

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073782.D
 Acq On : 09 Aug 2022 12:08
 Operator : JC\MD
 Sample : VN0809WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 09 21:06:08 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	325108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	511585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	480782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	225617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	213553	53.901	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.800%			
35) Dibromofluoromethane	7.951	113	179788	55.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.940%			
50) Toluene-d8	10.380	98	667461	52.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.674	95	214442	50.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	53108	16.842	ug/l	95
3) Chloromethane	2.269	50	71620	17.257	ug/l	96
4) Vinyl Chloride	2.405	62	87598	15.884	ug/l	98
5) Bromomethane	2.799	94	45486	14.221	ug/l	100
6) Chloroethane	2.963	64	61985	17.905	ug/l	99
7) Trichlorofluoromethane	3.310	101	128550	22.617	ug/l	97
8) Diethyl Ether	3.763	74	40793	19.114	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.140	101	60805	19.336	ug/l	99
10) Methyl Iodide	4.340	142	42090	13.166	ug/l	99
11) Tert butyl alcohol	5.293	59	92396	108.134	ug/l	98
12) 1,1-Dichloroethene	4.110	96	55497	17.992	ug/l	90
13) Acrolein	3.981	56	80911	95.515	ug/l	99
14) Allyl chloride	4.763	41	91783	18.612	ug/l	97
15) Acrylonitrile	5.469	53	250887	106.147	ug/l	100
16) Acetone	4.222	43	211066	99.185	ug/l	98
17) Carbon Disulfide	4.451	76	133048	16.268	ug/l	98
18) Methyl Acetate	4.775	43	117934	22.276	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	216022	20.500	ug/l	96
20) Methylene Chloride	5.010	84	76013	20.793	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	60635	18.160	ug/l	97
22) Diisopropyl ether	6.410	45	210227	19.759	ug/l	96
23) Vinyl Acetate	6.351	43	901343	101.046	ug/l	99
24) 1,1-Dichloroethane	6.304	63	121862	18.618	ug/l	97
25) 2-Butanone	7.263	43	337738	102.198	ug/l	99
26) 2,2-Dichloropropane	7.251	77	88875	17.649	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	77983	18.956	ug/l	94
28) Bromochloromethane	7.581	49	61411	22.345	ug/l	98
29) Tetrahydrofuran	7.610	42	224009	107.211	ug/l	99
30) Chloroform	7.745	83	131436	19.273	ug/l	98
31) Cyclohexane	8.022	56	102314	17.346	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	106682	18.840	ug/l	99
36) 1,1-Dichloropropene	8.151	75	86642	18.924	ug/l	99
37) Ethyl Acetate	7.334	43	131153	21.751	ug/l	97
38) Carbon Tetrachloride	8.134	117	88125	18.951	ug/l	99
39) Methylcyclohexane	9.392	83	102300	18.698	ug/l	99
40) Benzene	8.392	78	291089	19.579	ug/l	99

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Quant Time: Aug 09 21:06:08 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)
41) Methacrylonitrile	7.563	41	60229	22.074	ug/l	94
42) 1,2-Dichloroethane	8.463	62	104025	20.760	ug/l	99
43) Isopropyl Acetate	8.498	43	174110	21.378	ug/l	99
44) Trichloroethene	9.151	130	72023	19.103	ug/l	99
45) 1,2-Dichloropropane	9.428	63	75618	20.348	ug/l	95
46) Dibromomethane	9.516	93	53277	20.656	ug/l	99
47) Bromodichloromethane	9.698	83	105011	21.213	ug/l	100
48) Methyl methacrylate	9.498	41	74479	20.892	ug/l	90
49) 1,4-Dioxane	9.504	88	48787	485.483	ug/l	92
51) 4-Methyl-2-Pentanone	10.269	43	654486	112.043	ug/l	99
52) Toluene	10.445	92	184675	20.336	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	100151	20.479	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	108441	19.678	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	81939	21.637	ug/l	99
56) Ethyl methacrylate	10.704	69	114557	21.948	ug/l	100
57) 1,3-Dichloropropane	10.986	76	134391	20.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	238783	92.957	ug/l	100
59) 2-Hexanone	11.028	43	500523	113.096	ug/l	99
60) Dibromochloromethane	11.180	129	83091	22.055	ug/l	98
61) 1,2-Dibromoethane	11.286	107	81854	20.987	ug/l	99
64) Tetrachloroethene	10.916	164	71143	18.619	ug/l	96
65) Chlorobenzene	11.710	112	197397	19.330	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	73801	20.148	ug/l	99
67) Ethyl Benzene	11.786	91	327502	19.009	ug/l	98
68) m/p-Xylenes	11.892	106	257583	39.200	ug/l	99
69) o-Xylene	12.222	106	128562	20.068	ug/l	98
70) Styrene	12.233	104	211201	20.595	ug/l	98
71) Bromoform	12.398	173	64529	21.343	ug/l #	98
73) Isopropylbenzene	12.522	105	320980	19.435	ug/l	100
74) N-amyl acetate	12.333	43	127190	20.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	129393	20.303	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	113389m	25.879	ug/l	
77) Bromobenzene	12.798	156	84722	19.698	ug/l	100
78) n-propylbenzene	12.863	91	368347	19.821	ug/l	99
79) 2-Chlorotoluene	12.945	91	228956	19.740	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	271110	19.947	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	34753	19.962	ug/l	97
82) 4-Chlorotoluene	13.045	91	212877	19.365	ug/l	97
83) tert-Butylbenzene	13.263	119	242492	20.143	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	275370	20.605	ug/l	98
85) sec-Butylbenzene	13.439	105	334147	20.082	ug/l	100
86) p-Isopropyltoluene	13.557	119	268321	20.456	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	151784	19.334	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	149256	19.001	ug/l	98
89) n-Butylbenzene	13.886	91	199690	18.711	ug/l	97
90) Hexachloroethane	14.151	117	50295	19.326	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	159170	20.008	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	26952	21.048	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	80027	20.257	ug/l	98
94) Hexachlorobutadiene	15.304	225	43248	20.137	ug/l	98
95) Naphthalene	15.439	128	273482	21.333	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	84710	20.373	ug/l	98

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Sample : VN0809WBSD01
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ClientSampleId :
VN0809WBSD01

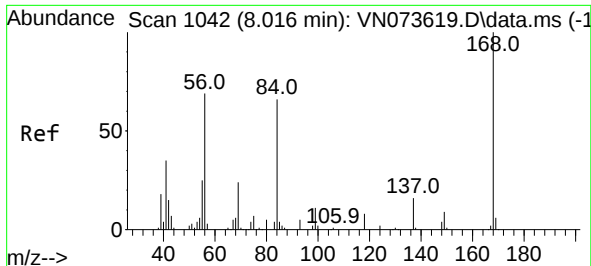
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 09 21:06:08 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

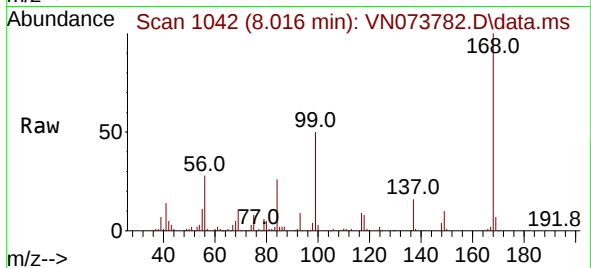
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073782.D
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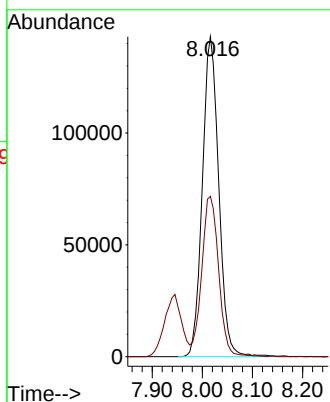
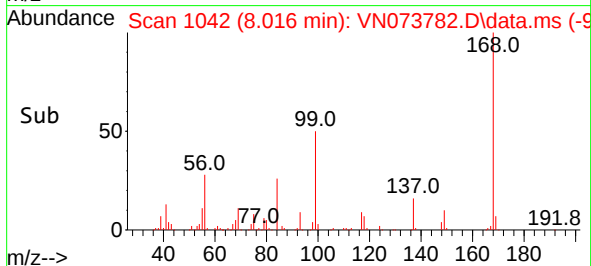
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



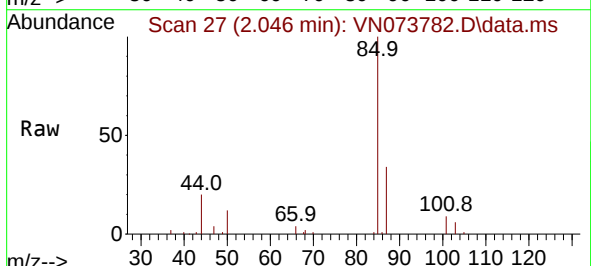
Tgt Ion:168 Resp: 325108
Ion Ratio Lower Upper
168 100
99 50.1 42.3 63.5

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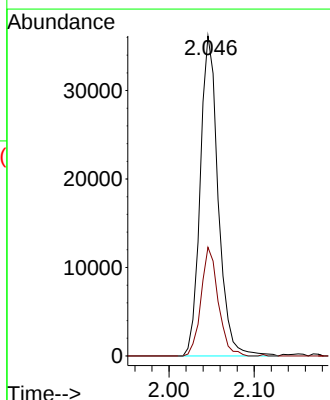
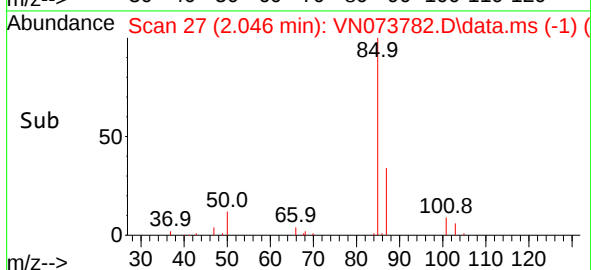
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#2
Dichlorodifluoromethane
Concen: 16.842 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



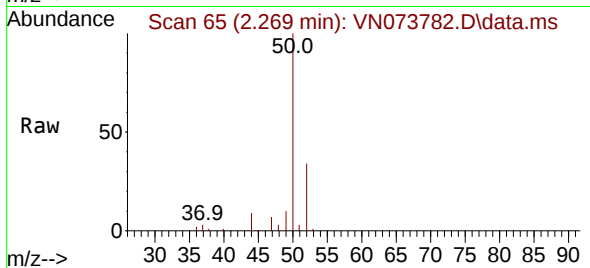
Tgt Ion: 85 Resp: 53108
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.1





#3
Chloromethane
Concen: 17.257 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

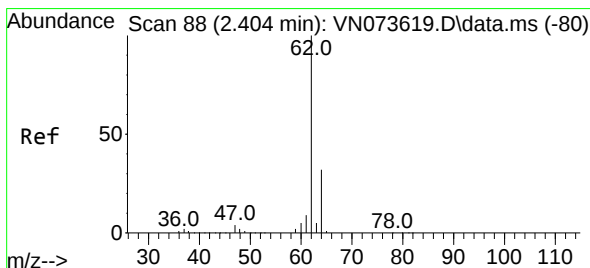
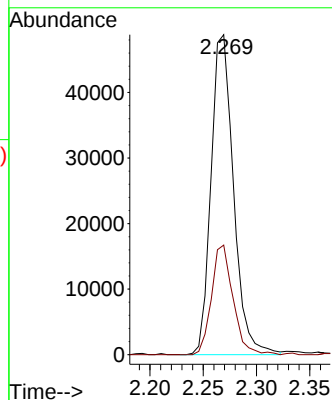
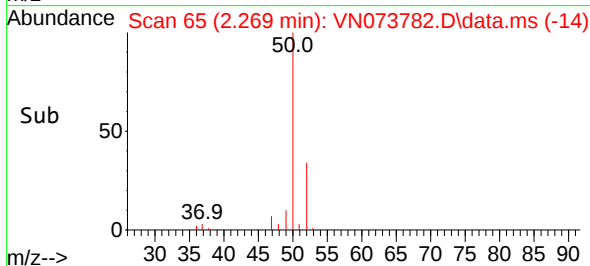
Instrument :
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Tgt Ion: 50 Resp: 71620
Ion Ratio Lower Upper
50 100
52 34.3 25.7 38.5

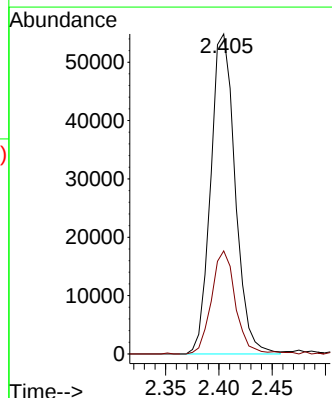
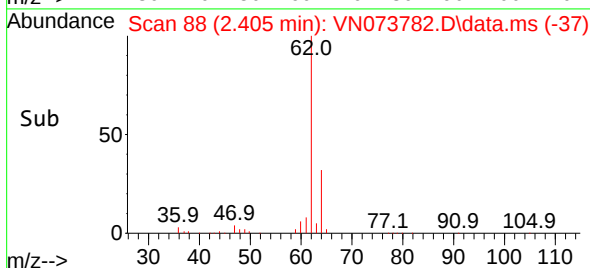
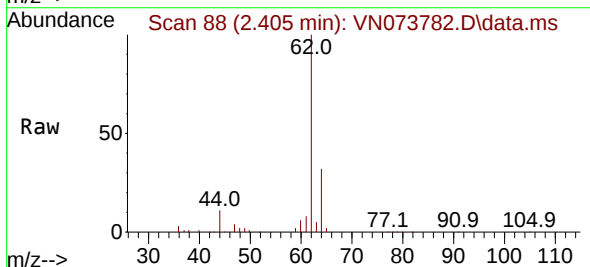
Manual Integrations
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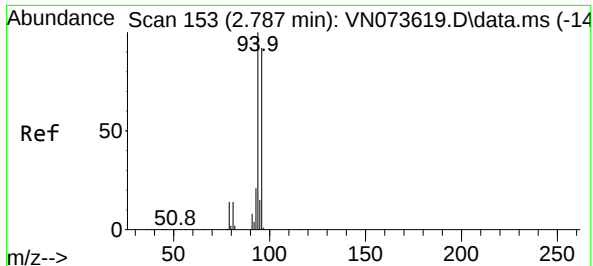
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#4
Vinyl Chloride
Concen: 15.884 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

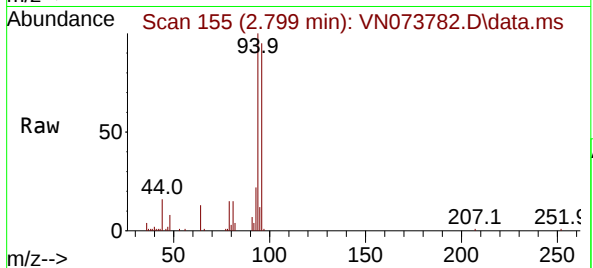
Tgt Ion: 62 Resp: 87598
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.4





#5
Bromomethane
Concen: 14.221 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

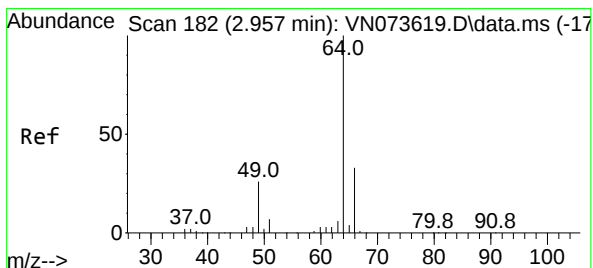
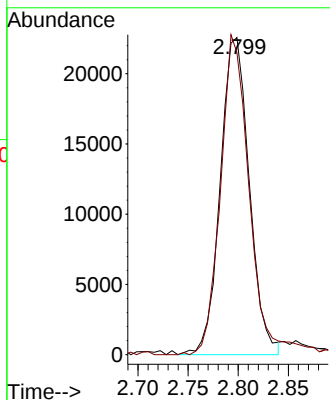
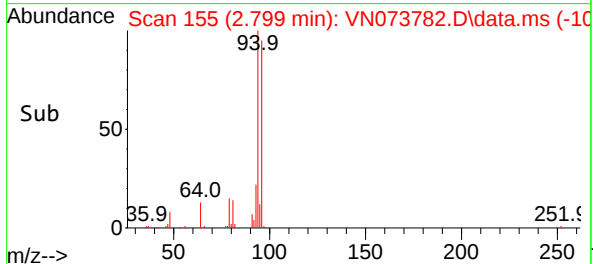
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Tgt Ion: 94 Resp: 4548
Ion Ratio Lower Upper
94 100
96 95.3 76.0 114.0

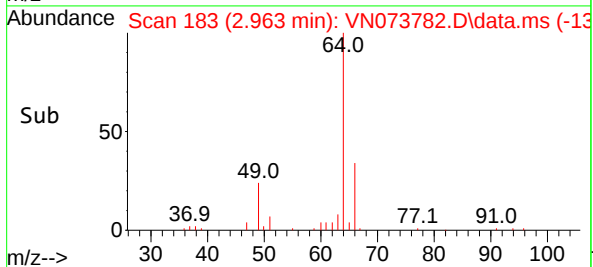
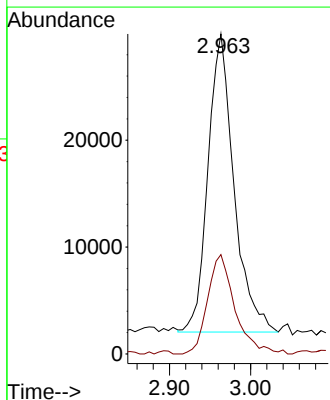
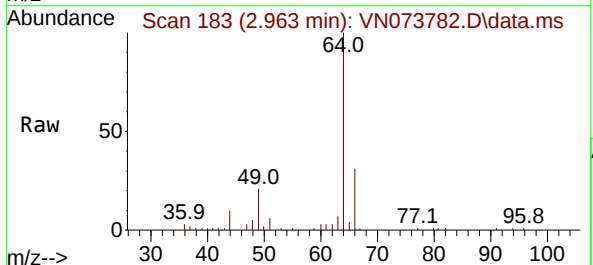
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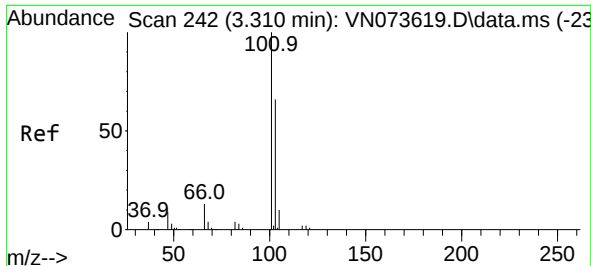
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#6
Chloroethane
Concen: 17.905 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

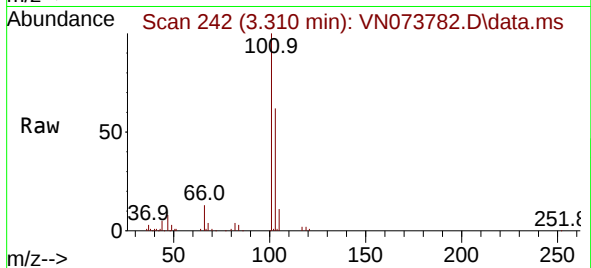
Tgt Ion: 64 Resp: 61985
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 22.617 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN073782.D
 Acq: 09 Aug 2022 12:08

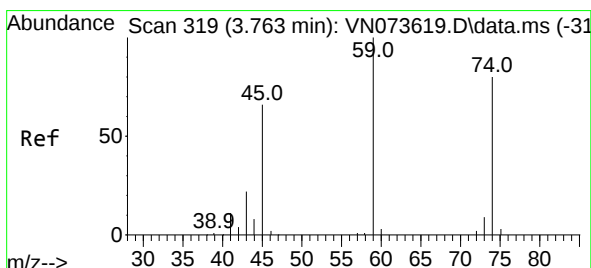
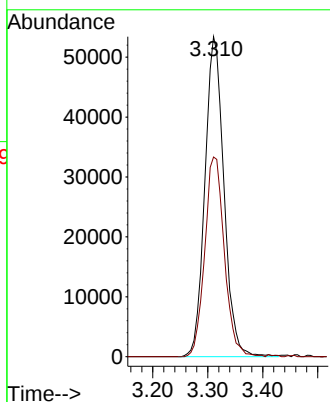
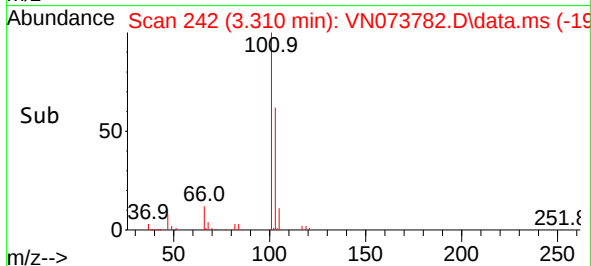
Instrument :
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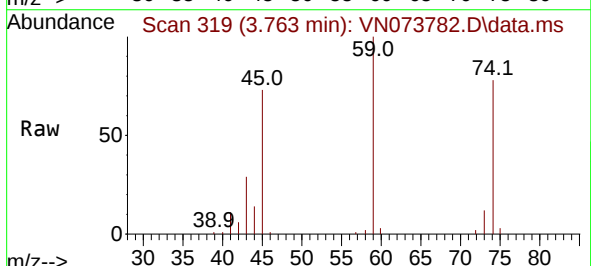
Tgt Ion:101 Resp: 128550
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.5 77.3

Manual Integrations
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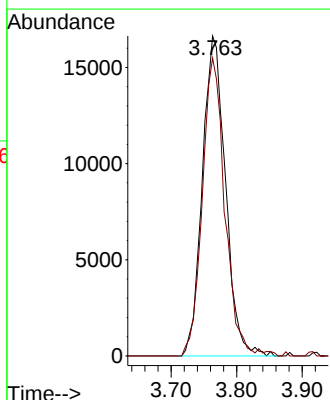
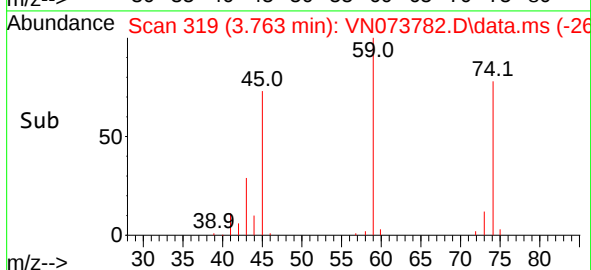
Reviewed By :John Carlone 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

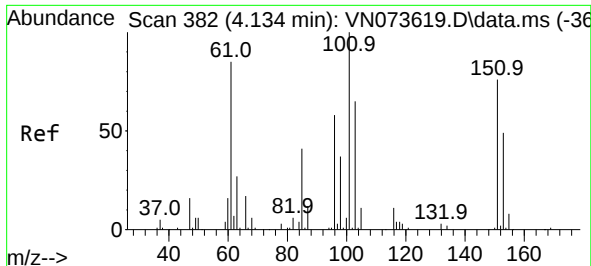


#8
 Diethyl Ether
 Concen: 19.114 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073782.D
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Tgt Ion: 74 Resp: 40793
 Ion Ratio Lower Upper
 74 100
 45 89.9 42.9 128.5





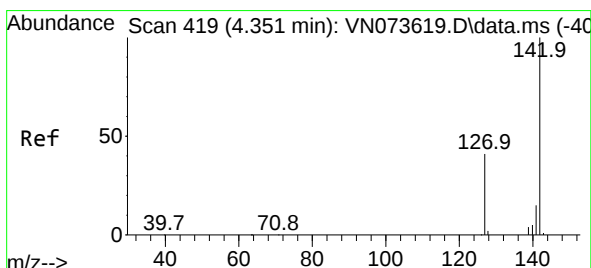
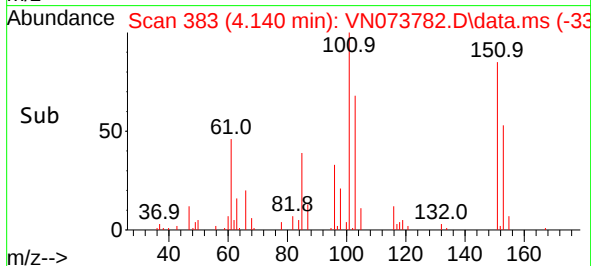
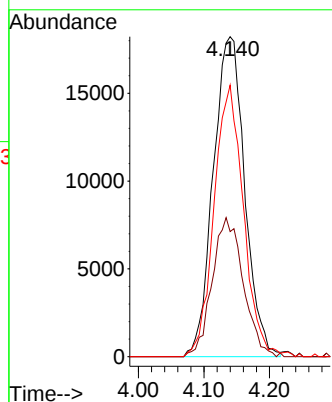
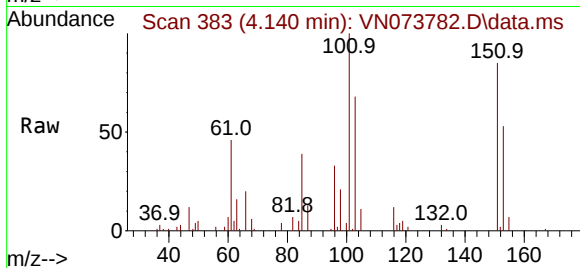
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.336 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073782.D
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Instrument :
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Tgt Ion:101 Resp: 6080
Ion Ratio Lower Upper
101 100
85 42.8 34.7 52.1
151 79.4 63.0 94.4

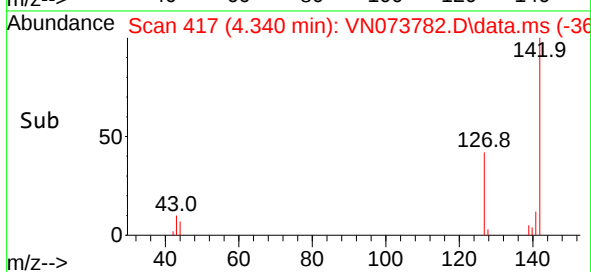
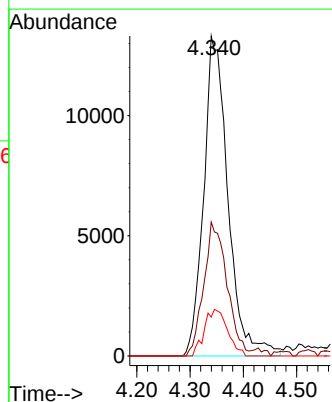
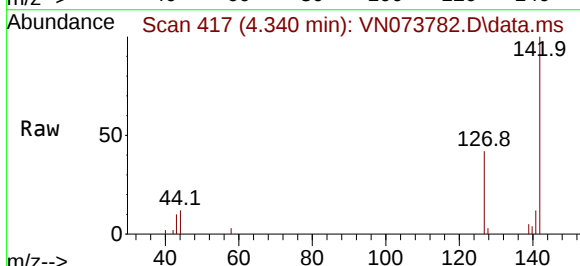
Manual Integrations
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Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#10
Methyl Iodide
Concen: 13.166 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

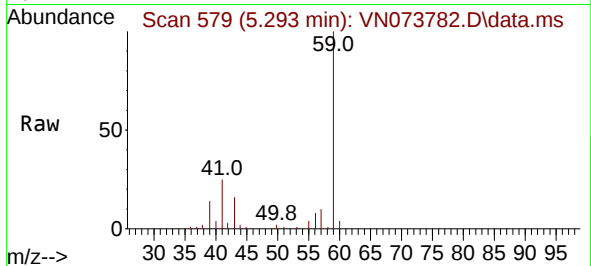
Tgt Ion:142 Resp: 42090
Ion Ratio Lower Upper
142 100
127 40.0 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 108.134 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.001 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

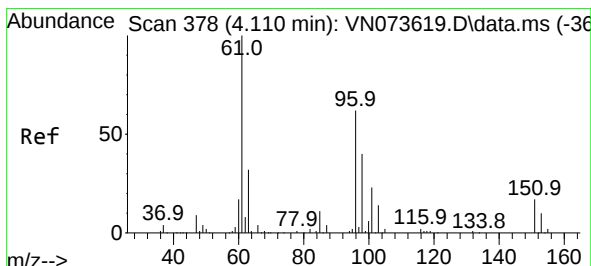
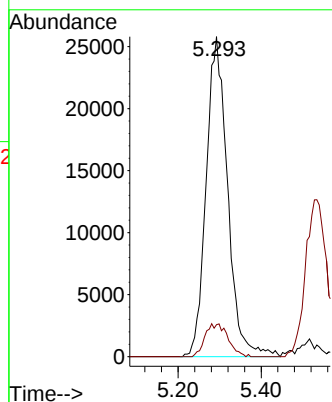
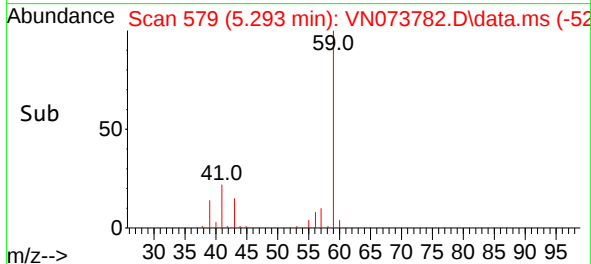
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



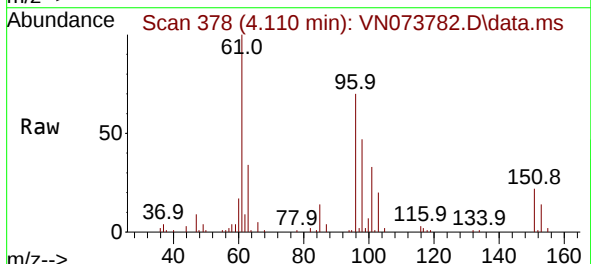
Tgt Ion: 59 Resp: 92390
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

Manual Integrations
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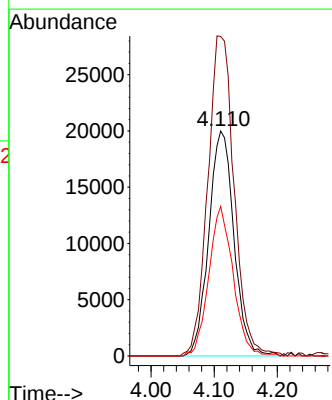
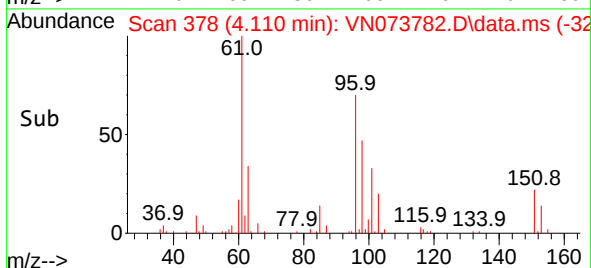
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#12
1,1-Dichloroethene
Concen: 17.992 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



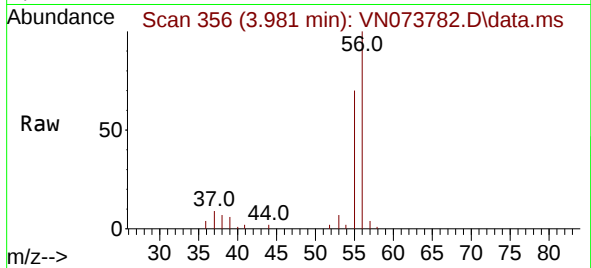
Tgt Ion: 96 Resp: 55497
Ion Ratio Lower Upper
96 100
61 142.0 127.6 191.4
98 66.5 51.2 76.8





#13
Acrolein
Concen: 95.515 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

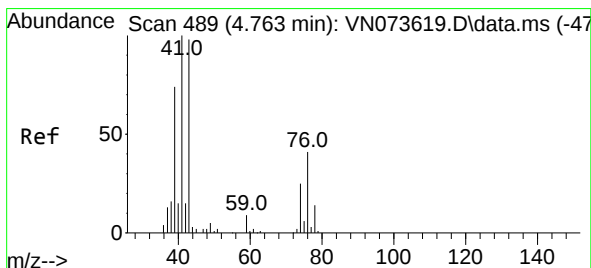
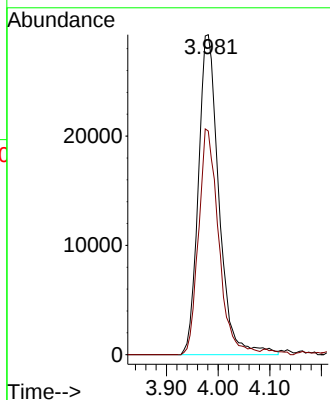
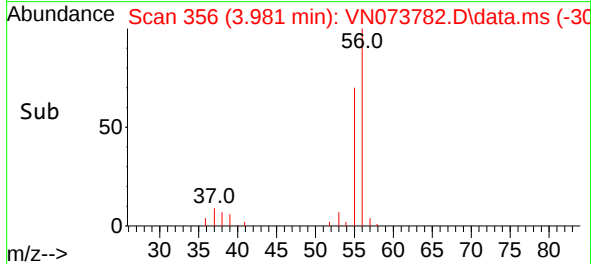
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 56 Resp: 8091
Ion Ratio Lower Upper
56 100
55 69.0 54.8 82.2

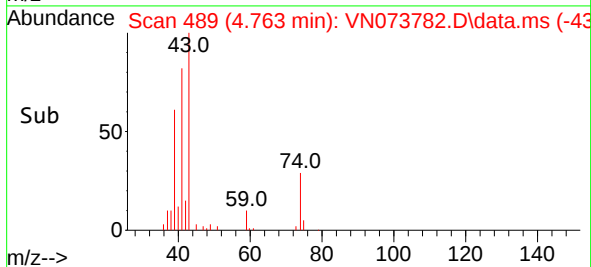
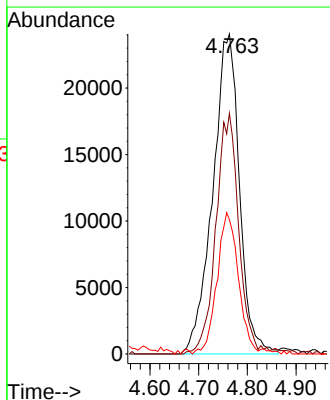
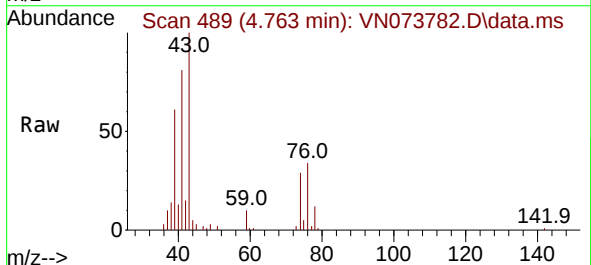
Manual Integrations
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Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#14
Allyl chloride
Concen: 18.612 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

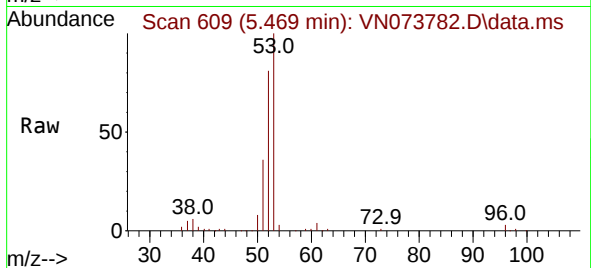
Tgt Ion: 41 Resp: 91783
Ion Ratio Lower Upper
41 100
39 64.1 53.2 79.8
76 35.3 29.9 44.9





#15
Acrylonitrile
Concen: 106.147 ug/l
RT: 5.469 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

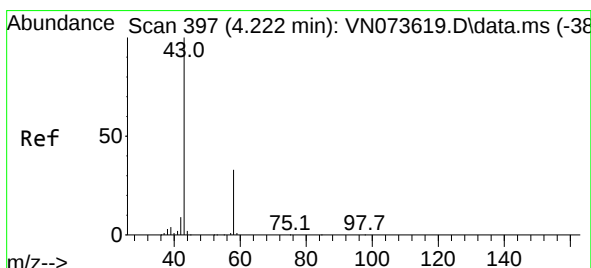
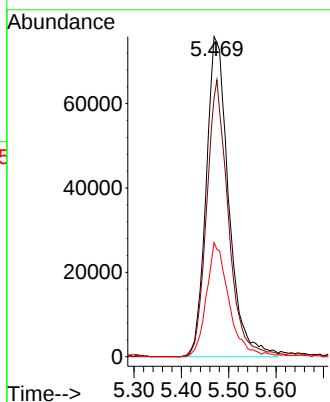
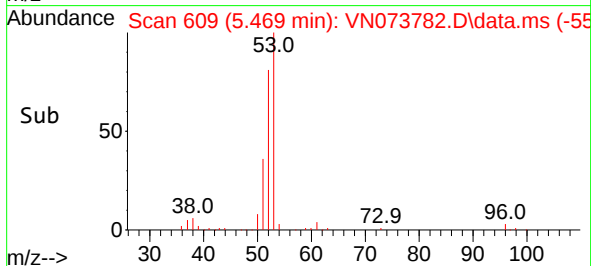
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 53 Resp: 25088
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 35.0 28.5 42.7

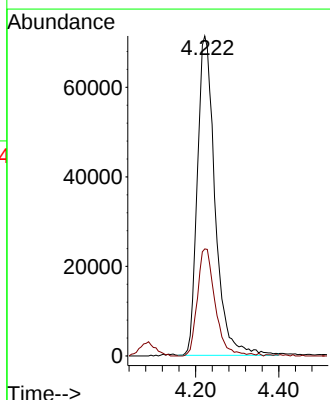
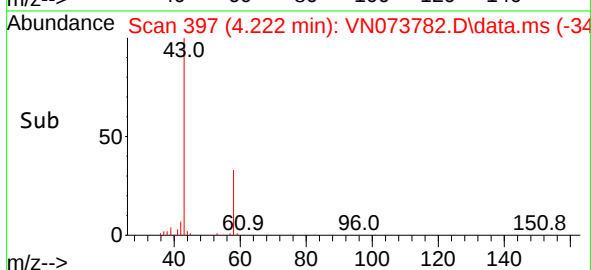
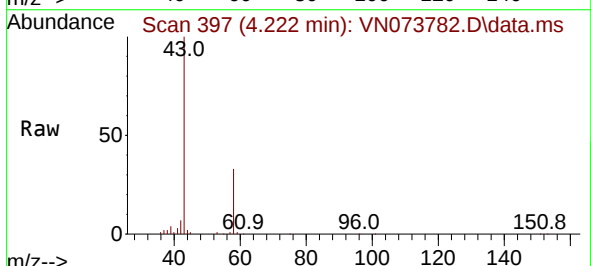
Manual Integrations
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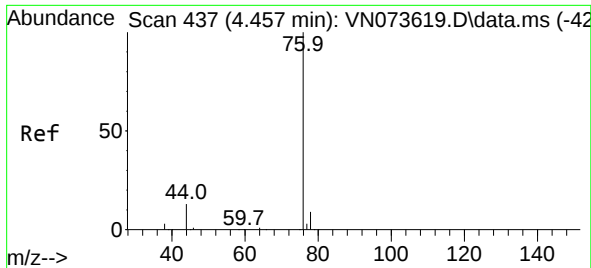
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#16
Acetone
Concen: 99.185 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

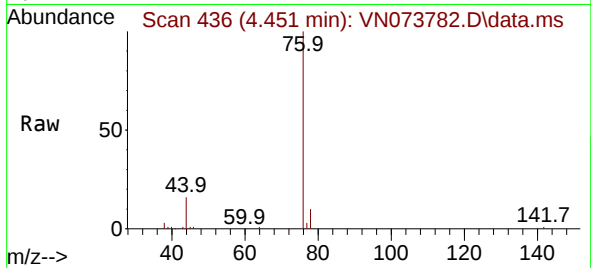
Tgt Ion: 43 Resp: 211066
Ion Ratio Lower Upper
43 100
58 33.5 26.0 39.0





#17
Carbon Disulfide
Concen: 16.268 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

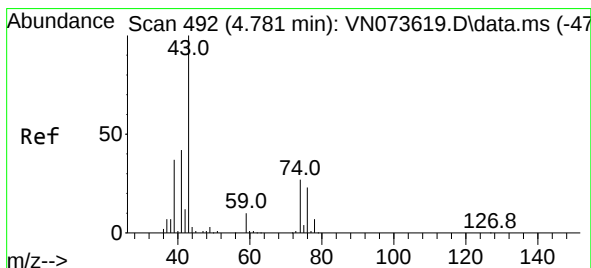
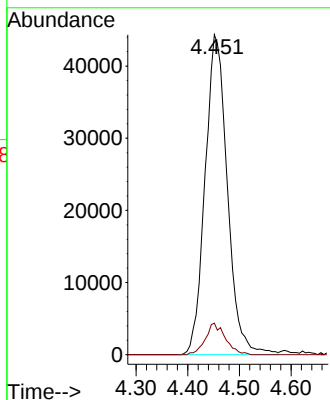
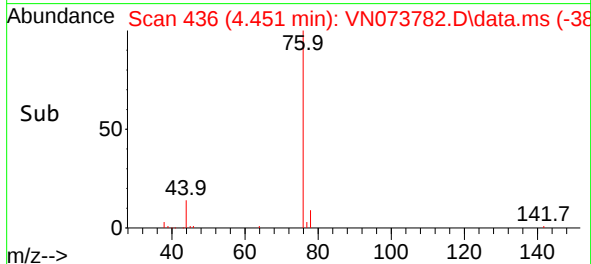
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 76 Resp: 13304
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

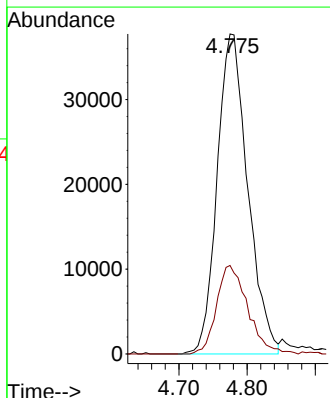
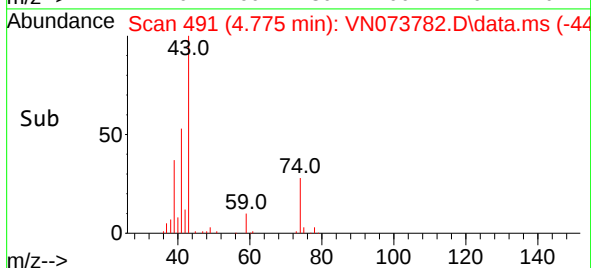
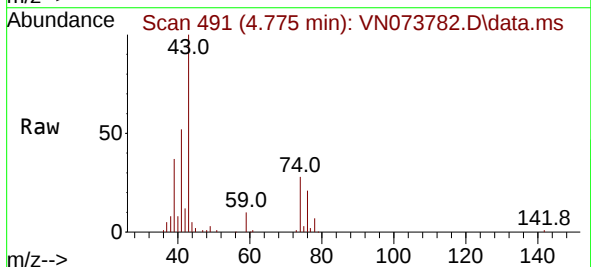
Manual Integrations
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Supervised By :Mahesh Dadoda 08/11/2022



#18
Methyl Acetate
Concen: 22.276 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

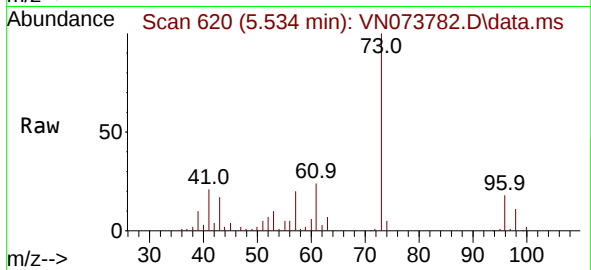
Tgt Ion: 43 Resp: 117934
Ion Ratio Lower Upper
43 100
74 28.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 20.500 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

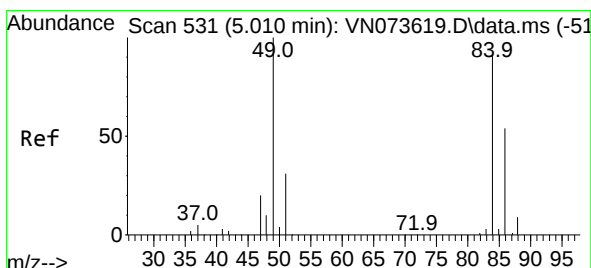
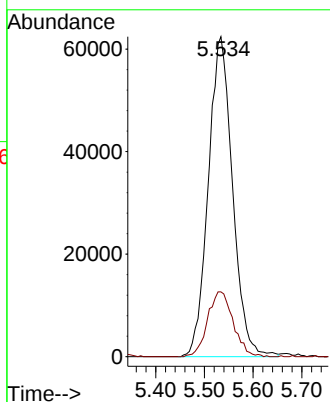
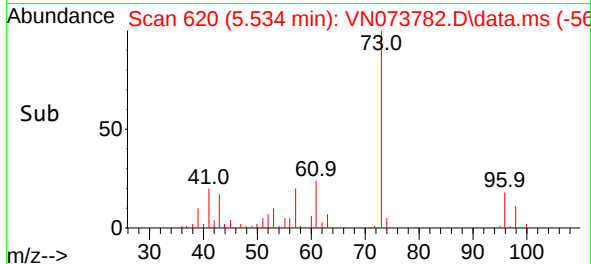
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 73 Resp: 21602
Ion Ratio Lower Upper
73 100
57 20.3 17.6 26.4

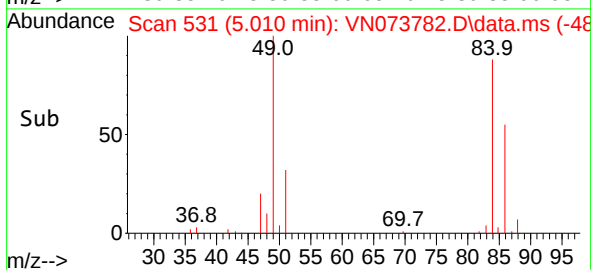
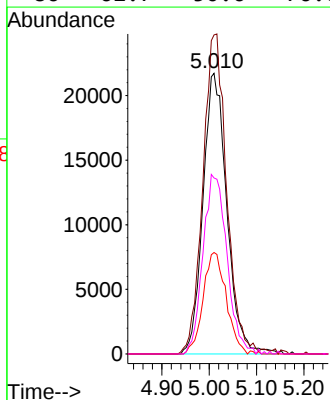
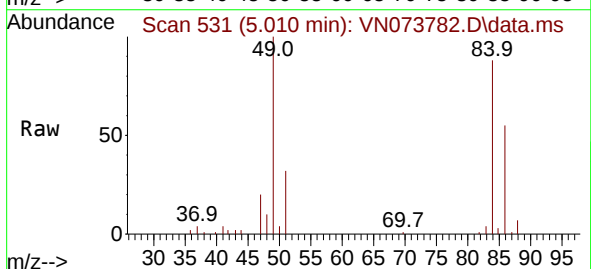
Manual Integrations
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Supervised By :Mahesh Dadoda 08/11/2022



#20
Methylene Chloride
Concen: 20.793 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

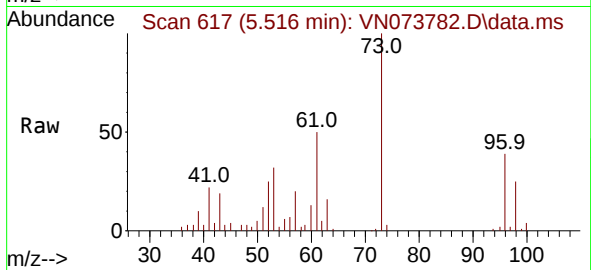
Tgt Ion: 84 Resp: 76013
Ion Ratio Lower Upper
84 100
49 113.7 88.3 132.5
51 36.1 28.2 42.2
86 62.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.160 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

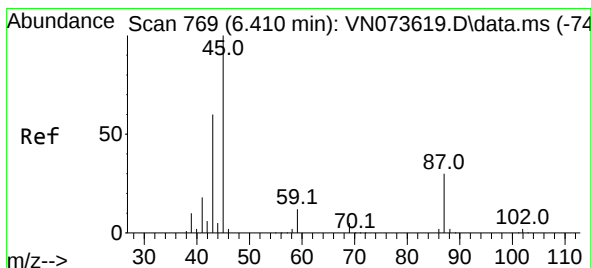
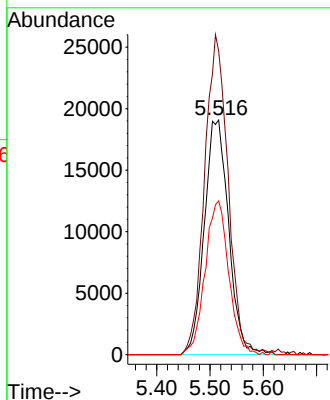
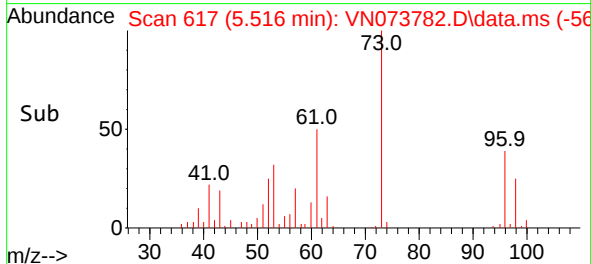
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 96 Resp: 60635
Ion Ratio Lower Upper
96 100
61 129.3 105.8 158.8
98 65.5 50.3 75.5

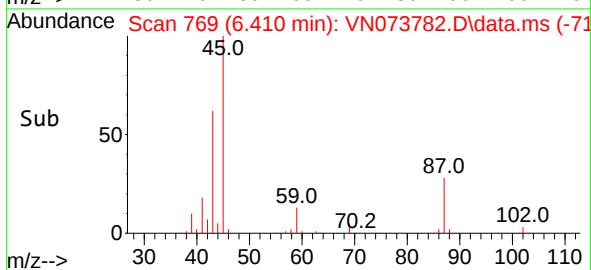
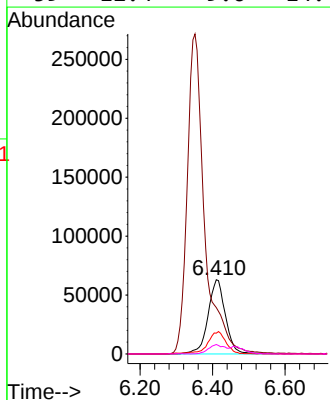
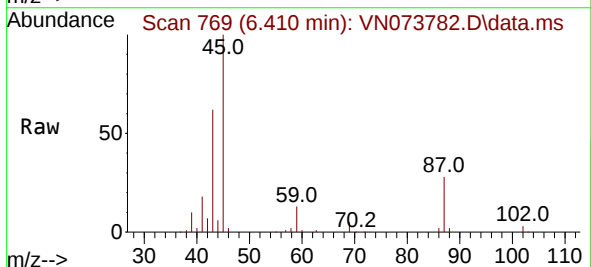
Manual Integrations
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Supervised By :Mahesh Dadoda 08/11/2022



#22
Diisopropyl ether
Concen: 19.759 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

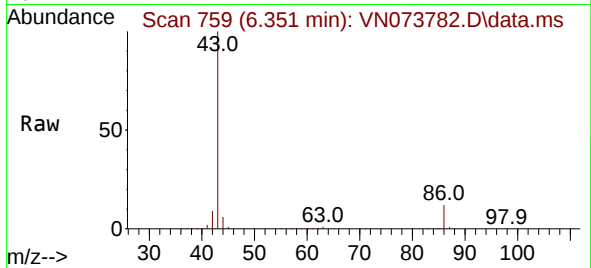
Tgt Ion: 45 Resp: 210227
Ion Ratio Lower Upper
45 100
43 61.2 46.6 70.0
87 28.1 24.3 36.5
59 12.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 101.046 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073782.D
 Acq: 09 Aug 2022 12:08

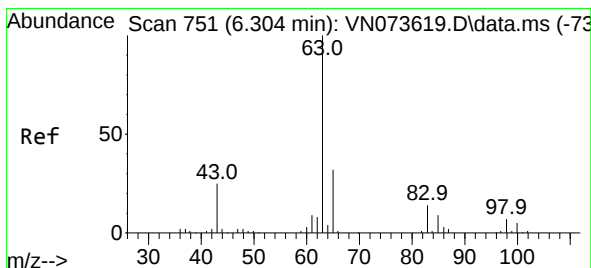
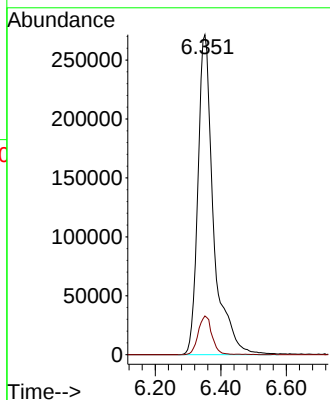
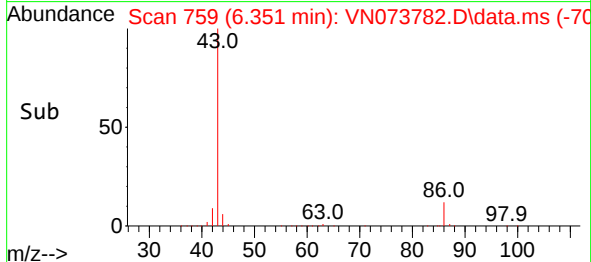
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01



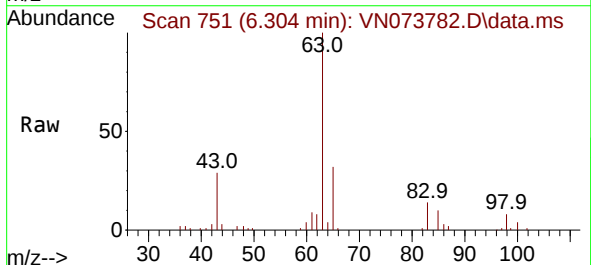
Tgt Ion: 43 Resp: 90134
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.0 15.0

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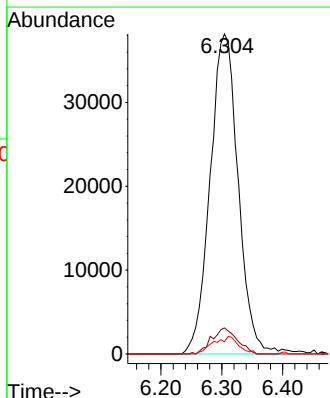
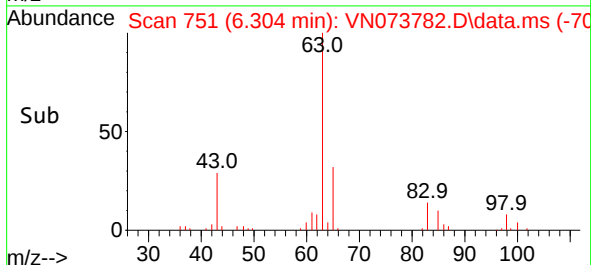
Reviewed By :John Carlone 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

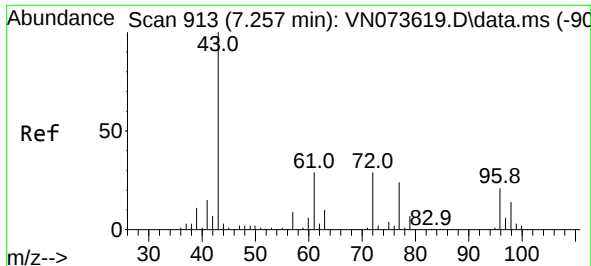


#24
 1,1-Dichloroethane
 Concen: 18.618 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073782.D
 Acq: 09 Aug 2022 12:08



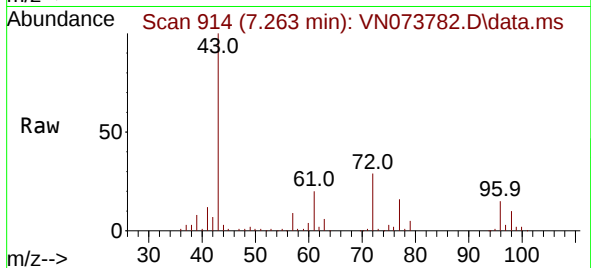
Tgt Ion: 63 Resp: 121862
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 3.8 2.3 6.8





#25
2-Butanone
Concen: 102.198 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

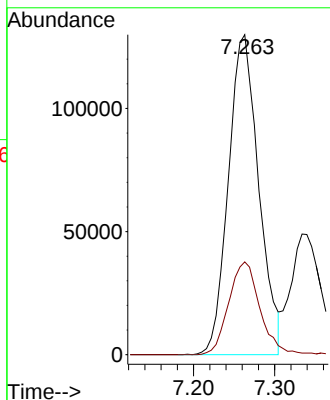
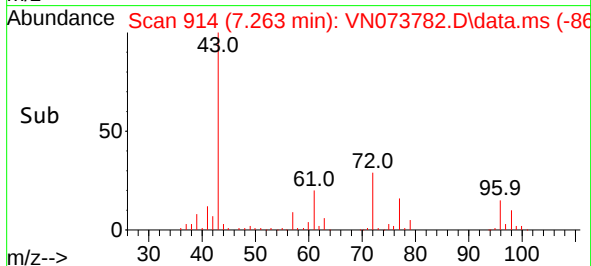
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 43 Resp: 337738
Ion Ratio Lower Upper
43 100
72 29.0 23.7 35.5

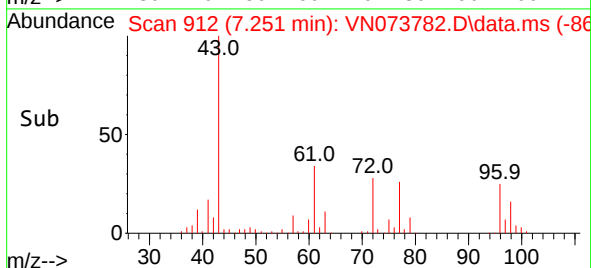
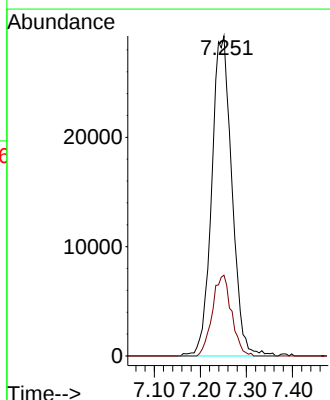
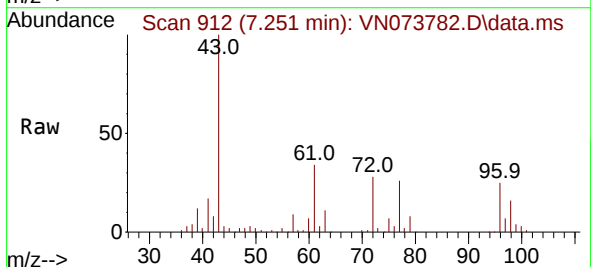
Manual Integrations
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Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
2,2-Dichloropropane
Concen: 17.649 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

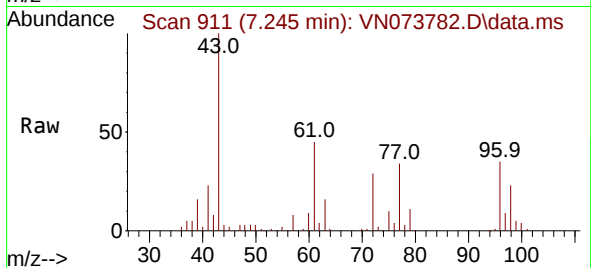
Tgt Ion: 77 Resp: 88875
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 18.956 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073782.D
 Acq: 09 Aug 2022 12:08

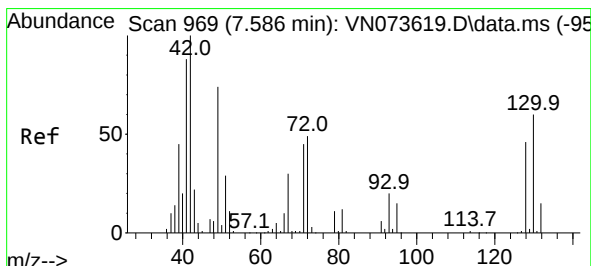
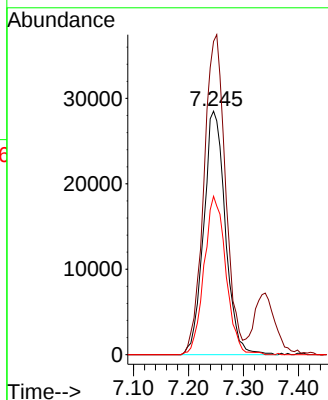
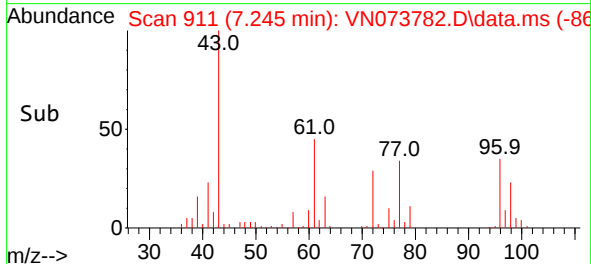
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01



Tgt Ion: 96 Resp: 7798
 Ion Ratio Lower Upper
 96 100
 61 131.0 0.0 280.6
 98 65.5 0.0 128.4

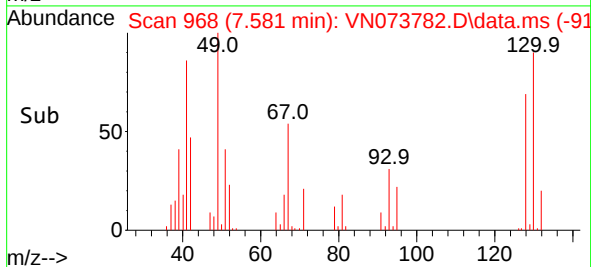
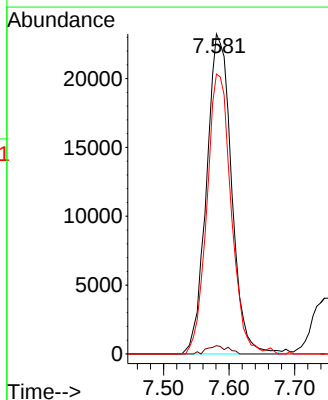
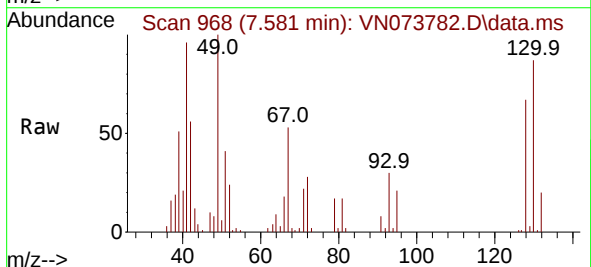
Manual Integrations
 APPROVED

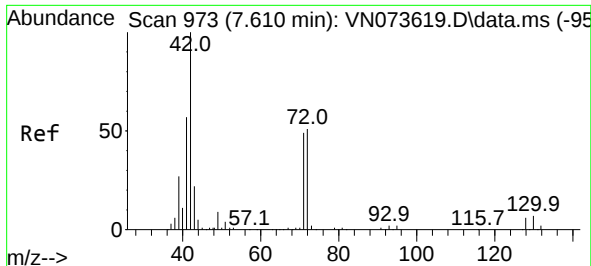
Reviewed By :John Carlone 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#28
 Bromochloromethane
 Concen: 22.345 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073782.D
 Acq: 09 Aug 2022 12:08

Tgt Ion: 49 Resp: 61411
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 84.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 107.211 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073782.D

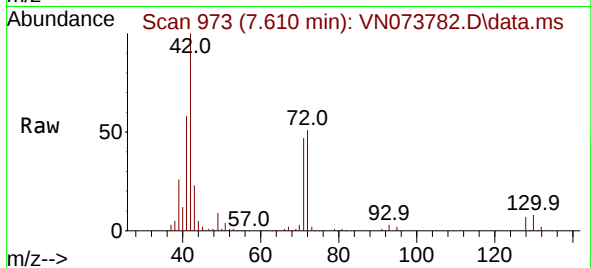
Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01



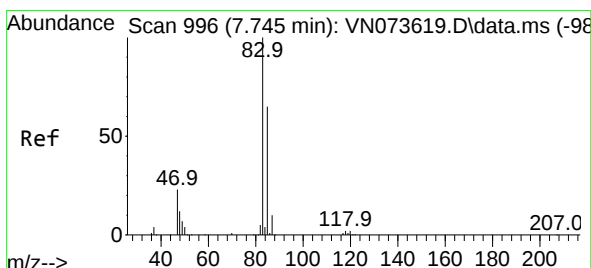
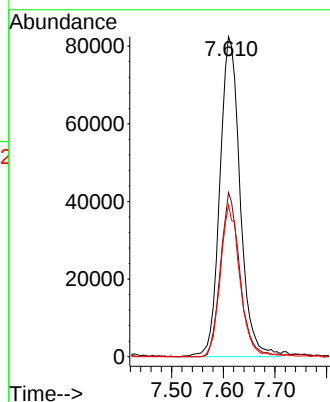
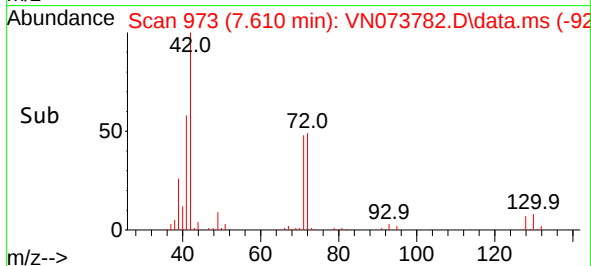
Tgt Ion:	42	Resp:	224009
Ion Ratio	100	Lower	Upper
42	100		
72	48.8	39.7	59.5
71	46.1	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Chloroform

Concen: 19.273 ug/l

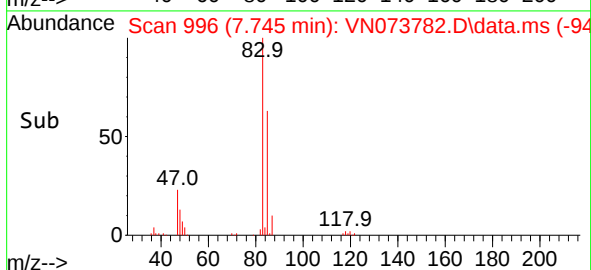
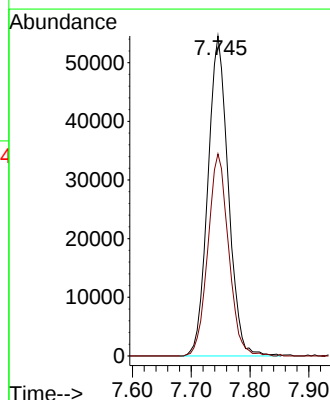
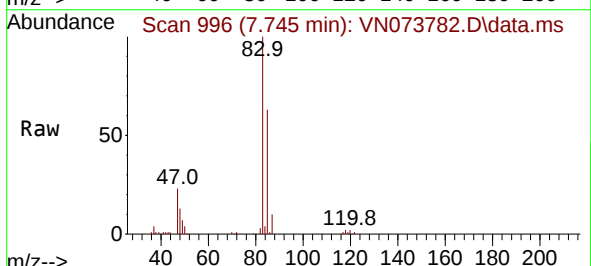
RT: 7.745 min Scan# 996

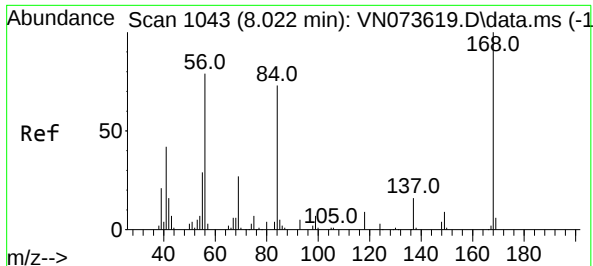
Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

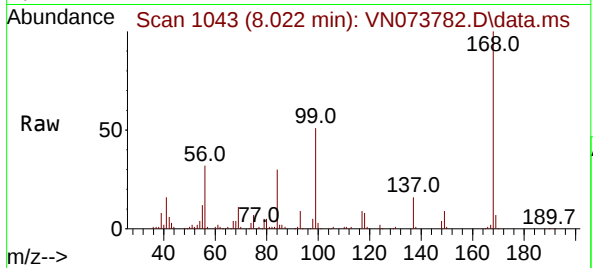
Tgt Ion:	83	Resp:	131436
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	51.8	77.8





#31
Cyclohexane
Concen: 17.346 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

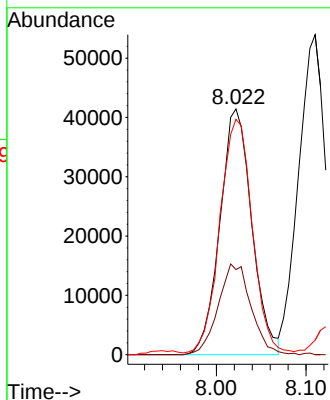
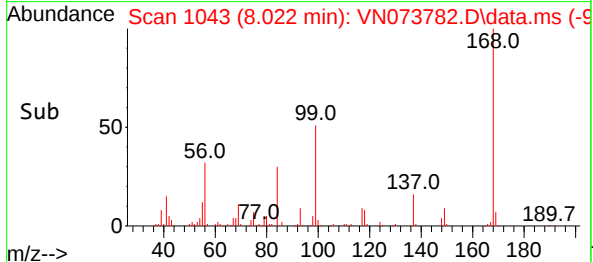
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 56 Resp: 102314
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.8
84 94.8 76.9 115.3

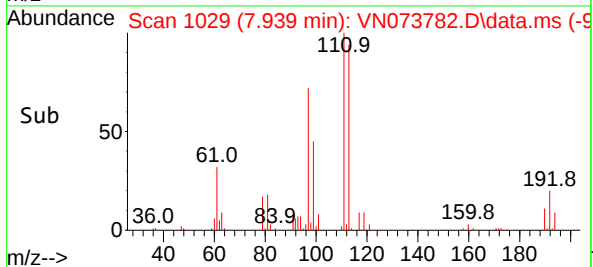
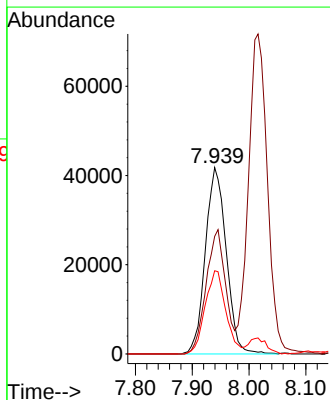
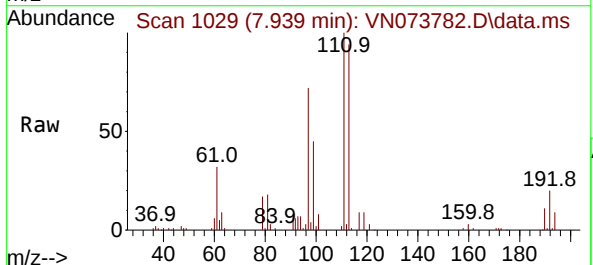
Manual Integrations
APPROVED

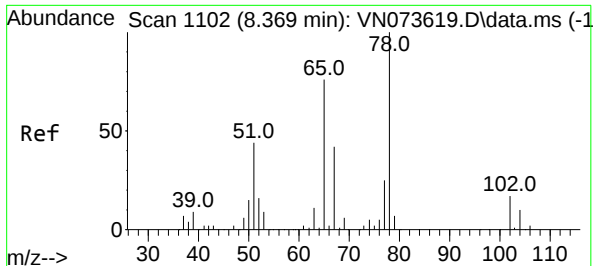
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#32
1,1,1-Trichloroethane
Concen: 18.840 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

Tgt Ion: 97 Resp: 106682
Ion Ratio Lower Upper
97 100
99 62.3 50.6 76.0
61 44.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.901 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

Tgt Ion: 65 Resp: 21355

Ion Ratio Lower Upper

65 100

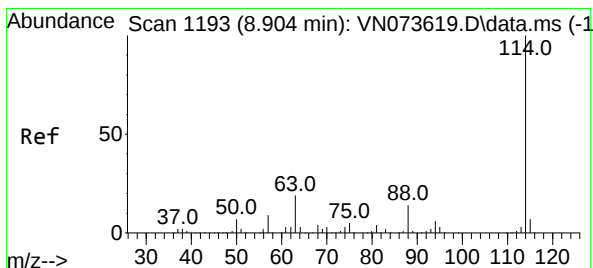
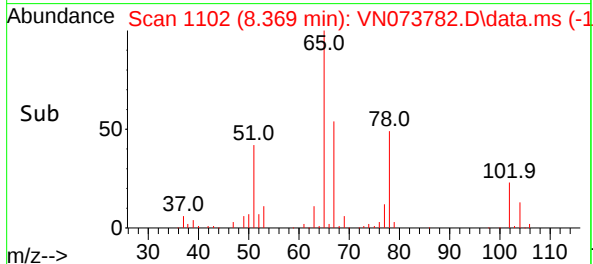
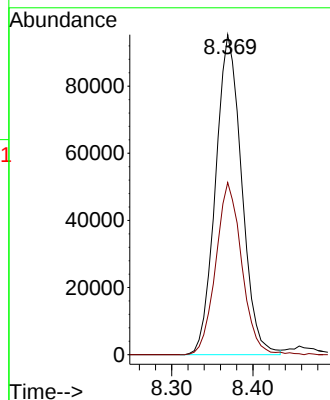
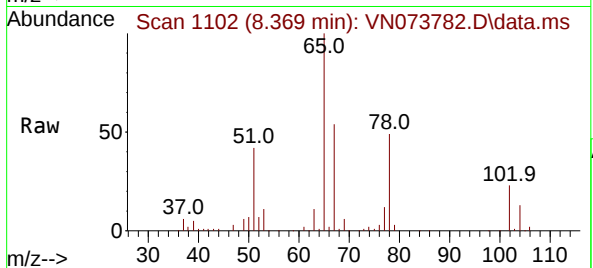
67 53.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

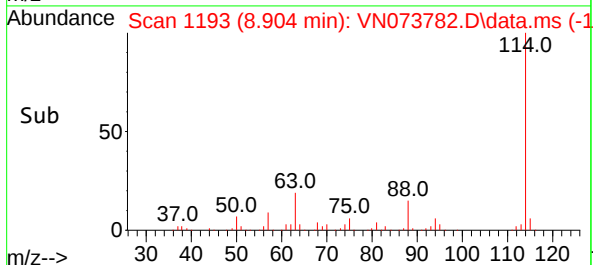
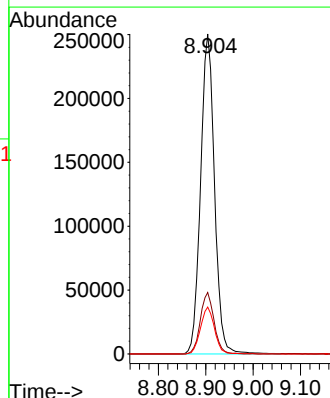
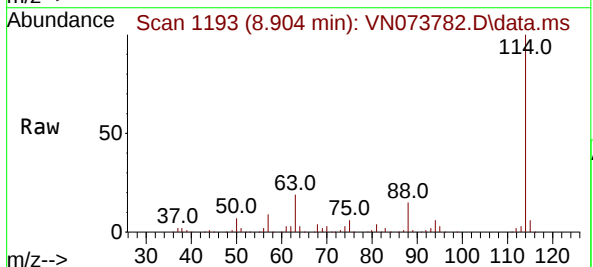
Tgt Ion:114 Resp: 511585

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.966 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

Tgt Ion:113 Resp: 17978

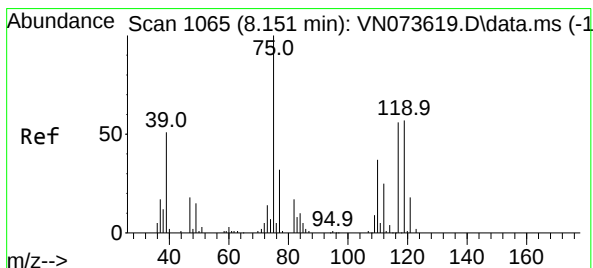
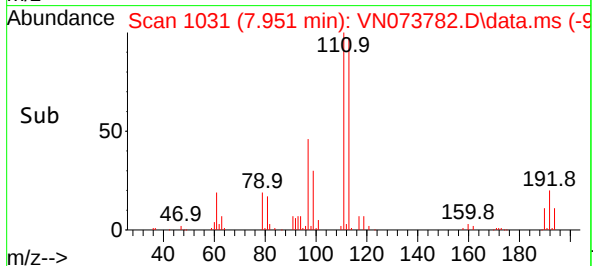
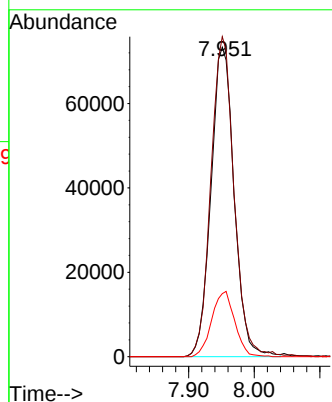
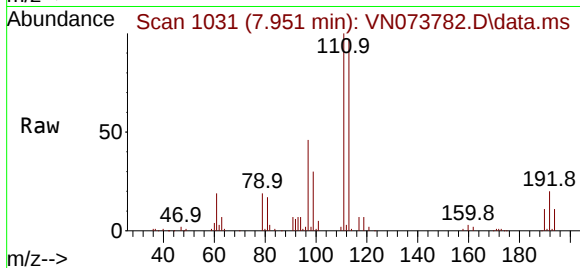
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	20.9	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#36

1,1-Dichloropropene

Concen: 18.924 ug/l

RT: 8.151 min Scan# 1065

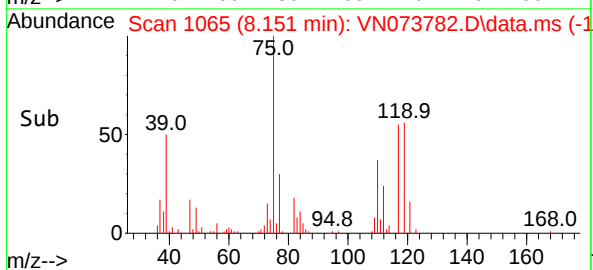
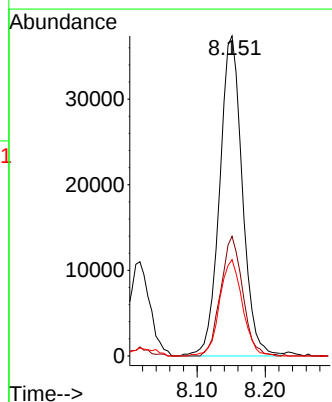
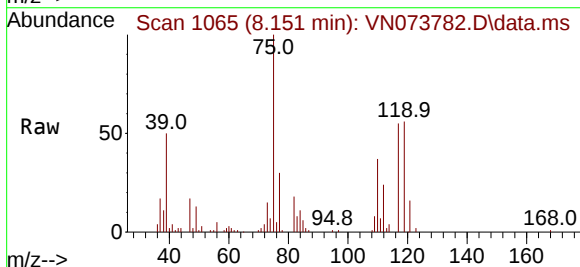
Delta R.T. 0.000 min

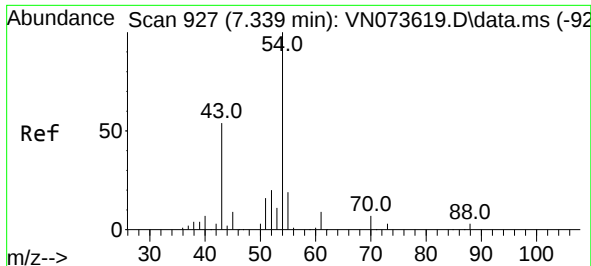
Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Tgt Ion: 75 Resp: 86642

Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.3	54.8
77	30.3	25.1	37.7





#37

Ethyl Acetate

Concen: 21.751 ug/l

RT: 7.334 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

Tgt Ion: 43 Resp: 13115

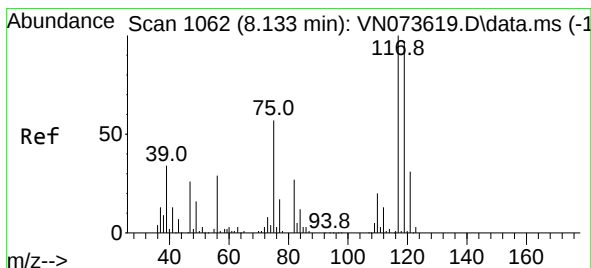
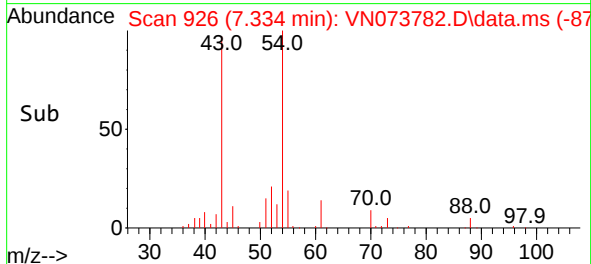
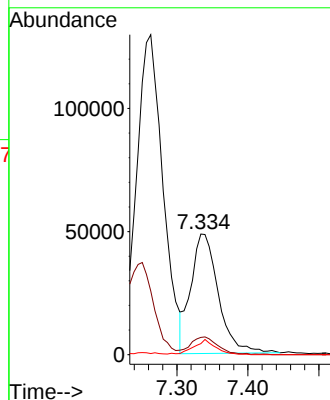
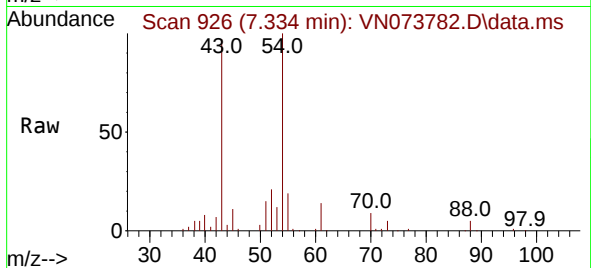
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.6
70	10.1	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#38

Carbon Tetrachloride

Concen: 18.951 ug/l

RT: 8.134 min Scan# 1062

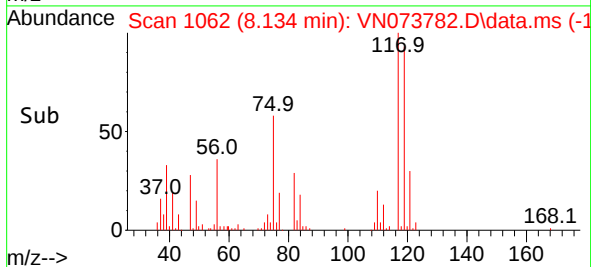
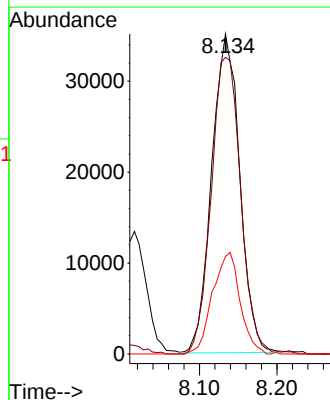
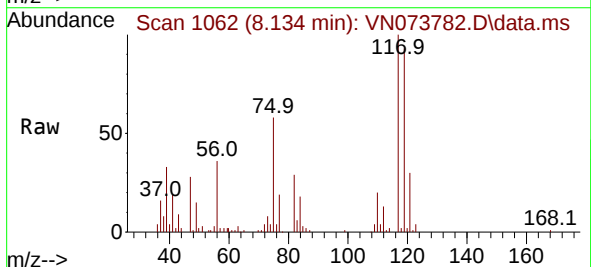
Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Tgt Ion:117 Resp: 88125

Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.8	113.8
121	30.6	24.6	37.0





#39

Methylcyclohexane

Concen: 18.698 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

Tgt Ion: 83 Resp: 102300

Ion Ratio Lower Upper

83 100

55 71.0 57.8 86.8

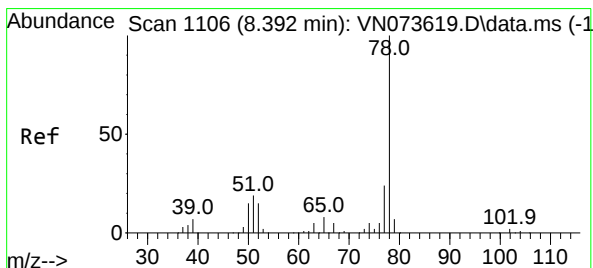
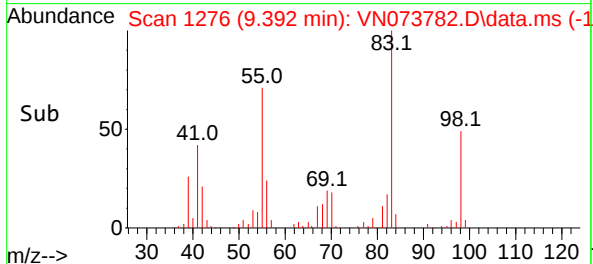
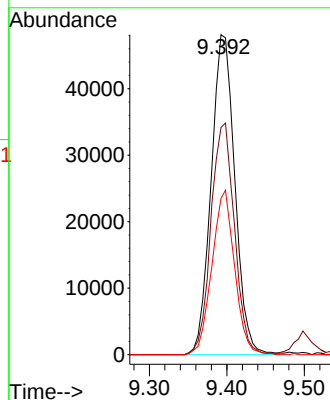
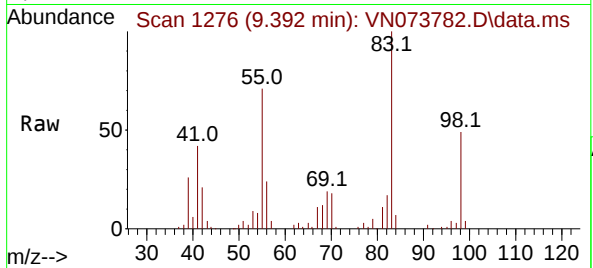
98 48.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Benzene

Concen: 19.579 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073782.D

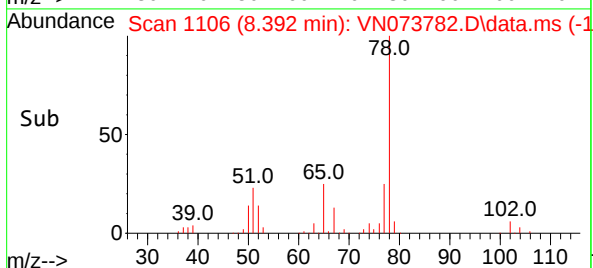
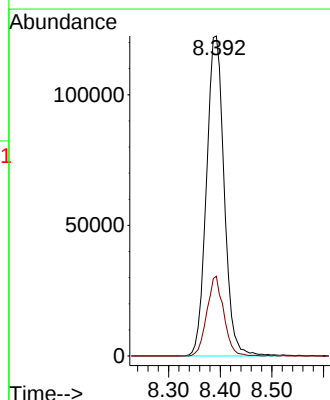
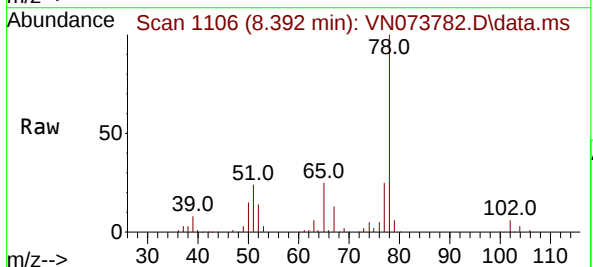
Acq: 09 Aug 2022 12:08

Tgt Ion: 78 Resp: 291089

Ion Ratio Lower Upper

78 100

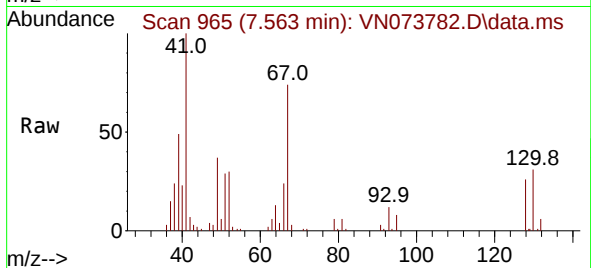
77 24.9 19.4 29.0





#41
Methacrylonitrile
Concen: 22.074 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

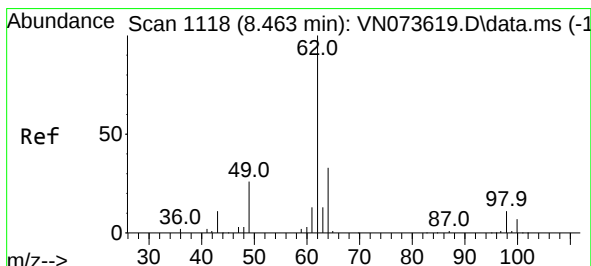
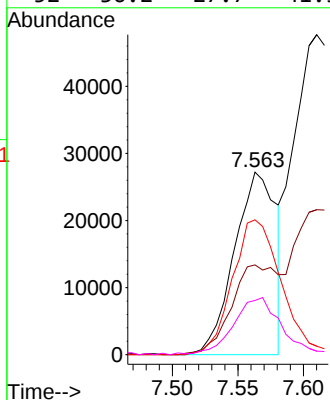
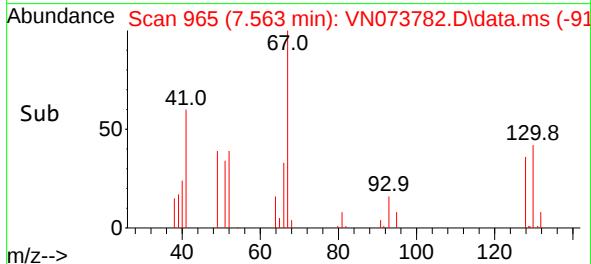
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 41 Resp: 60229
Ion Ratio Lower Upper
41 100
39 53.9 48.6 73.0
67 87.7 73.4 110.2
52 36.2 27.7 41.5

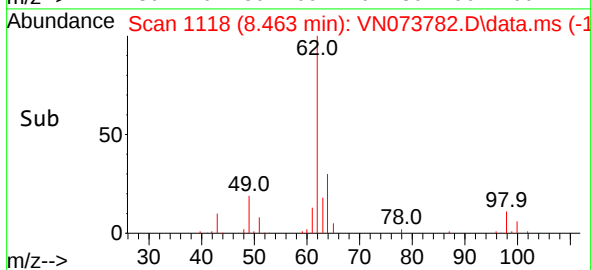
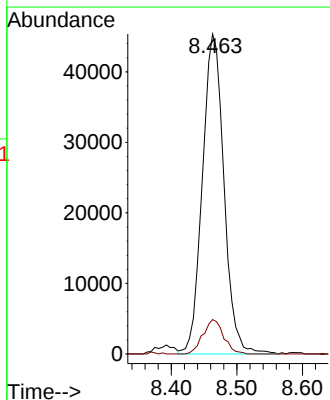
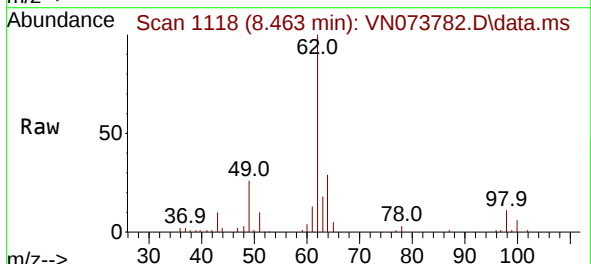
Manual Integrations
APPROVED

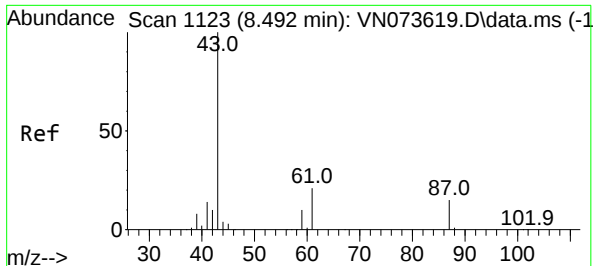
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#42
1,2-Dichloroethane
Concen: 20.760 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

Tgt Ion: 62 Resp: 104025
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 21.378 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

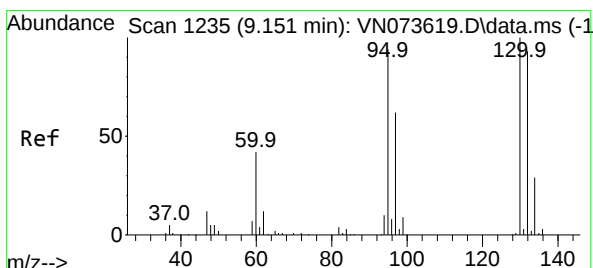
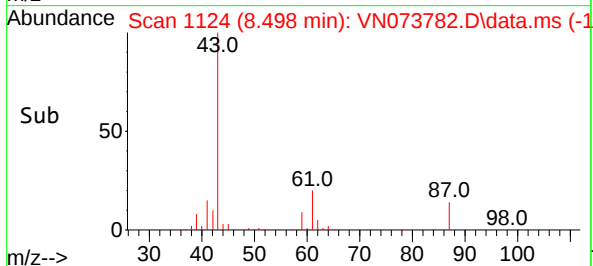
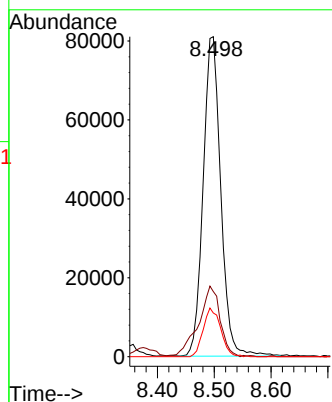
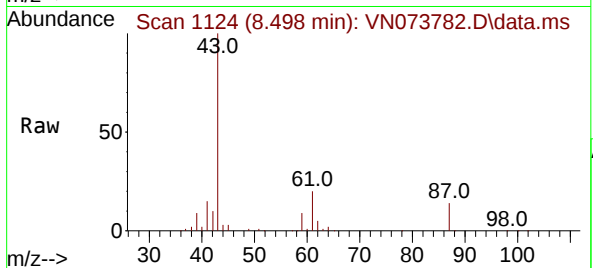
Tgt Ion: 43	Resp: 174110
Ion Ratio	Lower Upper
43 100	
61 27.1	21.9 32.9
87 15.2	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#44

Trichloroethene

Concen: 19.103 ug/l

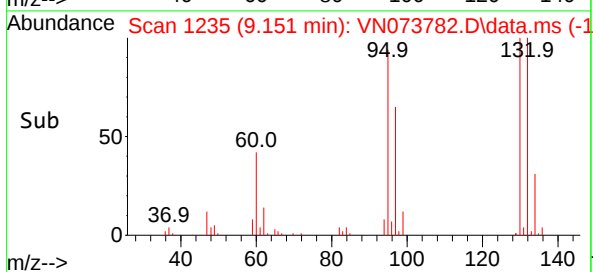
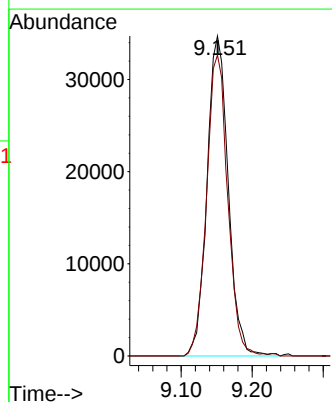
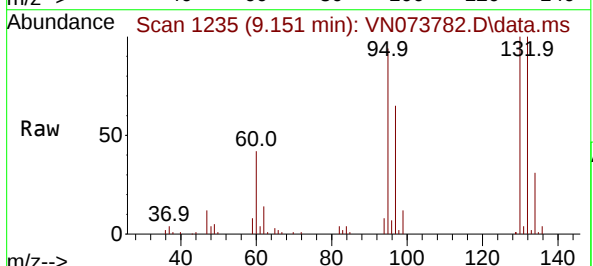
RT: 9.151 min Scan# 1235

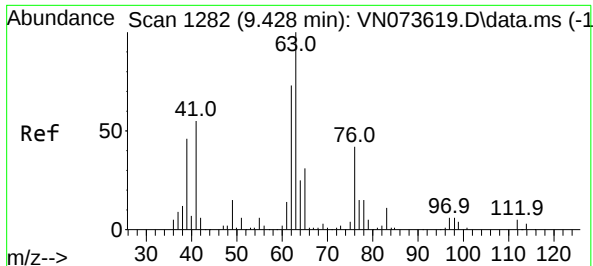
Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Tgt Ion:130	Resp: 72023
Ion Ratio	Lower Upper
130 100	
95 94.1	0.0 186.8





#45

1,2-Dichloropropane

Concen: 20.348 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

Tgt Ion: 63 Resp: 75618

Ion Ratio Lower Upper

63 100

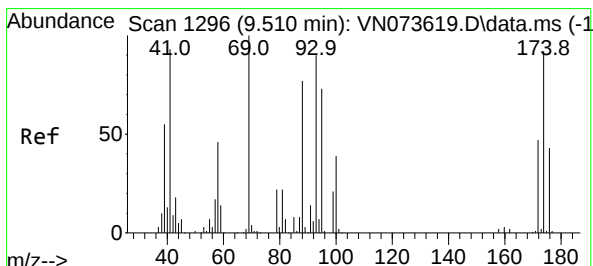
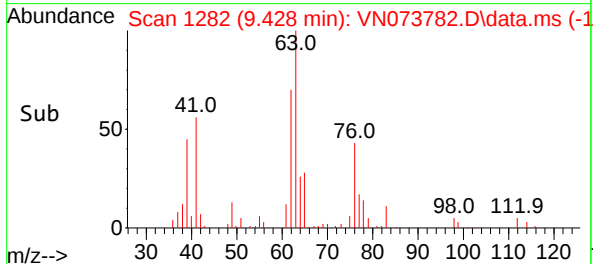
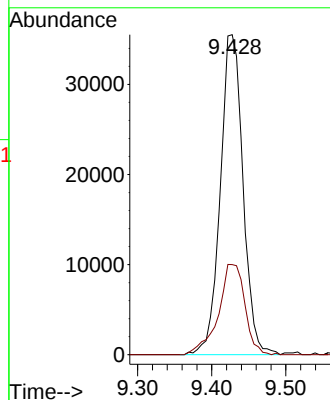
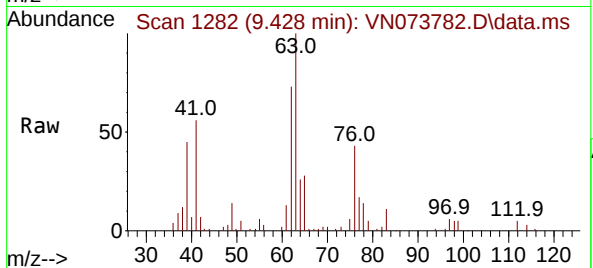
65 28.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#46

Dibromomethane

Concen: 20.656 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

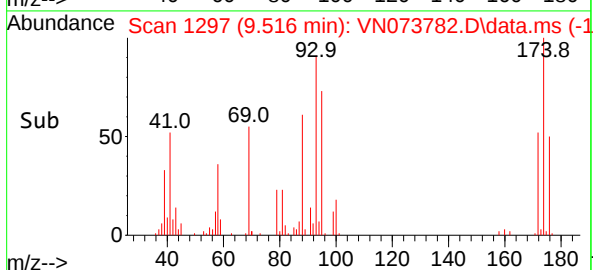
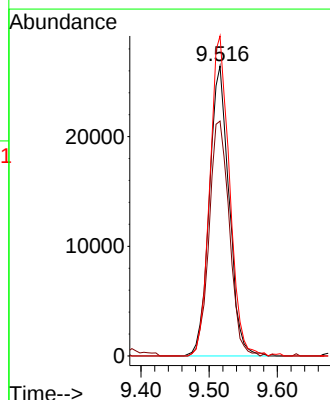
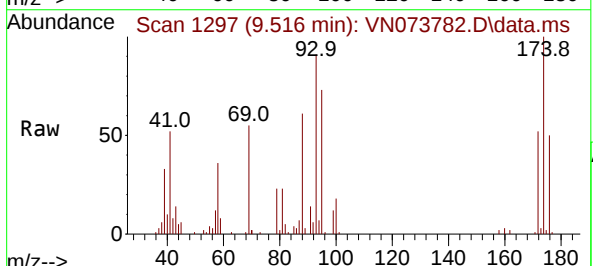
Tgt Ion: 93 Resp: 53277

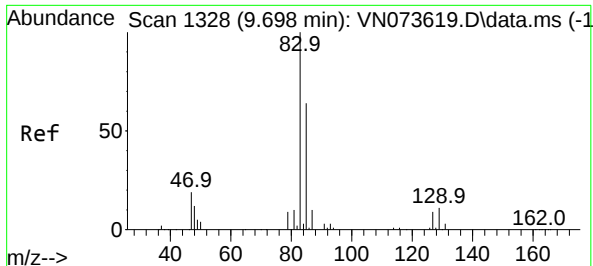
Ion Ratio Lower Upper

93 100

95 82.9 66.9 100.3

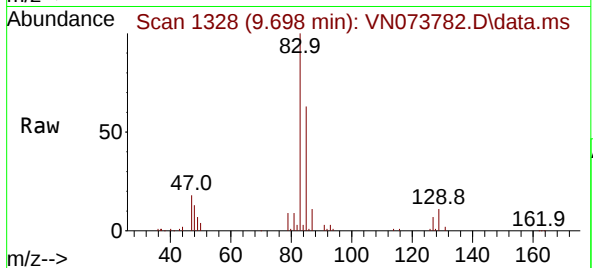
174 110.0 86.6 130.0





#47
Bromodichloromethane
Concen: 21.213 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

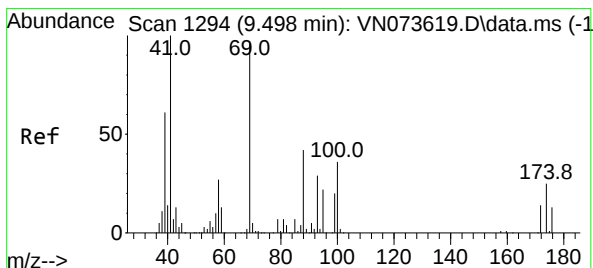
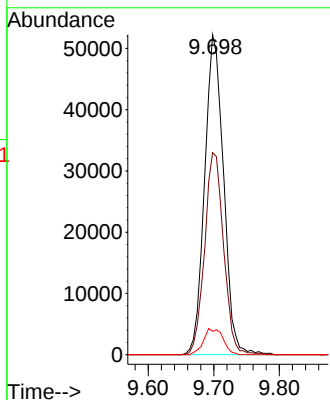
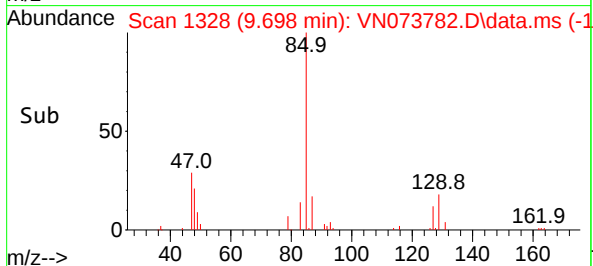
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



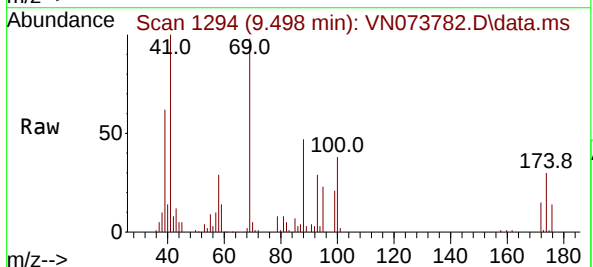
Tgt Ion: 83 Resp: 10501
Ion Ratio Lower Upper
83 100
85 63.2 50.5 75.7
127 7.3 6.8 10.2

Manual Integrations
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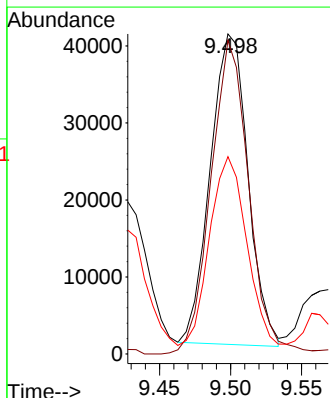
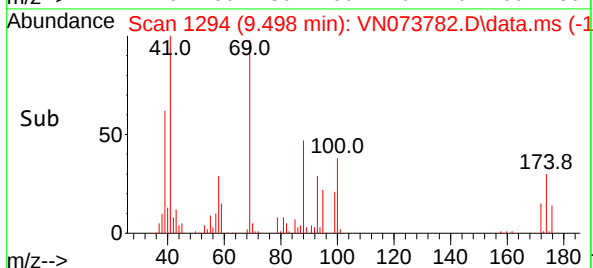
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

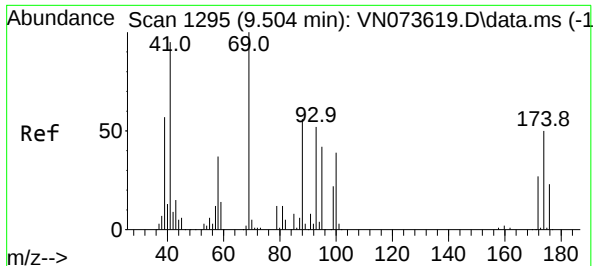


#48
Methyl methacrylate
Concen: 20.892 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



Tgt Ion: 41 Resp: 74479
Ion Ratio Lower Upper
41 100
69 102.5 74.7 112.1
39 65.8 45.6 68.4





#49

1,4-Dioxane

Concen: 485.483 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

Tgt Ion: 88 Resp: 4878

Ion Ratio Lower Upper

88 100

43 25.9 20.2 30.4

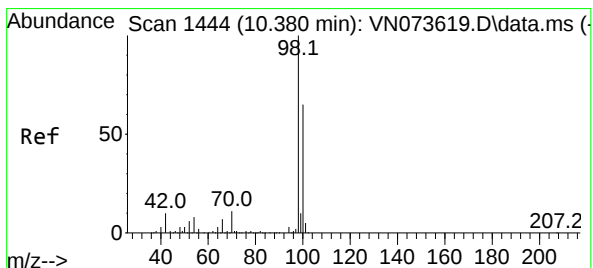
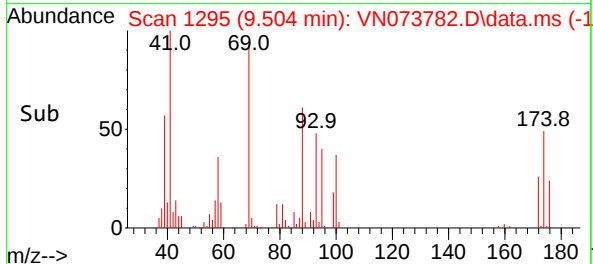
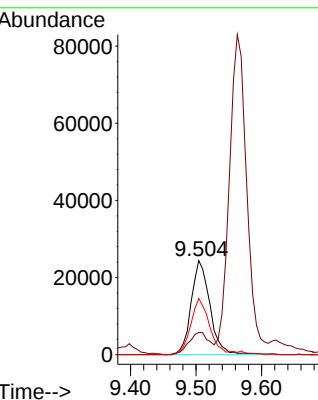
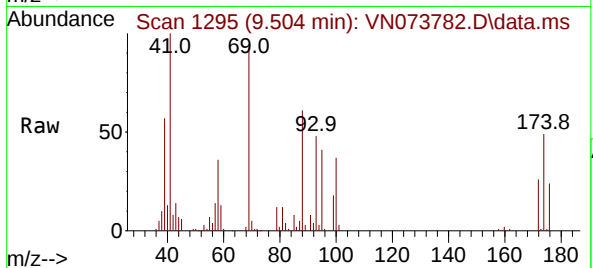
58 59.0 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#50

Toluene-d8

Concen: 52.800 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073782.D

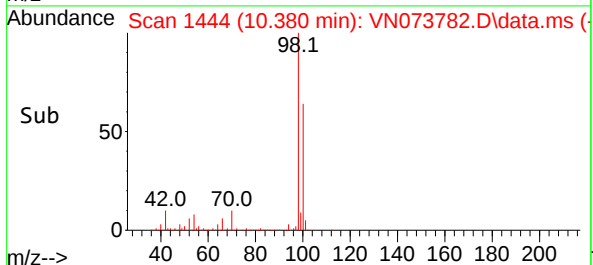
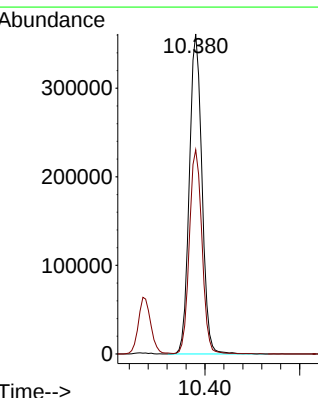
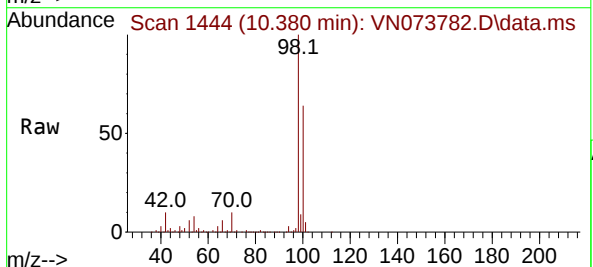
Acq: 09 Aug 2022 12:08

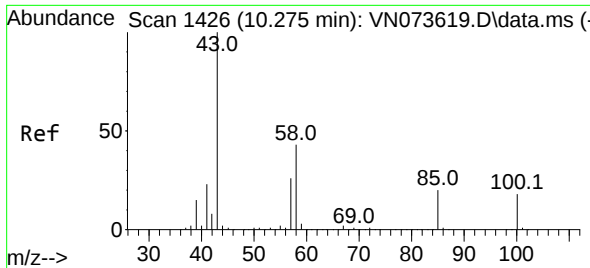
Tgt Ion: 98 Resp: 667461

Ion Ratio Lower Upper

98 100

100 63.7 52.6 78.8





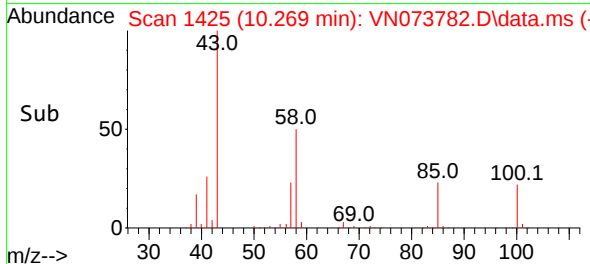
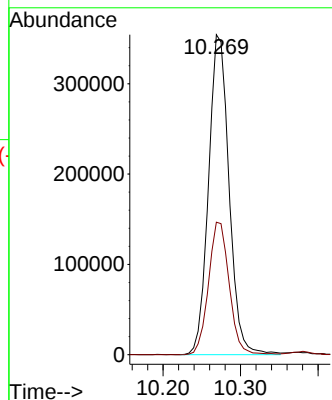
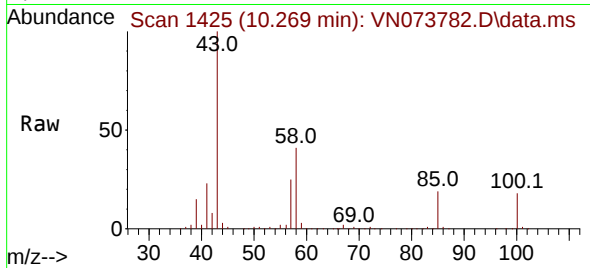
#51
4-Methyl-2-Pentanone
Concen: 112.043 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

Tgt Ion: 43 Resp: 65448
Ion Ratio Lower Upper
43 100
58 41.7 34.1 51.1

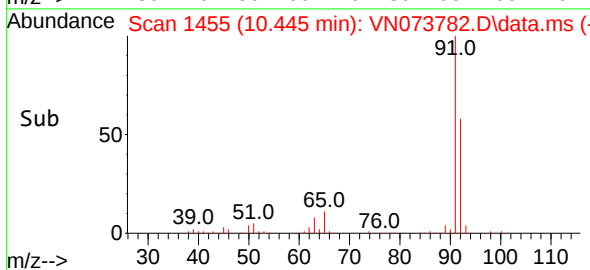
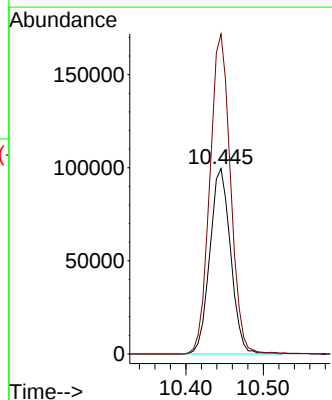
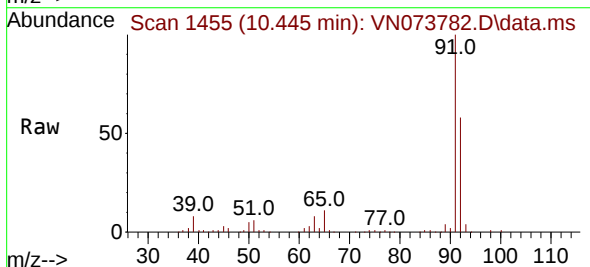
Manual Integrations
APPROVED

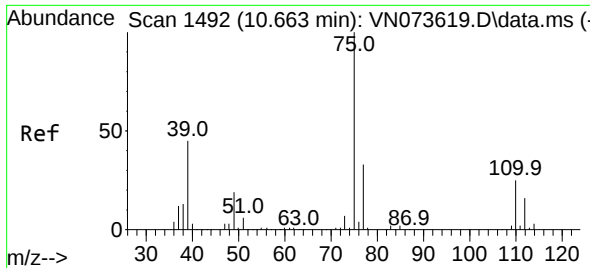
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#52
Toluene
Concen: 20.336 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

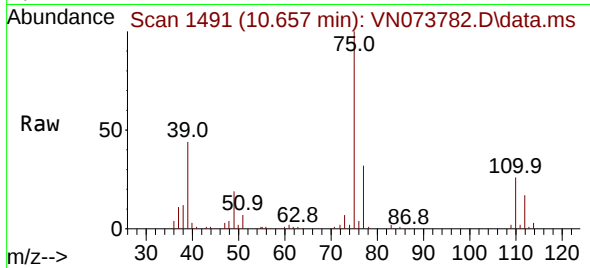
Tgt Ion: 92 Resp: 184675
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 20.479 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN073782.D
 Acq: 09 Aug 2022 12:08

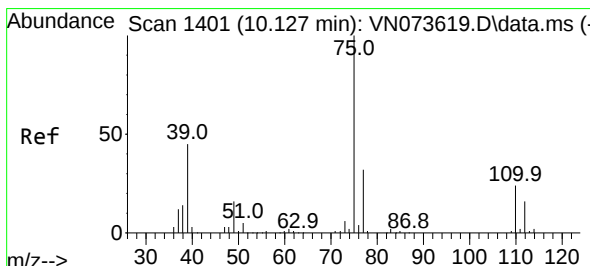
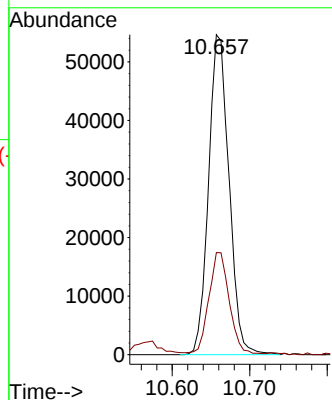
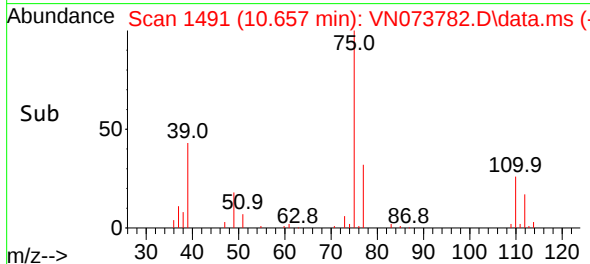
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01



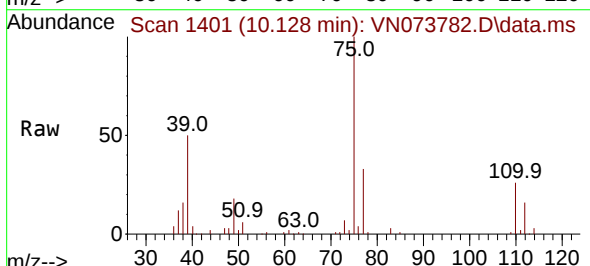
Tgt Ion: 75 Resp: 10015
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4

Manual Integrations
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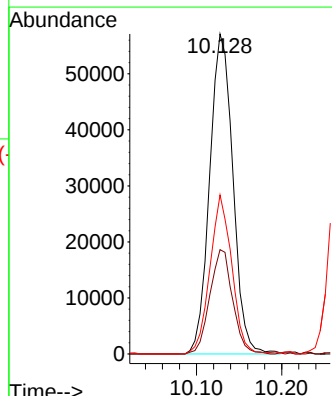
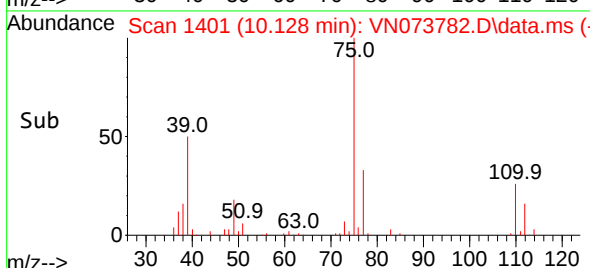
Reviewed By :John Carlone 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

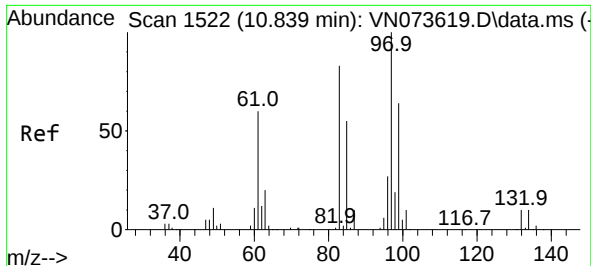


#54
 cis-1,3-Dichloropropene
 Concen: 19.678 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073782.D
 Acq: 09 Aug 2022 12:08



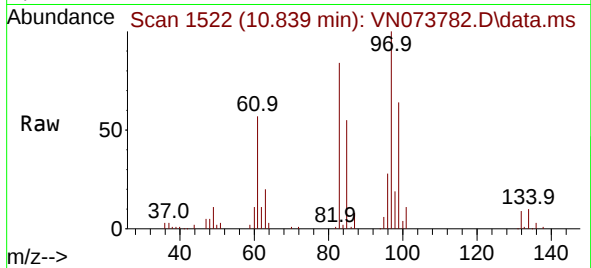
Tgt Ion: 75 Resp: 108441
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.2 37.8
 39 49.7 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 21.637 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

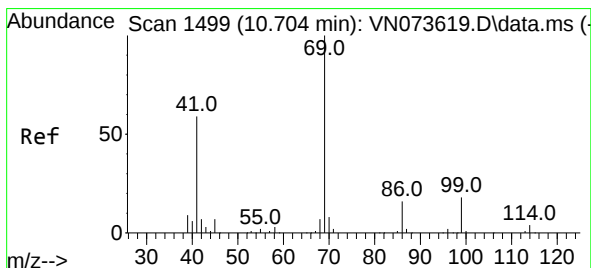
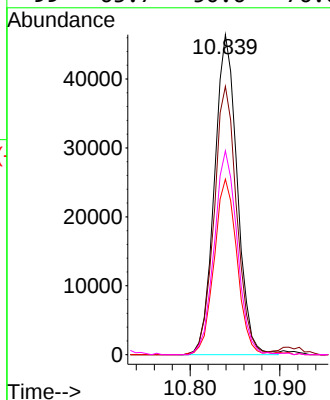
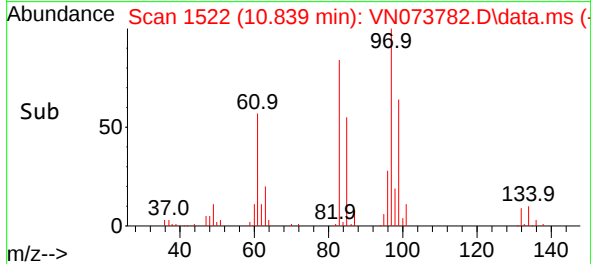
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



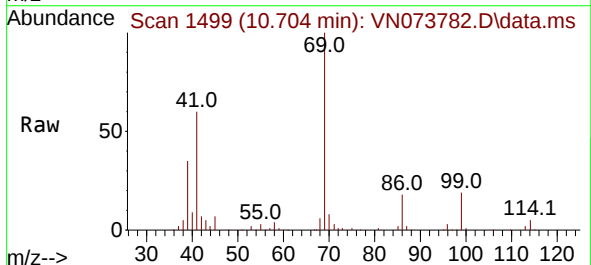
Tgt Ion:	97	Resp:	81939
Ion Ratio	Lower	Upper	
97	100		
83	83.9	66.2	99.4
85	54.8	43.9	65.9
99	63.7	50.6	76.0

Manual Integrations
APPROVED

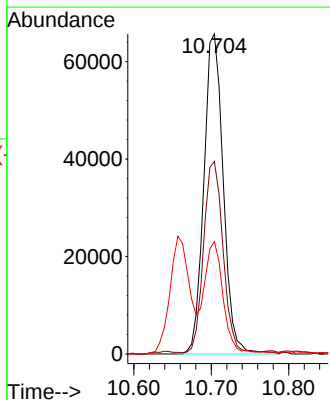
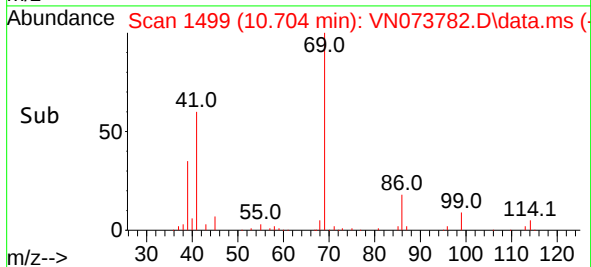
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#56
Ethyl methacrylate
Concen: 21.948 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



Tgt Ion:	69	Resp:	114557
Ion Ratio	Lower	Upper	
69	100		
41	59.5	47.8	71.6
39	33.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 20.917 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

Tgt Ion: 76 Resp: 13439

Ion Ratio Lower Upper

76 100

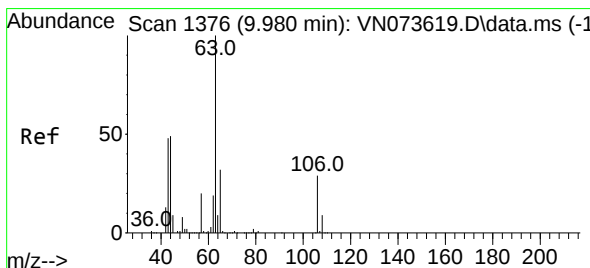
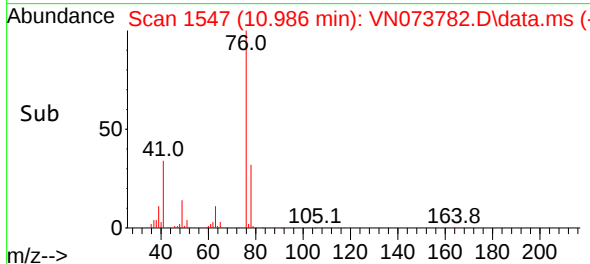
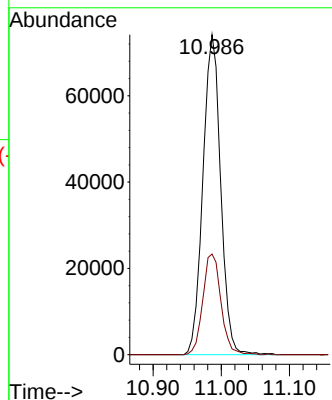
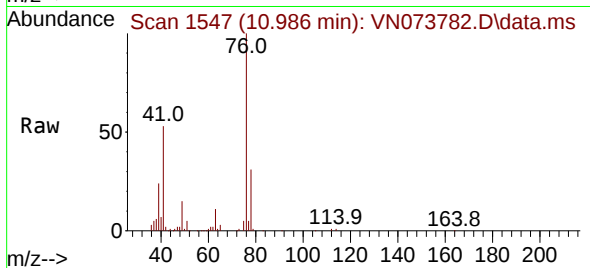
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.957 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.001 min

Lab File: VN073782.D

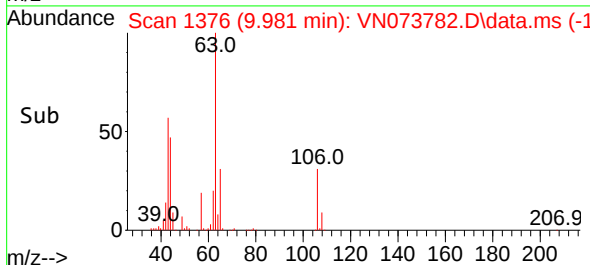
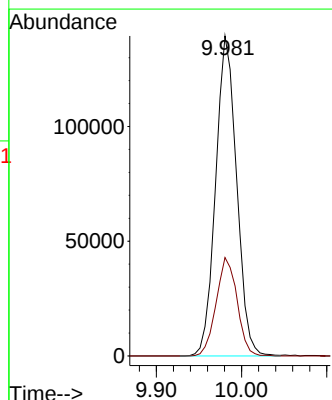
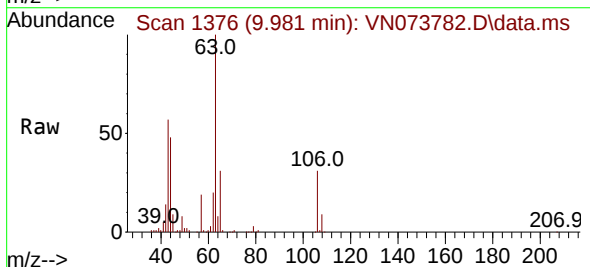
Acq: 09 Aug 2022 12:08

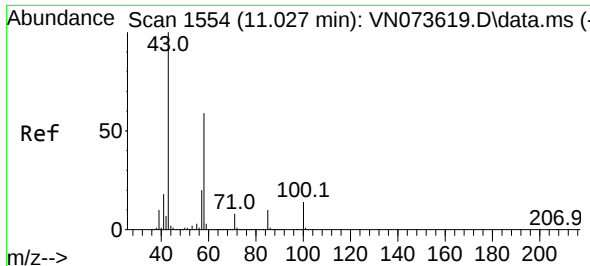
Tgt Ion: 63 Resp: 238783

Ion Ratio Lower Upper

63 100

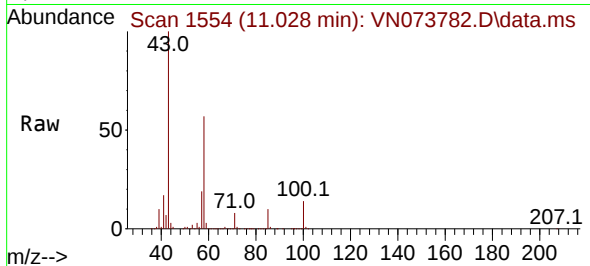
106 30.7 24.6 36.8





#59
2-Hexanone
Concen: 113.096 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

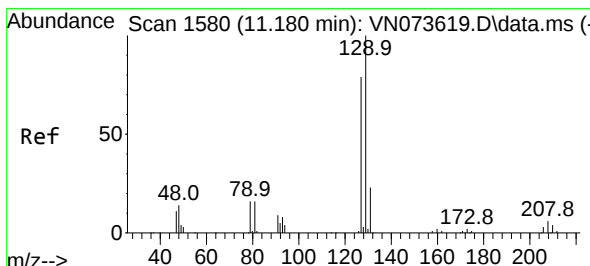
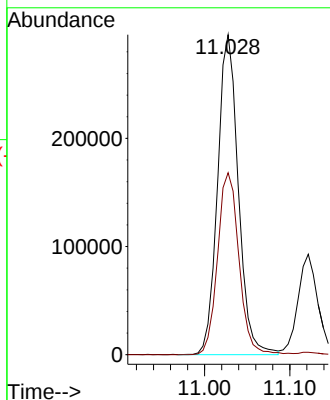
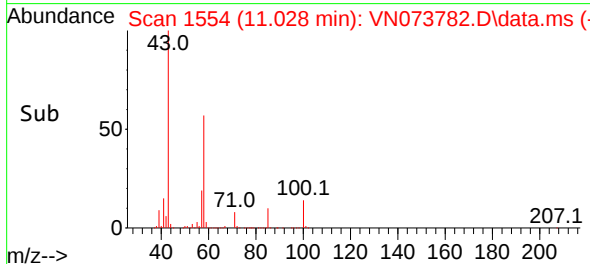
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 43 Resp: 50052
Ion Ratio Lower Upper
43 100
58 58.7 29.7 89.1

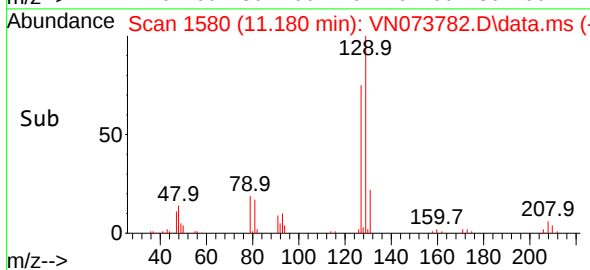
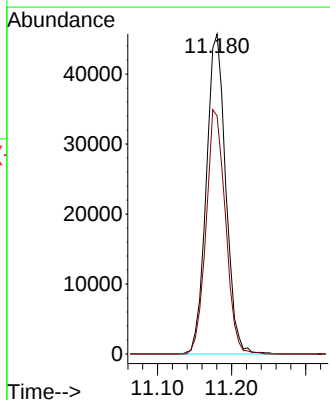
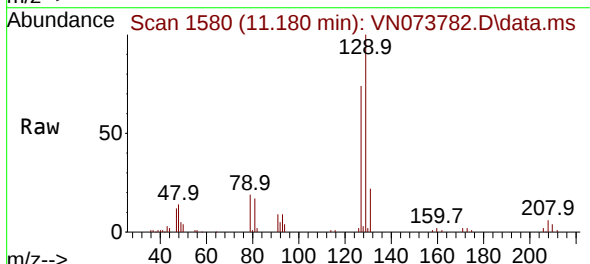
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#60
Dibromochloromethane
Concen: 22.055 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

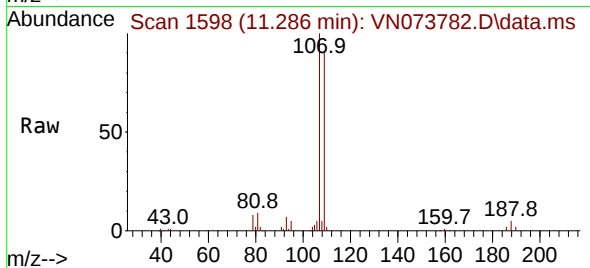
Tgt Ion:129 Resp: 83091
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.987 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

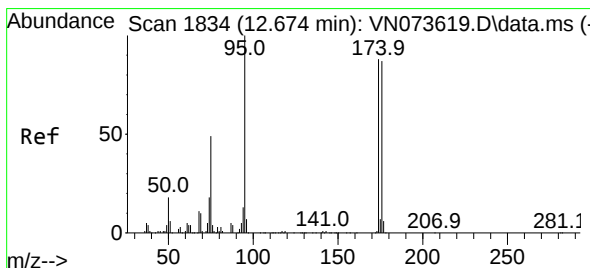
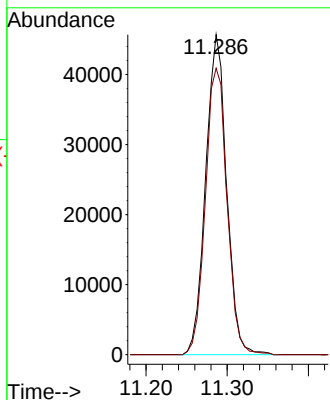
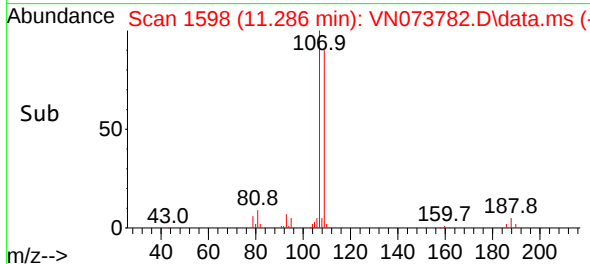
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



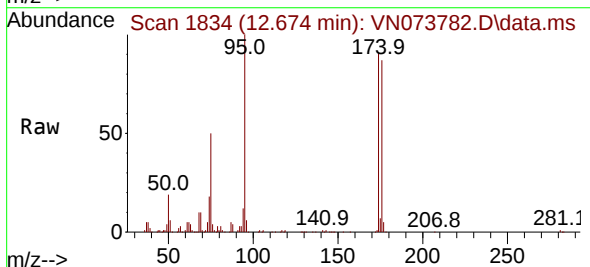
Tgt Ion:107 Resp: 81854
Ion Ratio Lower Upper
107 100
109 92.4 75.0 112.6

Manual Integrations
APPROVED

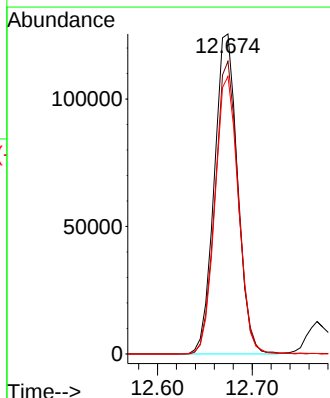
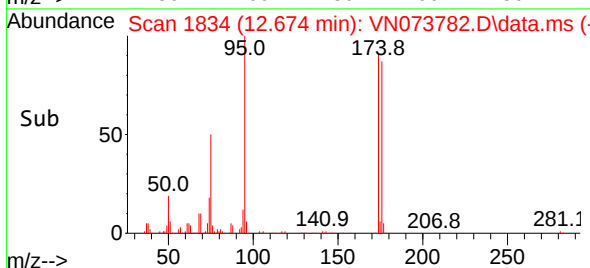
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

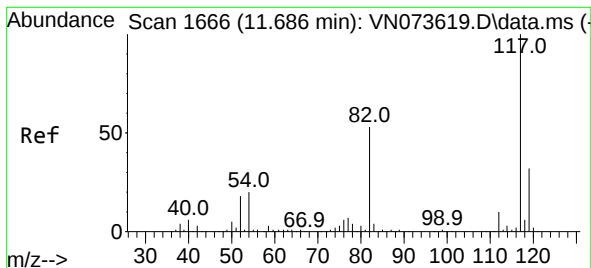


#62
4-Bromofluorobenzene
Concen: 50.647 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



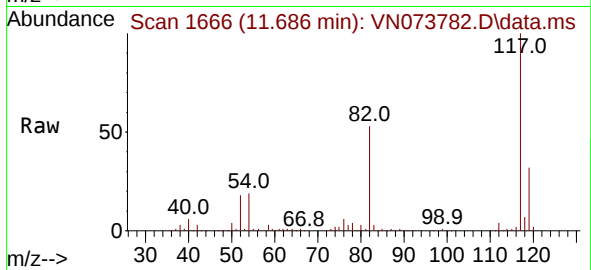
Tgt Ion: 95 Resp: 214442
Ion Ratio Lower Upper
95 100
174 91.4 0.0 167.6
176 87.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

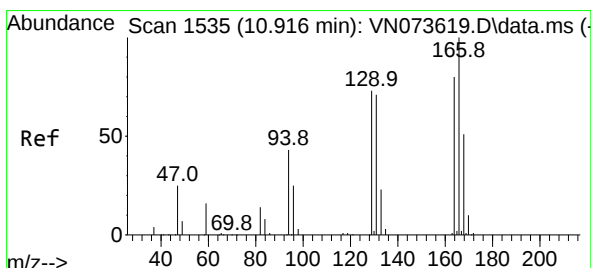
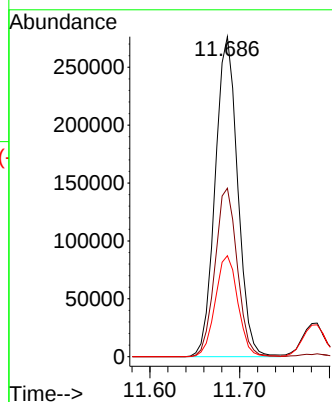
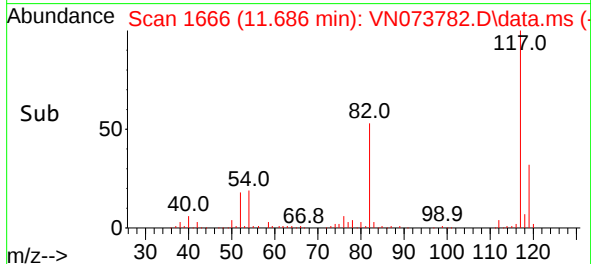
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion:117 Resp: 480782
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.6 25.4 38.0

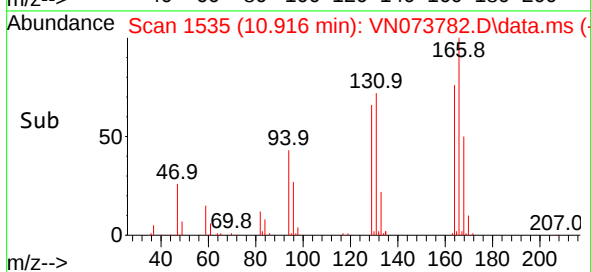
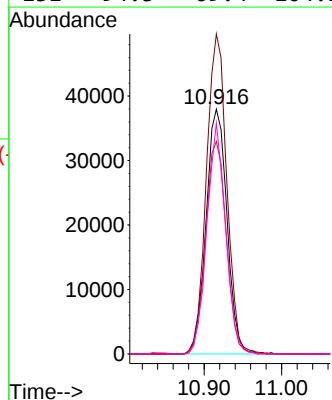
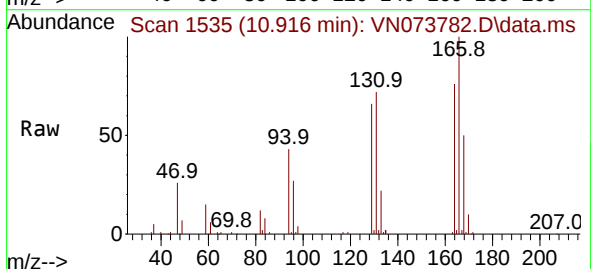
Manual Integrations
APPROVED

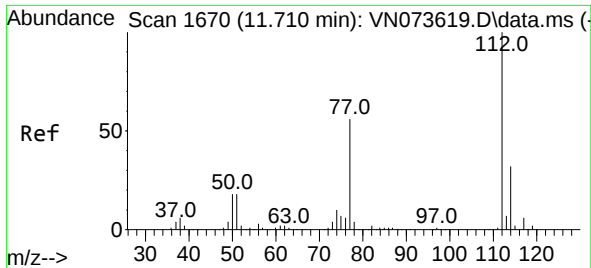
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#64
Tetrachloroethene
Concen: 18.619 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

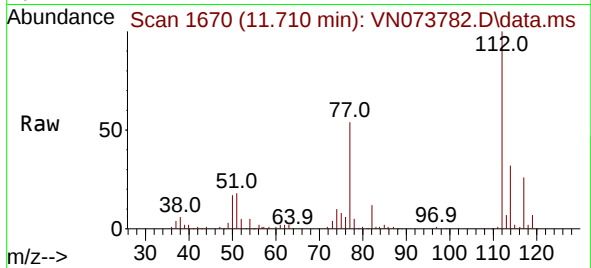
Tgt Ion:164 Resp: 71143
Ion Ratio Lower Upper
164 100
166 130.7 104.2 156.2
129 86.9 73.9 110.9
131 94.3 69.4 104.2





#65
Chlorobenzene
Concen: 19.330 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

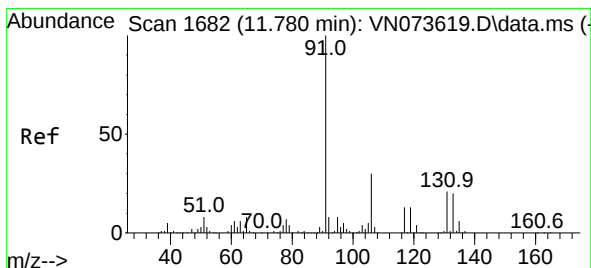
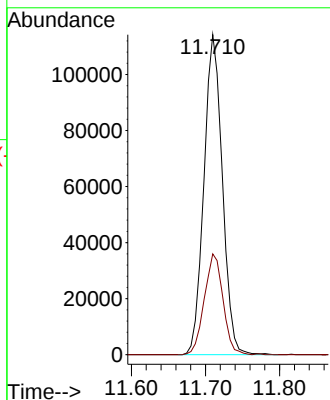
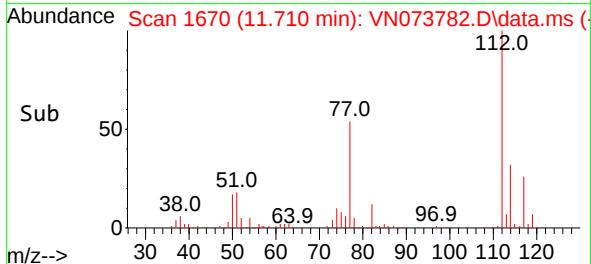
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



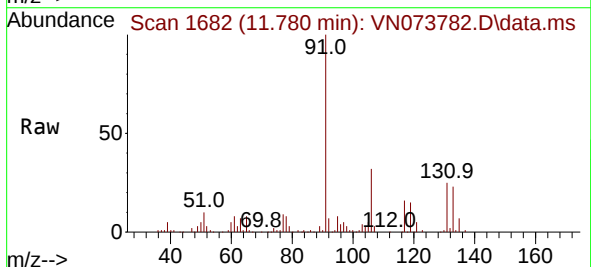
Tgt Ion:112 Resp: 197397
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

Manual Integrations
APPROVED

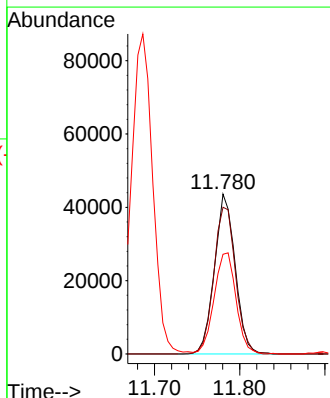
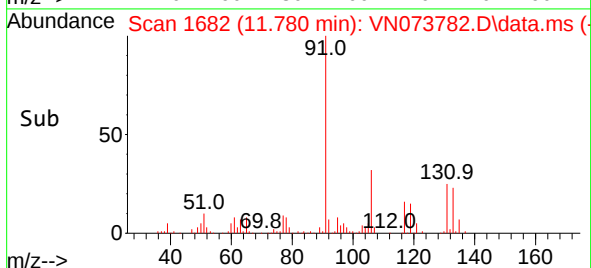
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

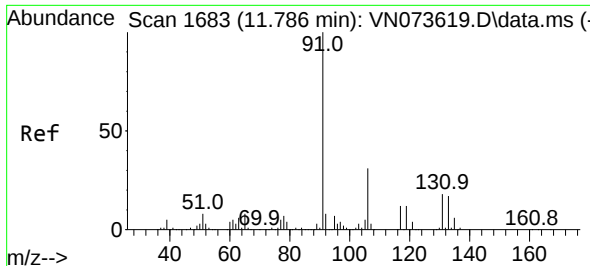


#66
1,1,1,2-Tetrachloroethane
Concen: 20.148 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



Tgt Ion:131 Resp: 73801
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.4
119 66.9 33.4 100.2





#67

Ethyl Benzene

Concen: 19.009 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

Tgt Ion: 91 Resp: 327502

Ion Ratio Lower Upper

91 100

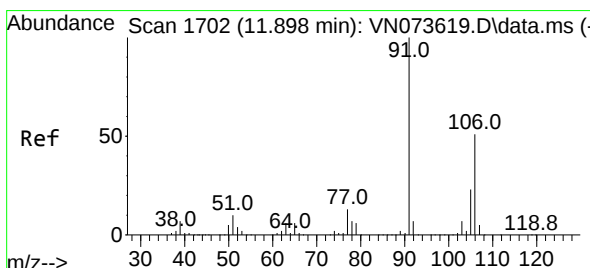
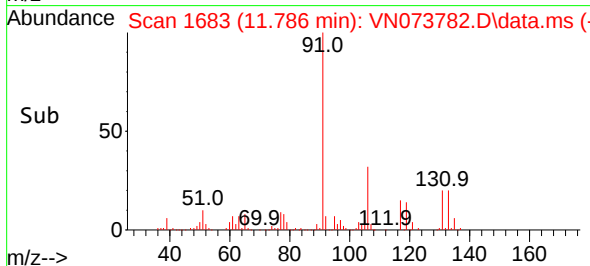
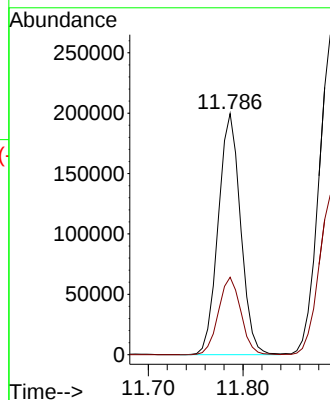
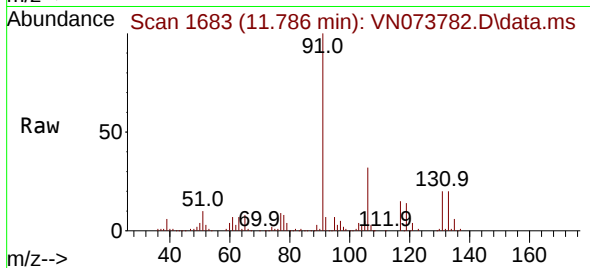
106 32.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#68

m/p-Xylenes

Concen: 39.200 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN073782.D

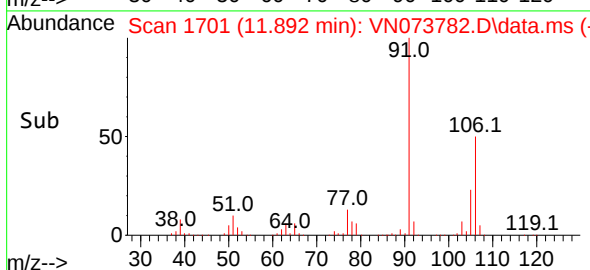
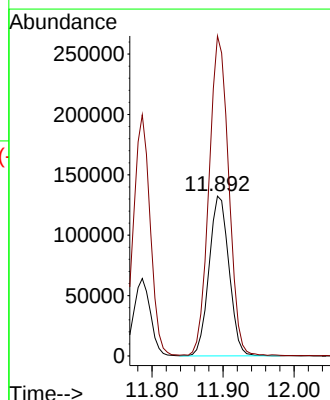
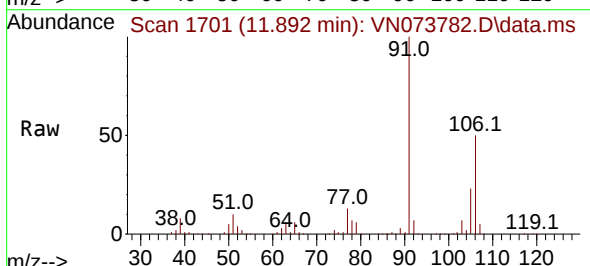
Acq: 09 Aug 2022 12:08

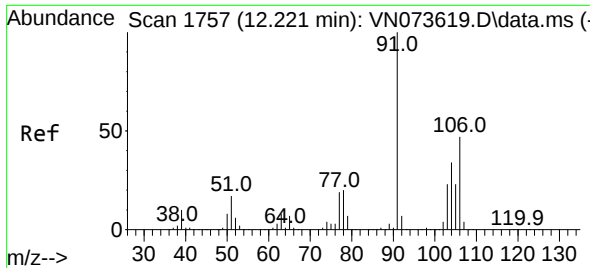
Tgt Ion:106 Resp: 257583

Ion Ratio Lower Upper

106 100

91 197.1 158.9 238.3





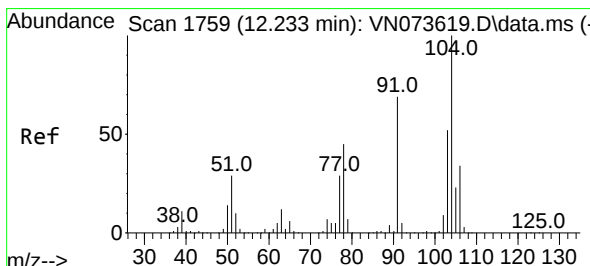
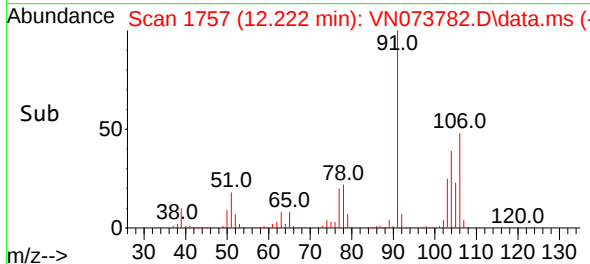
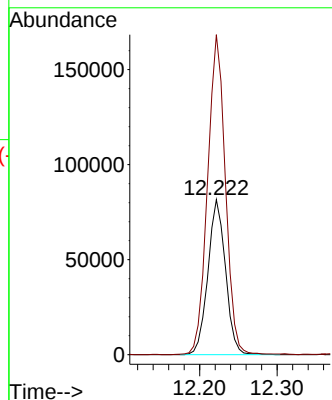
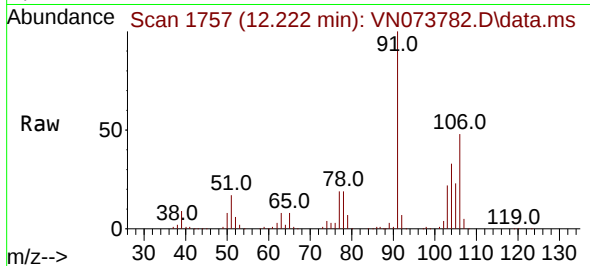
#69
o-Xylene
Concen: 20.068 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

Tgt Ion:106 Resp: 128562
Ion Ratio Lower Upper
106 100
91 209.1 106.0 318.0

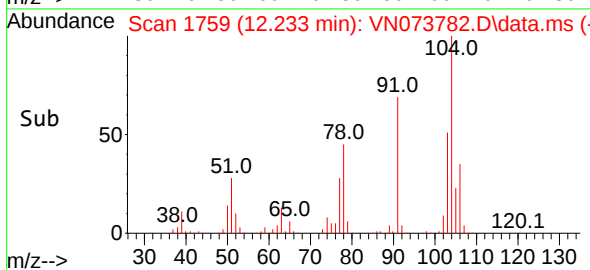
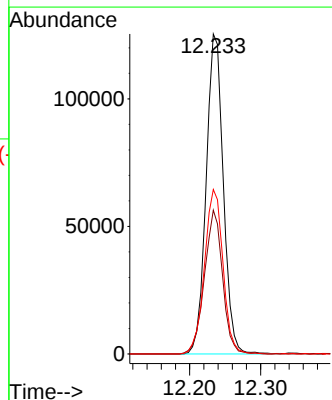
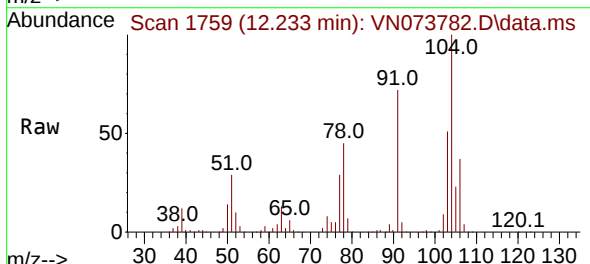
Manual Integrations
APPROVED

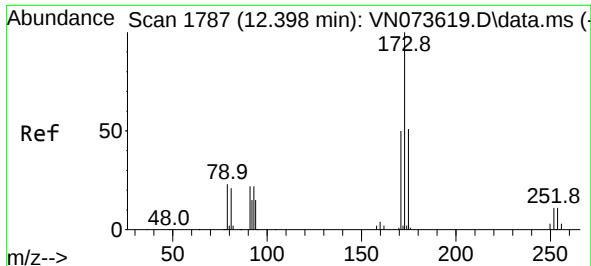
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
Styrene
Concen: 20.595 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

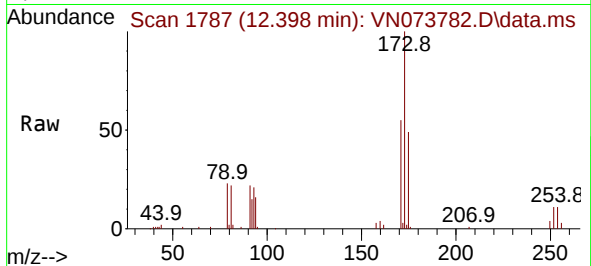
Tgt Ion:104 Resp: 211201
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 55.4 44.0 66.0





#71
Bromoform
Concen: 21.343 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

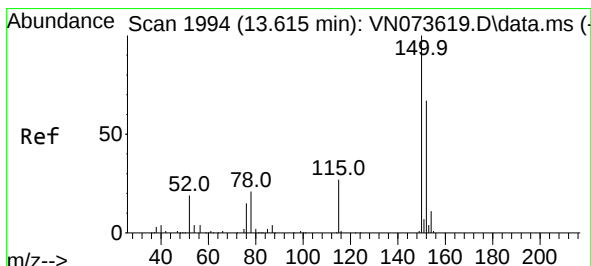
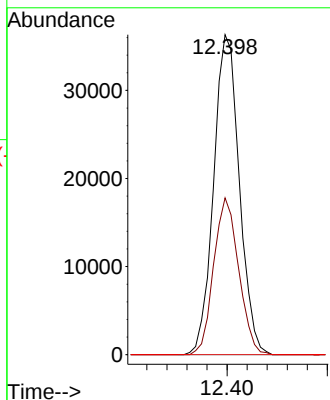
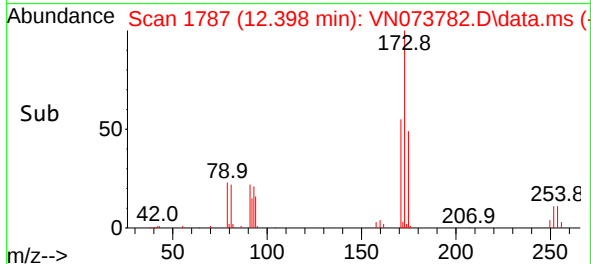
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



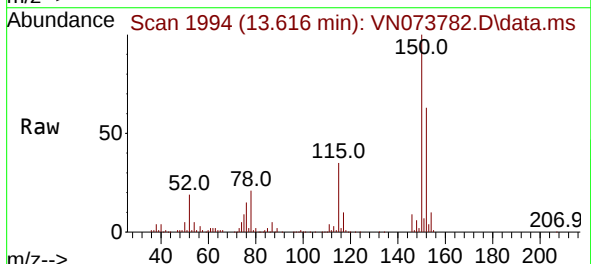
Tgt Ion:173 Resp: 64529
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

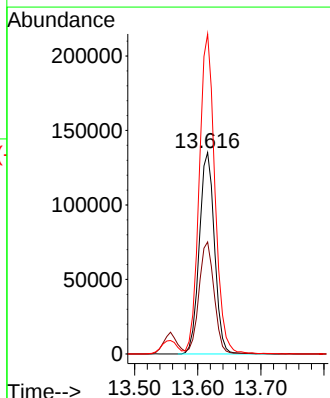
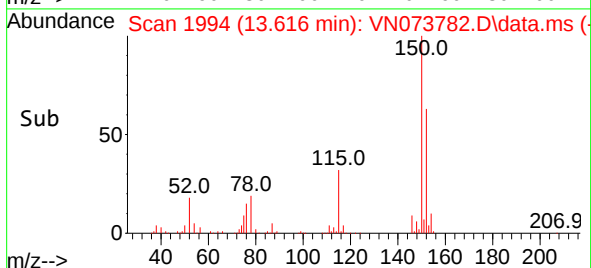
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

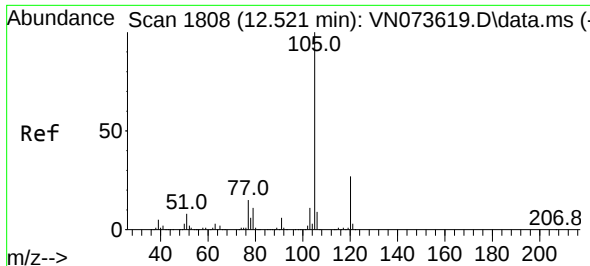


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



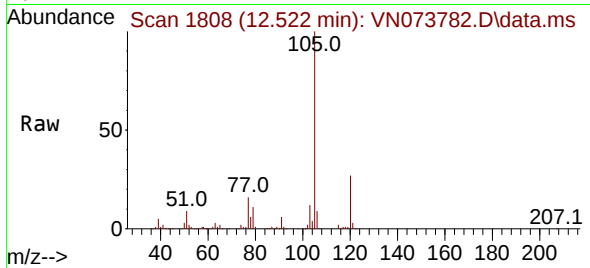
Tgt Ion:152 Resp: 225617
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 163.7 0.0 356.2





#73
Isopropylbenzene
Concen: 19.435 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

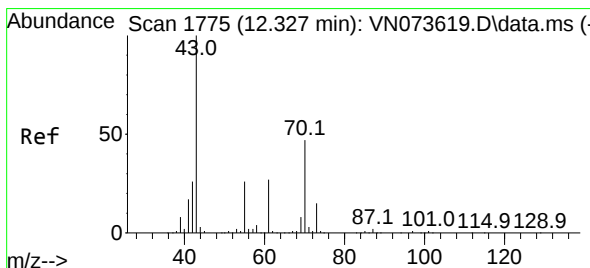
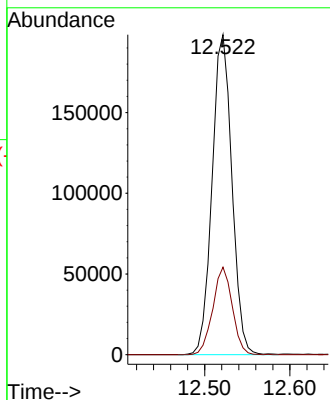
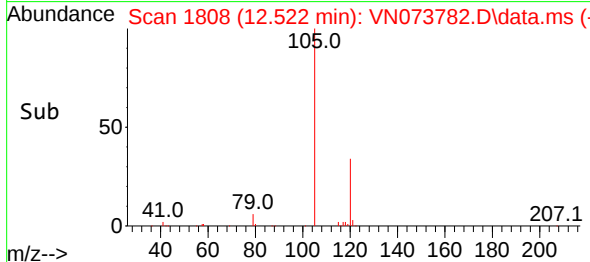
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion:105 Resp: 320980
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

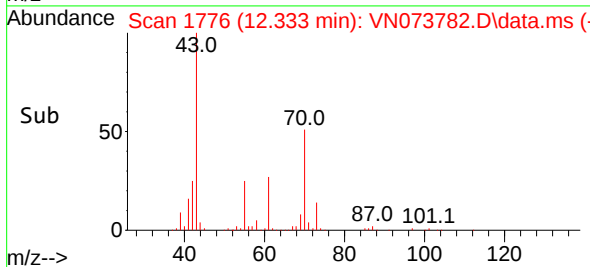
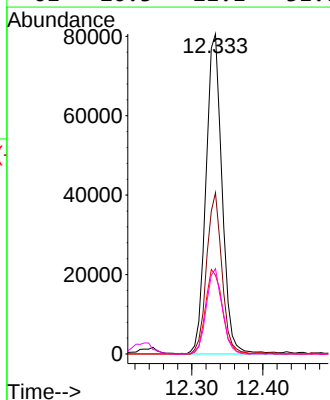
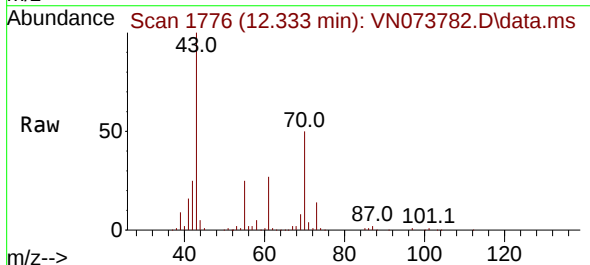
Manual Integrations
APPROVED

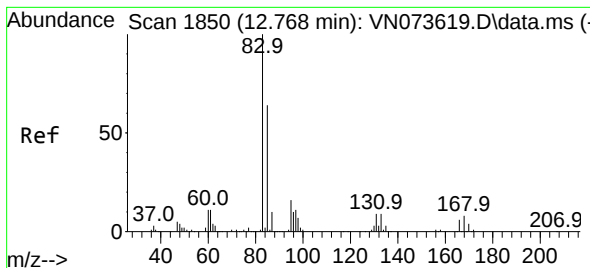
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
N-ethyl acetate
Concen: 20.383 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

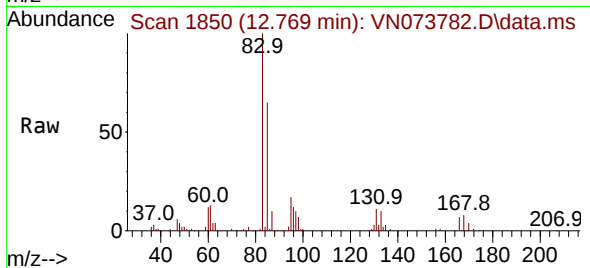
Tgt Ion: 43 Resp: 127190
Ion Ratio Lower Upper
43 100
70 47.5 39.0 58.4
55 27.6 21.1 31.7
61 26.3 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.303 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

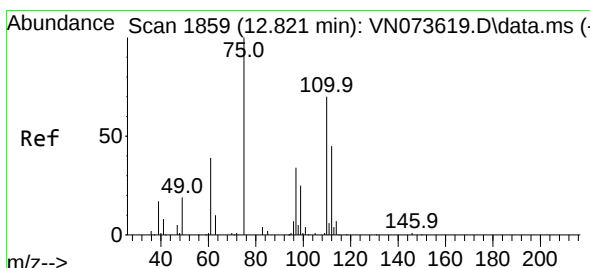
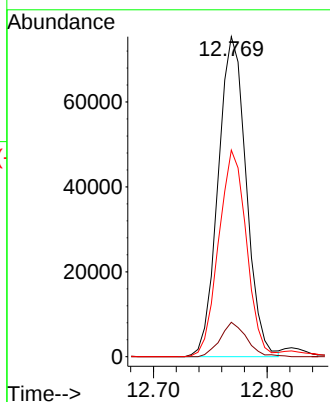
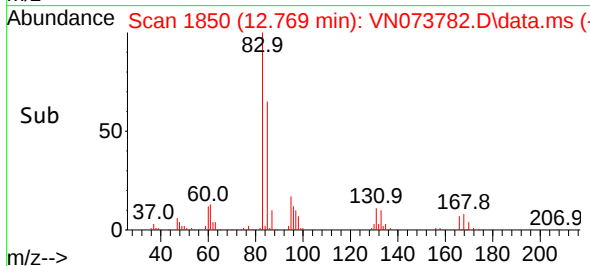
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion: 83 Resp: 12939
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 64.0 32.3 96.9

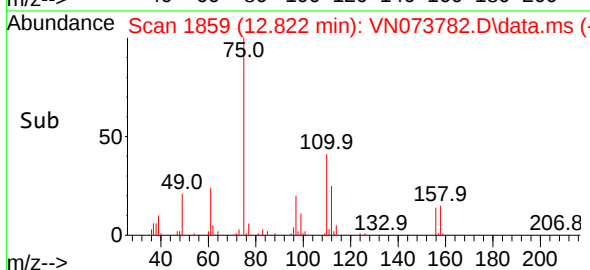
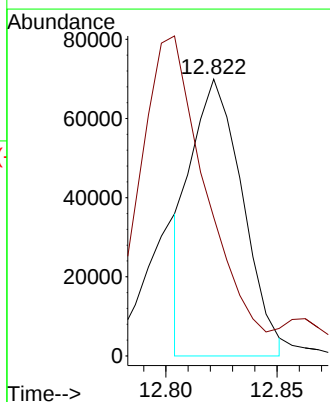
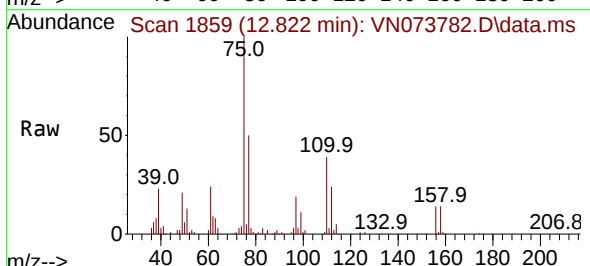
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#76
1,2,3-Trichloropropane
Concen: 25.879 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

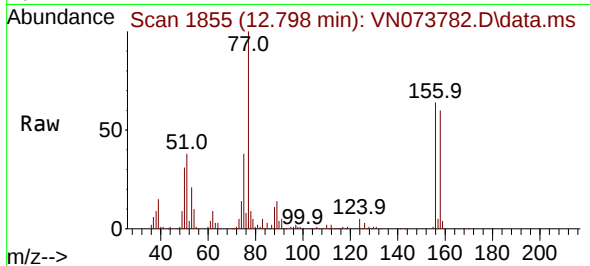
Tgt Ion: 75 Resp: 113389
Ion Ratio Lower Upper
75 100
77 150.0 98.5 295.5





#77
Bromobenzene
Concen: 19.698 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

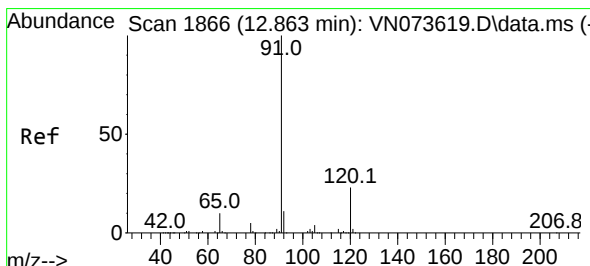
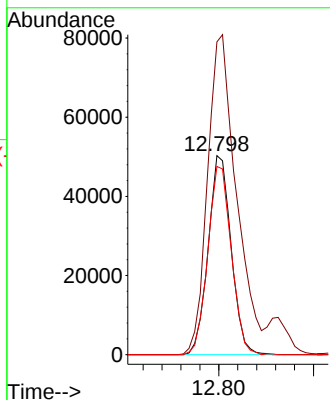
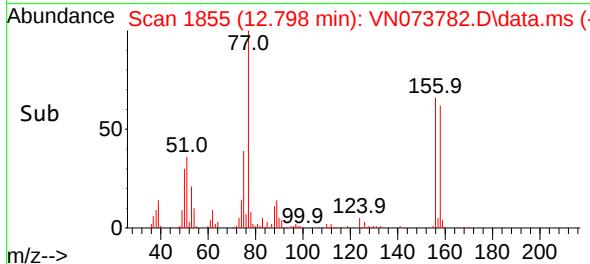
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



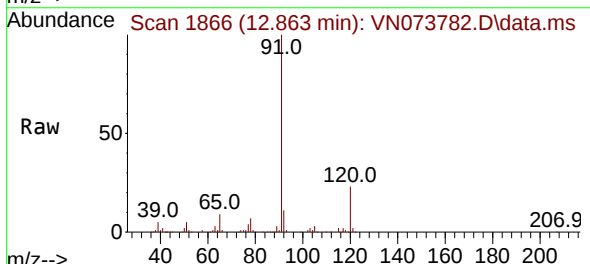
Tgt Ion:156 Resp: 8472
Ion Ratio Lower Upper
156 100
77 200.8 100.5 301.5
158 97.0 48.9 146.6

Manual Integrations
APPROVED

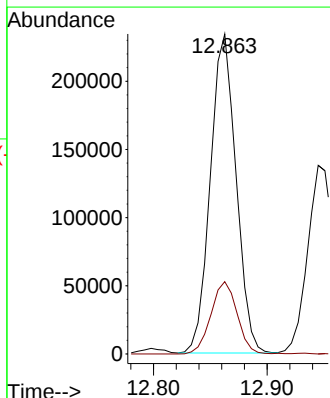
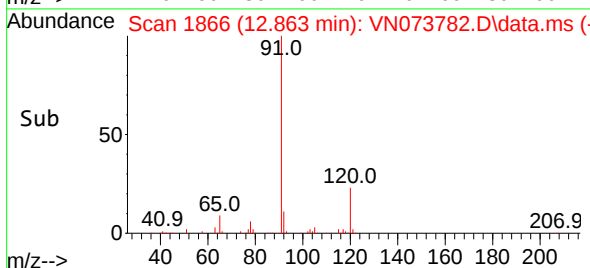
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#78
n-propylbenzene
Concen: 19.821 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



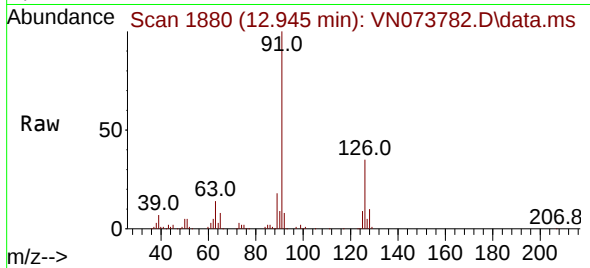
Tgt Ion: 91 Resp: 368347
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 19.740 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

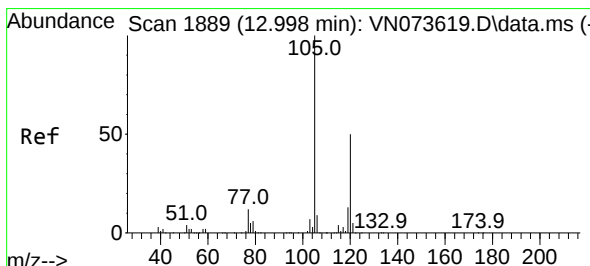
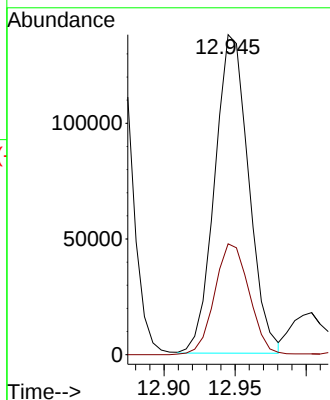
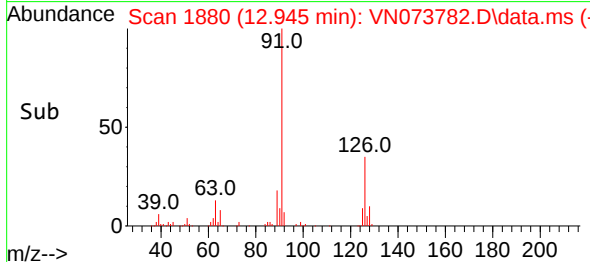
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



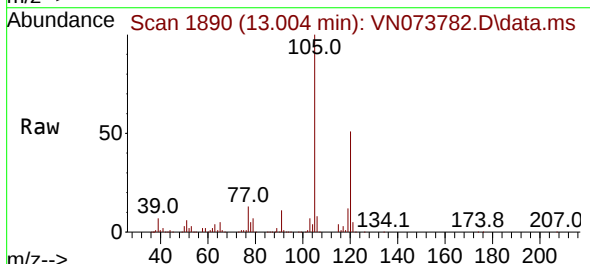
Tgt Ion: 91 Resp: 228950
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.9

Manual Integrations
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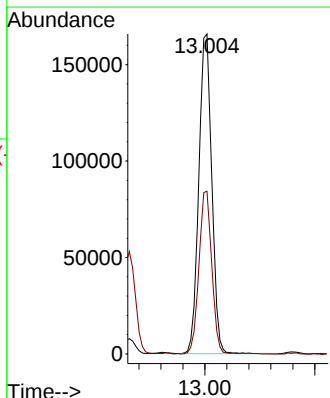
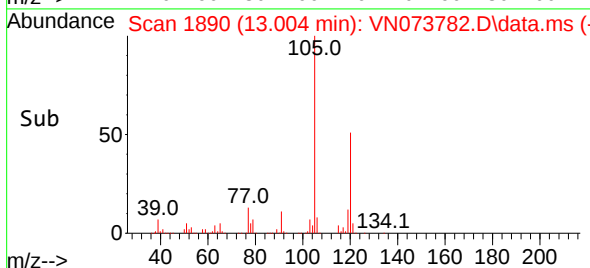
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

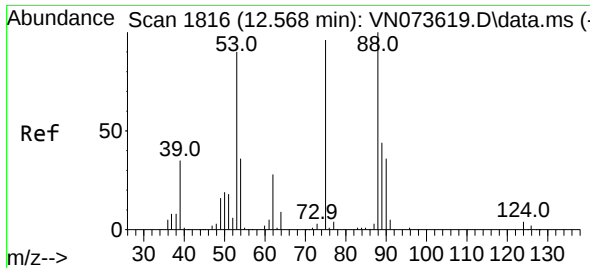


#80
1,3,5-Trimethylbenzene
Concen: 19.947 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



Tgt Ion:105 Resp: 271110
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7





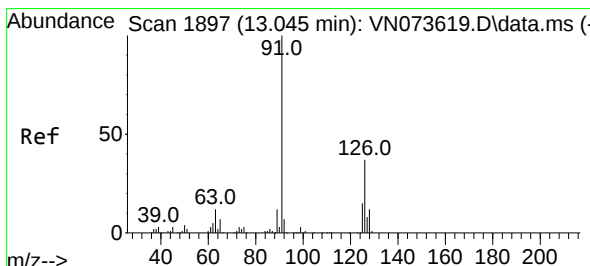
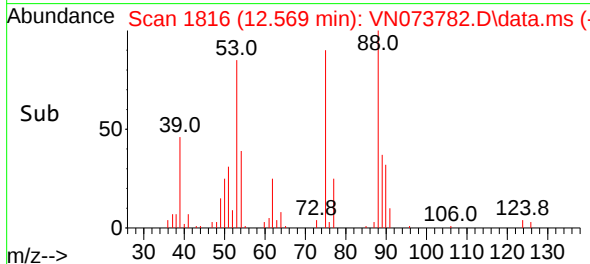
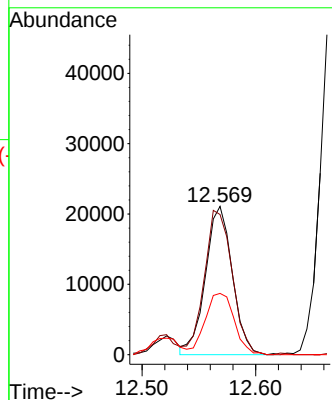
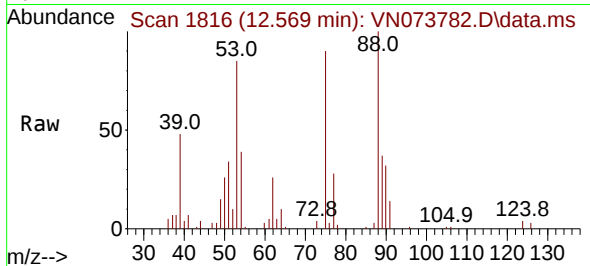
#81
trans-1,4-Dichloro-2-butene
Concen: 19.962 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

Tgt Ion: 75 Resp: 3475
Ion Ratio Lower Upper
75 100
53 100.9 78.0 117.0
89 44.7 37.2 55.8

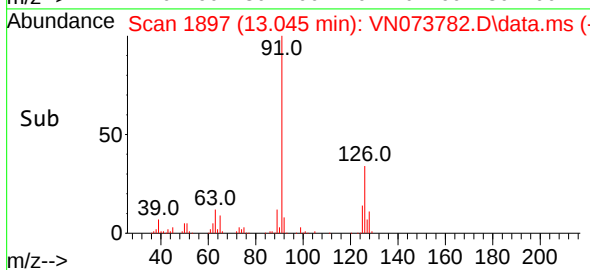
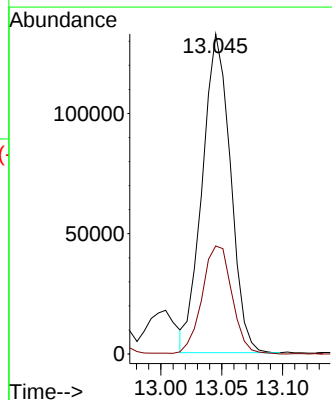
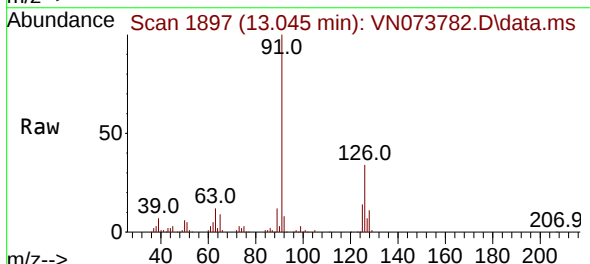
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#82
4-Chlorotoluene
Concen: 19.365 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

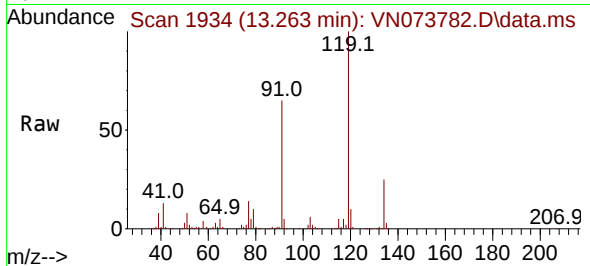
Tgt Ion: 91 Resp: 212877
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.143 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

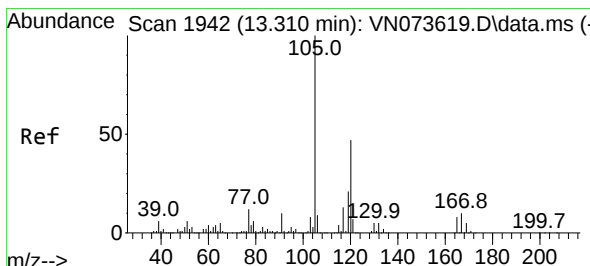
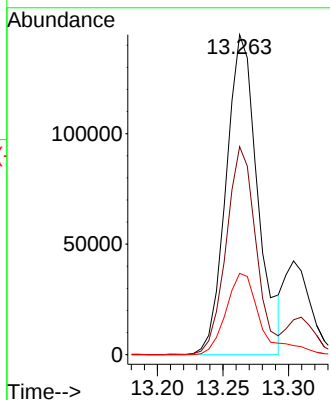
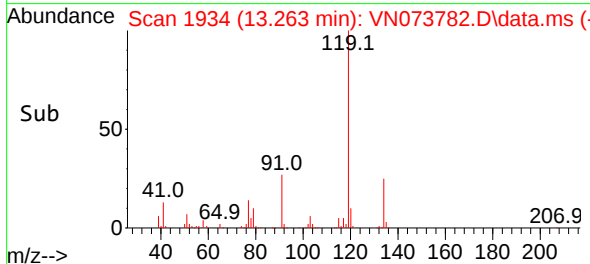
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



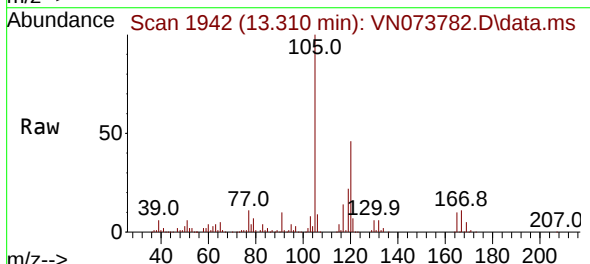
Tgt Ion:119 Resp: 242492
Ion Ratio Lower Upper
119 100
91 61.6 31.6 94.8
134 27.9 13.7 41.1

Manual Integrations
APPROVED

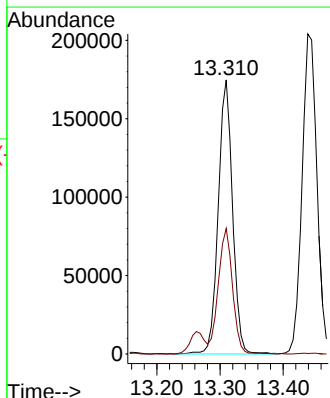
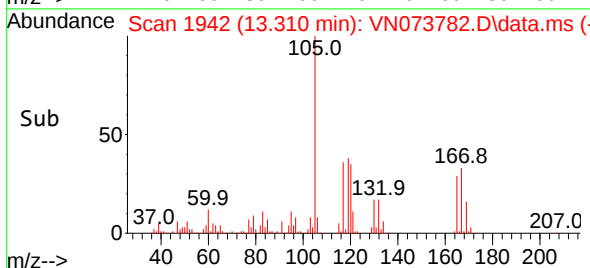
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

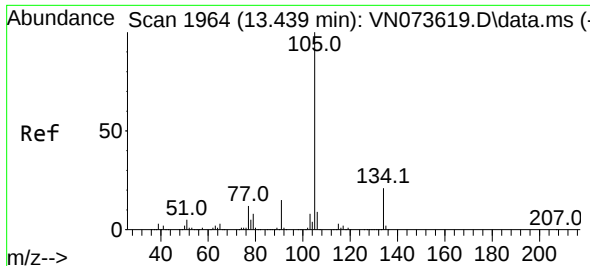


#84
1,2,4-Trimethylbenzene
Concen: 20.605 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



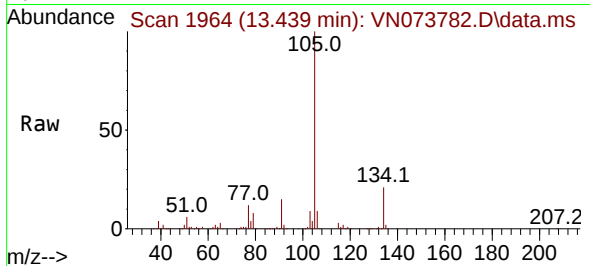
Tgt Ion:105 Resp: 275370
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.082 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073782.D
 Acq: 09 Aug 2022 12:08

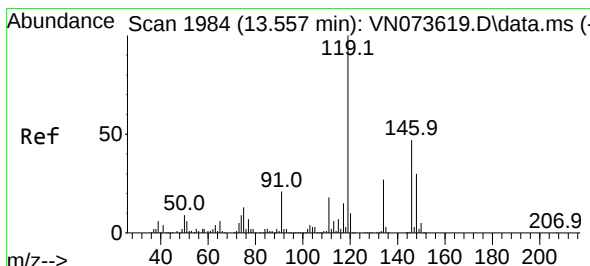
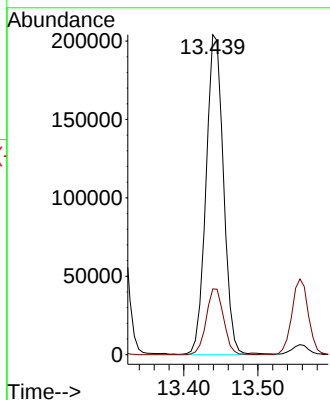
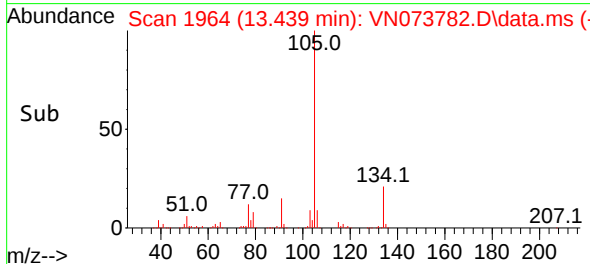
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01



Tgt Ion:105 Resp: 33414
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

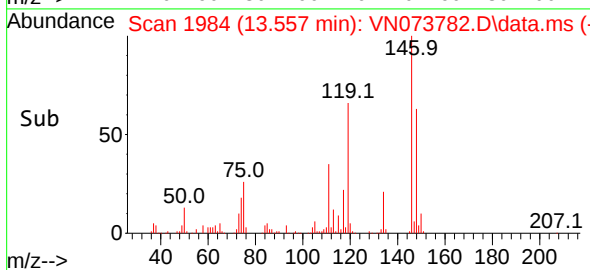
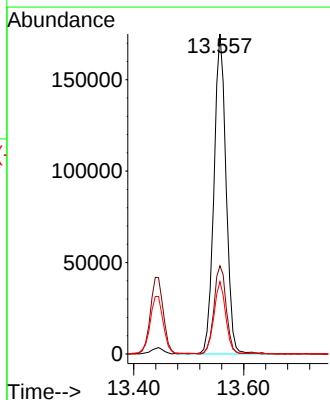
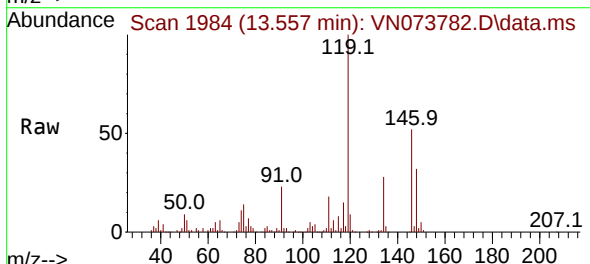
Manual Integrations
 APPROVED

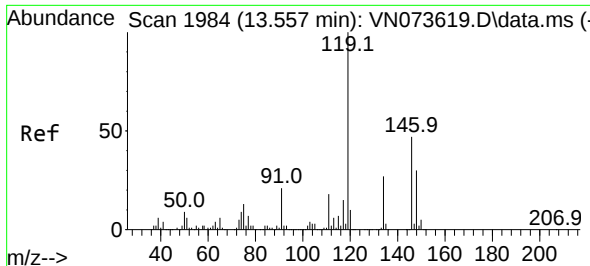
Reviewed By :John Carlone 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#86
 p-Isopropyltoluene
 Concen: 20.456 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073782.D
 Acq: 09 Aug 2022 12:08

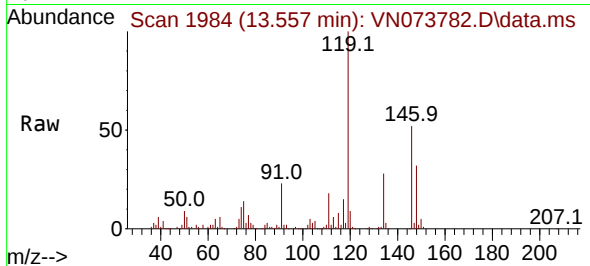
Tgt Ion:119 Resp: 268321
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.3 39.8
 91 22.0 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.334 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

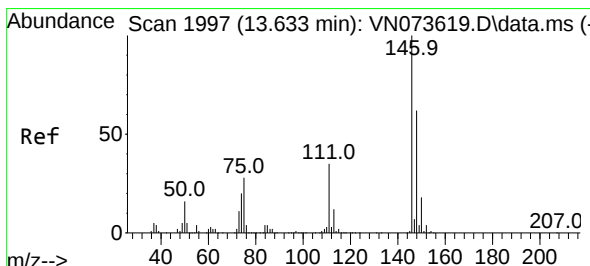
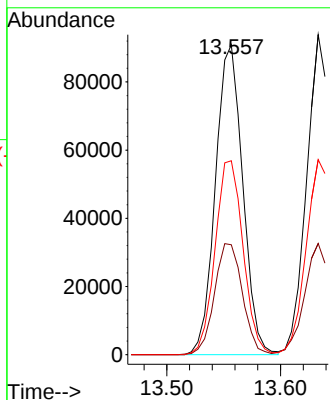
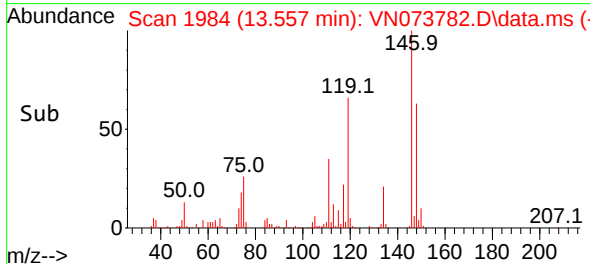
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



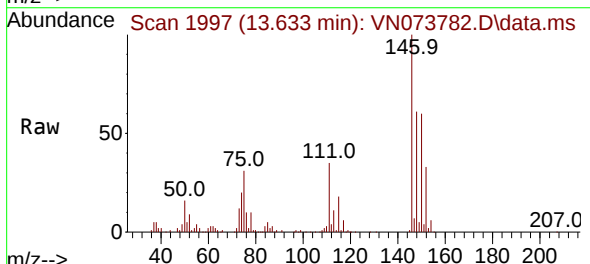
Tgt Ion:146 Resp: 151784
Ion Ratio Lower Upper
146 100
111 36.7 20.0 60.0
148 64.3 32.0 96.0

Manual Integrations
APPROVED

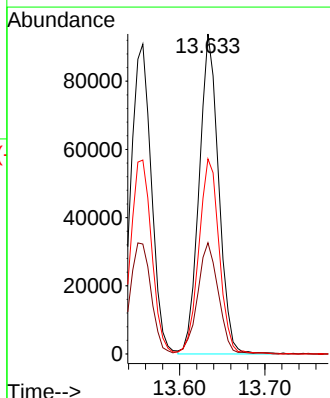
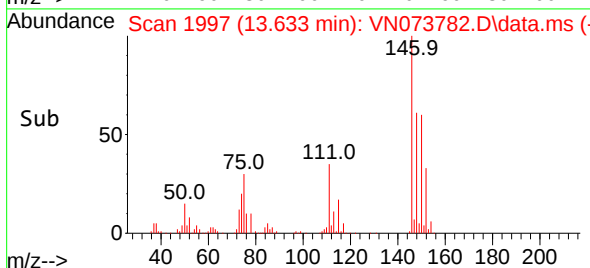
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

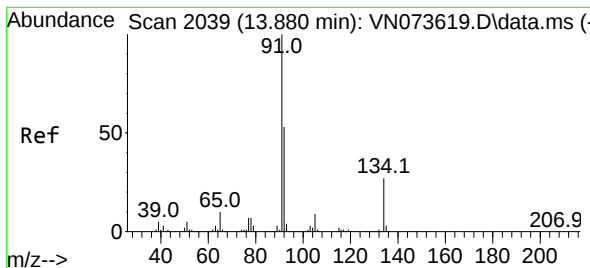


#88
1,4-Dichlorobenzene
Concen: 19.001 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



Tgt Ion:146 Resp: 149256
Ion Ratio Lower Upper
146 100
111 36.5 19.1 57.1
148 63.7 31.4 94.3





#89

n-Butylbenzene

Concen: 18.711 ug/l

RT: 13.886 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

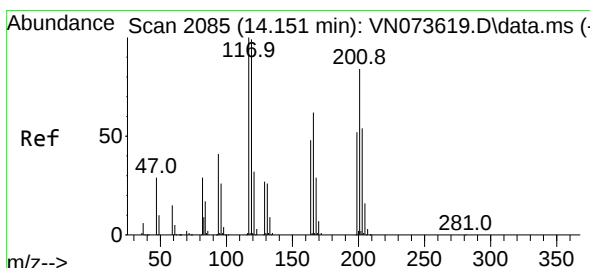
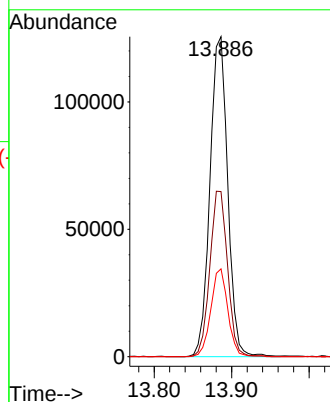
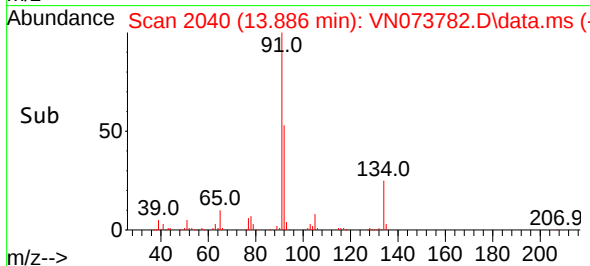
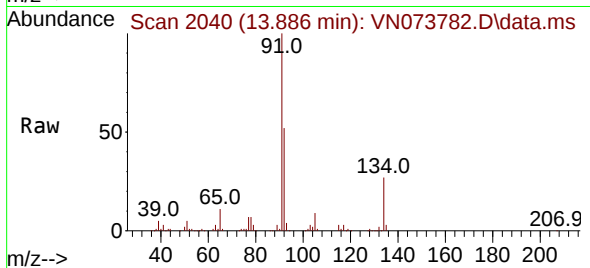
Tgt Ion: 91 Resp: 199690
 Ion Ratio Lower Upper
 91 100
 92 51.6 26.9 80.7
 134 26.4 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#90

Hexachloroethane

Concen: 19.326 ug/l

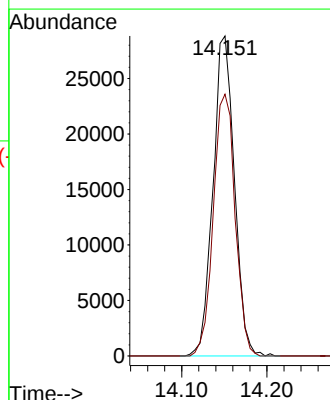
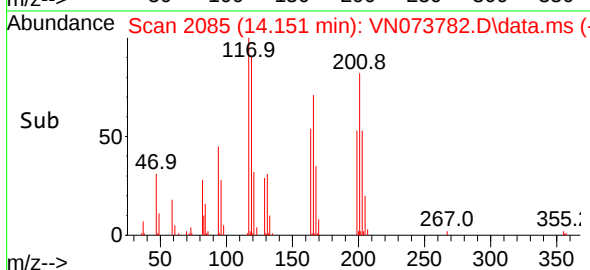
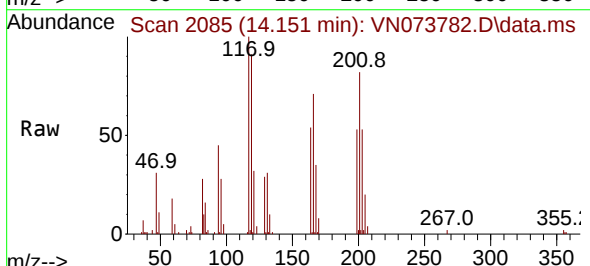
RT: 14.151 min Scan# 2085

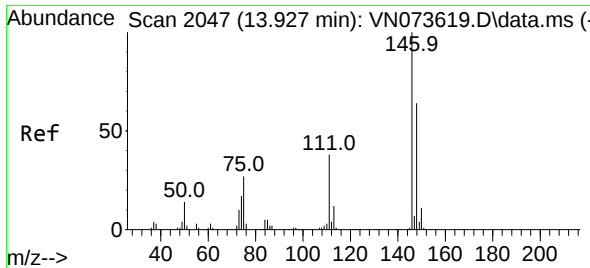
Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

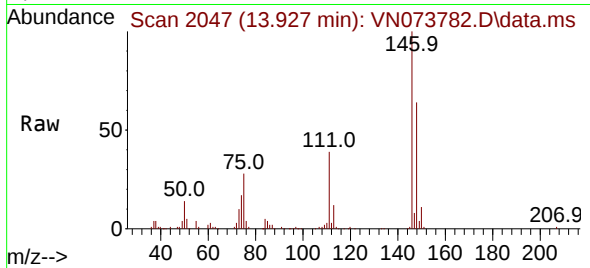
Tgt Ion:117 Resp: 50295
 Ion Ratio Lower Upper
 117 100
 201 83.4 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.008 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

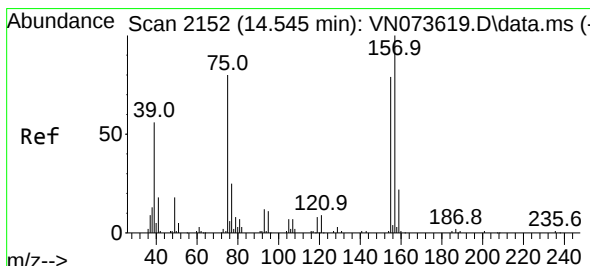
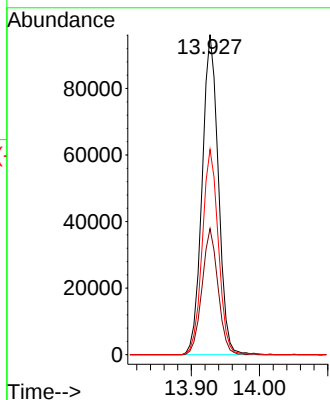
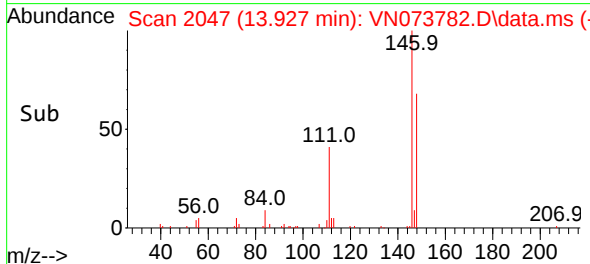
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



Tgt Ion:146 Resp: 159170
Ion Ratio Lower Upper
146 100
111 38.6 20.9 62.8
148 63.7 32.1 96.3

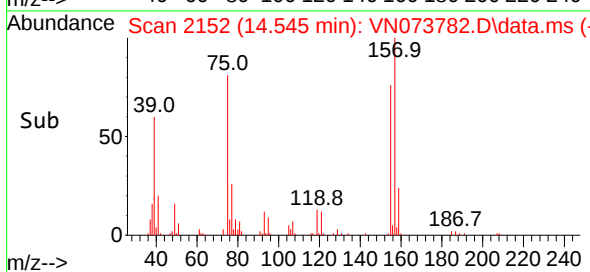
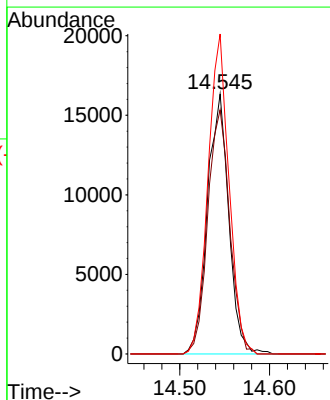
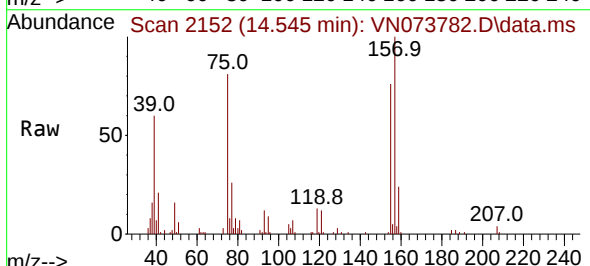
Manual Integrations
APPROVED

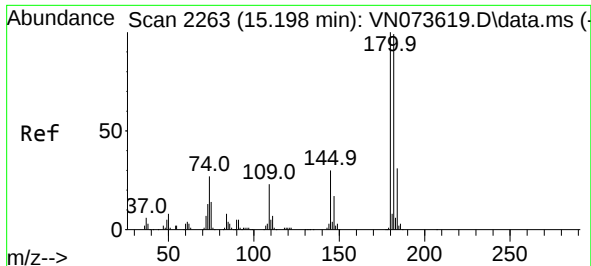
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.048 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

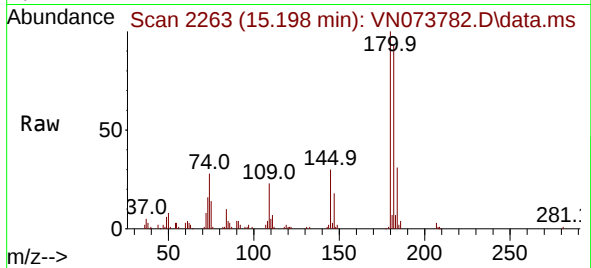
Tgt Ion: 75 Resp: 26952
Ion Ratio Lower Upper
75 100
155 96.8 44.9 134.5
157 121.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.257 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08

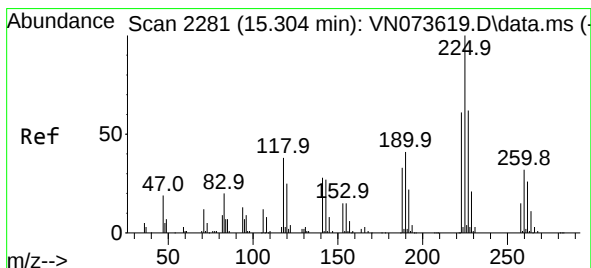
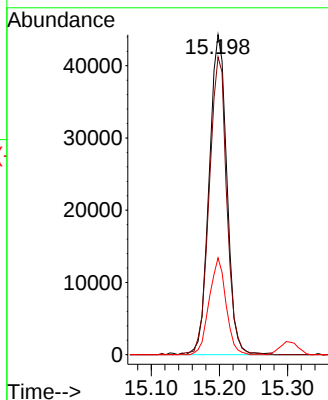
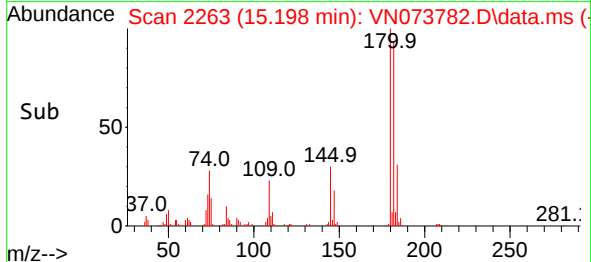
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01



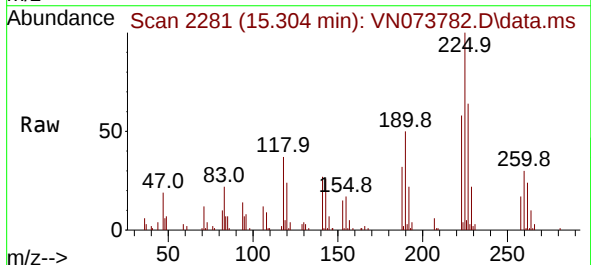
Tgt Ion:180 Resp: 8002
Ion Ratio Lower Upper
180 100
182 92.4 47.5 142.5
145 28.7 14.5 43.5

Manual Integrations
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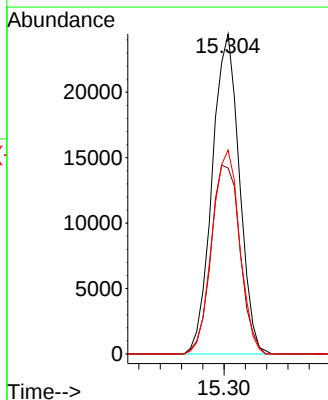
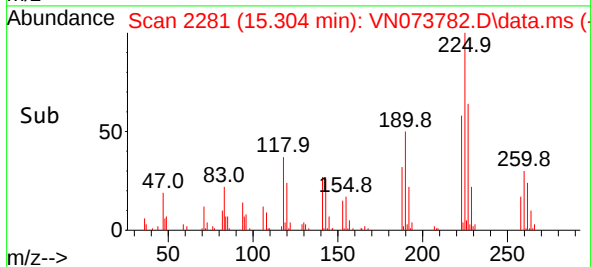
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#94
Hexachlorobutadiene
Concen: 20.137 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN073782.D
Acq: 09 Aug 2022 12:08



Tgt Ion:225 Resp: 43248
Ion Ratio Lower Upper
225 100
223 62.9 32.4 97.2
227 64.4 31.8 95.4





#95

Naphthalene

Concen: 21.333 ug/l

RT: 15.439 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN073782.D

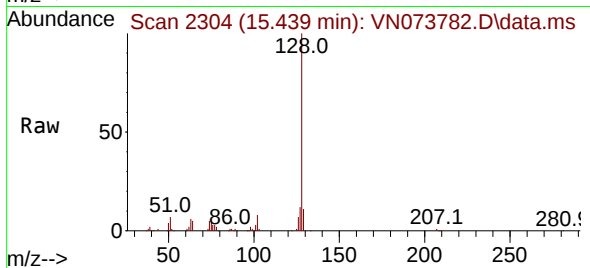
Acq: 09 Aug 2022 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01



Tgt Ion:128 Resp: 27348

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

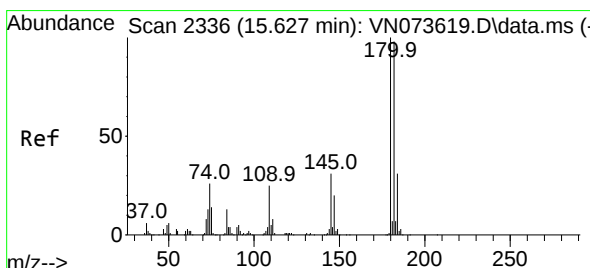
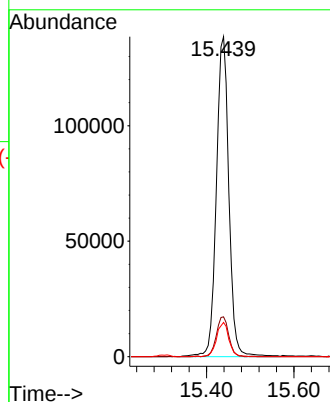
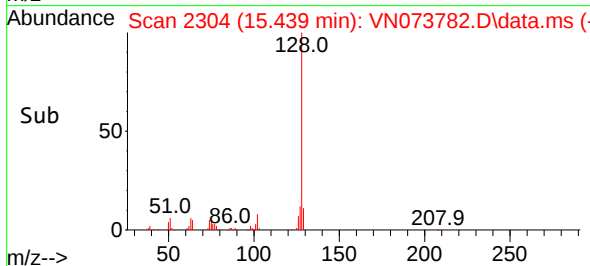
129 10.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#96

1,2,3-Trichlorobenzene

Concen: 20.373 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN073782.D

Acq: 09 Aug 2022 12:08

Tgt Ion:180 Resp: 84710

Ion Ratio Lower Upper

180 100

182 97.2 47.8 143.3

145 30.0 15.5 46.5

