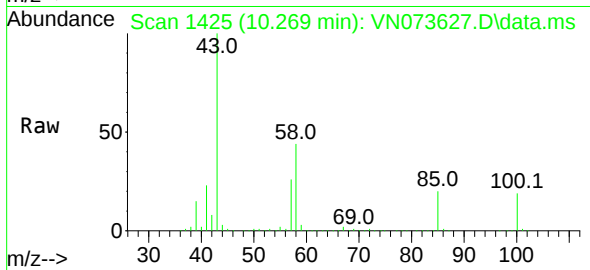
100 64.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 248.009 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

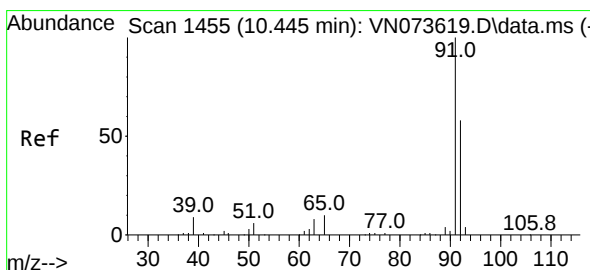
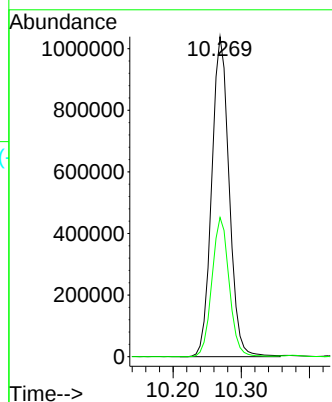
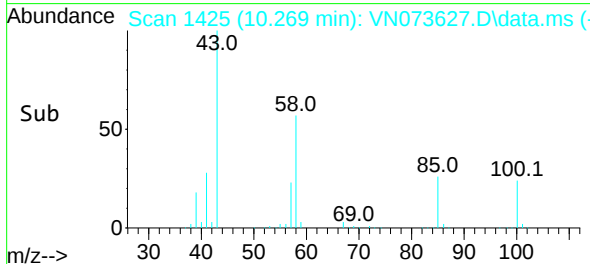
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 185086
Ion Ratio Lower Upper
43 100
58 42.9 34.1 51.1

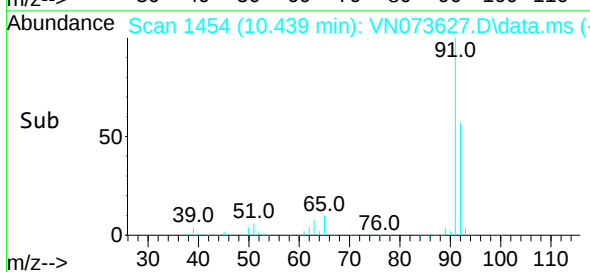
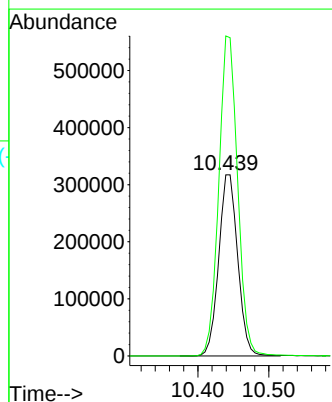
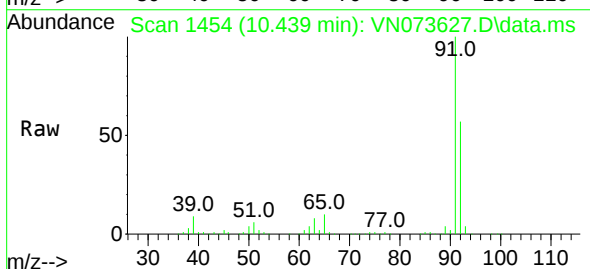
Manual Integrations
APPROVED

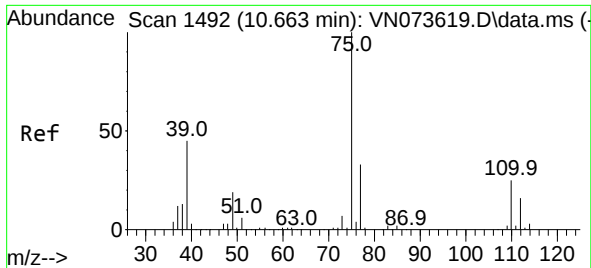
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#52
Toluene
Concen: 50.573 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

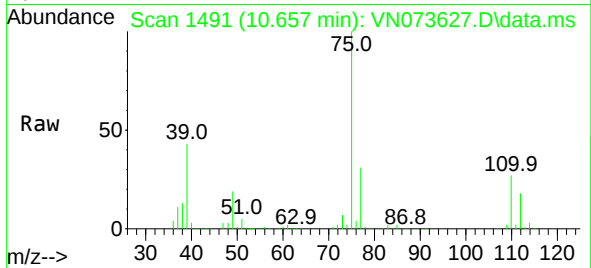
Tgt Ion: 92 Resp: 586764
Ion Ratio Lower Upper
92 100
91 175.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.190 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

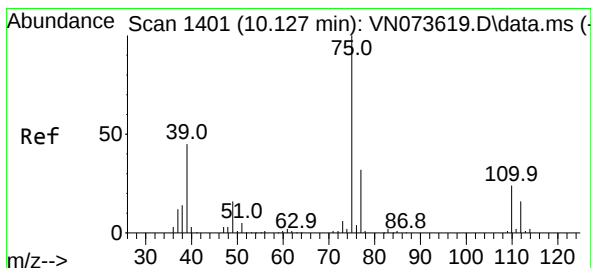
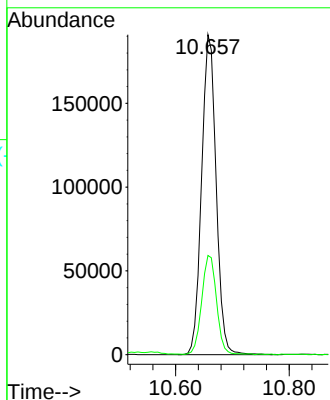
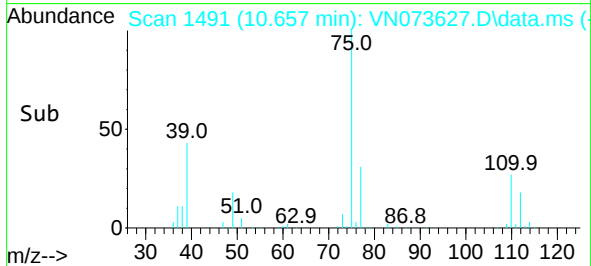
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 33857
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

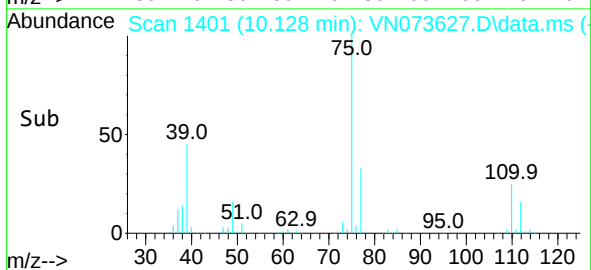
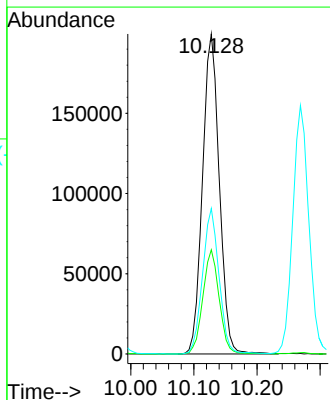
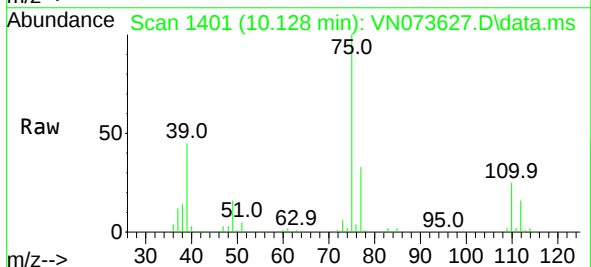
Manual Integrations
APPROVED

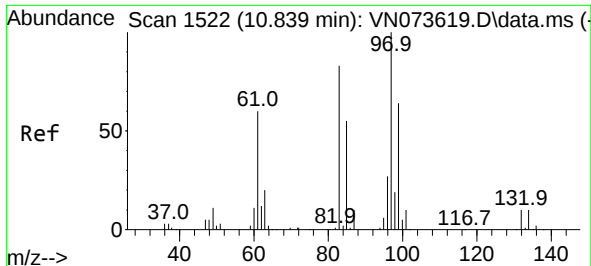
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#54
cis-1,3-Dichloropropene
Concen: 52.473 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

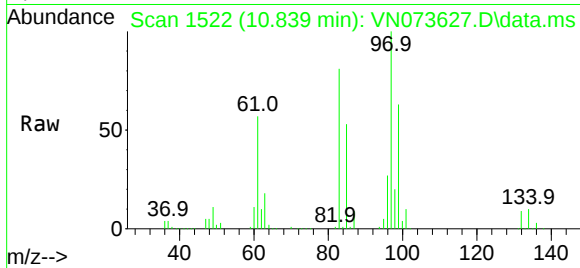
Tgt Ion: 75 Resp: 369449
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 45.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 50.560 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

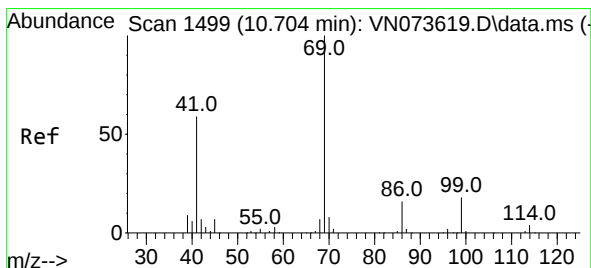
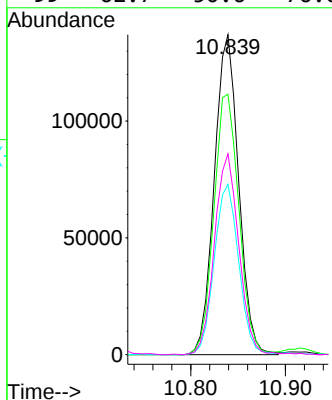
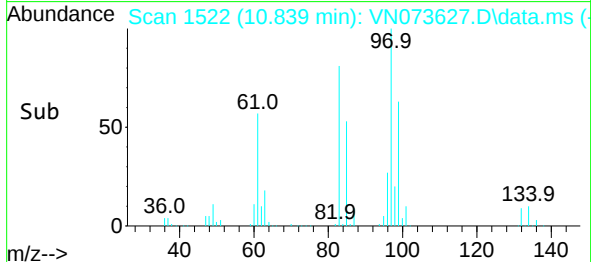
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



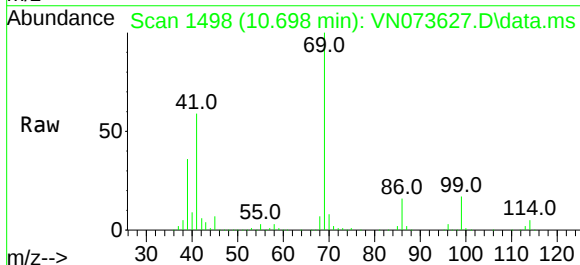
Tgt Ion: 97 Resp: 244619
Ion Ratio Lower Upper
97 100
83 81.4 66.2 99.4
85 53.2 43.9 65.9
99 62.7 50.6 76.0

Manual Integrations
APPROVED

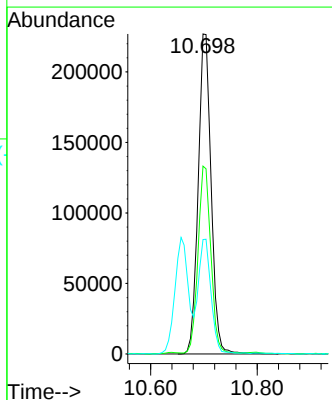
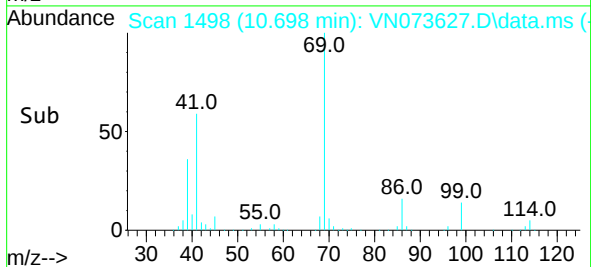
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

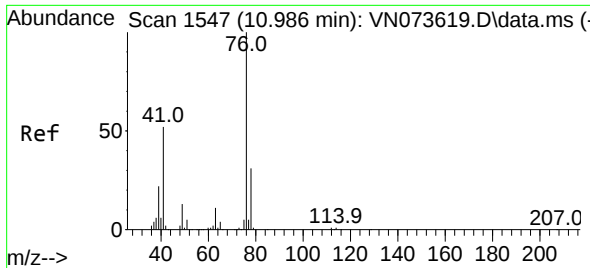


#56
Ethyl methacrylate
Concen: 57.373 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



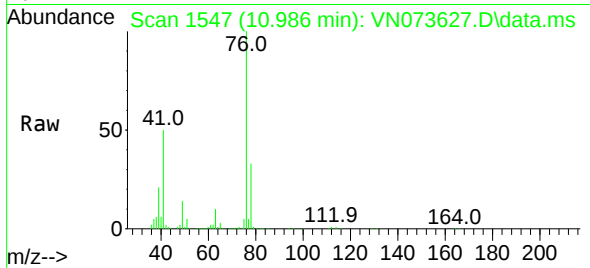
Tgt Ion: 69 Resp: 382576
Ion Ratio Lower Upper
69 100
41 57.4 47.8 71.6
39 34.7 27.3 40.9





#57
1,3-Dichloropropane
Concen: 49.686 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

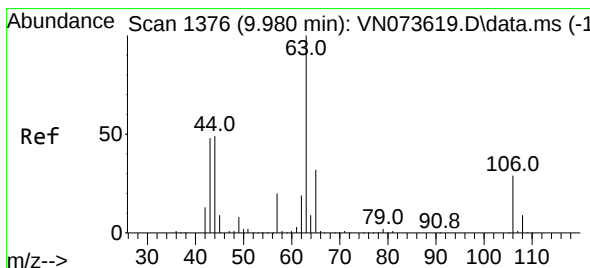
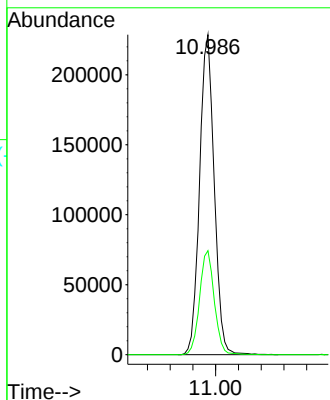
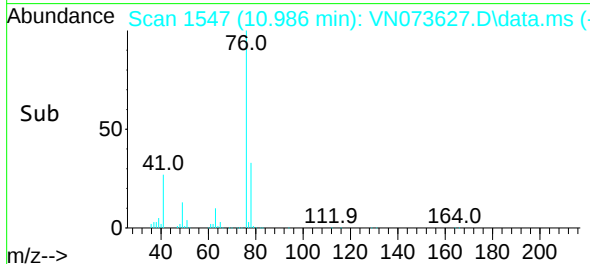
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 407858
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.2

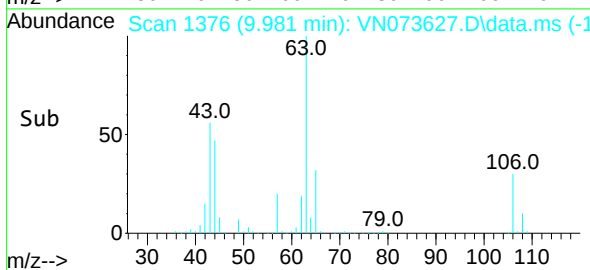
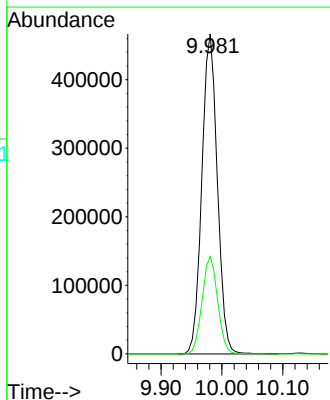
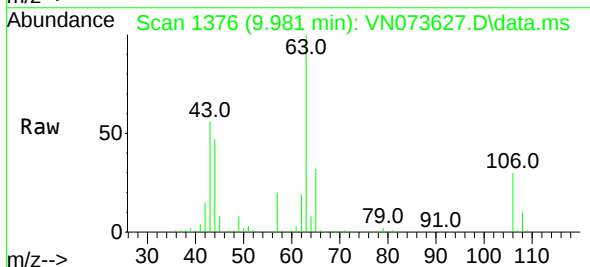
Manual Integrations
APPROVED

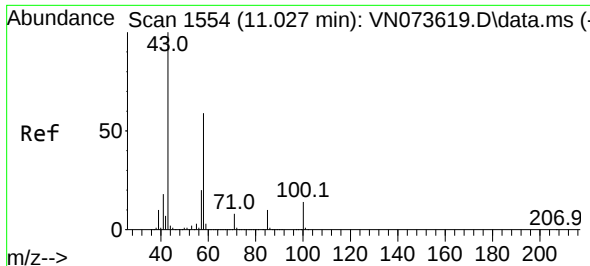
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#58
2-Chloroethyl Vinyl ether
Concen: 234.401 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.001 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

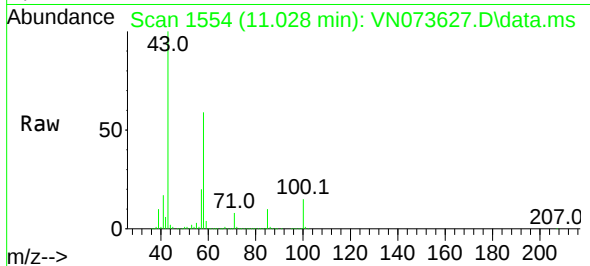
Tgt Ion: 63 Resp: 824857
Ion Ratio Lower Upper
63 100
106 30.6 24.6 36.8





#59
2-Hexanone
Concen: 254.622 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

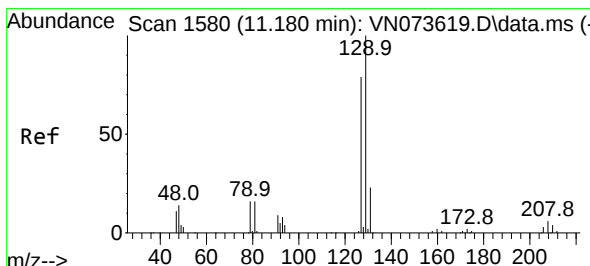
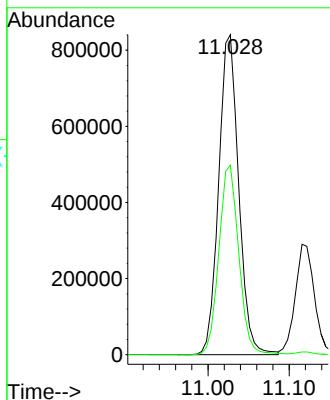
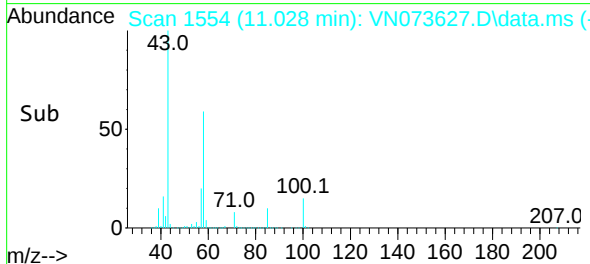
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



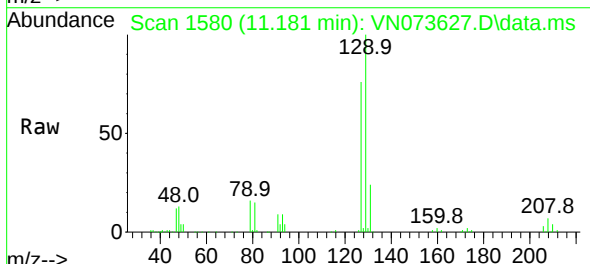
Tgt Ion: 43 Resp: 1439678
Ion Ratio Lower Upper
43 100
58 59.1 29.7 89.1

Manual Integrations
APPROVED

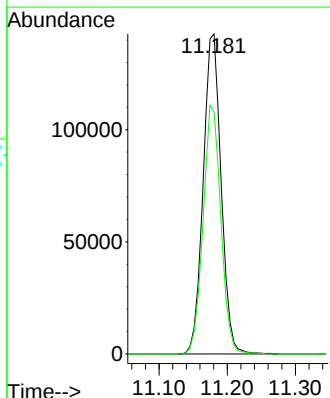
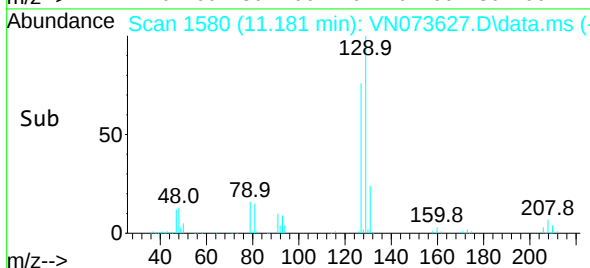
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#60
Dibromochloromethane
Concen: 54.253 ug/l
RT: 11.181 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



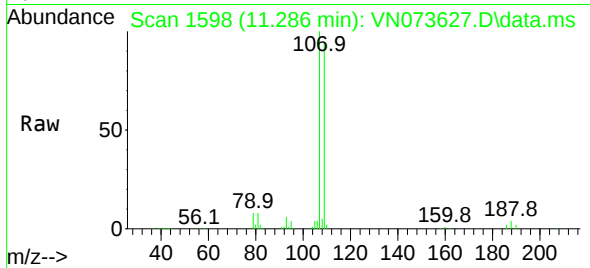
Tgt Ion:129 Resp: 261135
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.297 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

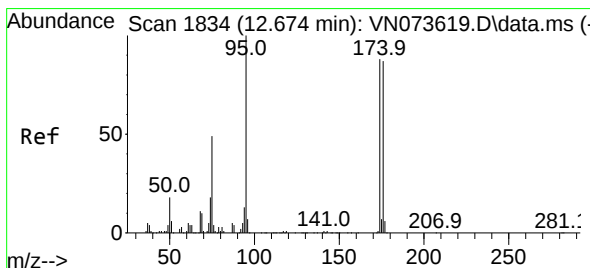
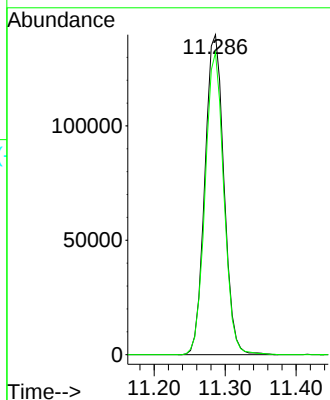
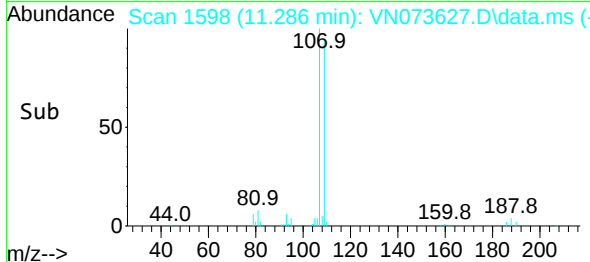
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



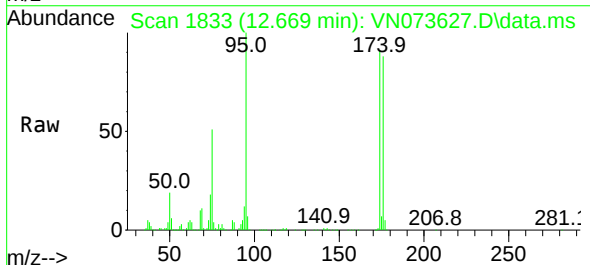
Tgt Ion:107 Resp: 26059
Ion Ratio Lower Upper
107 100
109 92.9 75.0 112.6

Manual Integrations
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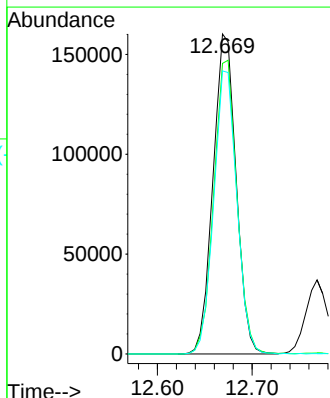
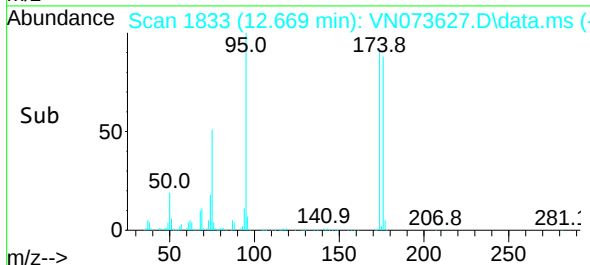
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

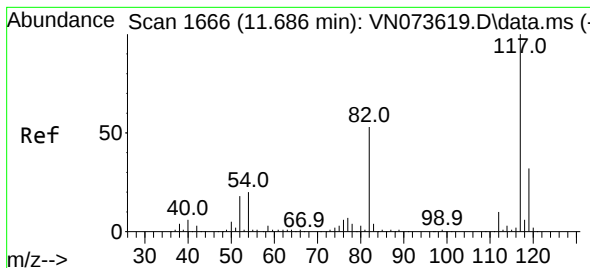


#62
4-Bromofluorobenzene
Concen: 50.233 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



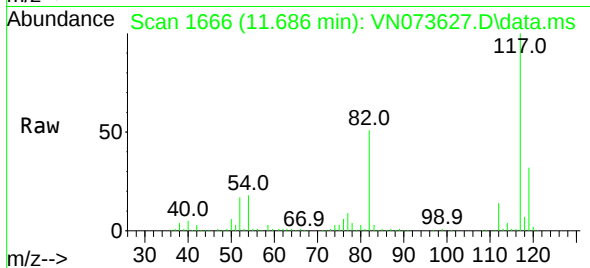
Tgt Ion: 95 Resp: 271294
Ion Ratio Lower Upper
95 100
174 92.0 0.0 167.6
176 88.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

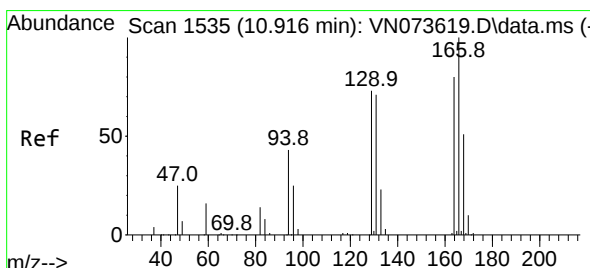
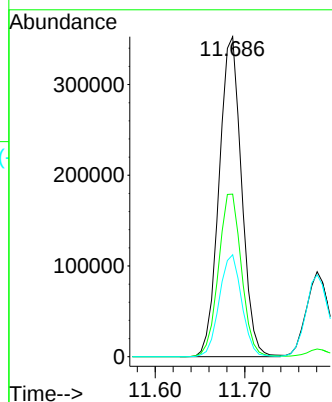
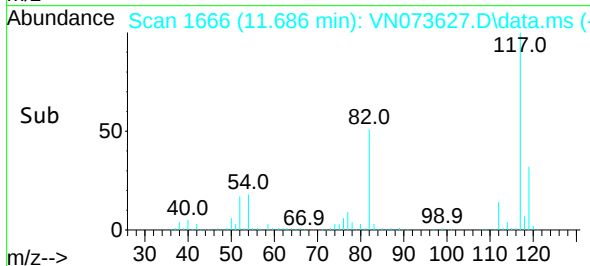
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 613550
Ion Ratio Lower Upper
117 100
82 50.8 44.2 66.2
119 31.9 25.4 38.0

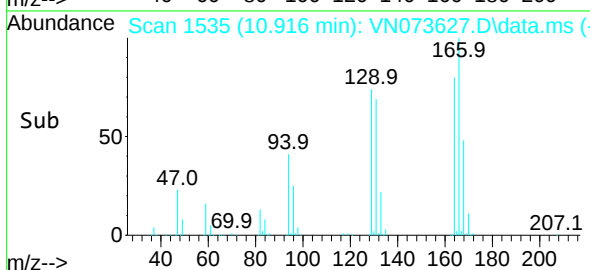
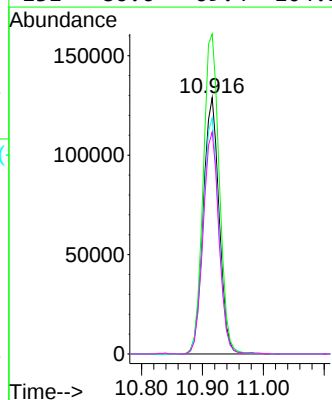
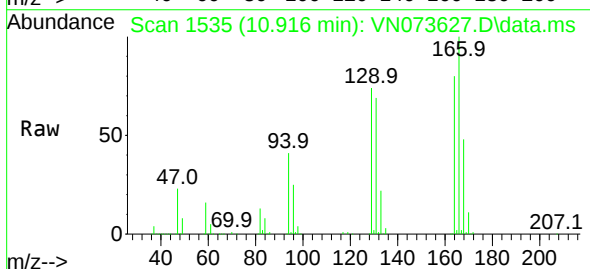
Manual Integrations
APPROVED

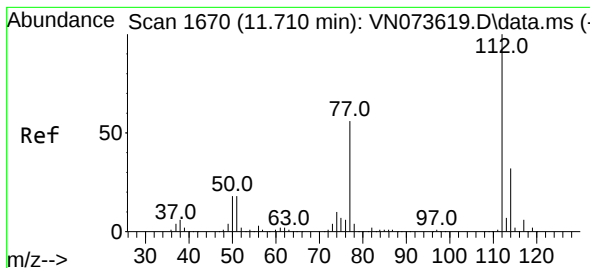
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#64
Tetrachloroethene
Concen: 47.687 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Tgt Ion:164 Resp: 232528
Ion Ratio Lower Upper
164 100
166 124.9 104.2 156.2
129 92.1 73.9 110.9
131 86.6 69.4 104.2





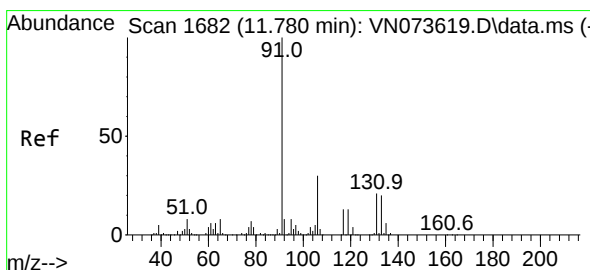
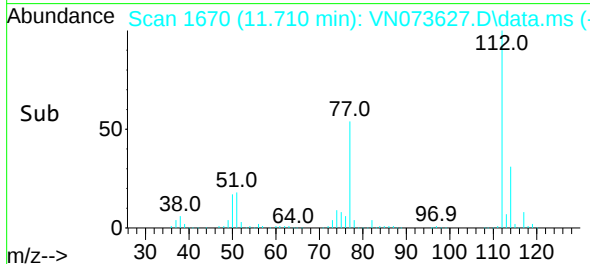
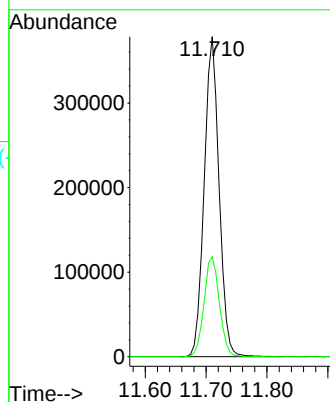
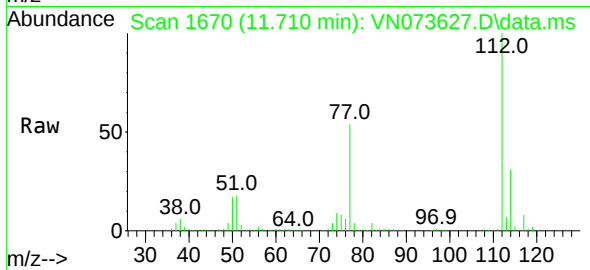
#65
Chlorobenzene
Concen: 49.264 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 642025
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

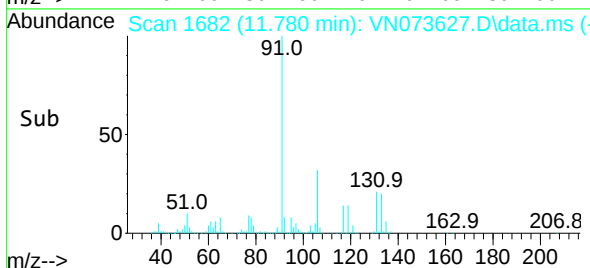
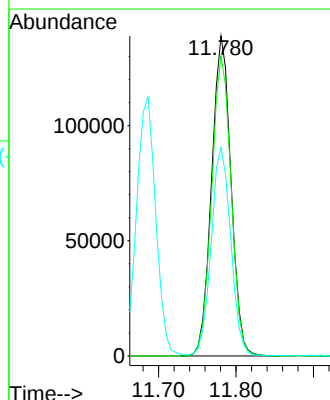
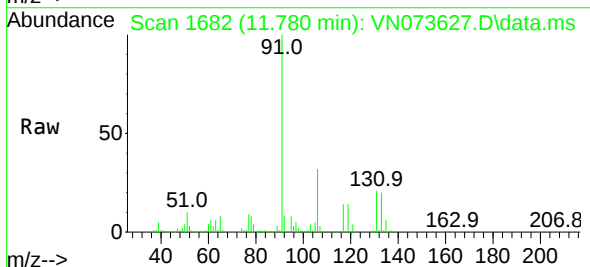
Manual Integrations
APPROVED

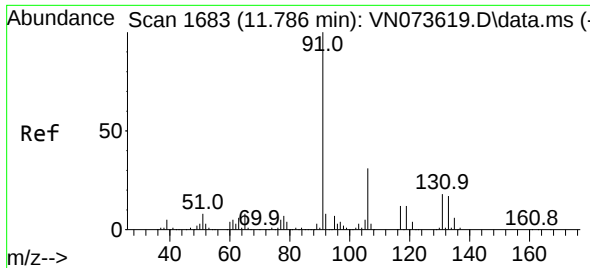
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.537 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

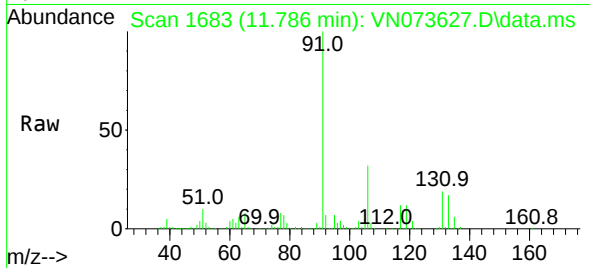
Tgt Ion:131 Resp: 240906
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 66.0 33.4 100.2





#67
Ethyl Benzene
Concen: 51.415 ug/l
RT: 11.786 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

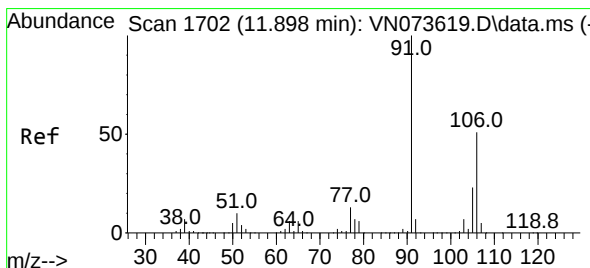
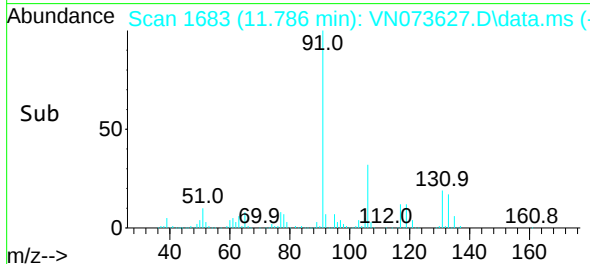
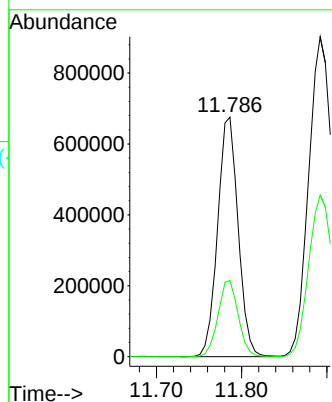
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1130420
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

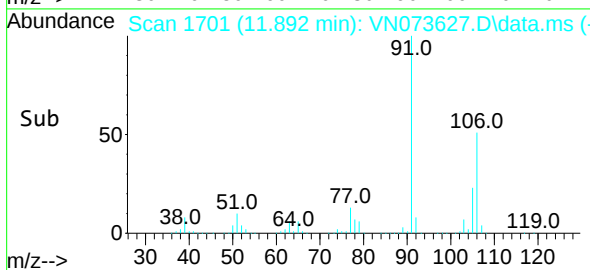
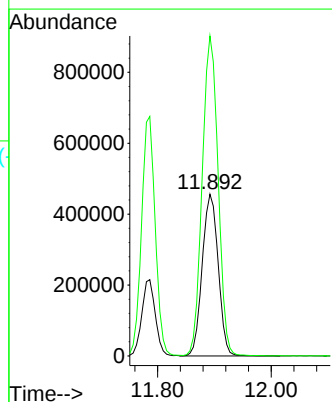
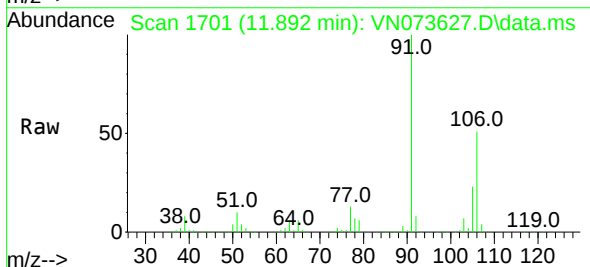
Manual Integrations
APPROVED

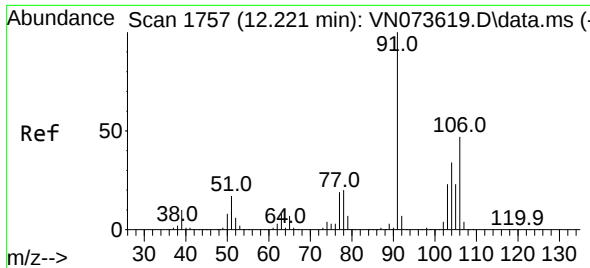
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#68
m/p-Xylenes
Concen: 105.964 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Tgt Ion:106 Resp: 888573
Ion Ratio Lower Upper
106 100
91 196.9 158.9 238.3





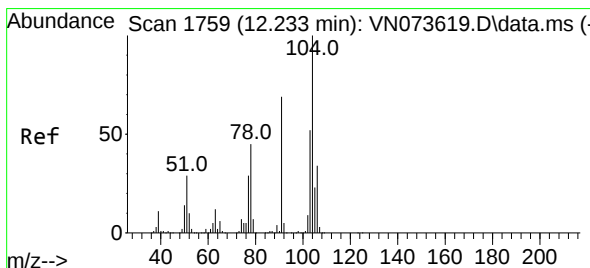
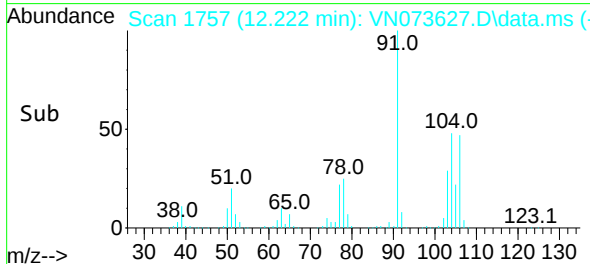
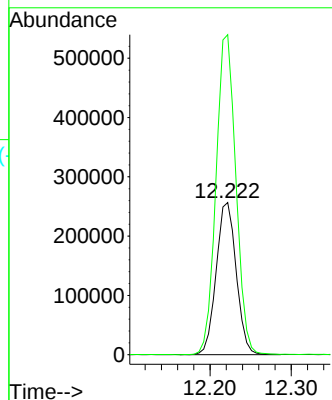
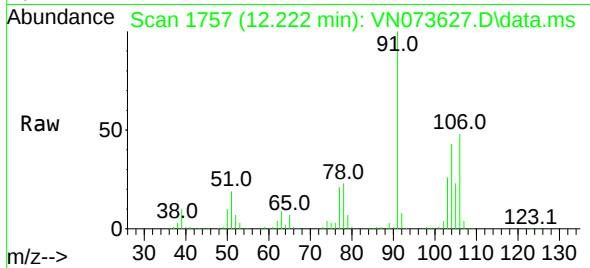
#69
o-Xylene
Concen: 53.799 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 439823
Ion Ratio Lower Upper
106 100
91 209.1 106.0 318.0

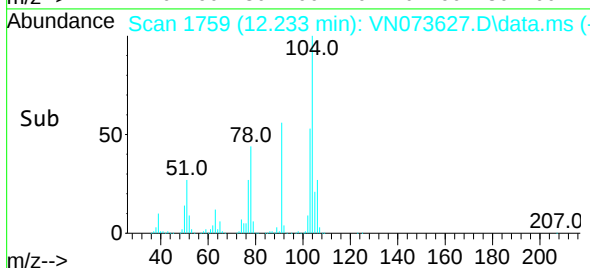
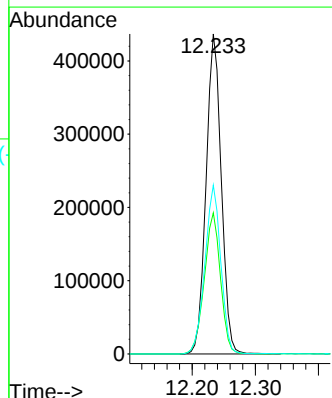
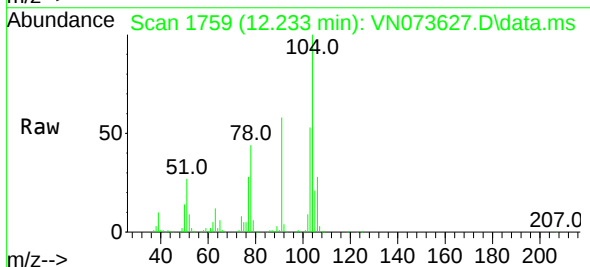
Manual Integrations
APPROVED

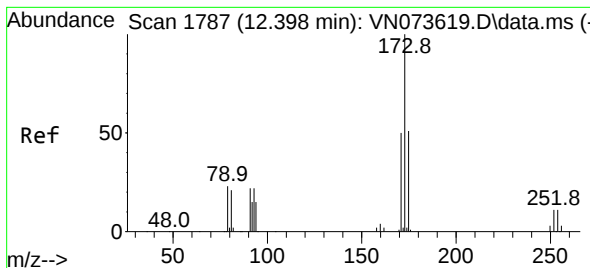
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#70
Styrene
Concen: 55.909 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Tgt Ion:104 Resp: 731675
Ion Ratio Lower Upper
104 100
78 46.9 39.5 59.3
103 55.3 44.0 66.0





#71

Bromoform

Concen: 54.820 ug/l

RT: 12.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073627.D

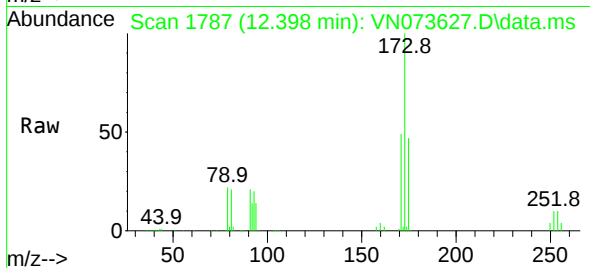
Acq: 29 Jul 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:173 Resp: 21151

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.6

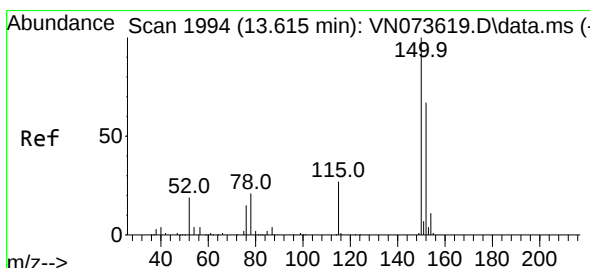
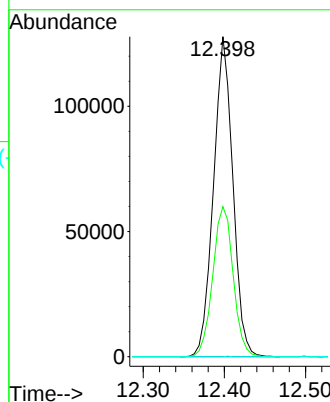
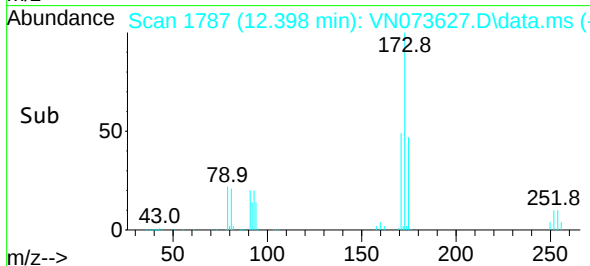
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.006 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

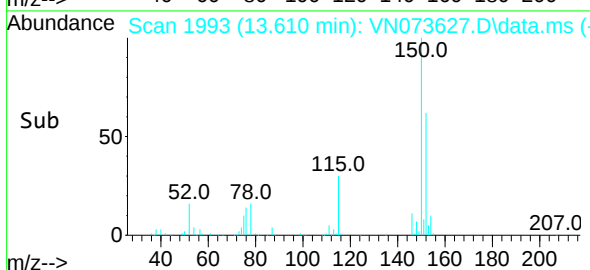
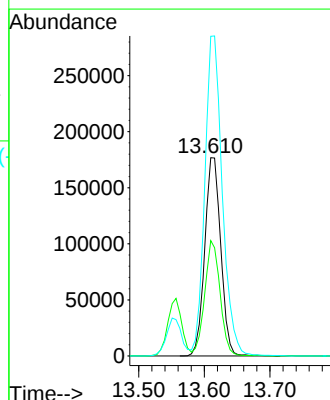
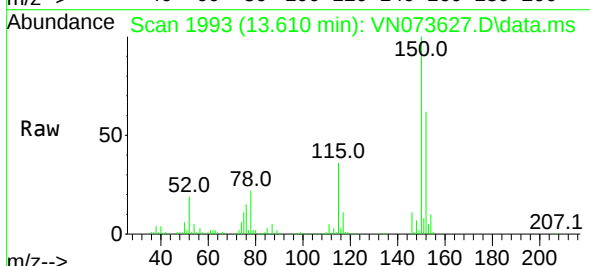
Tgt Ion:152 Resp: 301425

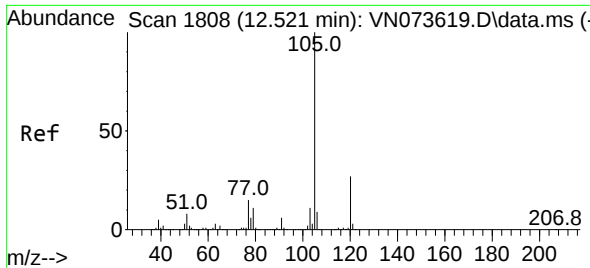
Ion Ratio Lower Upper

152 100

115 55.9 28.9 86.7

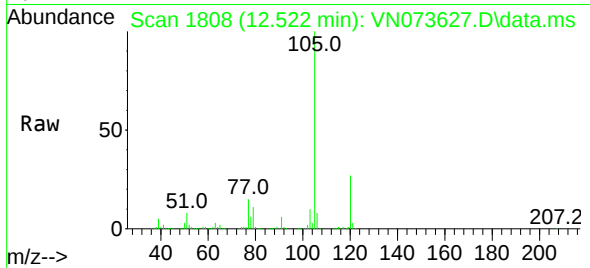
150 176.1 0.0 356.2





#73
Isopropylbenzene
Concen: 51.608 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

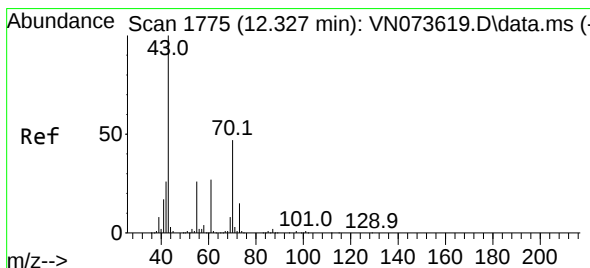
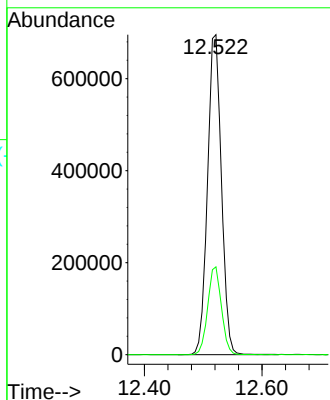
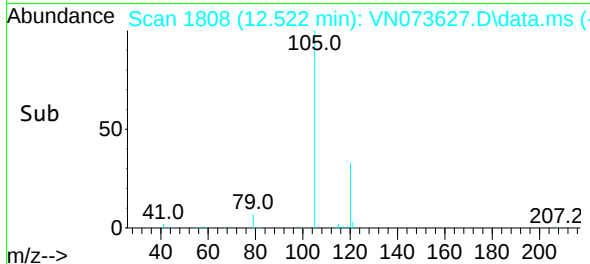
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 113874
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

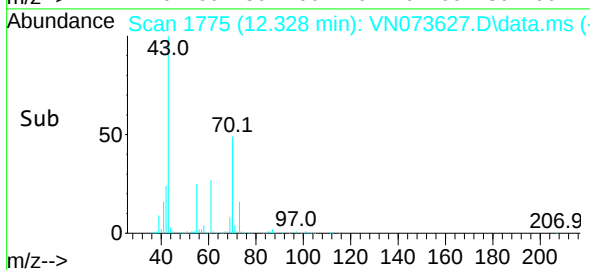
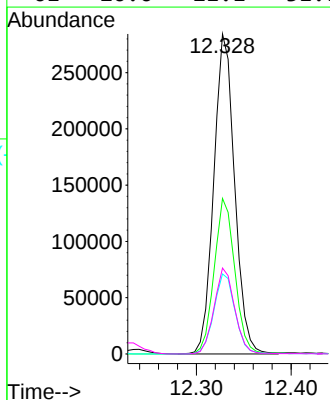
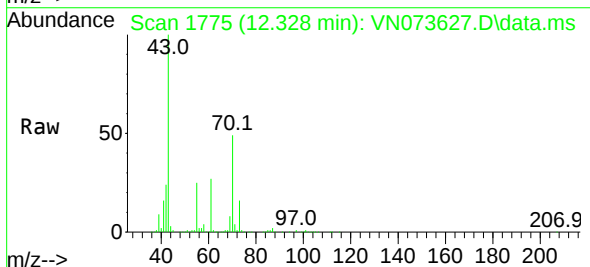
Manual Integrations
APPROVED

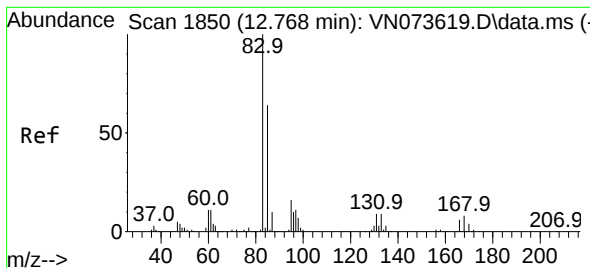
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#74
N-ethyl acetate
Concen: 52.156 ug/l
RT: 12.328 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

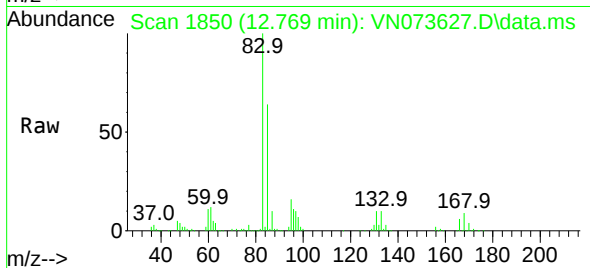
Tgt Ion: 43 Resp: 434815
Ion Ratio Lower Upper
43 100
70 48.3 39.0 58.4
55 25.6 21.1 31.7
61 26.6 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.984 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN073627.D
 Acq: 29 Jul 2022 10:53

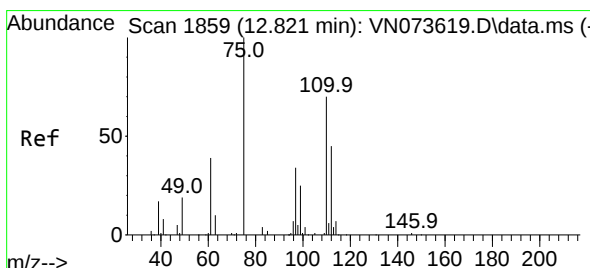
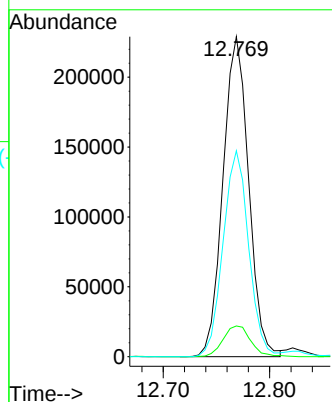
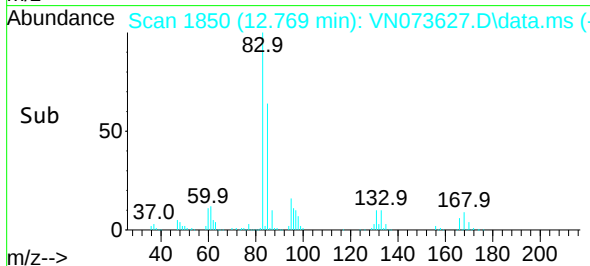
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



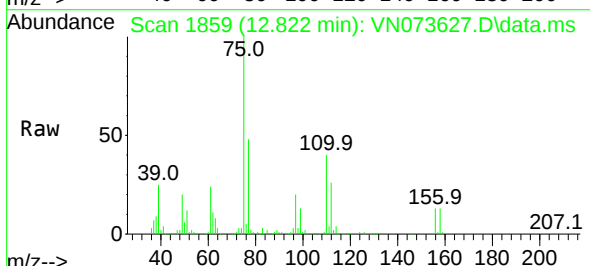
Tgt Ion: 83 Resp: 38301
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.3 15.9
 85 64.2 32.3 96.9

Manual Integrations
 APPROVED

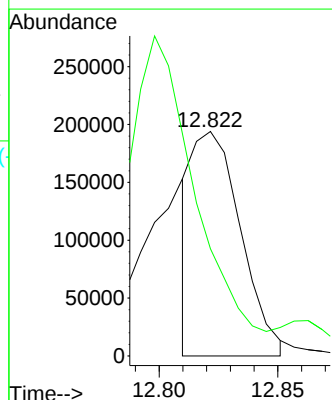
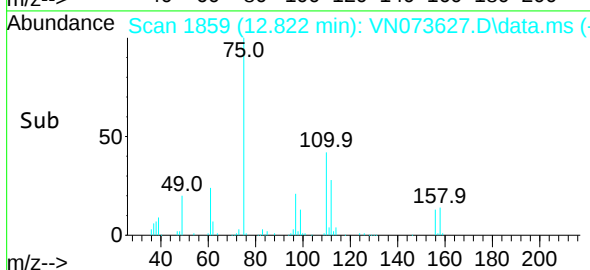
Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022



#76
 1,2,3-Trichloropropane
 Concen: 49.789 ug/l m
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.001 min
 Lab File: VN073627.D
 Acq: 29 Jul 2022 10:53



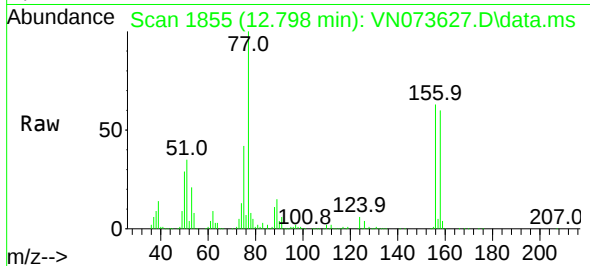
Tgt Ion: 75 Resp: 275002
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 50.117 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

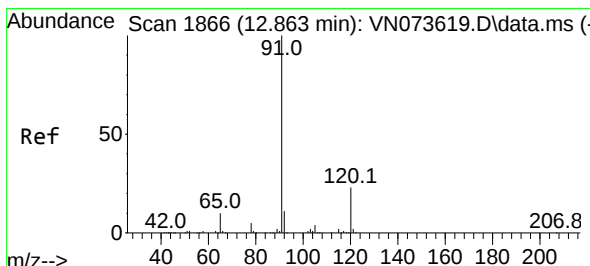
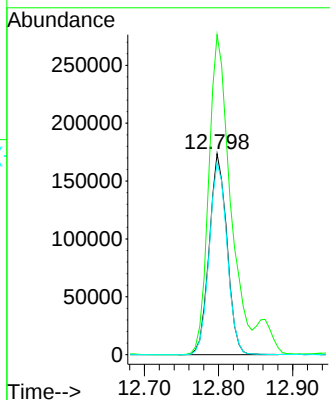
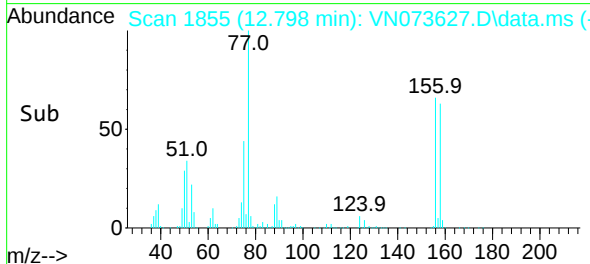
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 287978
Ion Ratio Lower Upper
156 100
77 193.3 100.5 301.5
158 96.8 48.9 146.6

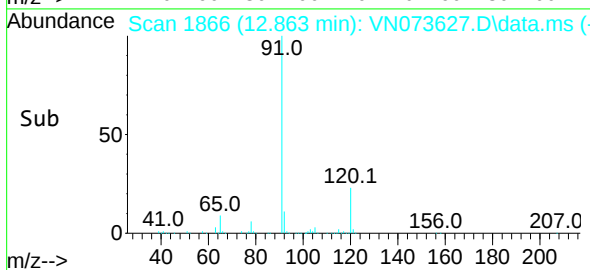
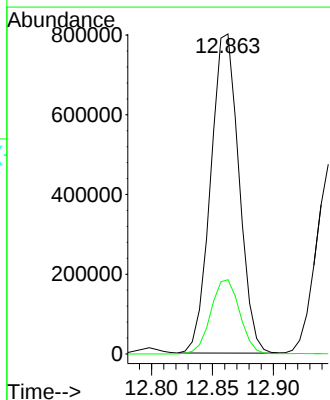
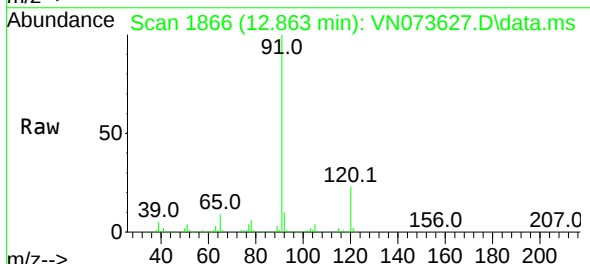
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#78
n-propylbenzene
Concen: 52.157 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

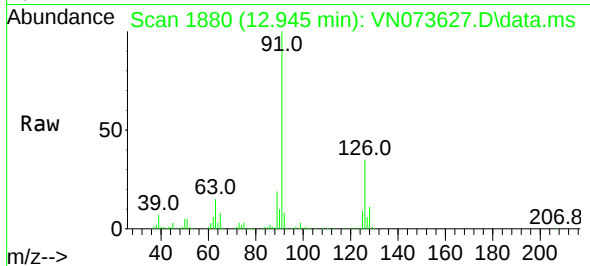
Tgt Ion: 91 Resp: 1294922
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 49.880 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

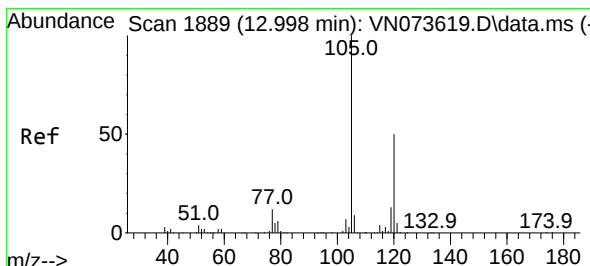
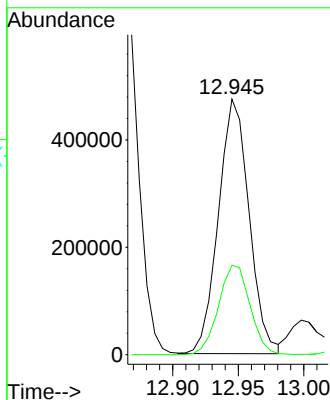
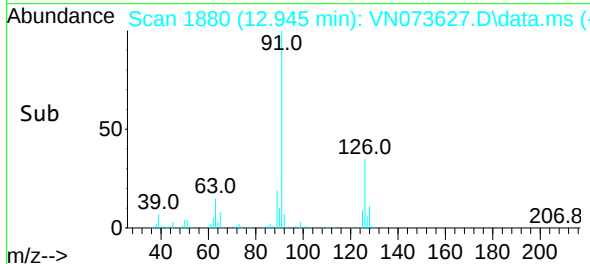
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



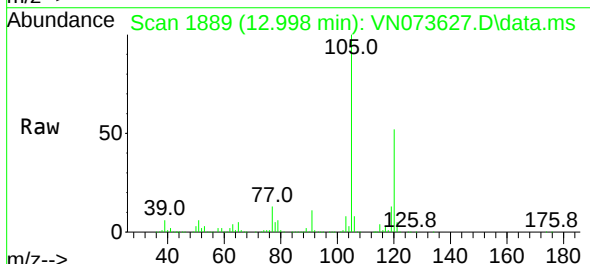
Tgt Ion: 91 Resp: 77291
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.9

Manual Integrations
APPROVED

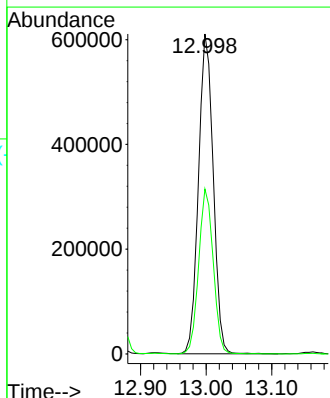
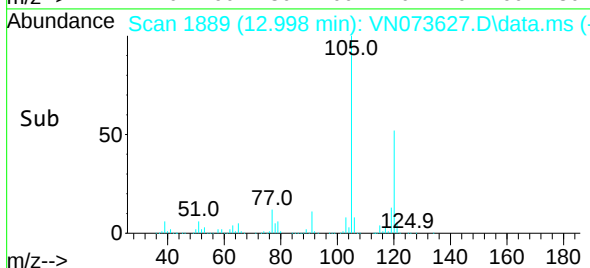
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

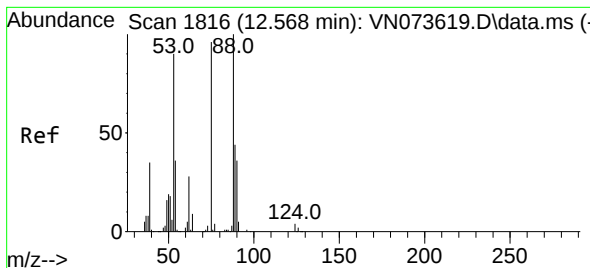


#80
1,3,5-Trimethylbenzene
Concen: 52.584 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



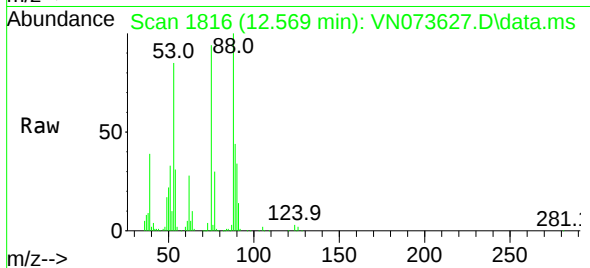
Tgt Ion:105 Resp: 954840
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 52.397 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

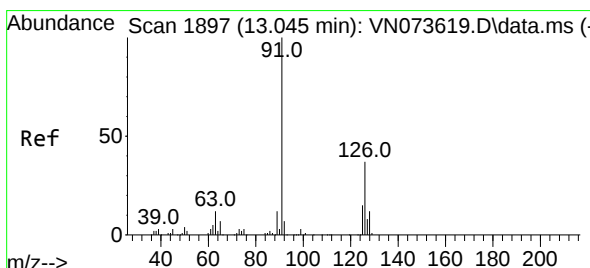
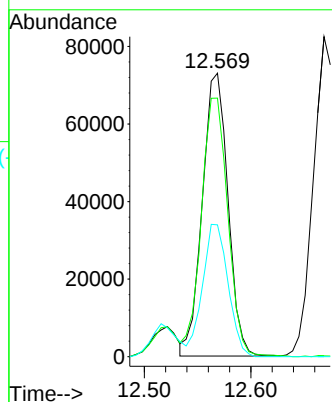
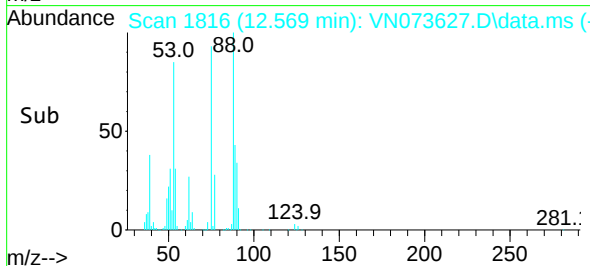
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 12187
Ion Ratio Lower Upper
75 100
53 95.2 78.0 117.0
89 46.6 37.2 55.8

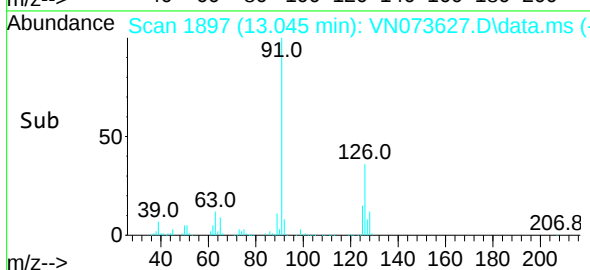
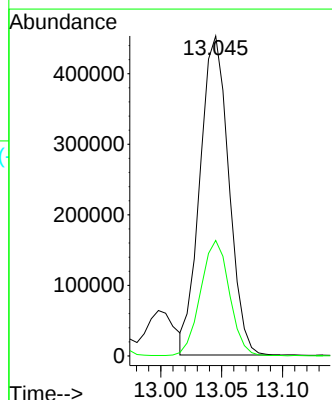
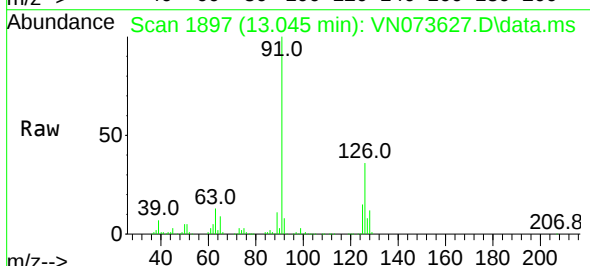
Manual Integrations
APPROVED

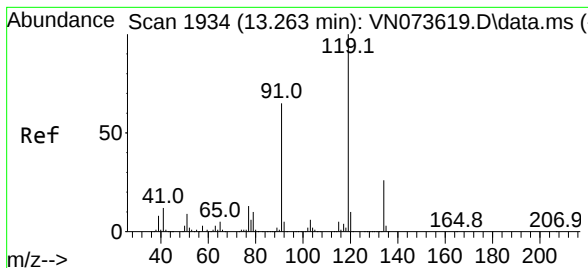
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#82
4-Chlorotoluene
Concen: 50.660 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

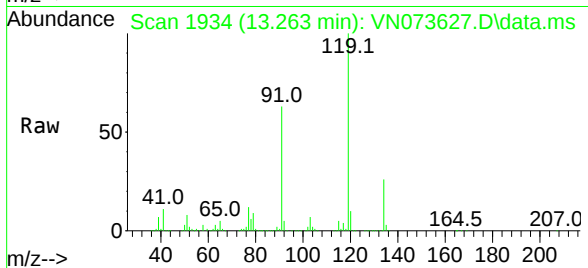
Tgt Ion: 91 Resp: 744001
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.473 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

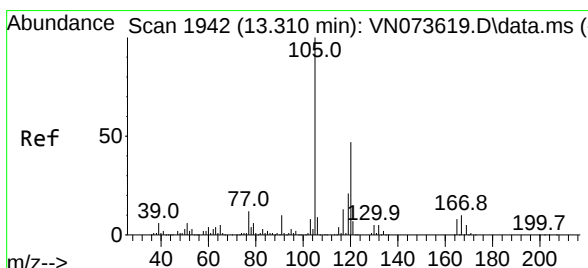
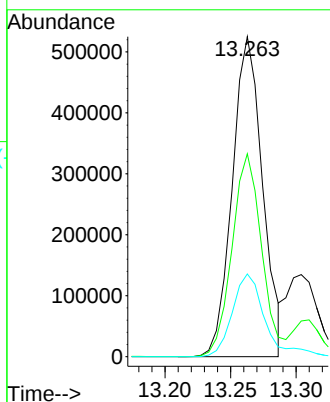
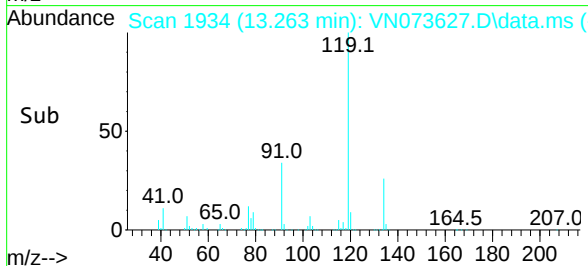
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



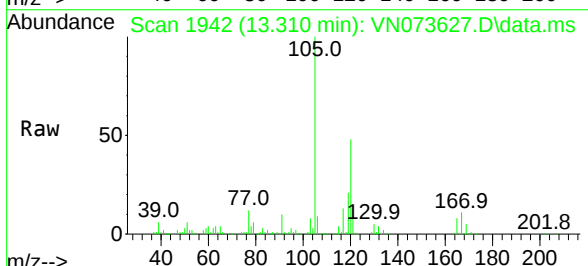
Tgt Ion:119 Resp: 843958
Ion Ratio Lower Upper
119 100
91 62.2 31.6 94.8
134 27.9 13.7 41.1

Manual Integrations
APPROVED

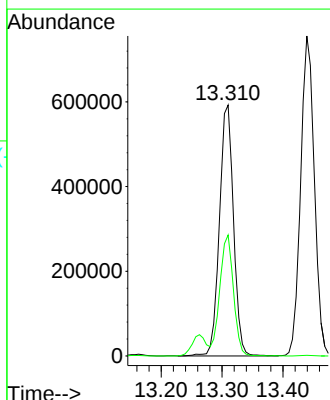
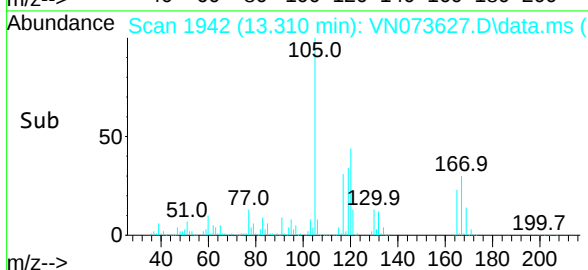
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.147 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



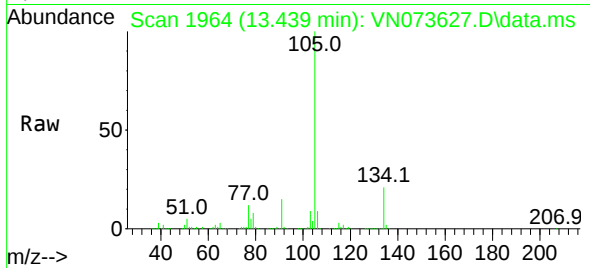
Tgt Ion:105 Resp: 948936
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.085 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073627.D
 Acq: 29 Jul 2022 10:53

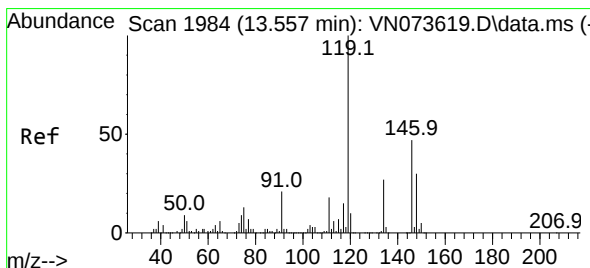
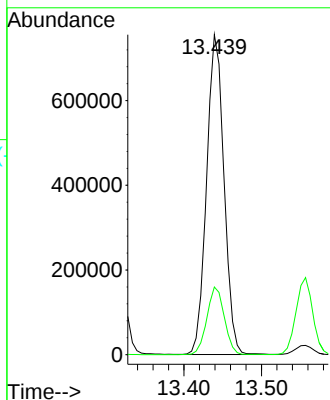
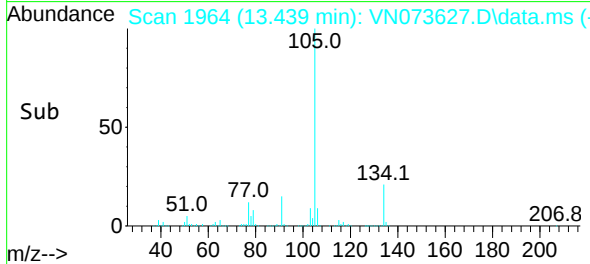
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



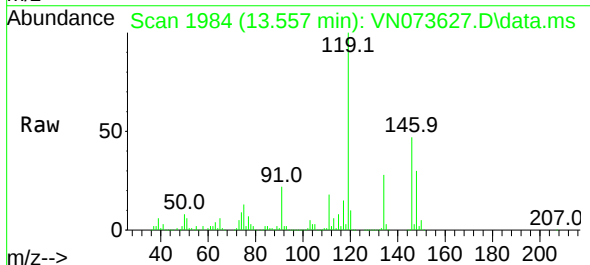
Tgt Ion:105 Resp: 1180040
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

Manual Integrations
 APPROVED

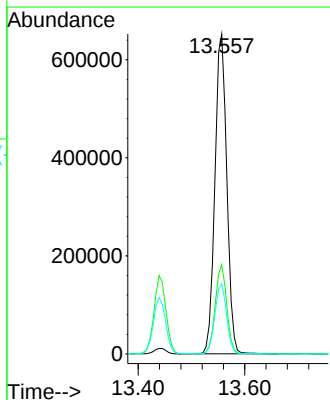
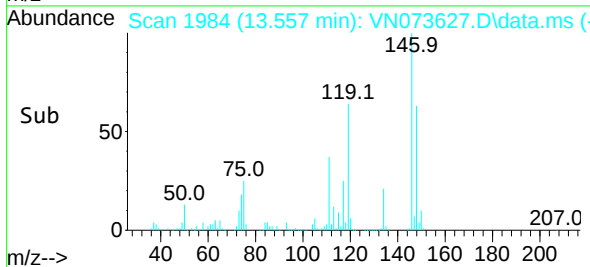
Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022

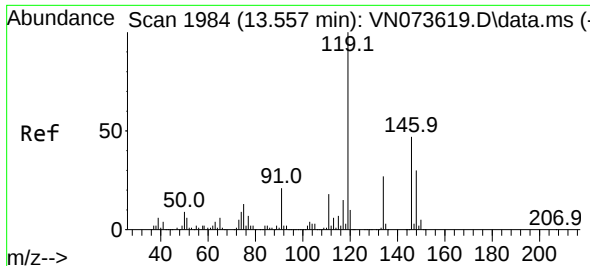


#86
 p-Isopropyltoluene
 Concen: 57.602 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073627.D
 Acq: 29 Jul 2022 10:53



Tgt Ion:119 Resp: 1009422
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 21.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.793 ug/l

RT: 13.551 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 52225

Ion Ratio Lower Upper

146 100

111 37.6 20.0 60.0

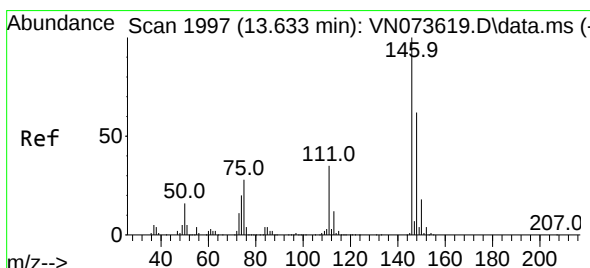
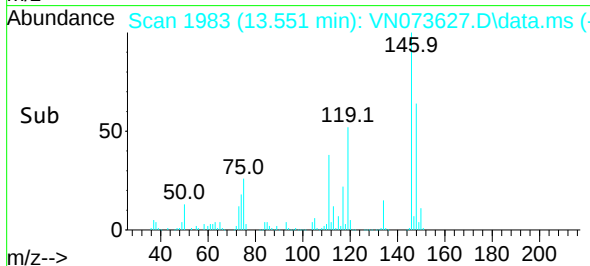
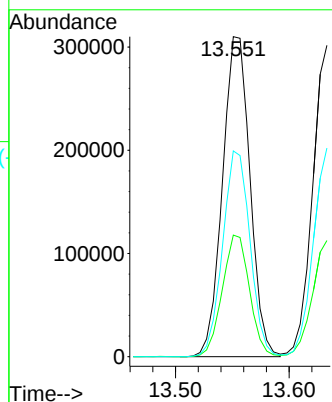
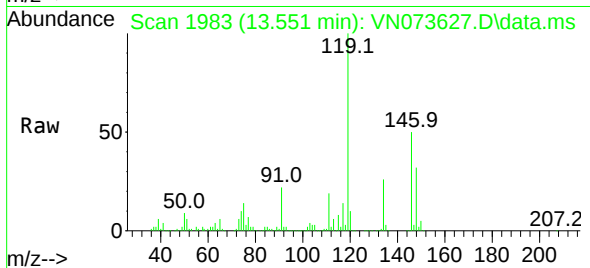
148 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#88

1,4-Dichlorobenzene

Concen: 48.999 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

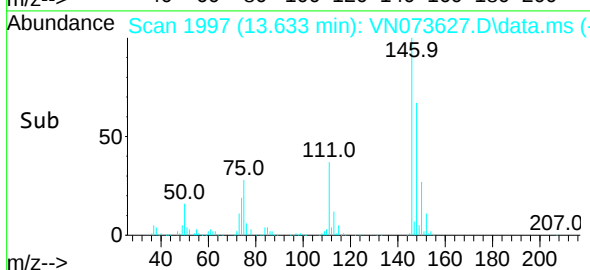
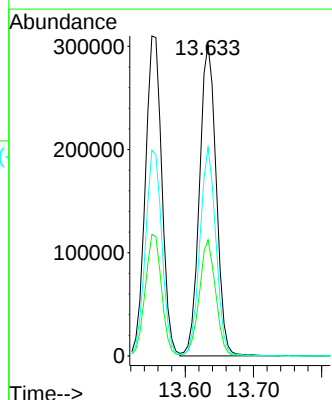
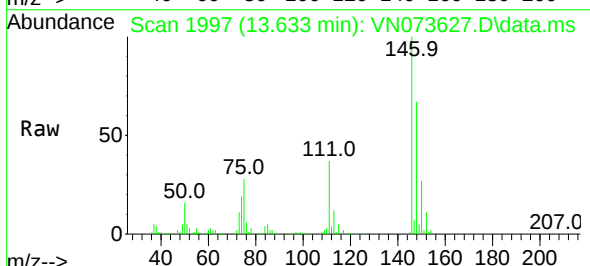
Tgt Ion:146 Resp: 514209

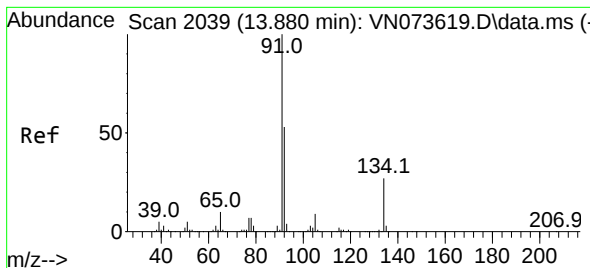
Ion Ratio Lower Upper

146 100

111 36.0 19.1 57.1

148 64.6 31.4 94.3





#89

n-Butylbenzene

Concen: 55.630 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

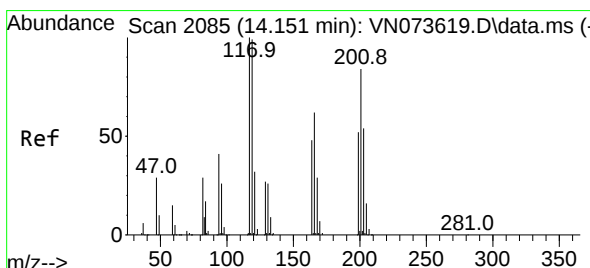
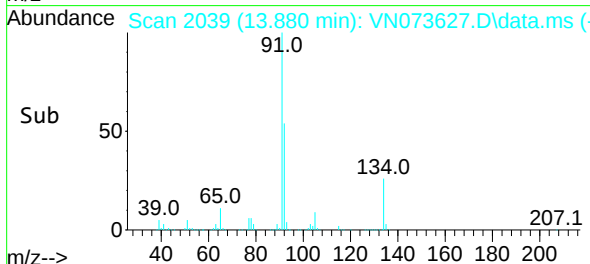
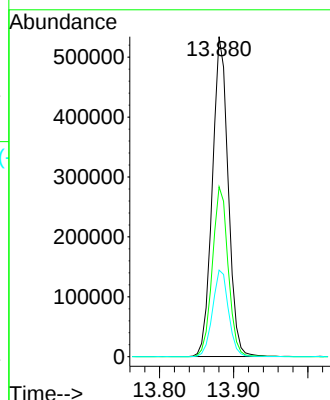
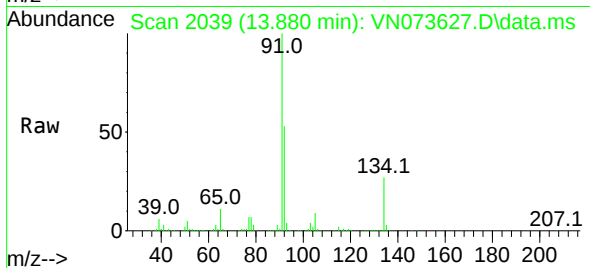
Tgt Ion:	91	Resp:	79320
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.9	80.7
134	27.3	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#90

Hexachloroethane

Concen: 50.883 ug/l

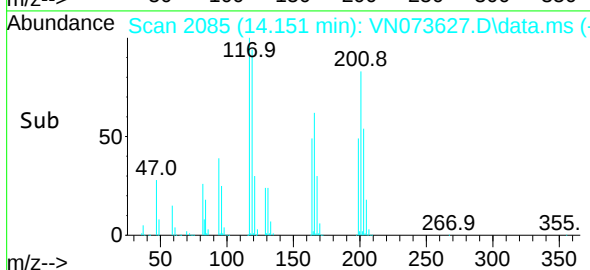
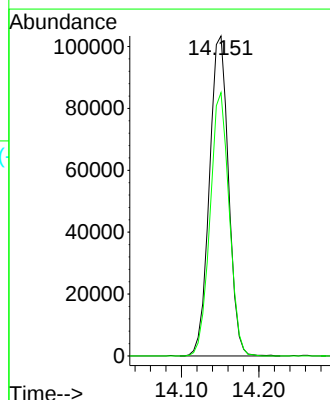
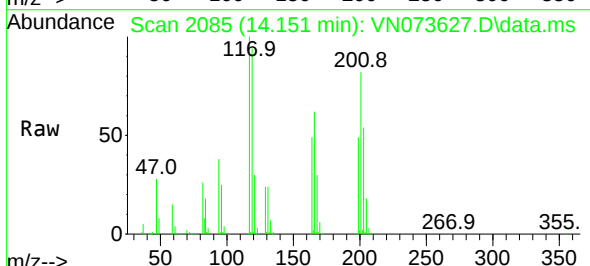
RT: 14.151 min Scan# 2085

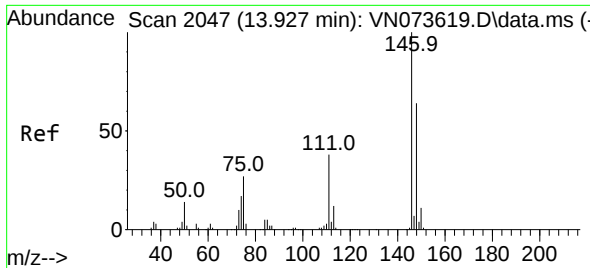
Delta R.T. 0.000 min

Lab File: VN073627.D

Acq: 29 Jul 2022 10:53

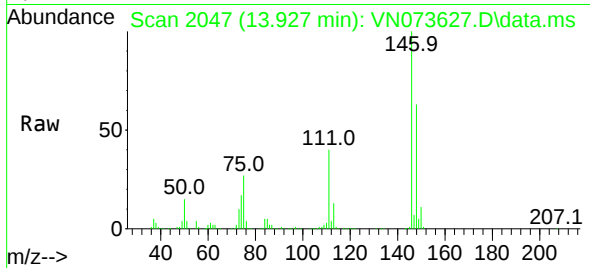
Tgt Ion:	117	Resp:	176914
Ion Ratio	Lower	Upper	
117	100		
201	82.3	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 49.146 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

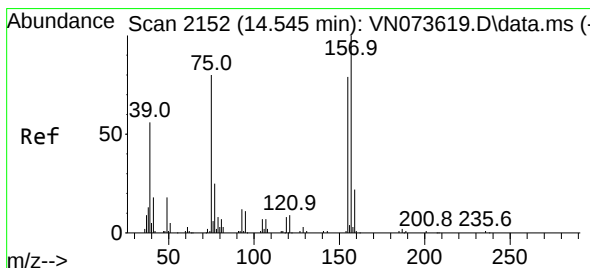
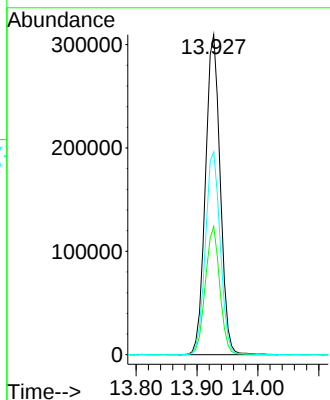
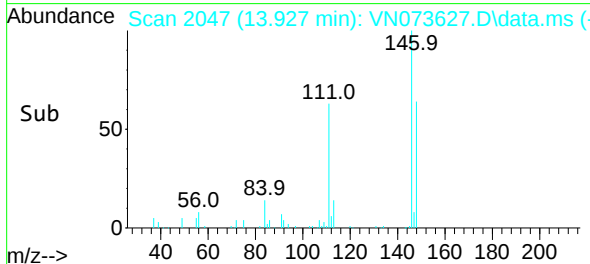
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



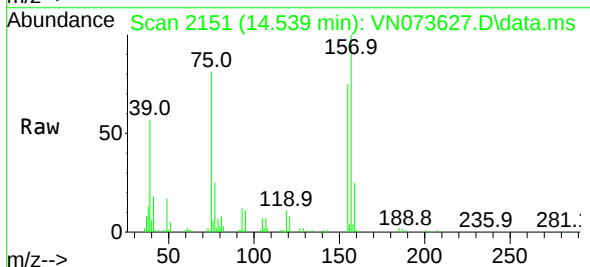
Tgt Ion:146 Resp: 52234
Ion Ratio Lower Upper
146 100
111 39.2 20.9 62.8
148 63.8 32.1 96.3

Manual Integrations
APPROVED

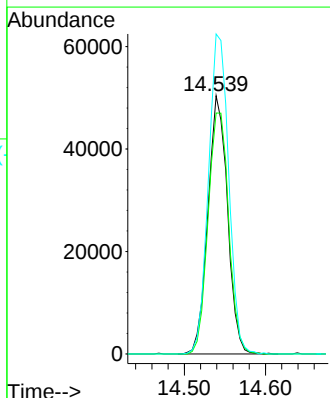
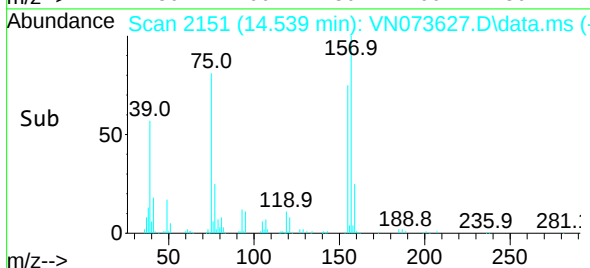
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

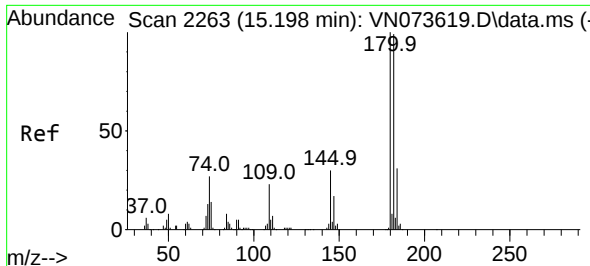


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.447 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



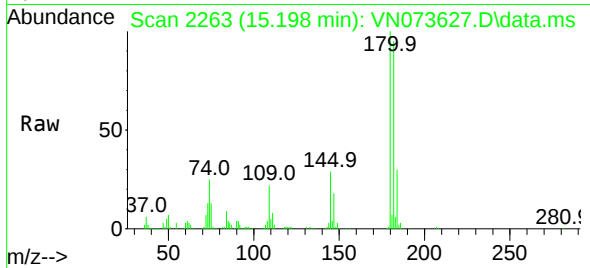
Tgt Ion: 75 Resp: 84591
Ion Ratio Lower Upper
75 100
155 98.3 44.9 134.5
157 127.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 59.445 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

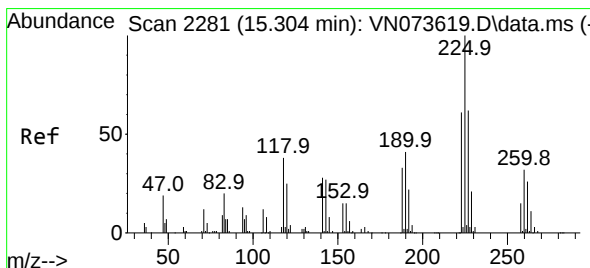
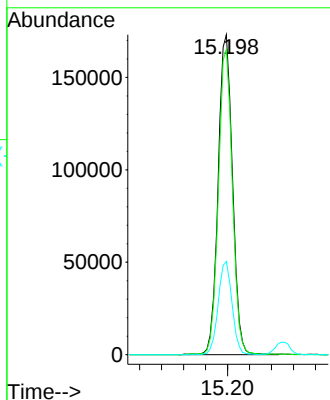
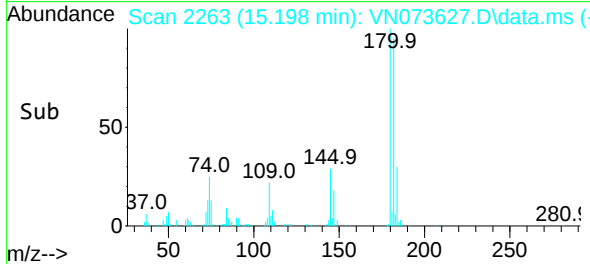
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



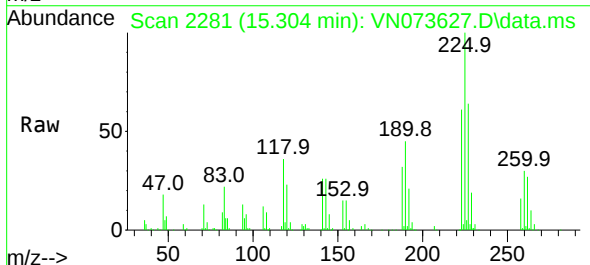
Tgt Ion:180 Resp: 313754
Ion Ratio Lower Upper
180 100
182 93.0 47.5 142.5
145 28.2 14.5 43.5

Manual Integrations
APPROVED

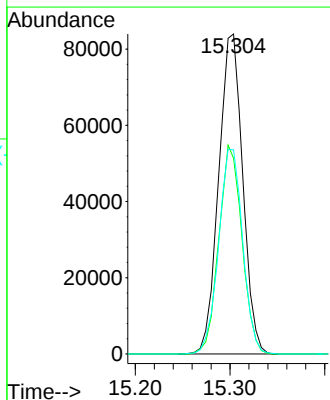
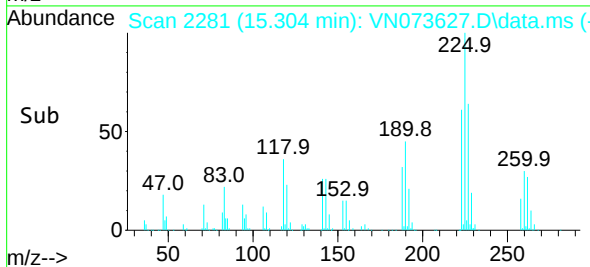
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

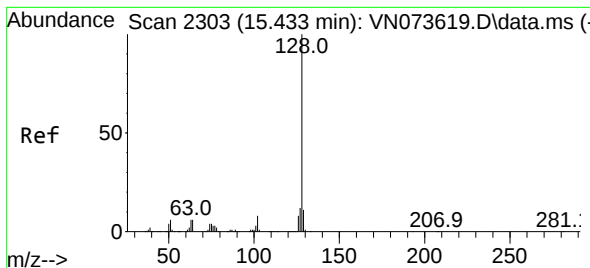


#94
Hexachlorobutadiene
Concen: 51.566 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53



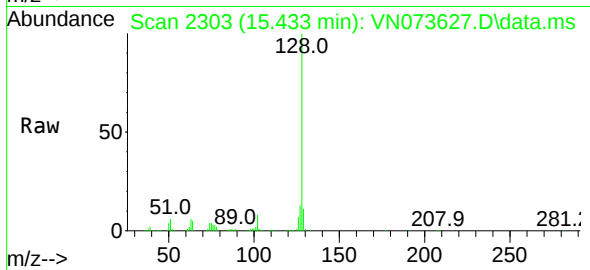
Tgt Ion:225 Resp: 147963
Ion Ratio Lower Upper
225 100
223 62.7 32.4 97.2
227 64.0 31.8 95.4





#95
Naphthalene
Concen: 60.414 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

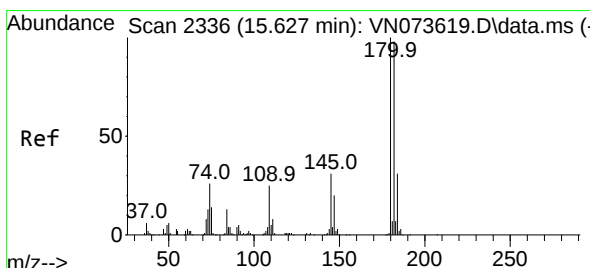
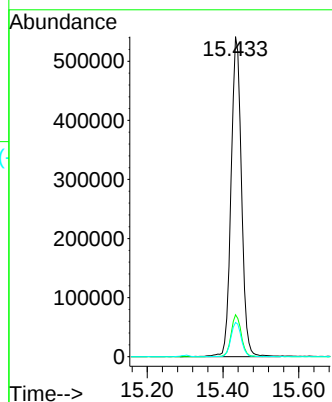
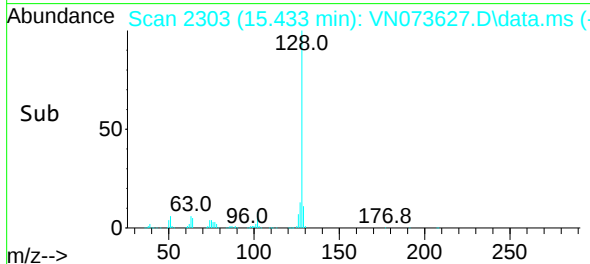
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1034749
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.294 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073627.D
Acq: 29 Jul 2022 10:53

Tgt Ion:180 Resp: 312712
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.3
145 29.9 15.5 46.5

