

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073888.D
 Acq On : 15 Aug 2022 10:50
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

Quant Time: Aug 15 13:07:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 13:00:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	596453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	883682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	770425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	369604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	52710	7.252	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	14.500%#		
35) Dibromofluoromethane	7.957	113	46572	8.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	16.780%#		
50) Toluene-d8	10.380	98	179565	8.223	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	16.440%#		
62) 4-Bromofluorobenzene	12.668	95	56459	8.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	16.720%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	47907	8.281	ug/l	97
3) Chloromethane	2.269	50	52401	6.285	ug/l	99
4) Vinyl Chloride	2.404	62	67973	6.718	ug/l	100
5) Bromomethane	2.816	94	44516	7.586	ug/l	98
6) Chloroethane	2.975	64	45793	6.489	ug/l	96
7) Trichlorofluoromethane	3.322	101	85255	8.176	ug/l	99
8) Diethyl Ether	3.763	74	31350	8.007	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.151	101	48556	8.416	ug/l	93
10) Methyl Iodide	4.351	142	58655	10.001	ug/l	99
11) Tert butyl alcohol	5.287	59	66103	42.168	ug/l	99
12) 1,1-Dichloroethene	4.116	96	46028	8.134	ug/l	82
13) Acrolein	3.987	56	44689	28.755	ug/l	100
14) Allyl chloride	4.757	41	67666	7.479	ug/l	97
15) Acrylonitrile	5.475	53	155613	35.886	ug/l	99
16) Acetone	4.222	43	136549	34.976	ug/l	98
17) Carbon Disulfide	4.457	76	107753	7.181	ug/l	99
18) Methyl Acetate	4.775	43	81800	8.422	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	164542	8.511	ug/l	97
20) Methylene Chloride	5.016	84	54810	6.653	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	50489	8.242	ug/l	92
22) Diisopropyl ether	6.416	45	143496	7.351	ug/l	99
23) Vinyl Acetate	6.351	43	619369	37.847	ug/l	99
24) 1,1-Dichloroethane	6.310	63	89060	7.416	ug/l	95
25) 2-Butanone	7.257	43	214532	35.384	ug/l	98
26) 2,2-Dichloropropane	7.245	77	81850	8.859	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	61956	8.209	ug/l	93
28) Bromochloromethane	7.586	49	30427	6.035	ug/l	86
29) Tetrahydrofuran	7.610	42	137858	35.963	ug/l	95
30) Chloroform	7.745	83	100908	8.065	ug/l	100
31) Cyclohexane	8.022	56	83890	7.752	ug/l #	80
32) 1,1,1-Trichloroethane	7.939	97	89103	8.577	ug/l	97
36) 1,1-Dichloropropene	8.151	75	68521	8.664	ug/l	98
37) Ethyl Acetate	7.339	43	83943	8.060	ug/l	99
38) Carbon Tetrachloride	8.133	117	78503	9.773	ug/l	95
39) Methylcyclohexane	9.398	83	82603	8.740	ug/l	94
40) Benzene	8.392	78	218955	8.526	ug/l	100

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 Supervised By : Mahesh Dadoda 08/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	39430	8.366	ug/l #	93
42) 1,2-Dichloroethane	8.463	62	75187	8.687	ug/l	98
43) Isopropyl Acetate	8.492	43	119446	8.491	ug/l	97
44) Trichloroethene	9.151	130	63235	9.710	ug/l	92
45) 1,2-Dichloropropane	9.427	63	52450	8.171	ug/l	98
46) Dibromomethane	9.516	93	39662	8.902	ug/l	91
47) Bromodichloromethane	9.698	83	74358	8.696	ug/l	96
48) Methyl methacrylate	9.498	41	50293	8.167	ug/l	86
49) 1,4-Dioxane	9.504	88	32155	185.242	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	412777	40.909	ug/l	100
52) Toluene	10.445	92	145315	9.264	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	77482	9.172	ug/l	93
54) cis-1,3-Dichloropropene	10.127	75	85758	9.009	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	59211	9.052	ug/l	97
56) Ethyl methacrylate	10.704	69	83732	9.287	ug/l	97
57) 1,3-Dichloropropane	10.986	76	94700	8.533	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	186186	45.918	ug/l	94
59) 2-Hexanone	11.027	43	319780	41.831	ug/l	99
60) Dibromochloromethane	11.180	129	64821	9.961	ug/l	97
61) 1,2-Dibromoethane	11.286	107	61396	9.113	ug/l	99
64) Tetrachloroethene	10.916	164	55591	9.079	ug/l	97
65) Chlorobenzene	11.710	112	156709	9.576	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	60852	10.367	ug/l	98
67) Ethyl Benzene	11.786	91	260527	9.437	ug/l	99
68) m/p-Xylenes	11.892	106	205926	19.557	ug/l	98
69) o-Xylene	12.221	106	102664	10.001	ug/l	98
70) Styrene	12.233	104	161425	9.823	ug/l	98
71) Bromoform	12.398	173	52651	10.868	ug/l #	100
73) Isopropylbenzene	12.521	105	260537	9.630	ug/l	99
74) N-amyl acetate	12.327	43	97055	9.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	89282	8.551	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	76657m	9.135	ug/l	
77) Bromobenzene	12.798	156	70902	10.063	ug/l	89
78) n-propylbenzene	12.863	91	273209	8.974	ug/l	98
79) 2-Chlorotoluene	12.945	91	176456	9.287	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	214811	9.648	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.568	75	25453	8.925	ug/l	96
82) 4-Chlorotoluene	13.045	91	162938	9.048	ug/l	93
83) tert-Butylbenzene	13.262	119	196882	9.983	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	211110	9.643	ug/l	98
85) sec-Butylbenzene	13.439	105	253964	9.317	ug/l	97
86) p-Isopropyltoluene	13.557	119	214255	9.971	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	122545	9.528	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	120498	9.364	ug/l	96
89) n-Butylbenzene	13.880	91	158932	9.090	ug/l	98
90) Hexachloroethane	14.151	117	38525	9.036	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	125978	9.666	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	21428	10.215	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	74983	11.586	ug/l	99
94) Hexachlorobutadiene	15.298	225	40269	11.445	ug/l	98
95) Naphthalene	15.433	128	252968	12.045	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	79780	11.713	ug/l	97

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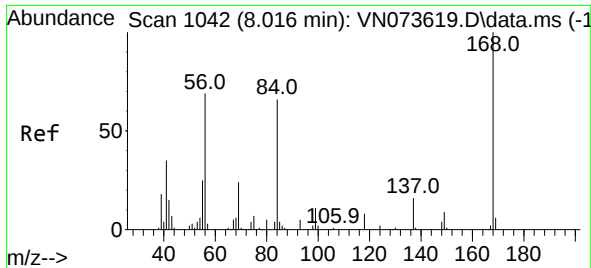
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 15 13:07:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 15 13:00:13 2022
Response via : Initial Calibration

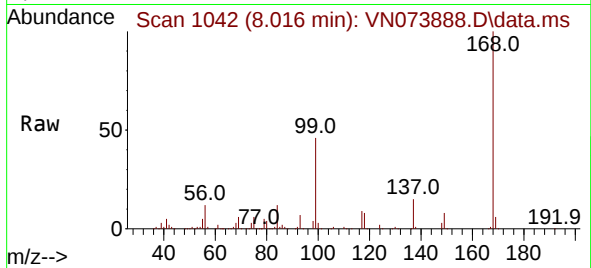
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

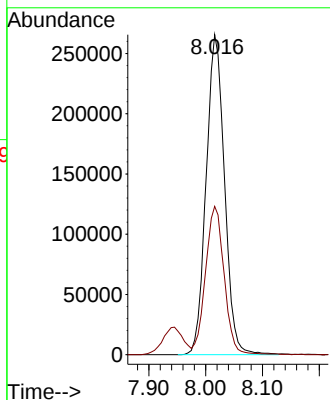
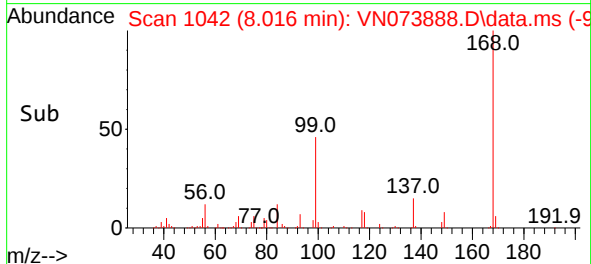
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



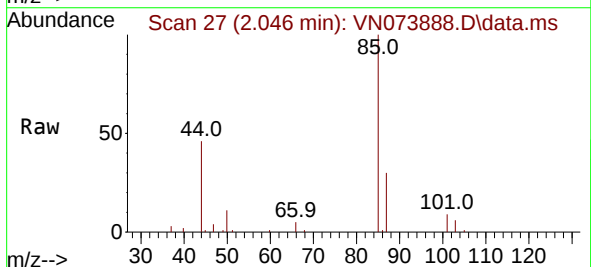
Tgt Ion:168 Resp: 59645
Ion Ratio Lower Upper
168 100
99 46.2 42.3 63.5

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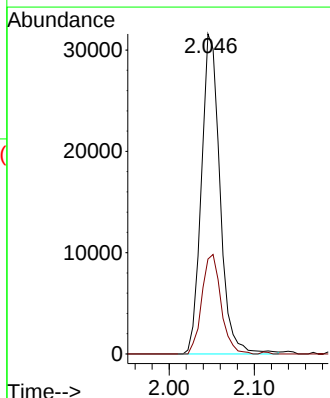
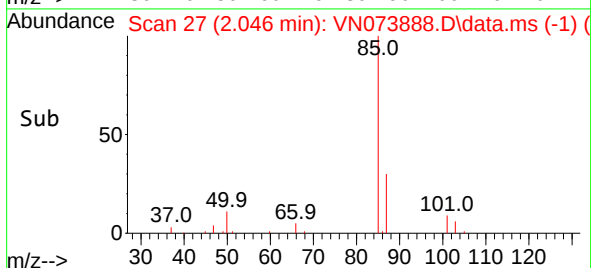
Reviewed By :John Carlone 08/16/2022
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#2
Dichlorodifluoromethane
Concen: 8.281 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



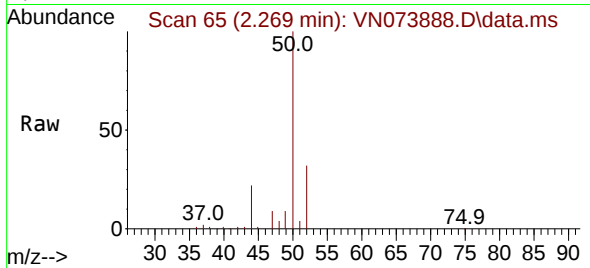
Tgt Ion: 85 Resp: 47907
Ion Ratio Lower Upper
85 100
87 29.7 15.7 47.1





#3
Chloromethane
Concen: 6.285 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

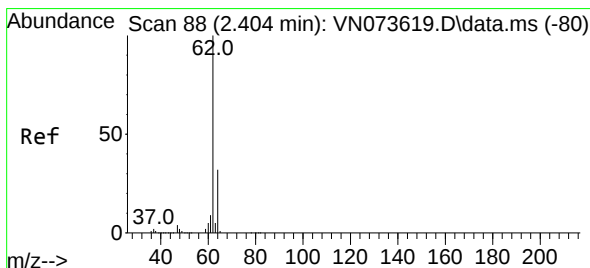
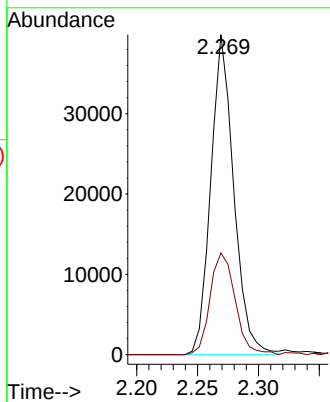
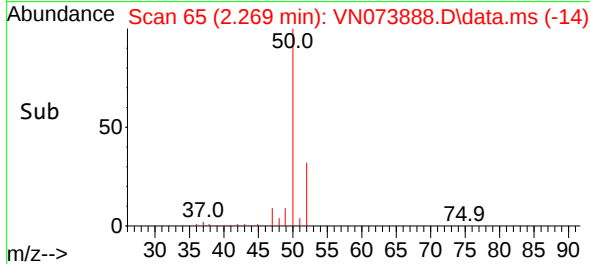
Instrument :
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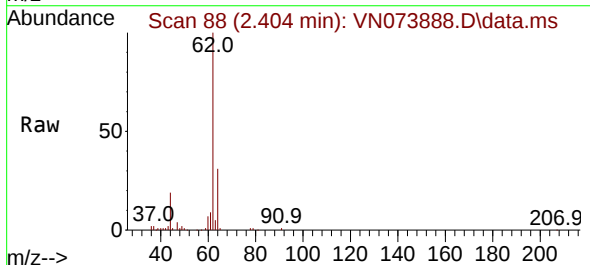
Tgt Ion: 50 Resp: 5240
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5

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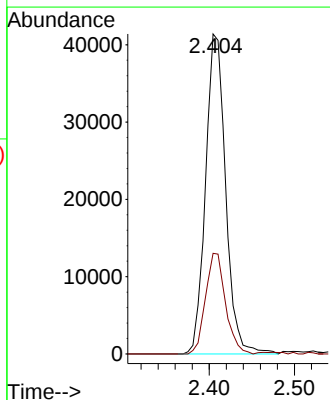
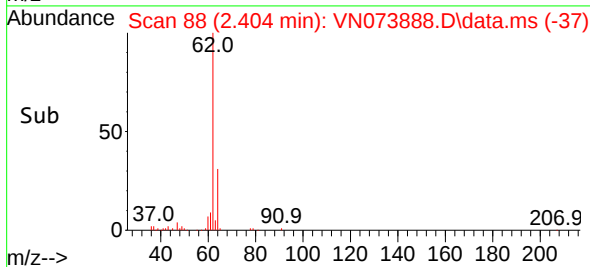
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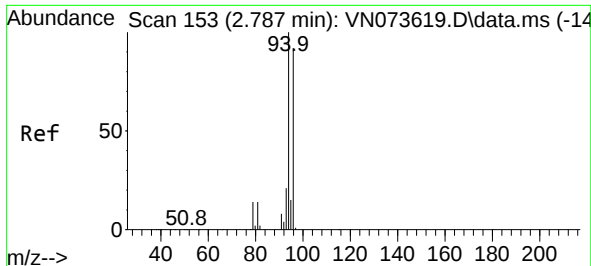


#4
Vinyl Chloride
Concen: 6.718 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



Tgt Ion: 62 Resp: 67973
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4





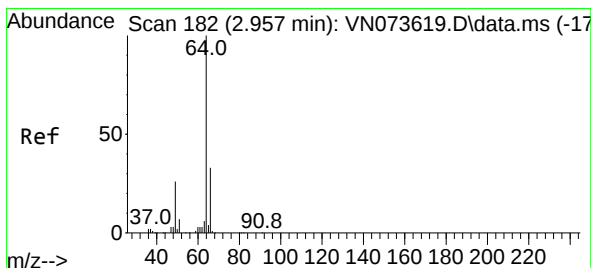
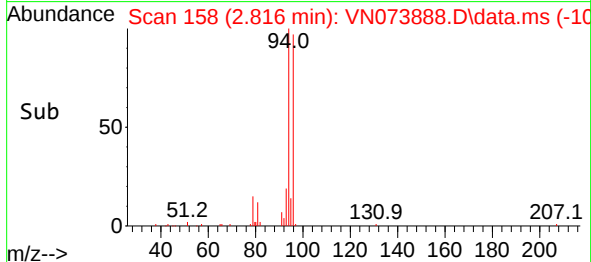
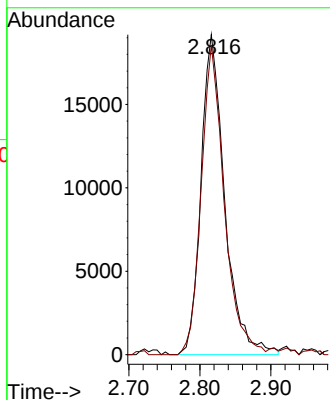
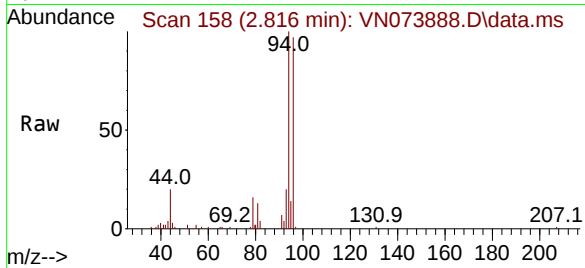
#5
Bromomethane
Concen: 7.586 ug/l
RT: 2.816 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
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Tgt Ion: 94 Resp: 44510
Ion Ratio Lower Upper
94 100
96 96.8 76.0 114.0

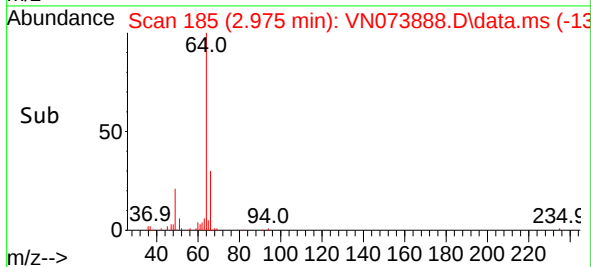
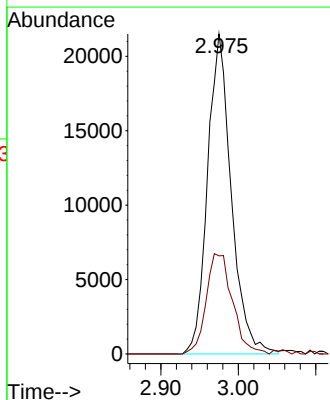
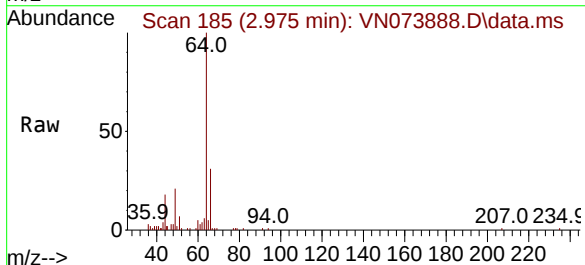
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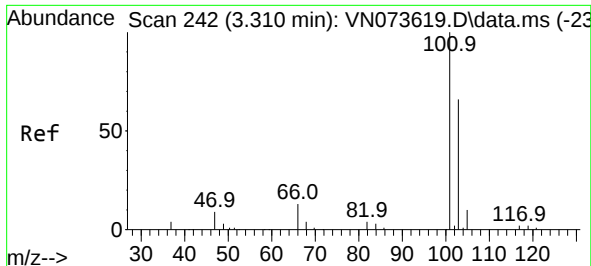
Reviewed By :John Carlone 08/16/2022
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#6
Chloroethane
Concen: 6.489 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.018 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion: 64 Resp: 45793
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.4





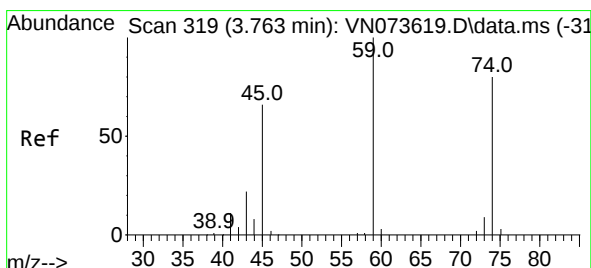
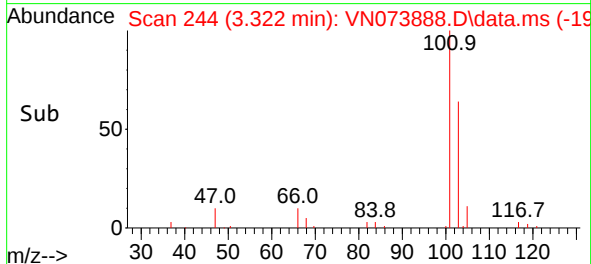
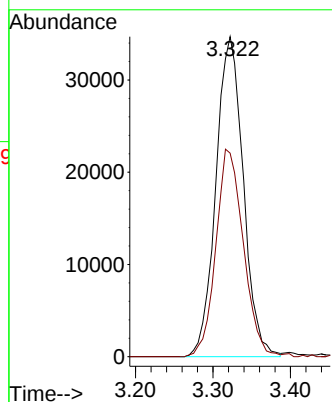
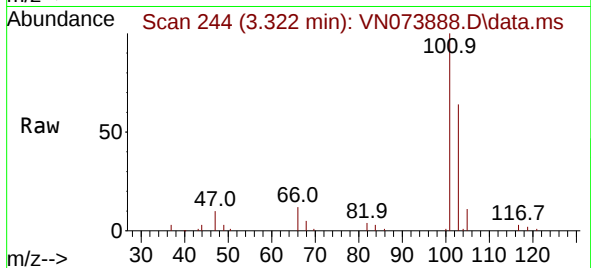
#7
Trichlorofluoromethane
Concen: 8.176 ug/l
RT: 3.322 min Scan# 242
Delta R.T. 0.012 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 8525
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3

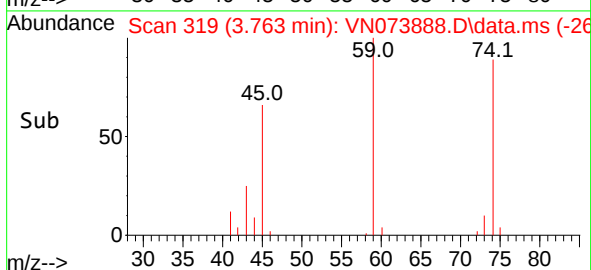
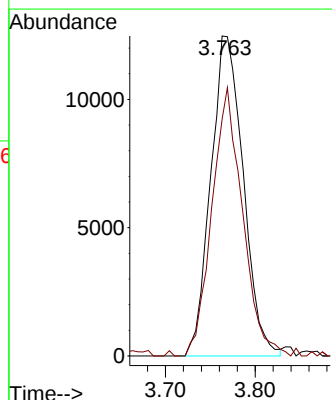
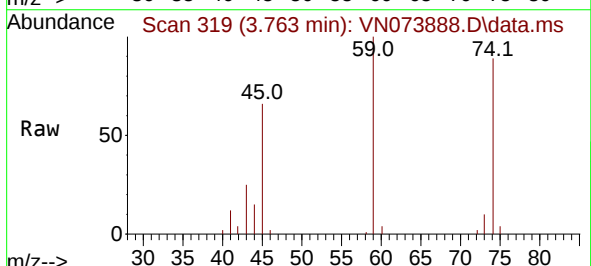
Manual Integrations
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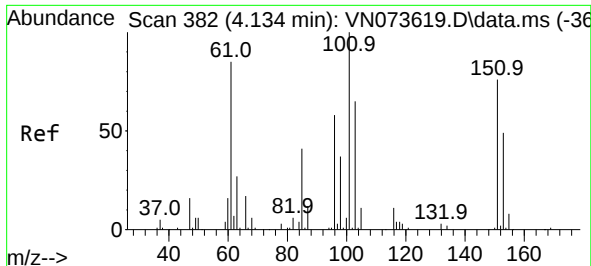
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#8
Diethyl Ether
Concen: 8.007 ug/l
RT: 3.763 min Scan# 319
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion: 74 Resp: 31350
Ion Ratio Lower Upper
74 100
45 79.0 42.9 128.5





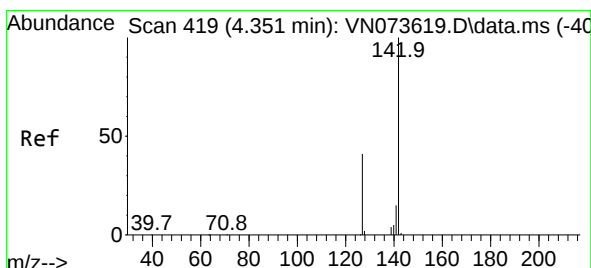
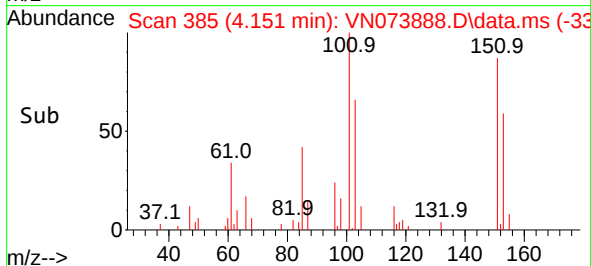
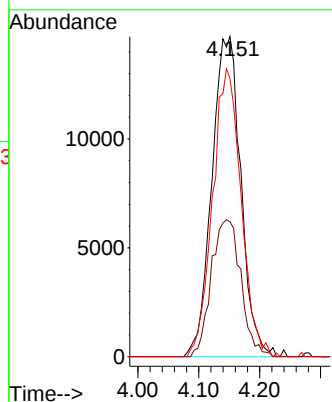
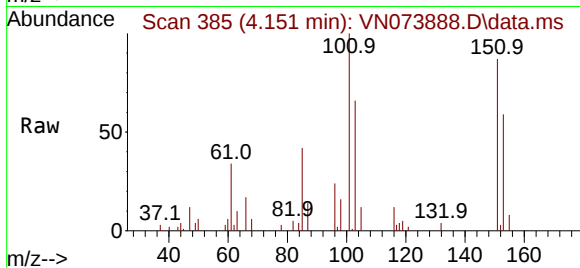
#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.416 ug/l
RT: 4.151 min Scan# 385
Delta R.T. 0.018 min
Lab File: VN073888.D
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Tgt Ion:101 Resp: 48550
Ion Ratio Lower Upper
101 100
85 43.7 34.7 52.1
151 88.5 63.0 94.4

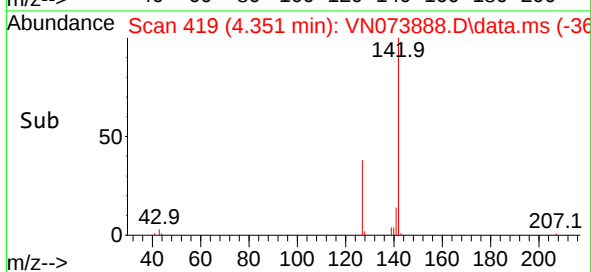
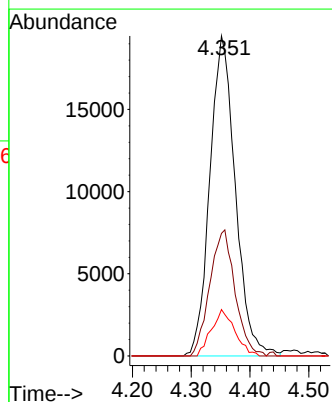
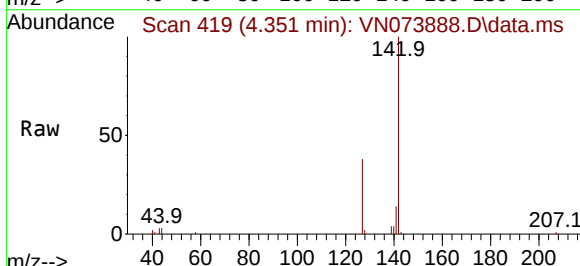
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#10
Methyl Iodide
Concen: 10.001 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion:142 Resp: 58655
Ion Ratio Lower Upper
142 100
127 39.0 31.3 46.9
141 13.3 11.2 16.8





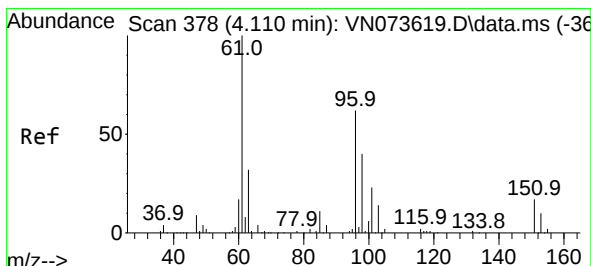
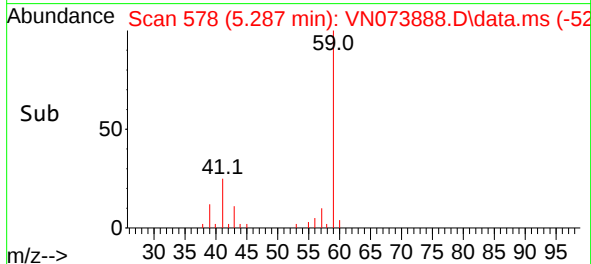
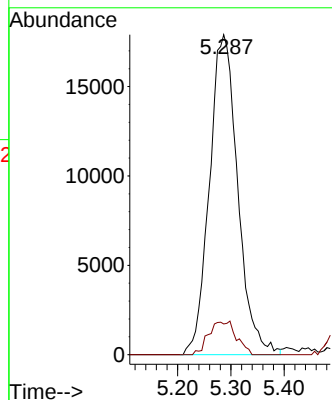
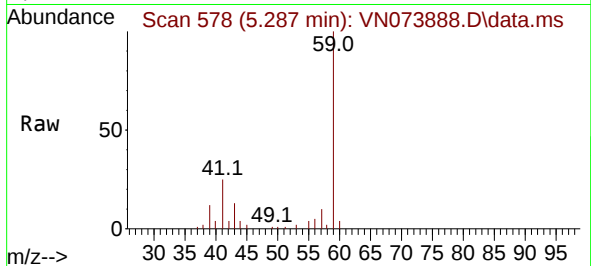
#11
Tert butyl alcohol
Concen: 42.168 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 6610
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

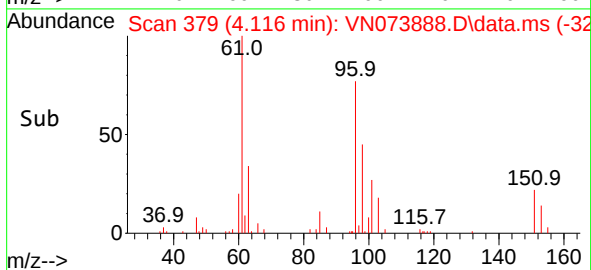
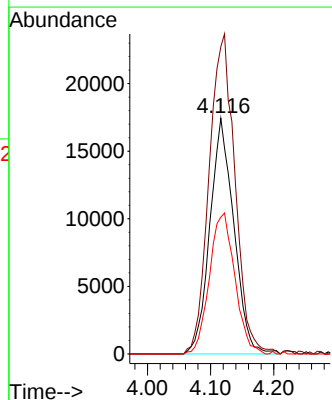
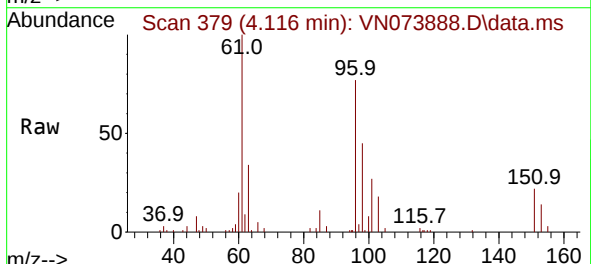
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#12
1,1-Dichloroethene
Concen: 8.134 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

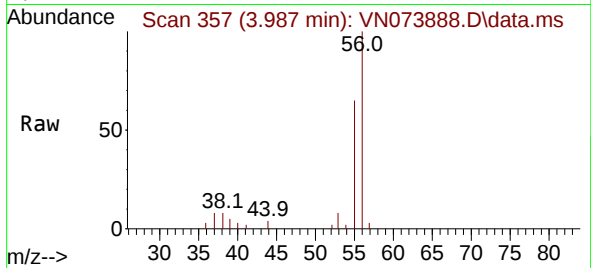
Tgt Ion: 96 Resp: 46028
Ion Ratio Lower Upper
96 100
61 130.3 127.6 191.4
98 58.0 51.2 76.8





#13
Acrolein
Concen: 28.755 ug/l
RT: 3.987 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

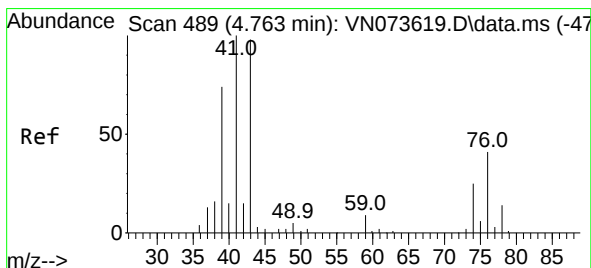
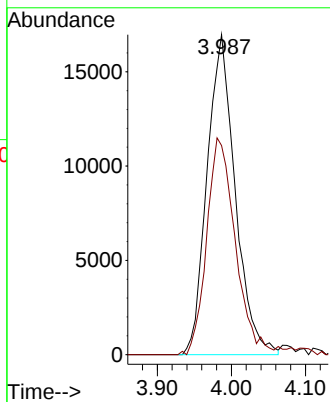
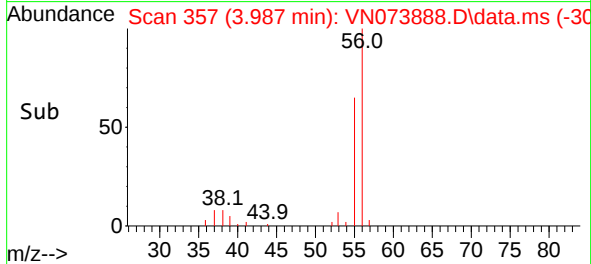
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 44689
Ion Ratio Lower Upper
56 100
55 68.8 54.8 82.2

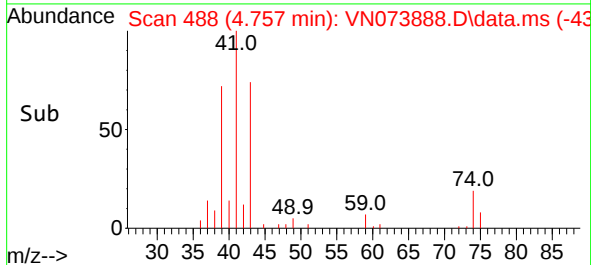
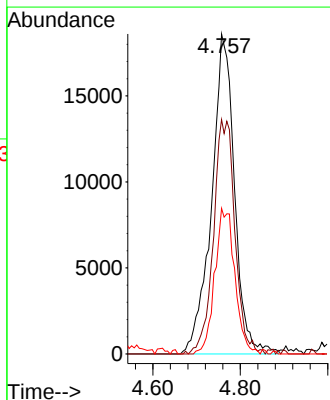
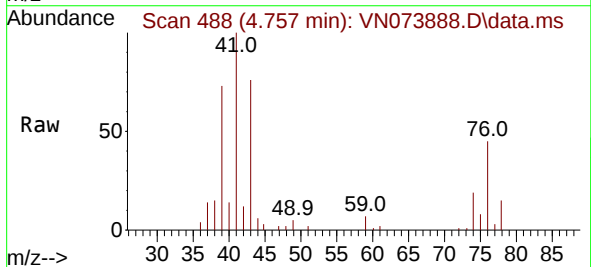
Manual Integrations
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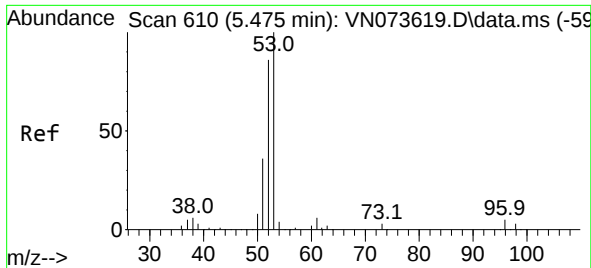
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#14
Allyl chloride
Concen: 7.479 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion: 41 Resp: 67666
Ion Ratio Lower Upper
41 100
39 68.5 53.2 79.8
76 39.6 29.9 44.9





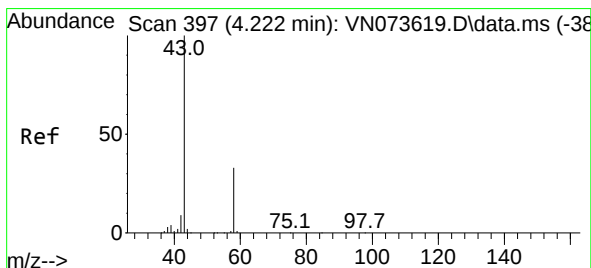
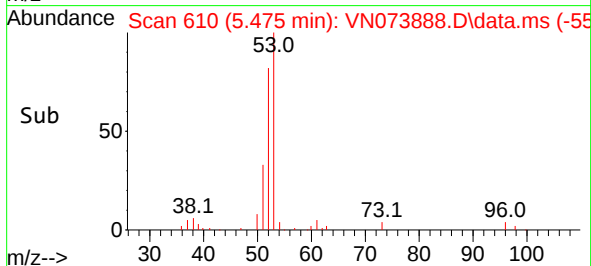
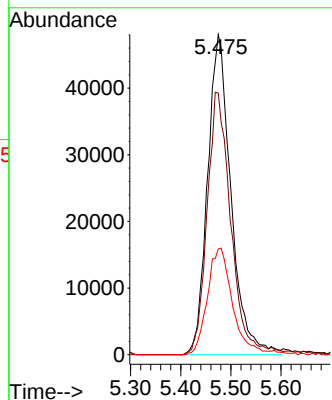
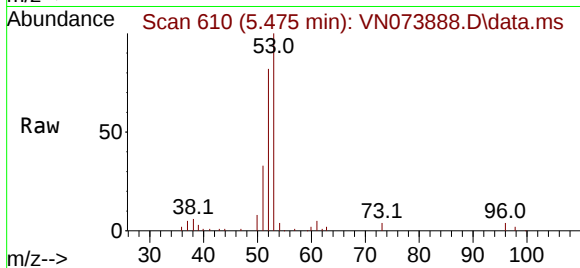
#15
Acrylonitrile
Concen: 35.886 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC010

Tgt Ion: 53 Resp: 155611
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 35.6 28.5 42.7

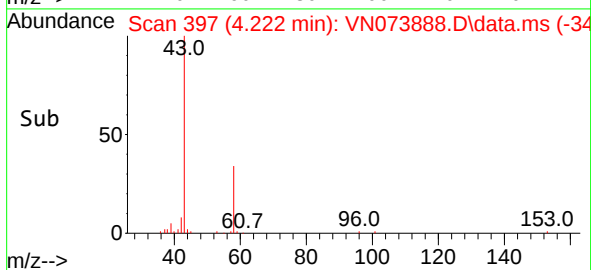
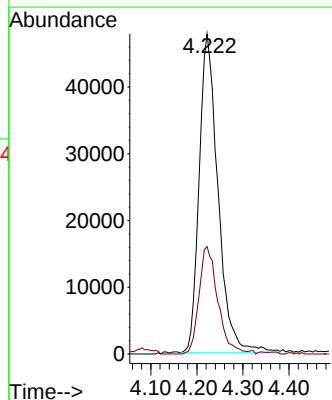
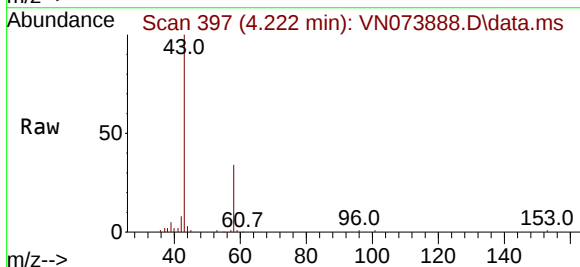
Manual Integrations
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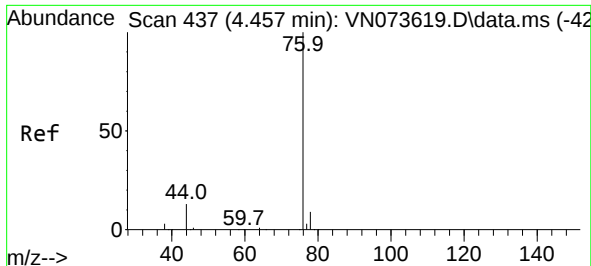
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#16
Acetone
Concen: 34.976 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

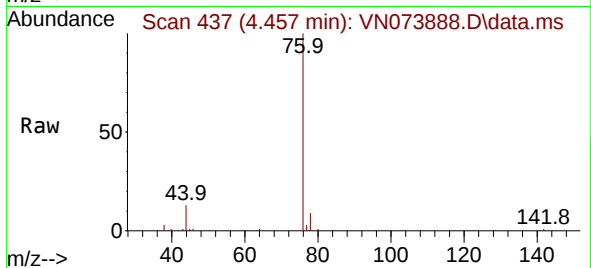
Tgt Ion: 43 Resp: 136549
Ion Ratio Lower Upper
43 100
58 33.7 26.0 39.0





#17
Carbon Disulfide
Concen: 7.181 ug/l
RT: 4.457 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

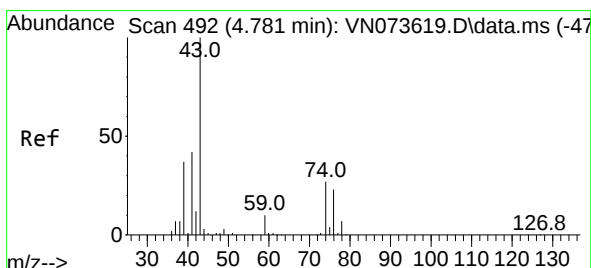
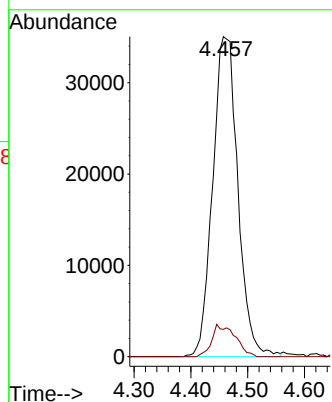
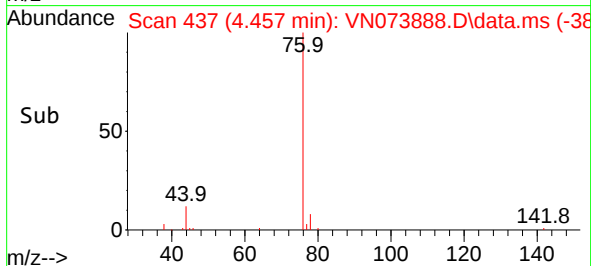
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 10775
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

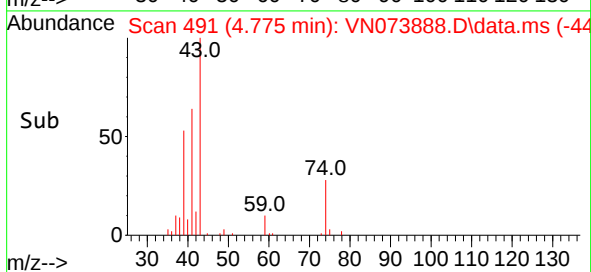
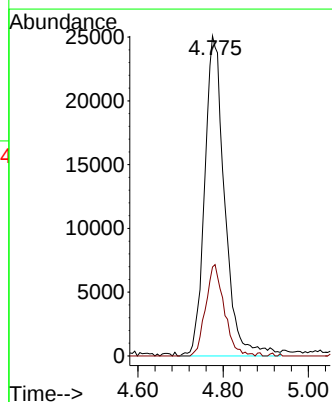
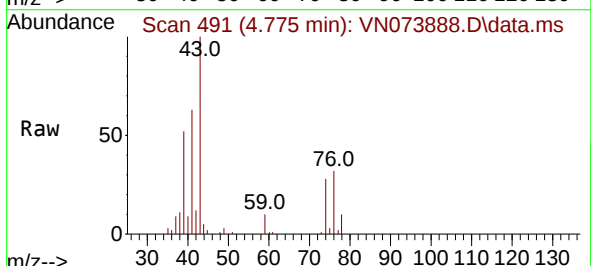
Manual Integrations
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Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#18
Methyl Acetate
Concen: 8.422 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion: 43 Resp: 81800
Ion Ratio Lower Upper
43 100
74 26.4 21.6 32.4





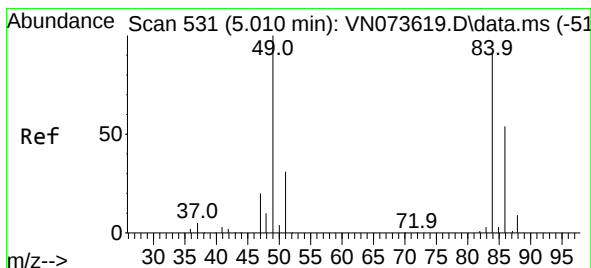
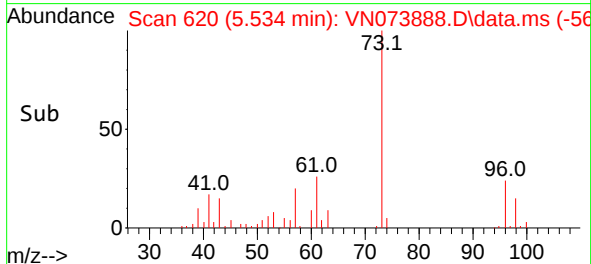
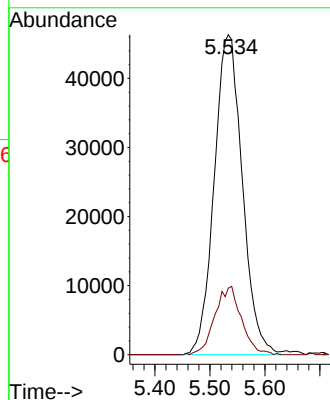
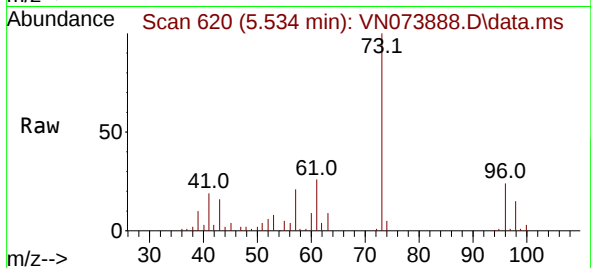
#19
Methyl tert-butyl Ether
Concen: 8.511 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 16454
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

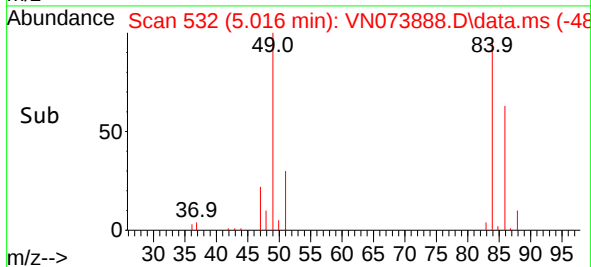
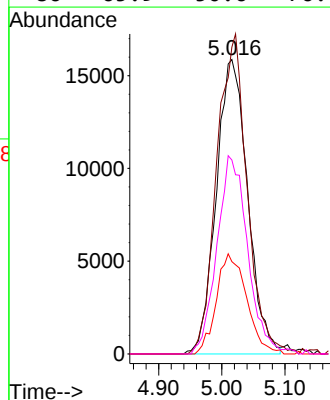
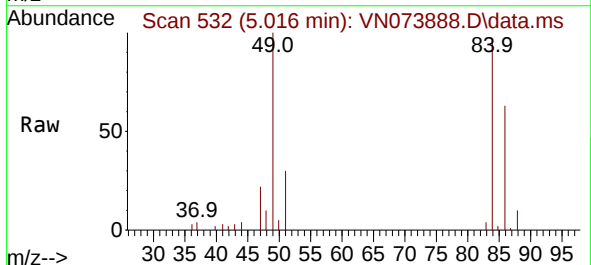
Manual Integrations
APPROVED

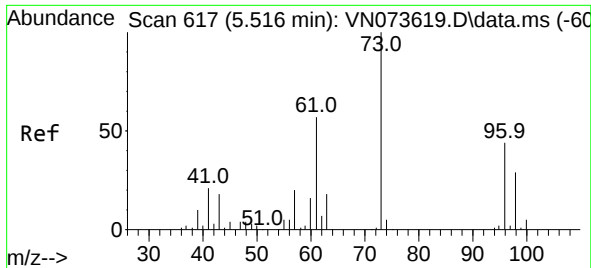
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 6.653 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

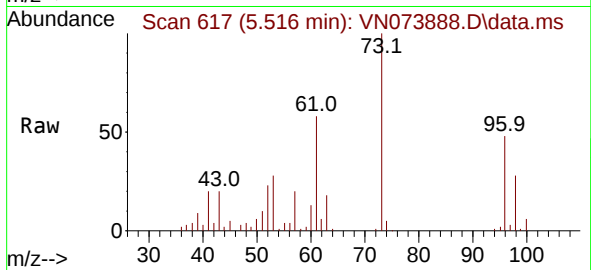
Tgt Ion: 84 Resp: 54810
Ion Ratio Lower Upper
84 100
49 104.3 88.3 132.5
51 31.4 28.2 42.2
86 65.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 8.242 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

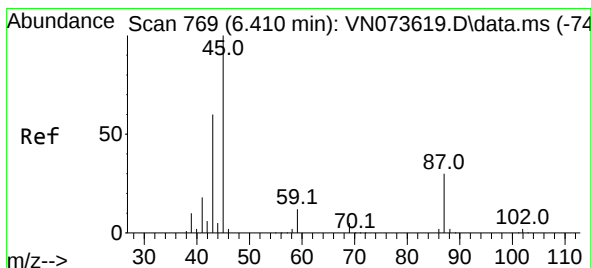
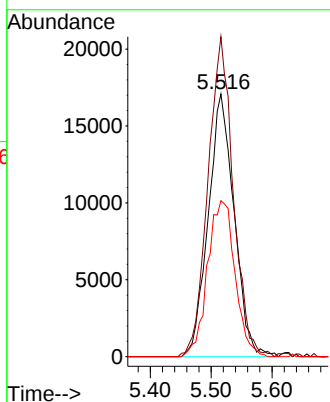
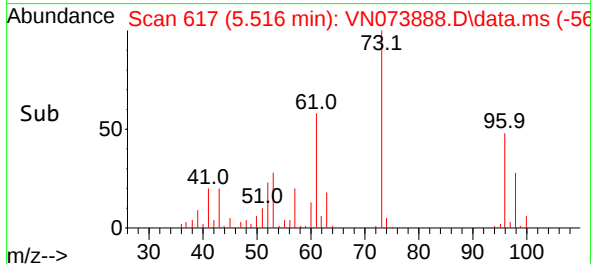
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



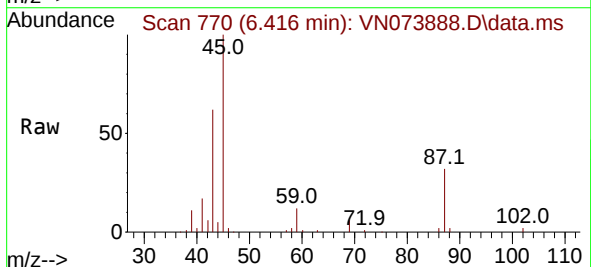
Tgt Ion: 96 Resp: 50489
Ion Ratio Lower Upper
96 100
61 121.8 105.8 158.8
98 59.4 50.3 75.5

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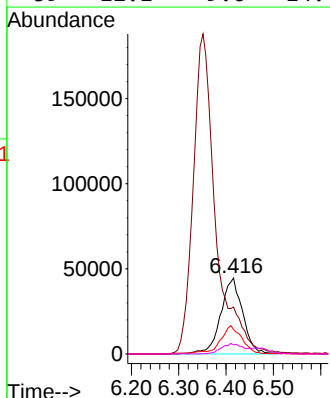
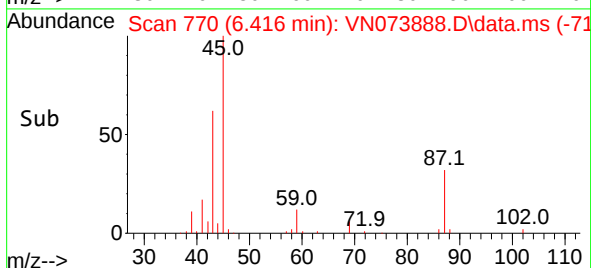
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#22
Diisopropyl ether
Concen: 7.351 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



Tgt Ion: 45 Resp: 143496
Ion Ratio Lower Upper
45 100
43 58.6 46.6 70.0
87 31.7 24.3 36.5
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 37.847 ug/l
 RT: 6.351 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN073888.D
 Acq: 15 Aug 2022 10:50

Instrument :

MSVOA_N

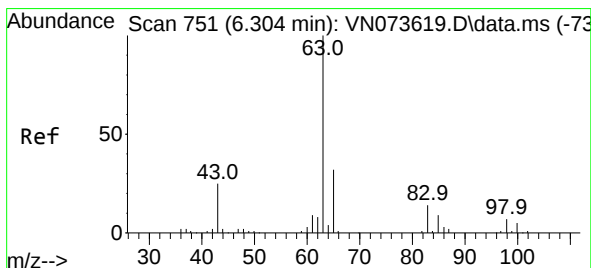
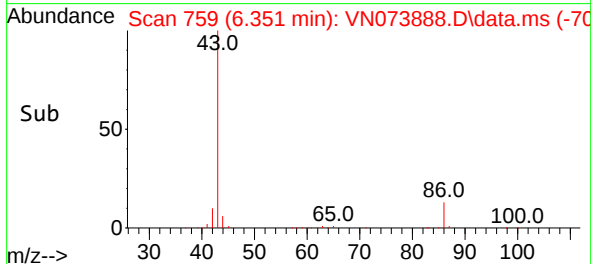
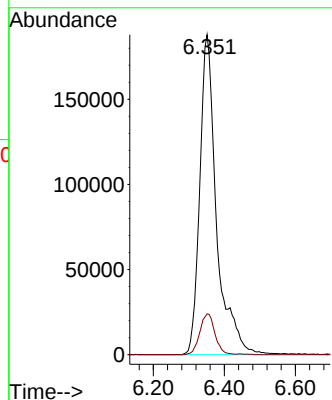
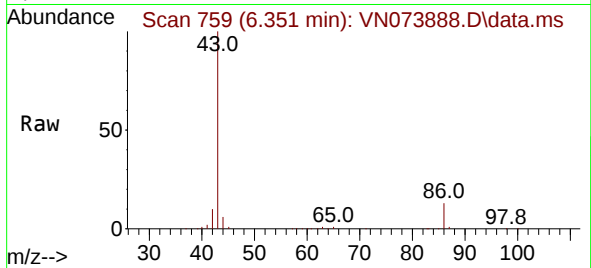
ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 61936
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.0 15.0

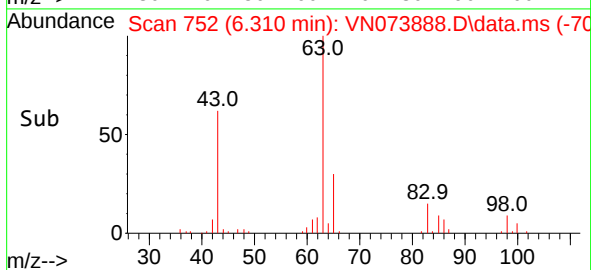
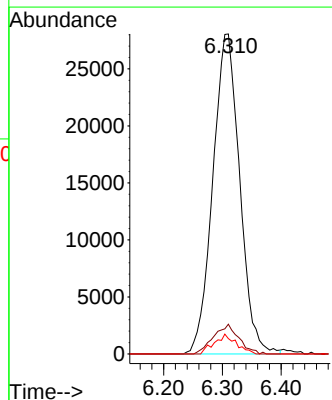
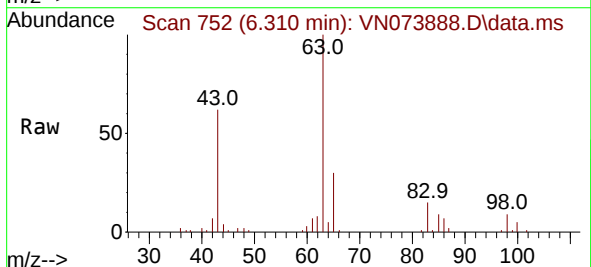
Manual Integrations
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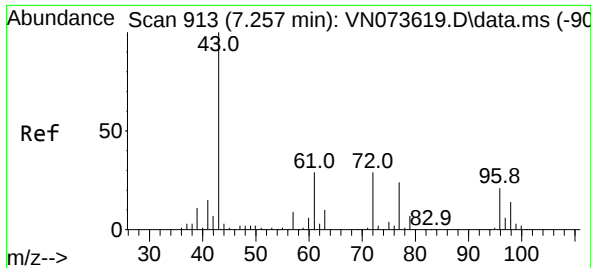
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#24
 1,1-Dichloroethane
 Concen: 7.416 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN073888.D
 Acq: 15 Aug 2022 10:50

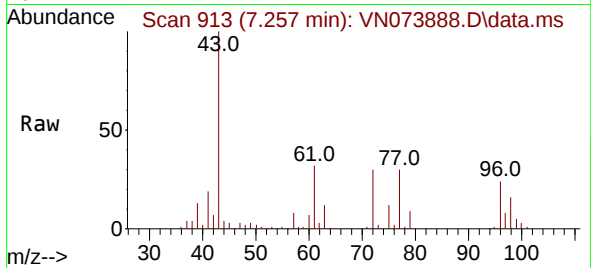
Tgt Ion: 63 Resp: 89060
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 35.384 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

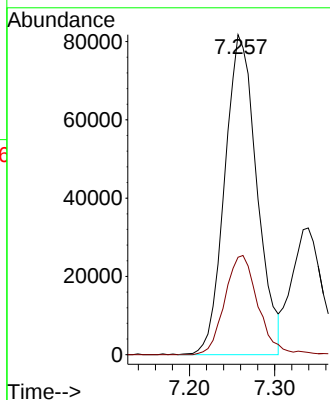
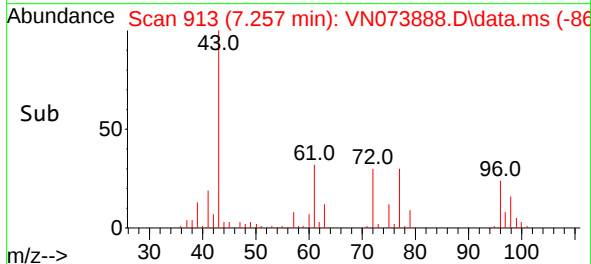
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 21453
Ion Ratio Lower Upper
43 100
72 30.5 23.7 35.5

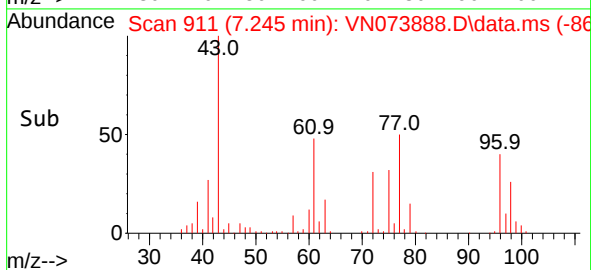
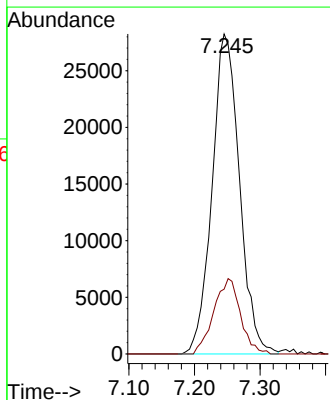
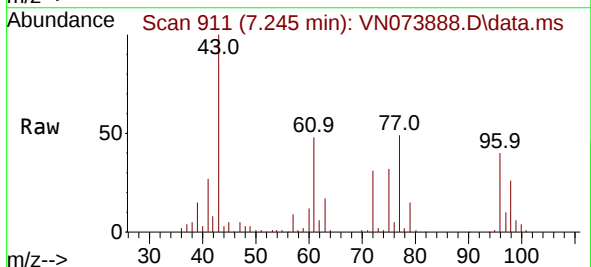
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#26
2,2-Dichloropropane
Concen: 8.859 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

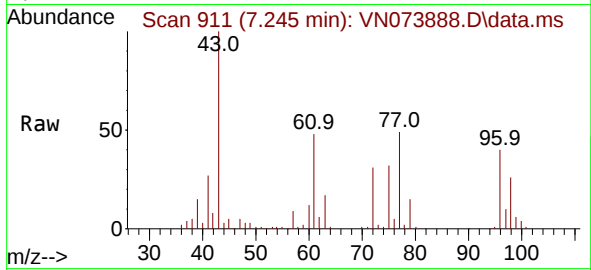
Tgt Ion: 77 Resp: 81850
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 8.209 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073888.D
 Acq: 15 Aug 2022 10:50

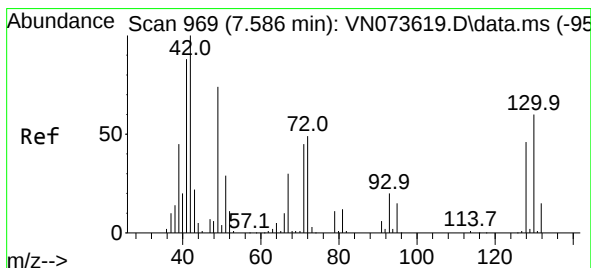
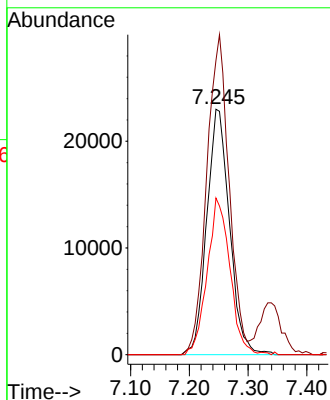
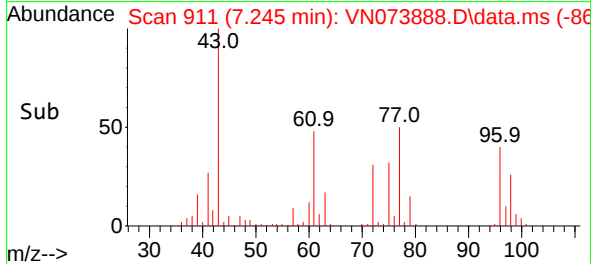
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 61950
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 280.6
 98 63.4 0.0 128.4

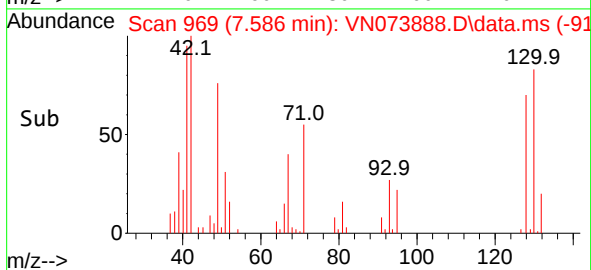
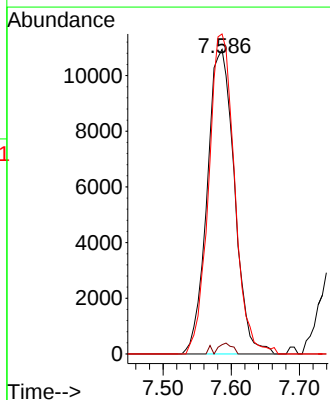
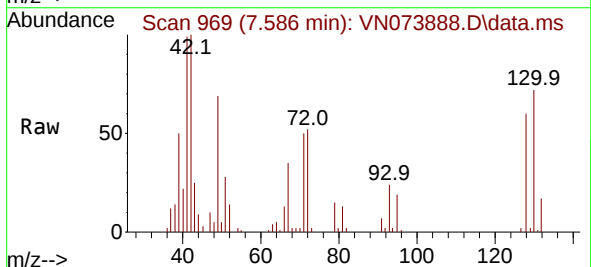
Manual Integrations
 APPROVED

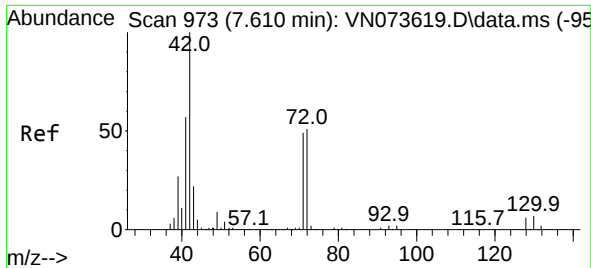
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#28
 Bromochloromethane
 Concen: 6.035 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. -0.000 min
 Lab File: VN073888.D
 Acq: 15 Aug 2022 10:50

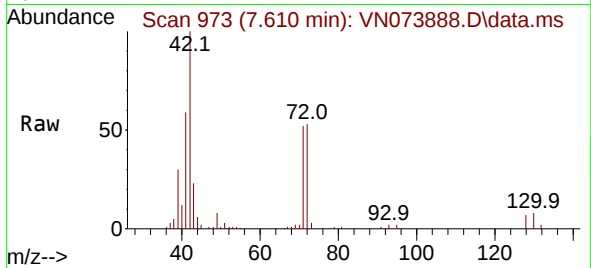
Tgt Ion: 49 Resp: 30427
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 100.0 69.7 104.5





#29
Tetrahydrofuran
Concen: 35.963 ug/l
RT: 7.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

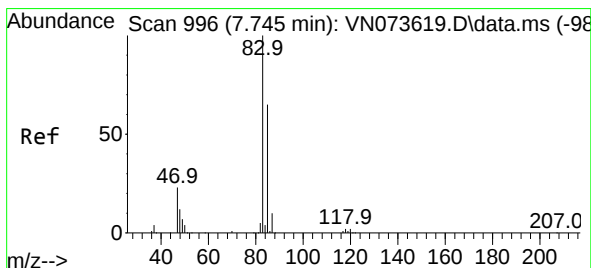
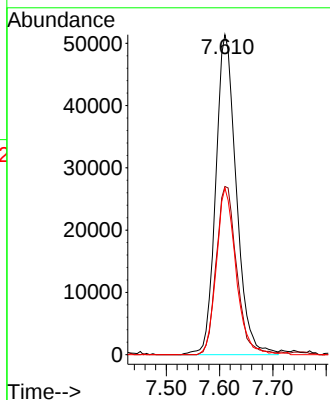
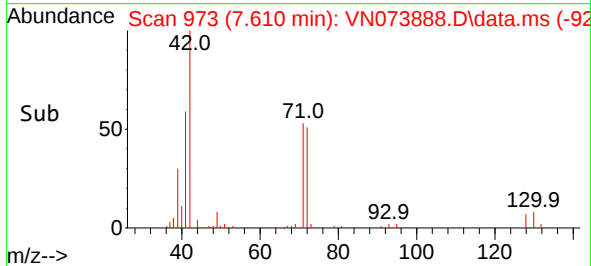
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



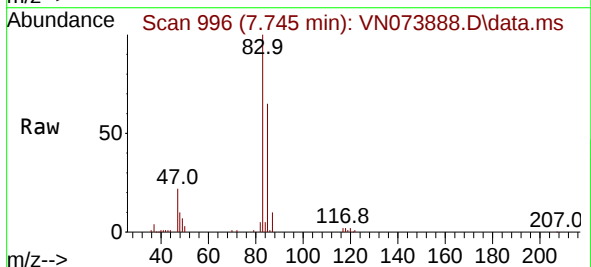
Tgt Ion: 42 Resp: 137858
Ion Ratio Lower Upper
42 100
72 52.1 39.7 59.5
71 49.6 36.6 55.0

Manual Integrations
APPROVED

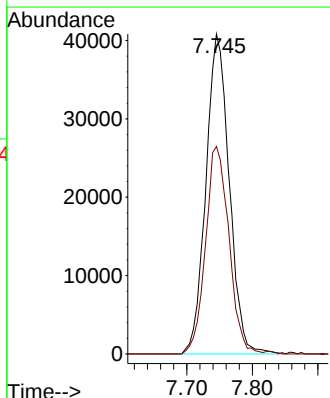
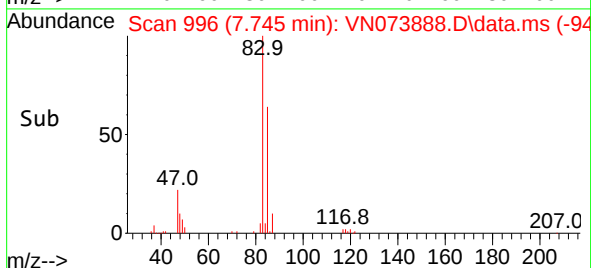
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

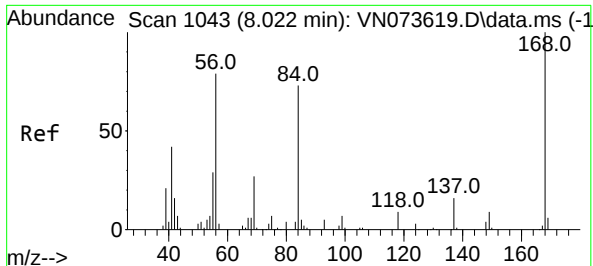


#30
Chloroform
Concen: 8.065 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



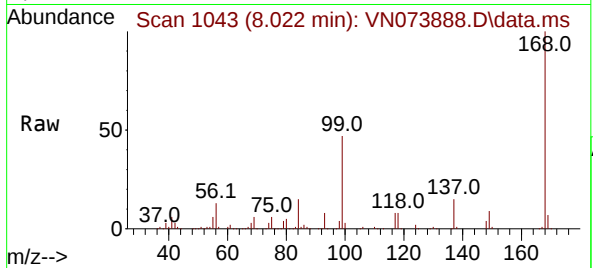
Tgt Ion: 83 Resp: 100908
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8





#31
Cyclohexane
Concen: 7.752 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

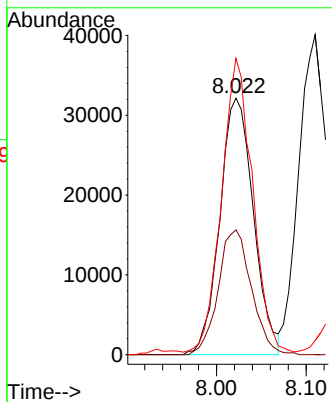
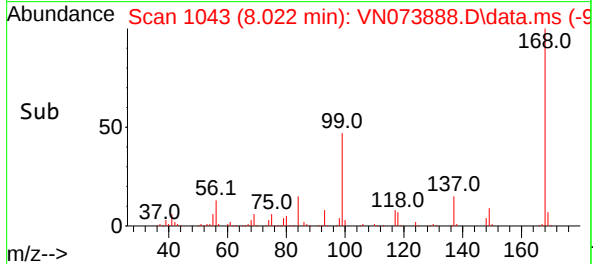
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



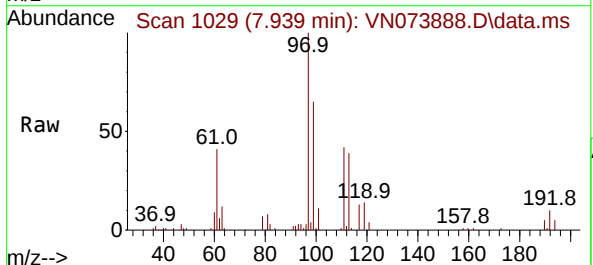
Tgt Ion: 56 Resp: 83890
Ion Ratio Lower Upper
56 100
69 48.7 27.8 41.8
84 114.1 76.9 115.3

Manual Integrations
APPROVED

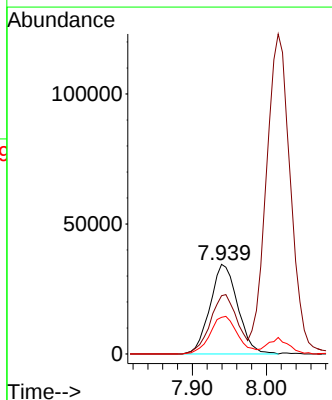
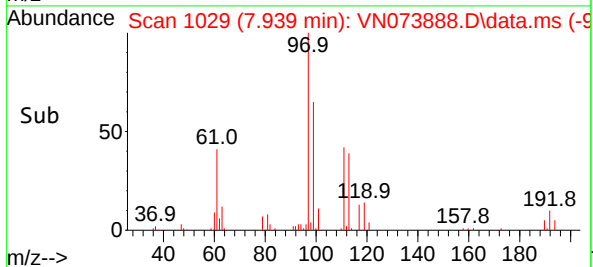
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

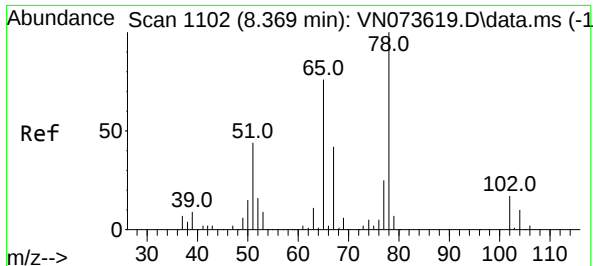


#32
1,1,1-Trichloroethane
Concen: 8.577 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



Tgt Ion: 97 Resp: 89103
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 42.0 36.0 54.0





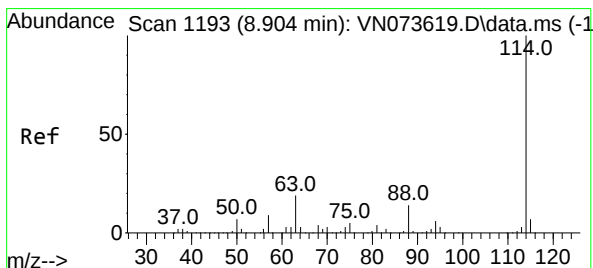
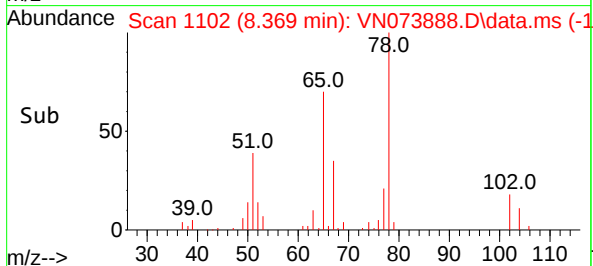
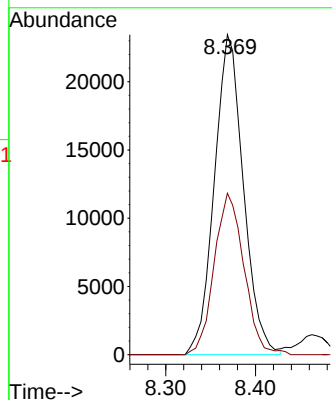
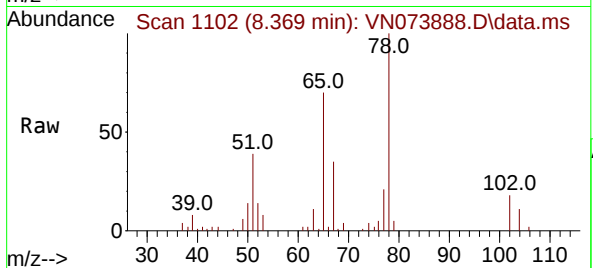
#33
1,2-Dichloroethane-d4
Concen: 7.252 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 52710
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

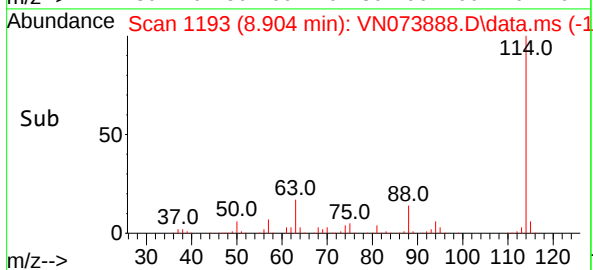
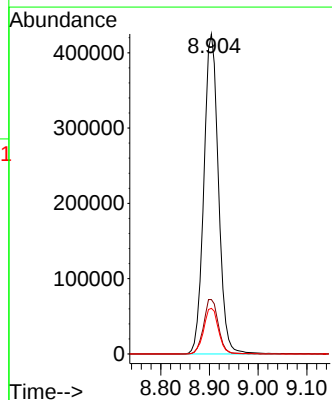
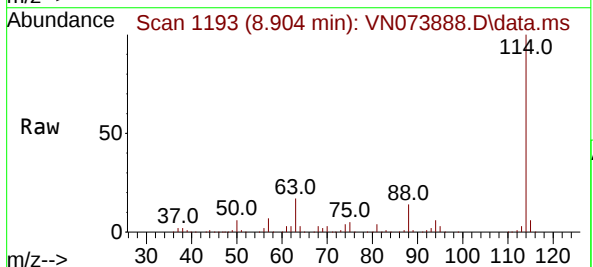
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion:114 Resp: 883682
Ion Ratio Lower Upper
114 100
63 17.0 0.0 40.0
88 14.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 8.393 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073888.D

Acq: 15 Aug 2022 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

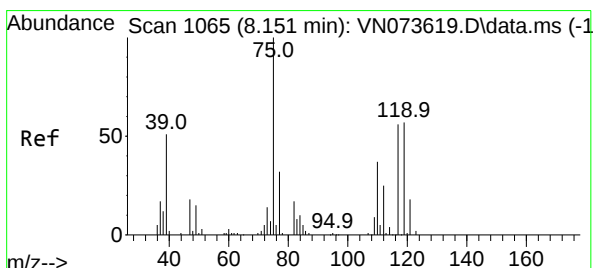
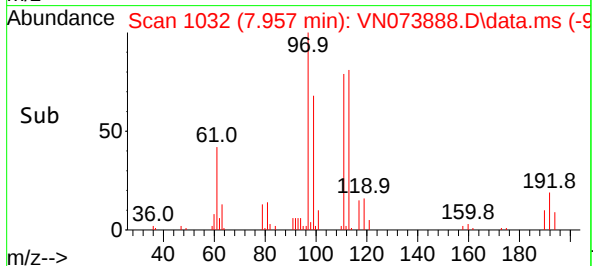
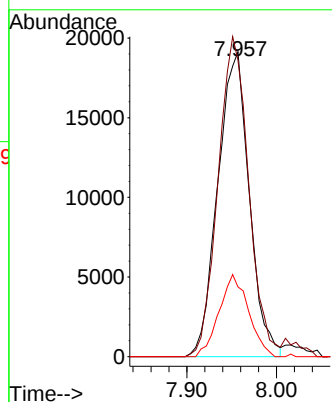
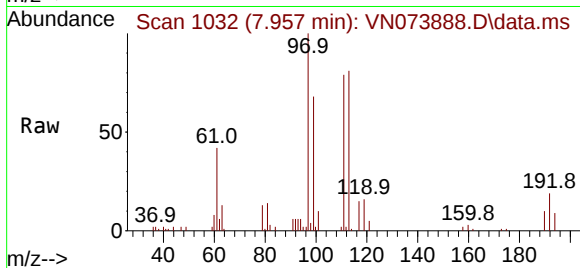
Tgt Ion:	113	Resp:	4657
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	25.2	17.0	25.6

Manual Integrations

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Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#36

1,1-Dichloropropene

Concen: 8.664 ug/l

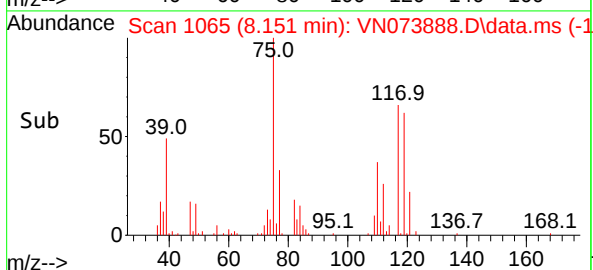
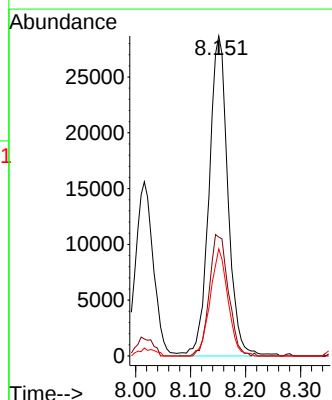
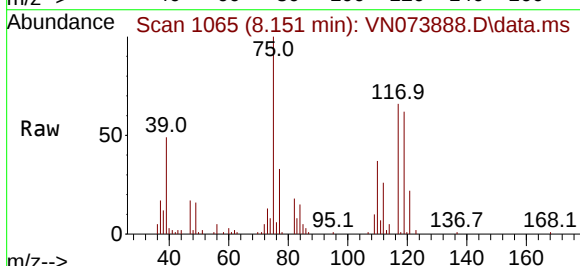
RT: 8.151 min Scan# 1065

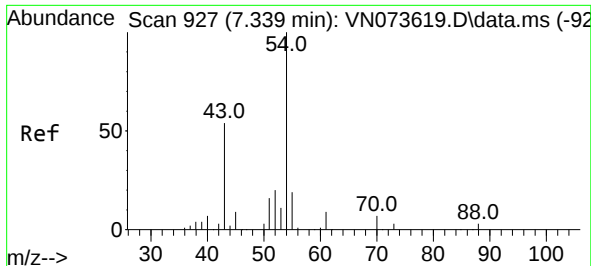
Delta R.T. -0.000 min

Lab File: VN073888.D

Acq: 15 Aug 2022 10:50

Tgt Ion:	75	Resp:	68521
Ion Ratio	Lower	Upper	
75	100		
110	38.3	18.3	54.8
77	31.4	25.1	37.7





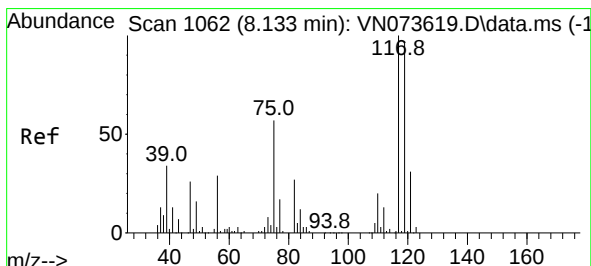
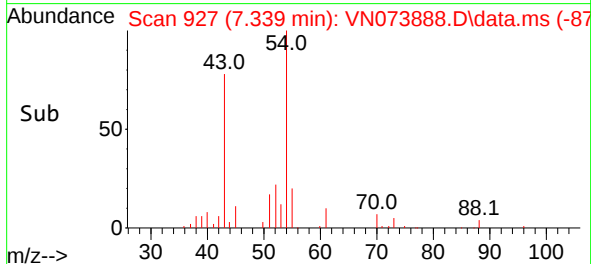
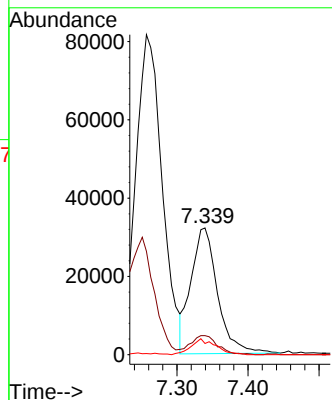
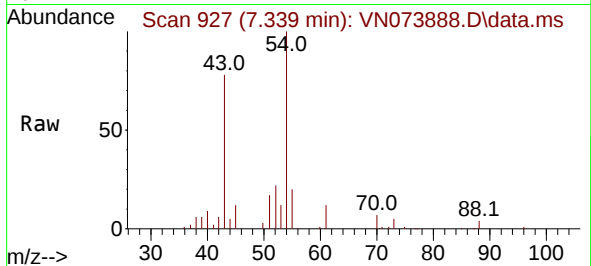
#37
Ethyl Acetate
Concen: 8.060 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 8394
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 11.6 9.3 13.9

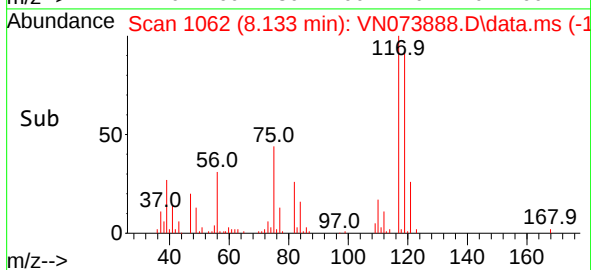
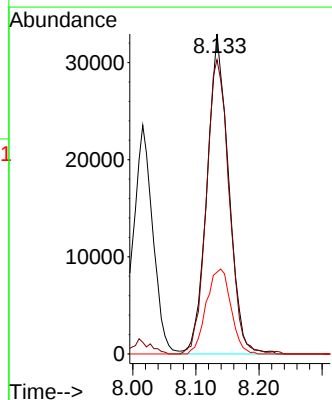
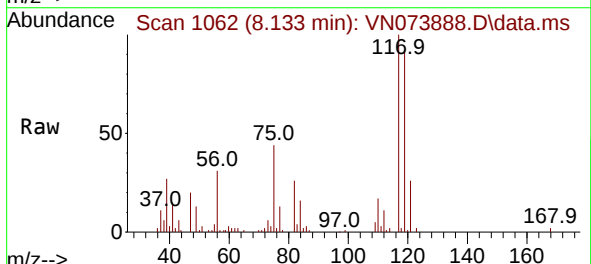
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#38
Carbon Tetrachloride
Concen: 9.773 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion:117 Resp: 78503
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.8
121 25.5 24.6 37.0





#39

Methylcyclohexane

Concen: 8.740 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073888.D

Acq: 15 Aug 2022 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 8260

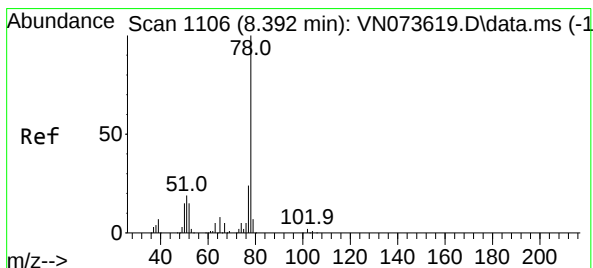
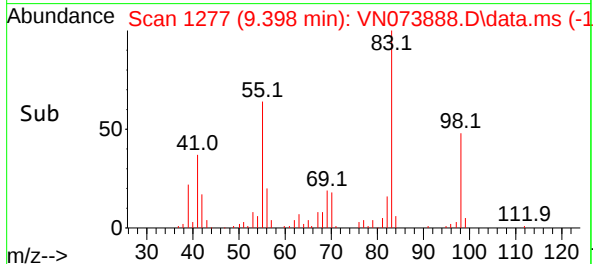
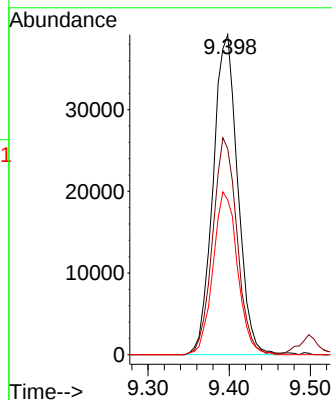
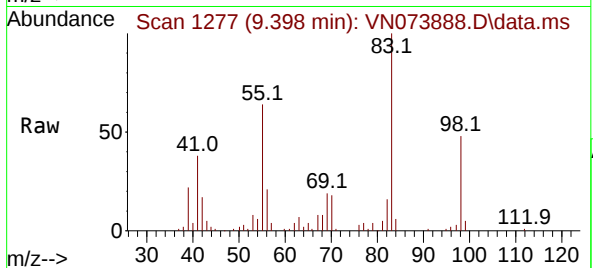
Ion	Ratio	Lower	Upper
83	100		
55	64.4	57.8	86.8
98	48.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#40

Benzene

Concen: 8.526 ug/l

RT: 8.392 min Scan# 1106

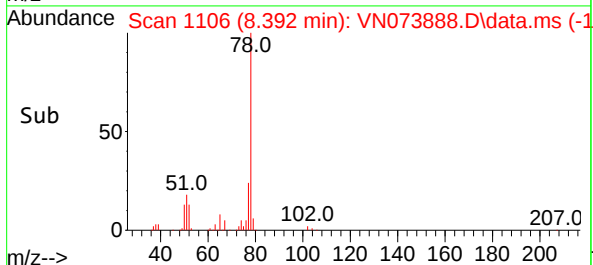
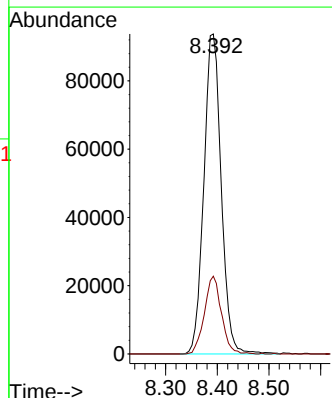
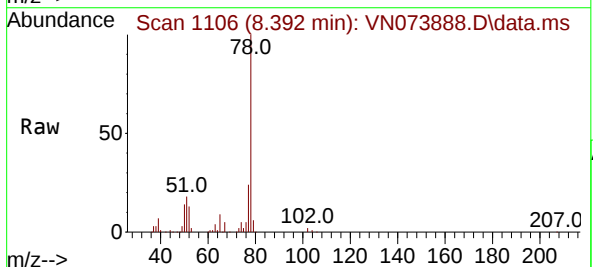
Delta R.T. -0.000 min

Lab File: VN073888.D

Acq: 15 Aug 2022 10:50

Tgt Ion: 78 Resp: 218955

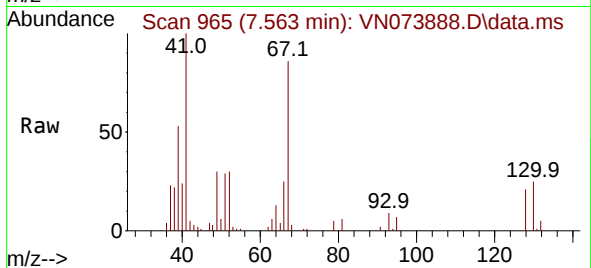
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#41
Methacrylonitrile
Concen: 8.366 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

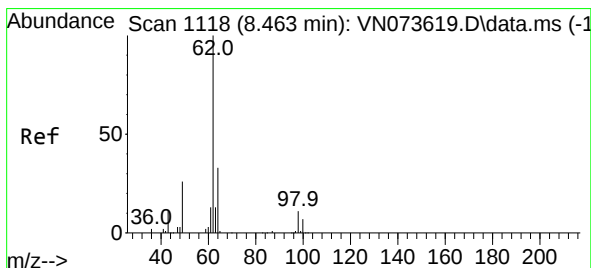
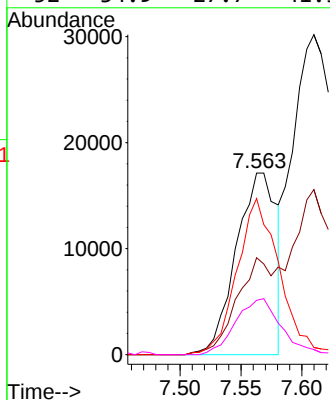
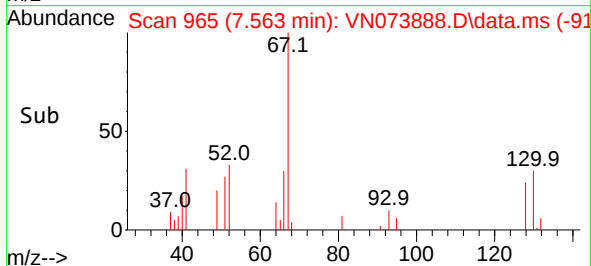
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



Tgt Ion:	41	Resp:	39430
Ion Ratio	100	Lower	Upper
39	44.9	48.6	73.0
67	90.8	73.4	110.2
52	34.9	27.7	41.5

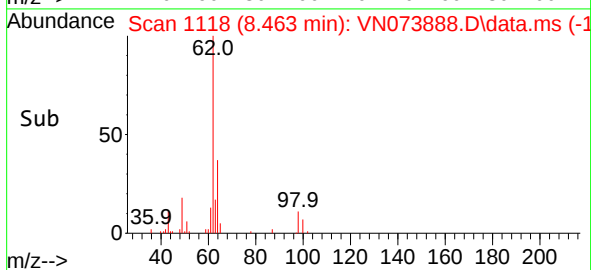
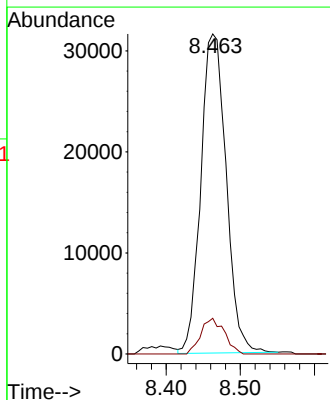
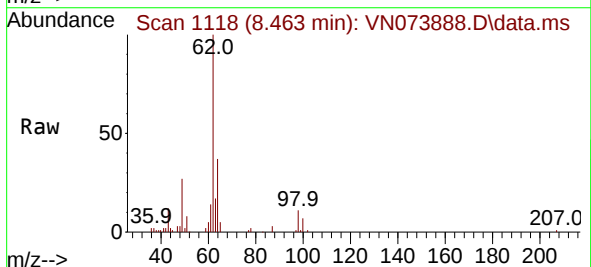
Manual Integrations
APPROVED

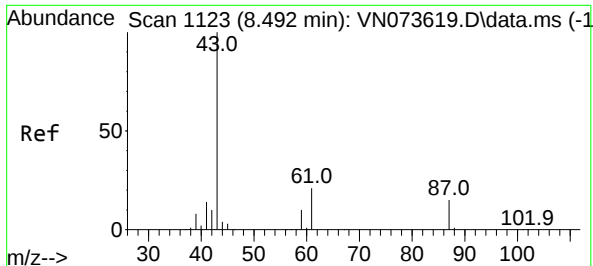
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#42
1,2-Dichloroethane
Concen: 8.687 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

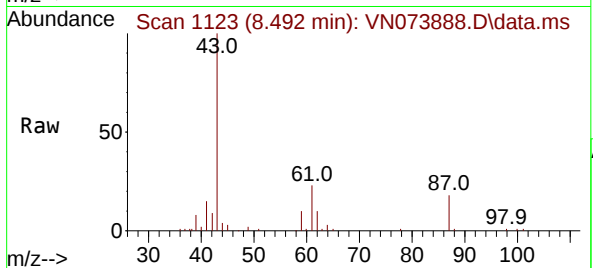
Tgt Ion:	62	Resp:	75187
Ion Ratio	100	Lower	Upper
98	10.4	0.0	19.4





#43
Isopropyl Acetate
Concen: 8.491 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

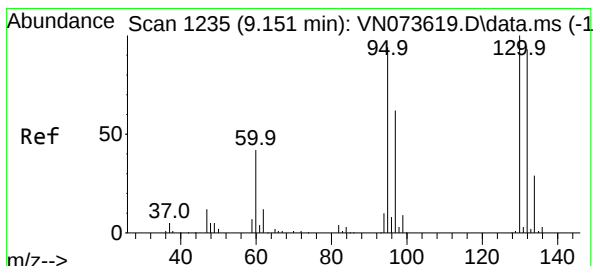
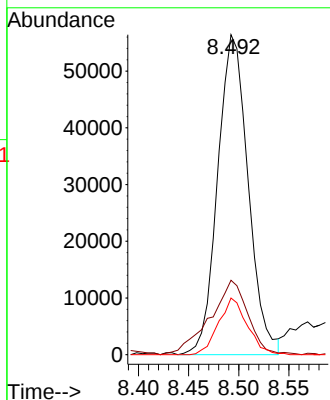
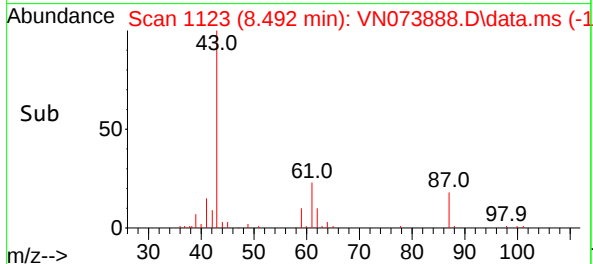
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



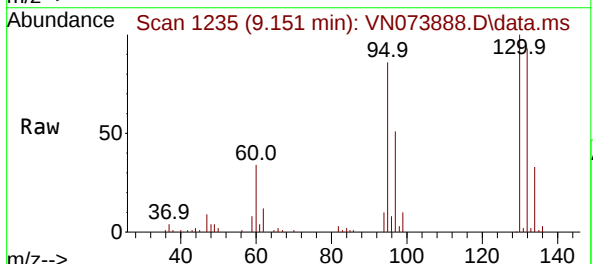
Tgt Ion: 43 Resp: 119440
Ion Ratio Lower Upper
43 100
61 28.8 21.9 32.9
87 16.7 12.0 18.0

Manual Integrations
APPROVED

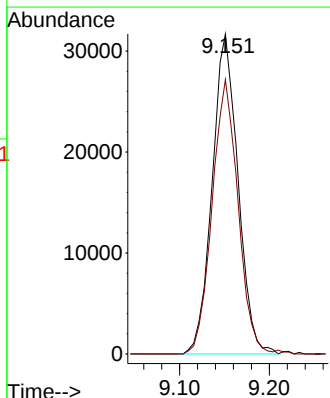
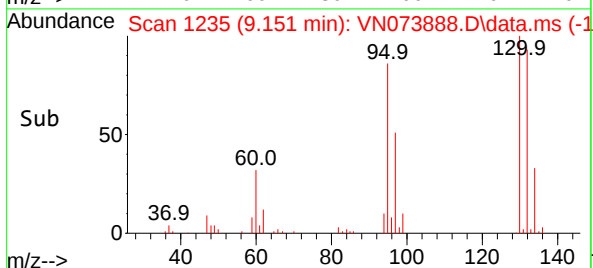
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

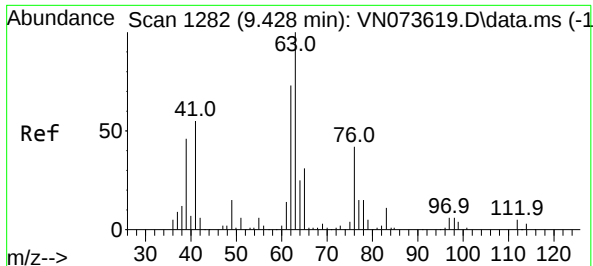


#44
Trichloroethene
Concen: 9.710 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



Tgt Ion:130 Resp: 63235
Ion Ratio Lower Upper
130 100
95 85.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 8.171 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073888.D

Acq: 15 Aug 2022 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 52450

Ion Ratio Lower Upper

63 100

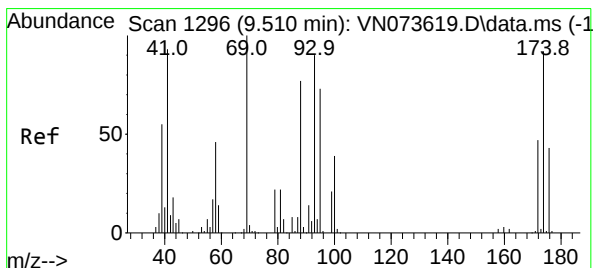
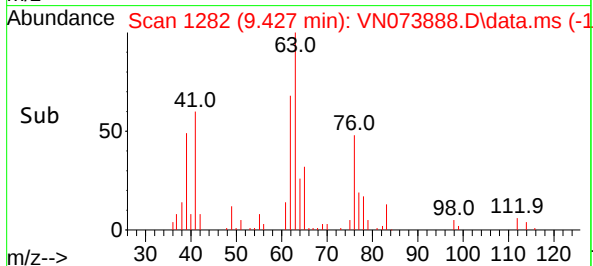
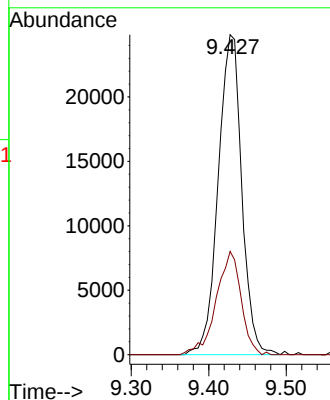
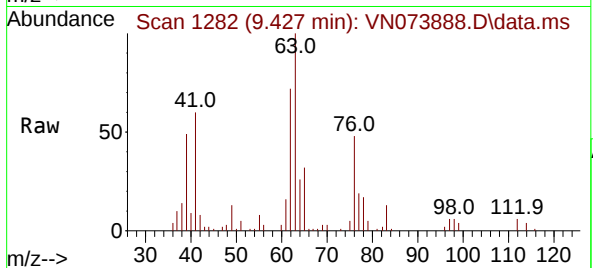
65 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#46

Dibromomethane

Concen: 8.902 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073888.D

Acq: 15 Aug 2022 10:50

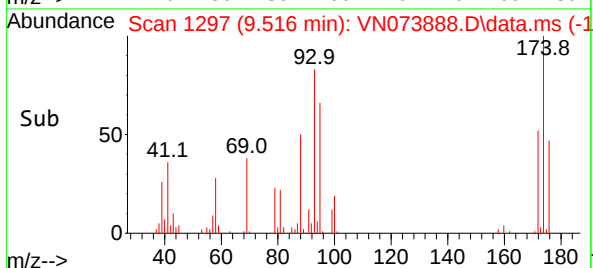
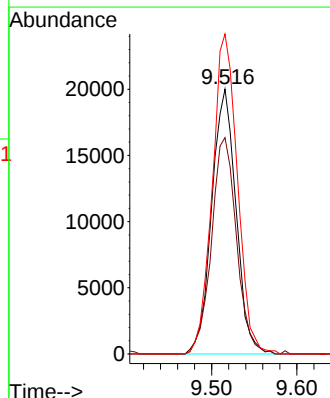
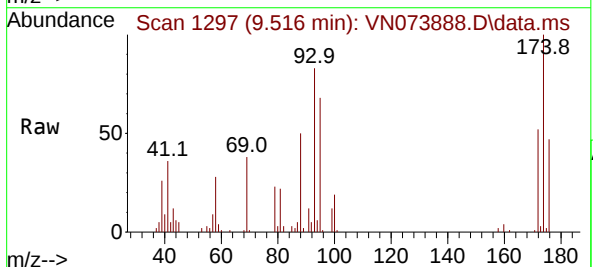
Tgt Ion: 93 Resp: 39662

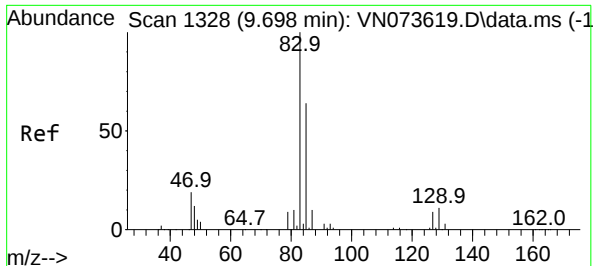
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

174 124.6 86.6 130.0





#47

Bromodichloromethane

Concen: 8.696 ug/l

RT: 9.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073888.D

Acq: 15 Aug 2022 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

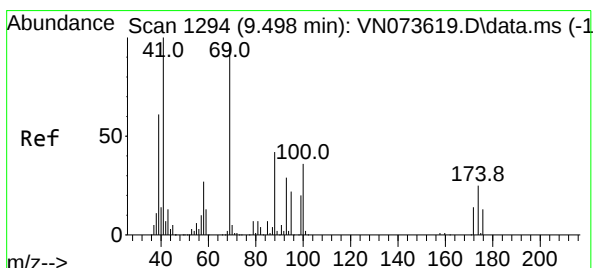
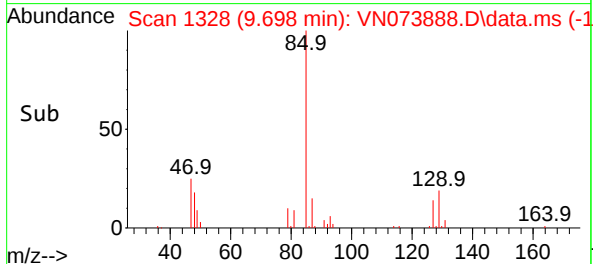
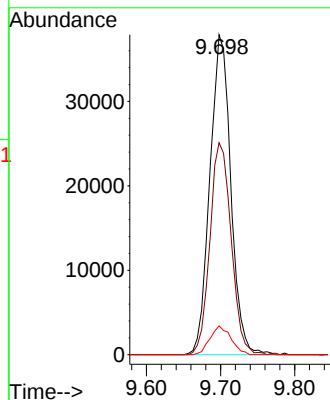
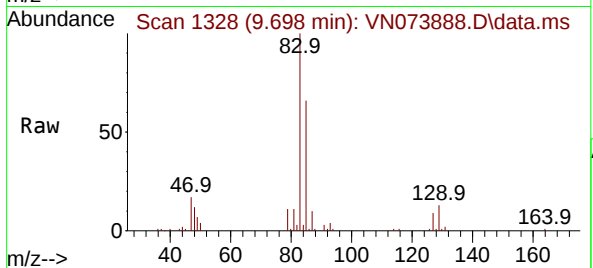
Tgt Ion:	83	Resp:	7435
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.5	75.7
127	9.0	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#48

Methyl methacrylate

Concen: 8.167 ug/l

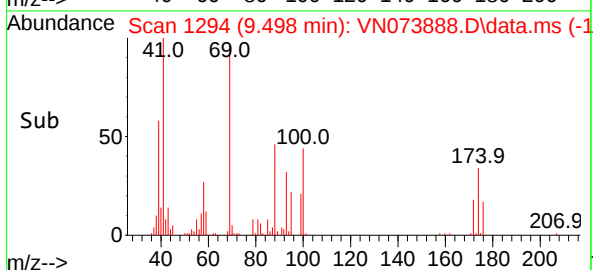
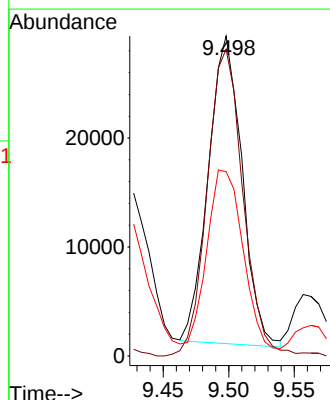
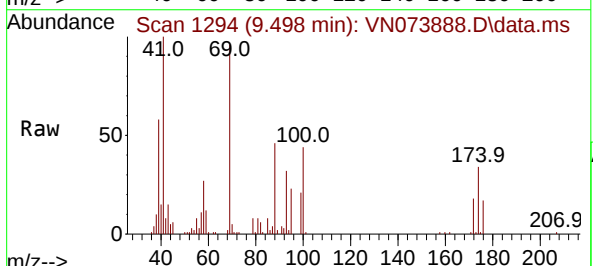
RT: 9.498 min Scan# 1294

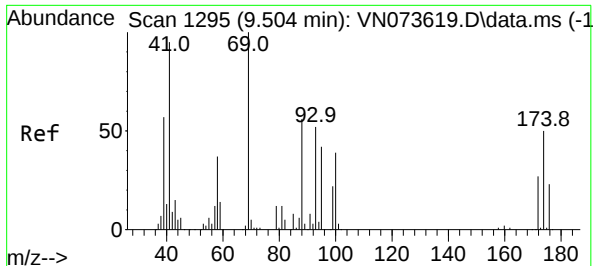
Delta R.T. -0.000 min

Lab File: VN073888.D

Acq: 15 Aug 2022 10:50

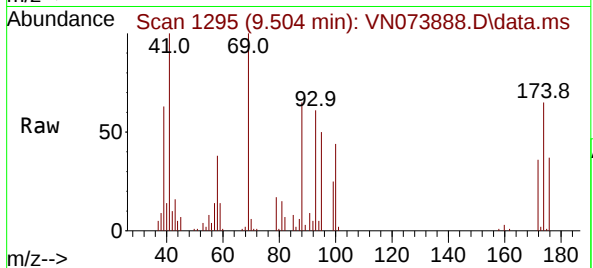
Tgt Ion:	41	Resp:	50293
Ion	Ratio	Lower	Upper
41	100		
69	106.4	74.7	112.1
39	67.7	45.6	68.4





#49
1,4-Dioxane
Concen: 185.242 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

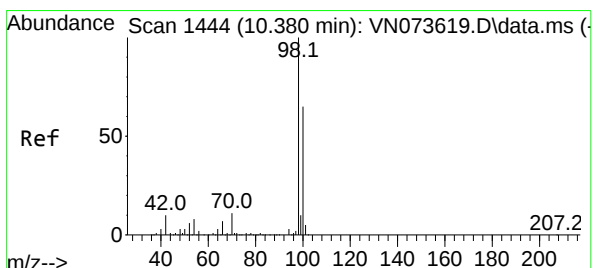
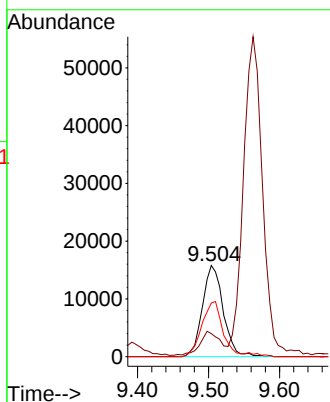
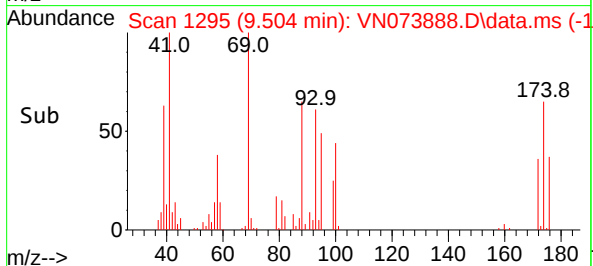
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



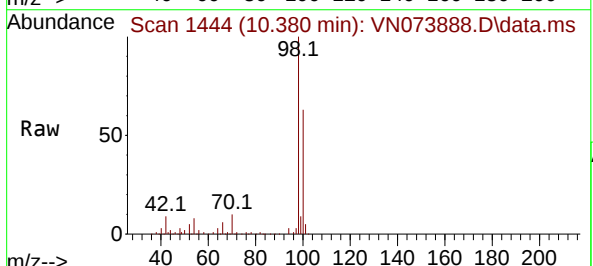
Tgt Ion: 88 Resp: 3215
Ion Ratio Lower Upper
88 100
43 25.4 20.2 30.4
58 60.7 54.2 81.4

Manual Integrations
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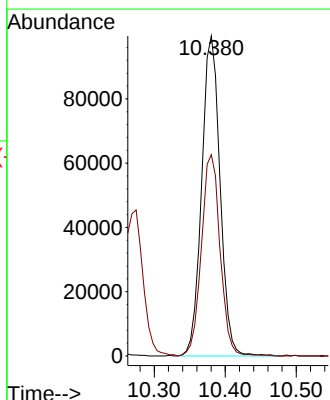
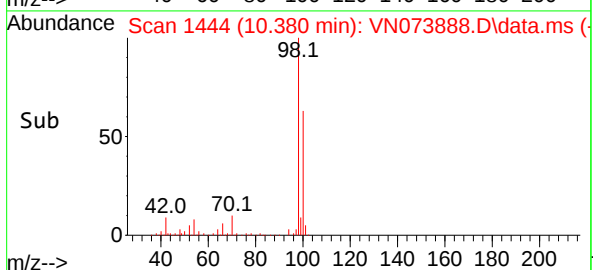
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

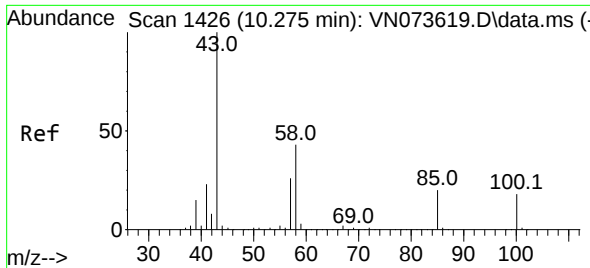


#50
Toluene-d8
Concen: 8.223 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



Tgt Ion: 98 Resp: 179565
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8





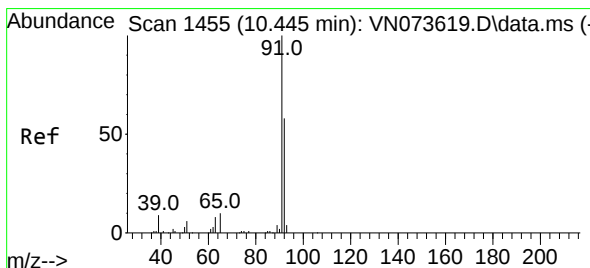
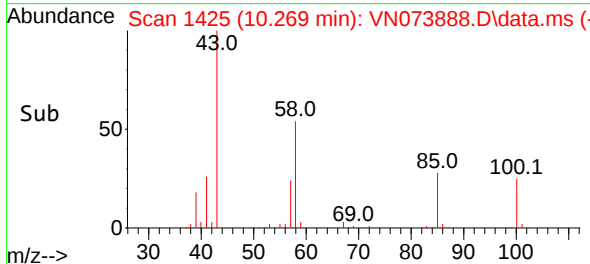
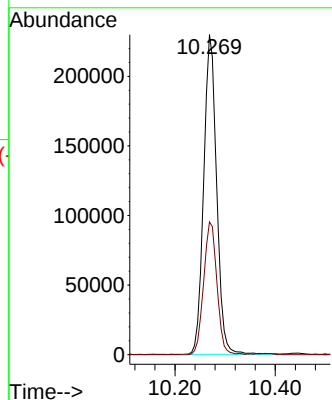
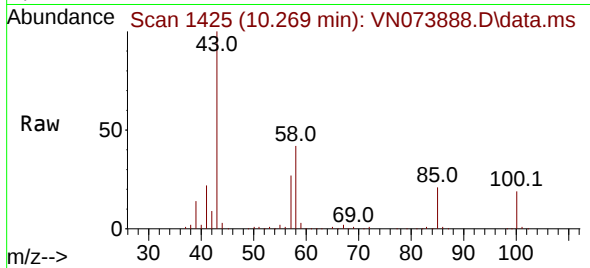
#51
4-Methyl-2-Pentanone
Concen: 40.909 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 41277
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

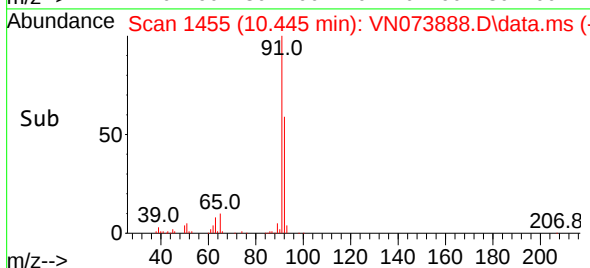
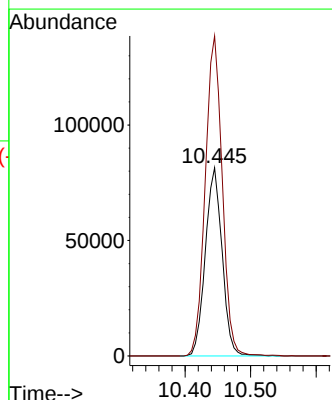
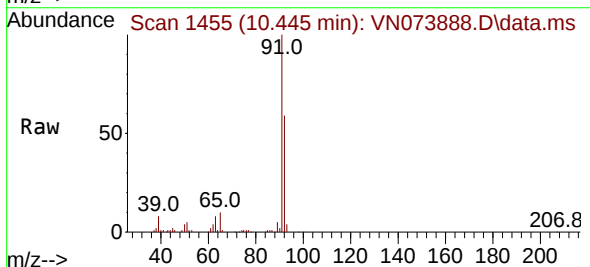
Manual Integrations
APPROVED

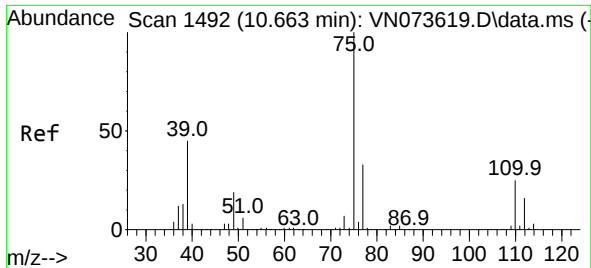
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#52
Toluene
Concen: 9.264 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion: 92 Resp: 145315
Ion Ratio Lower Upper
92 100
91 172.1 138.6 207.8





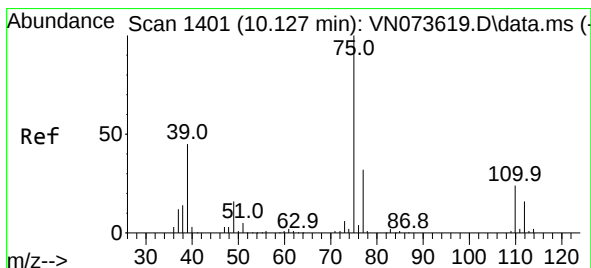
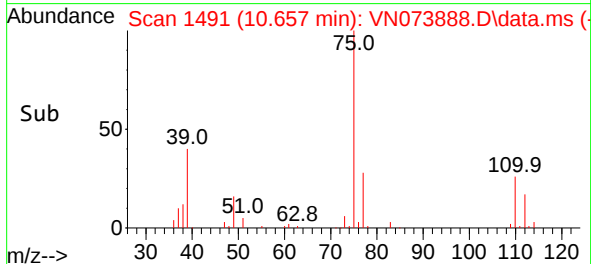
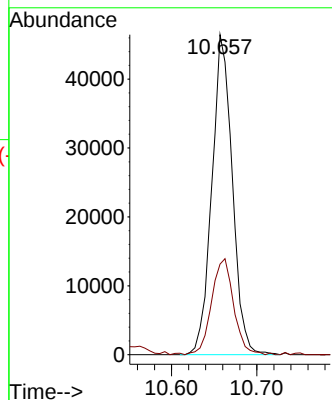
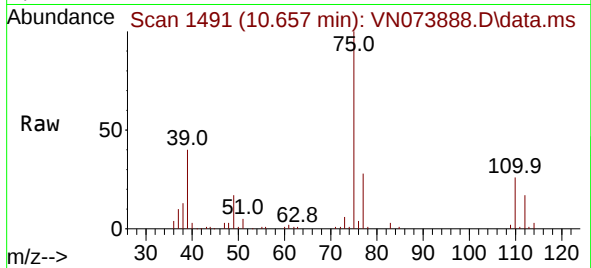
#53
 t-1,3-Dichloropropene
 Concen: 9.172 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN073888.D
 Acq: 15 Aug 2022 10:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 7748
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.6 38.4

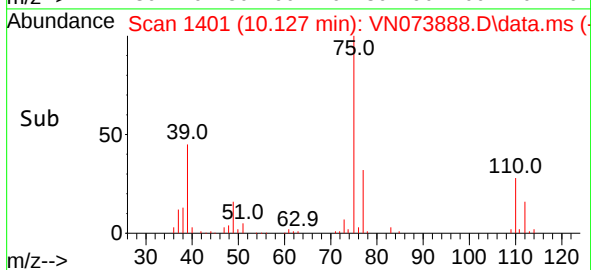
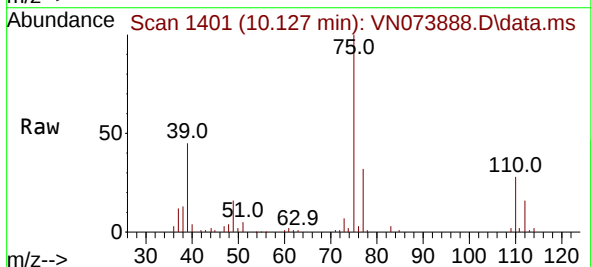
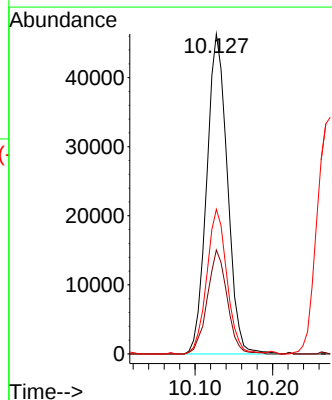
Manual Integrations
 APPROVED

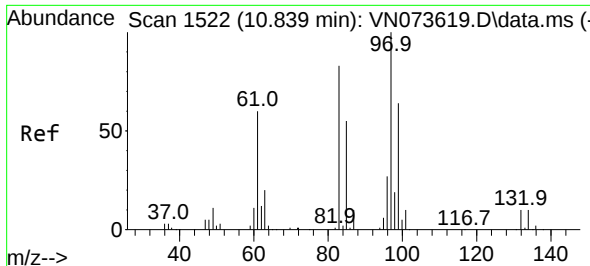
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#54
 cis-1,3-Dichloropropene
 Concen: 9.009 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN073888.D
 Acq: 15 Aug 2022 10:50

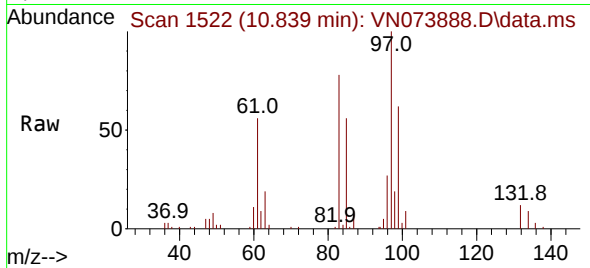
Tgt Ion: 75 Resp: 85758
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.2 37.8
 39 45.2 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 9.052 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

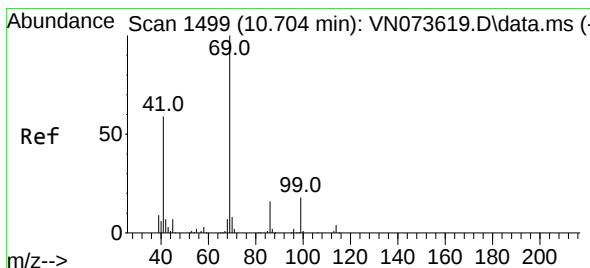
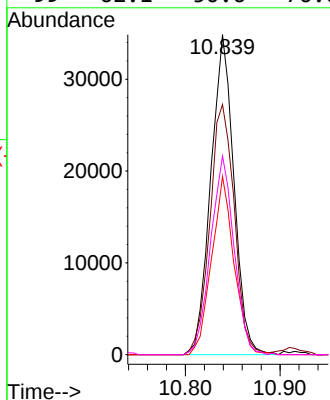
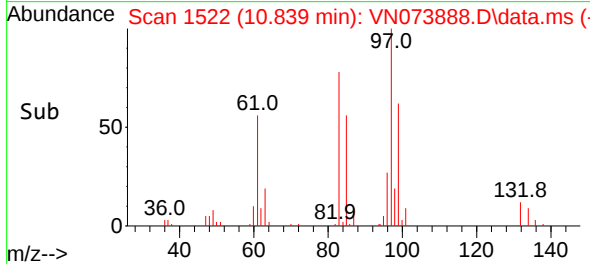
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



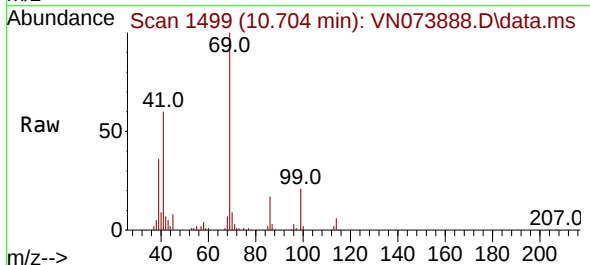
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.2	66.2	99.4
85	55.7	43.9	65.9
99	62.1	50.6	76.0

Manual Integrations
APPROVED

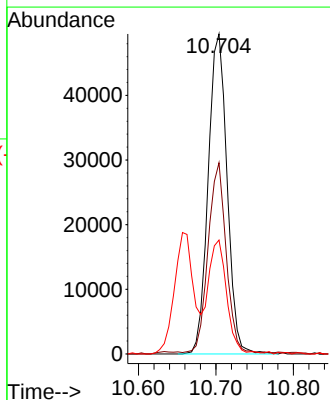
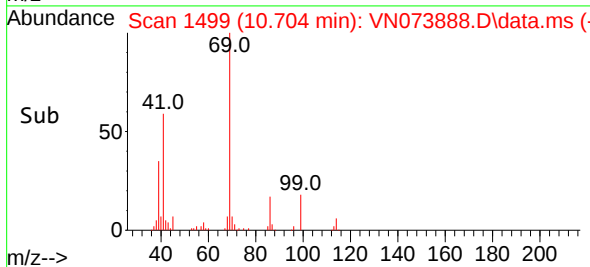
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#56
Ethyl methacrylate
Concen: 9.287 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.7	47.8	71.6
39	34.1	27.3	40.9





#57

1,3-Dichloropropane

Concen: 8.533 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073888.D

Acq: 15 Aug 2022 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 94700

Ion Ratio Lower Upper

76 100

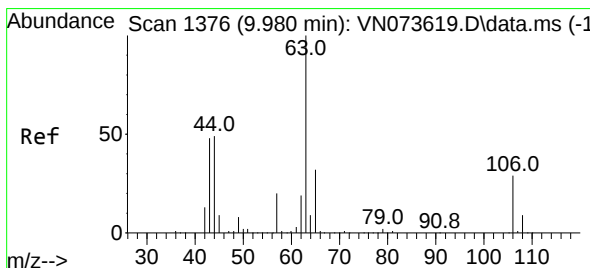
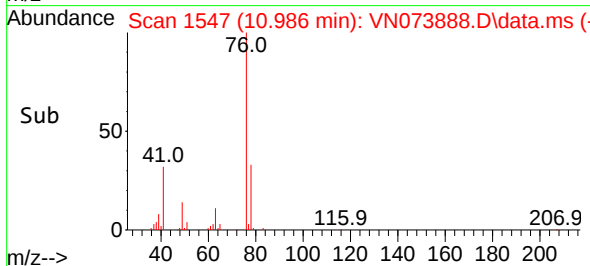
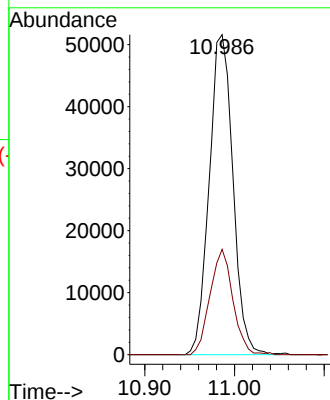
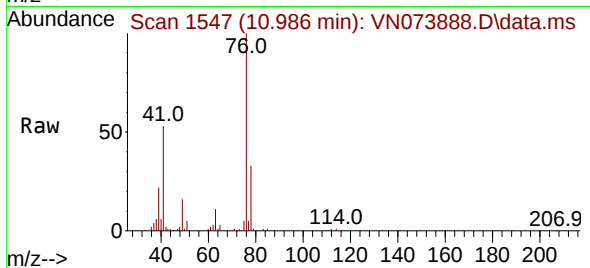
78 31.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 45.918 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073888.D

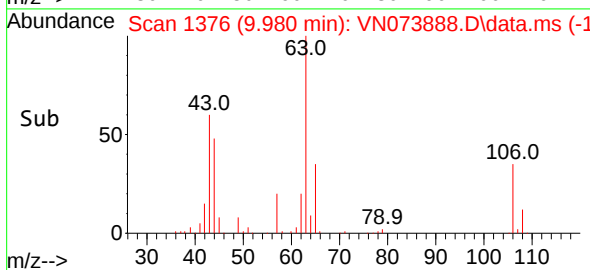
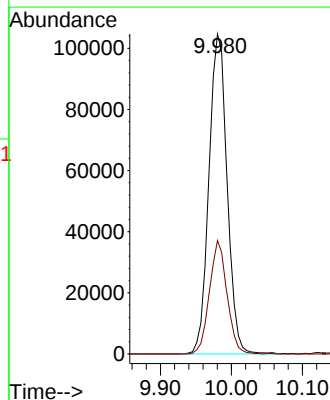
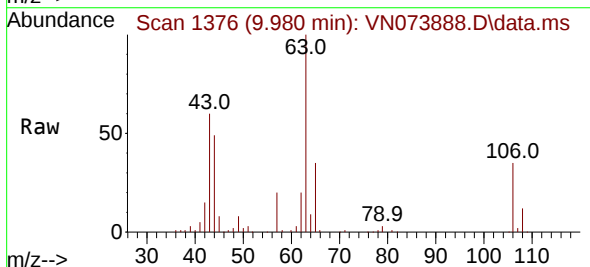
Acq: 15 Aug 2022 10:50

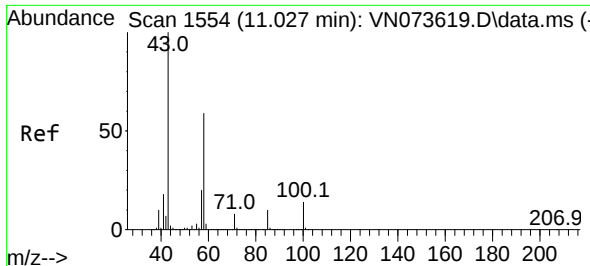
Tgt Ion: 63 Resp: 186186

Ion Ratio Lower Upper

63 100

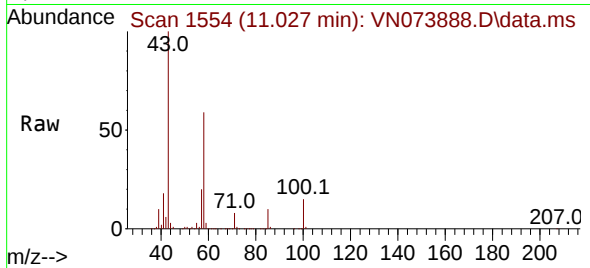
106 34.2 24.6 36.8





#59
2-Hexanone
Concen: 41.831 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

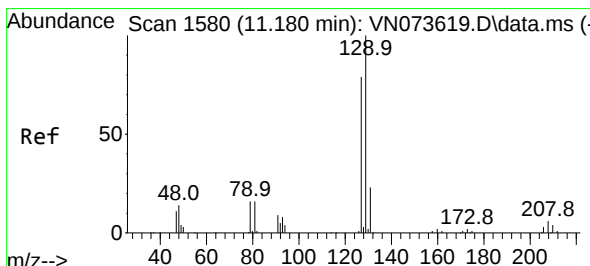
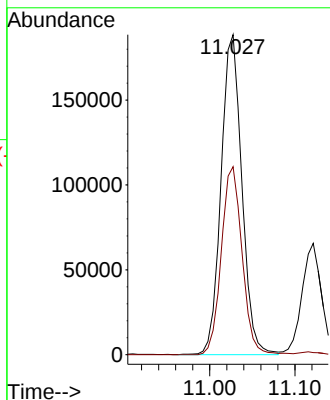
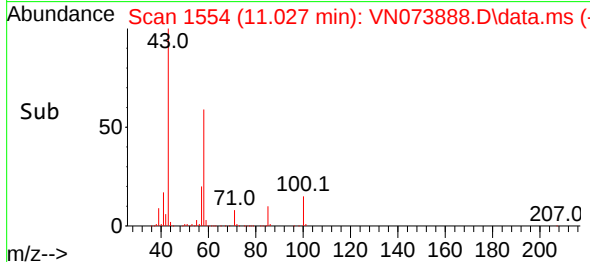
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 319780
Ion Ratio Lower Upper
43 100
58 58.6 29.7 89.1

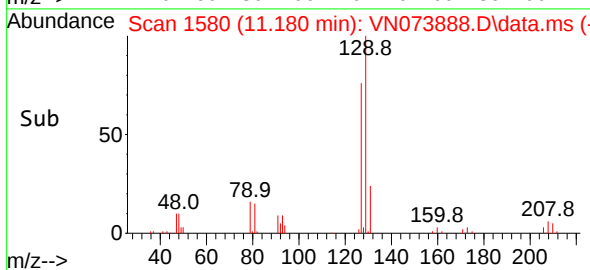
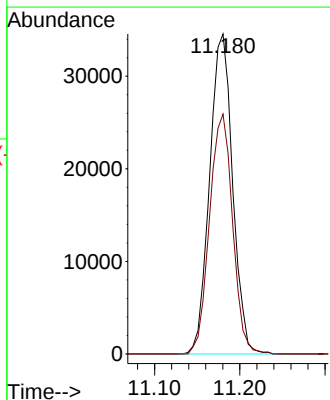
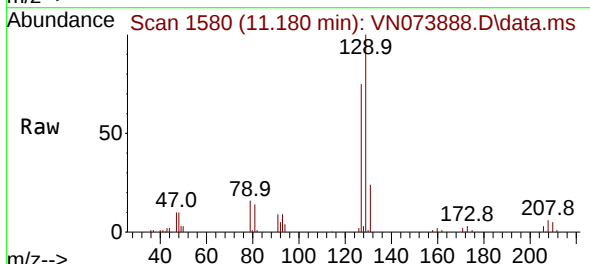
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#60
Dibromochloromethane
Concen: 9.961 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

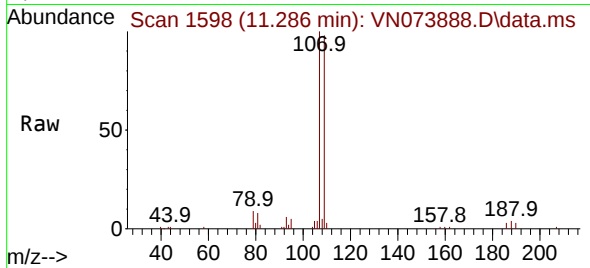
Tgt Ion:129 Resp: 64821
Ion Ratio Lower Upper
129 100
127 75.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 9.113 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

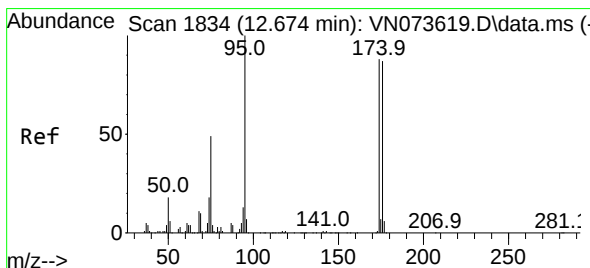
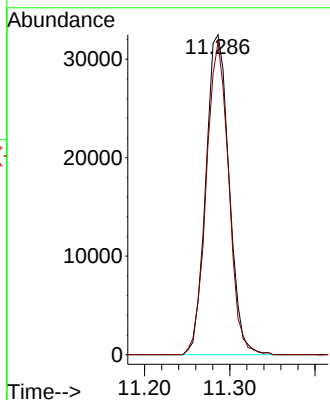
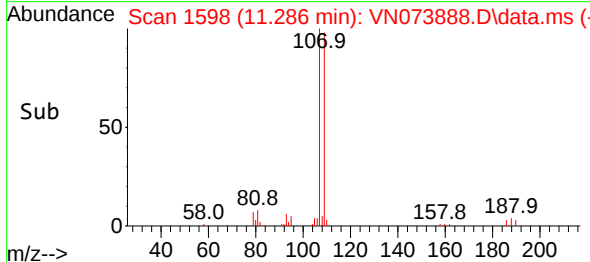
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



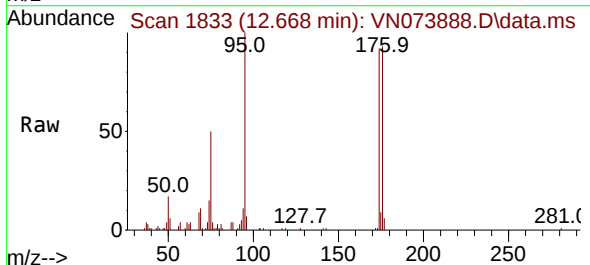
Tgt Ion:107 Resp: 61390
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

Manual Integrations
APPROVED

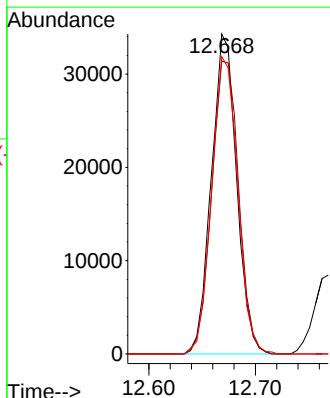
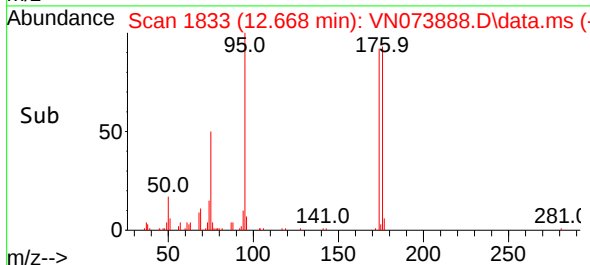
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

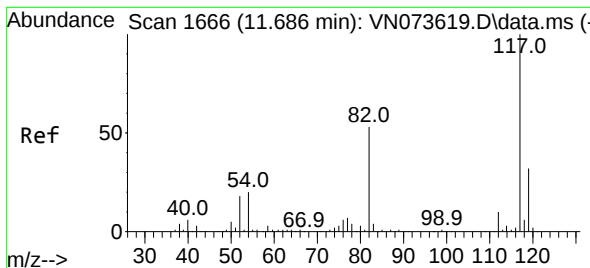


#62
4-Bromofluorobenzene
Concen: 8.362 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



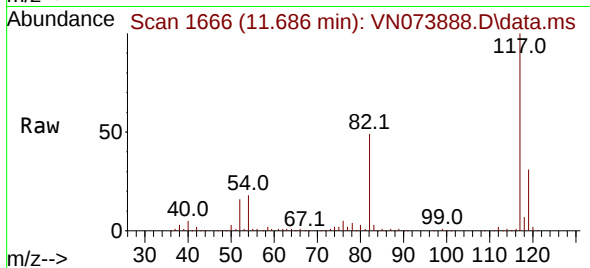
Tgt Ion: 95 Resp: 56459
Ion Ratio Lower Upper
95 100
174 97.6 0.0 167.6
176 96.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

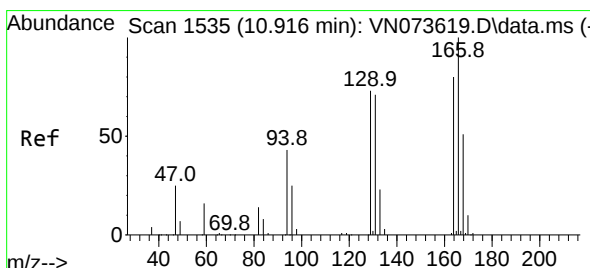
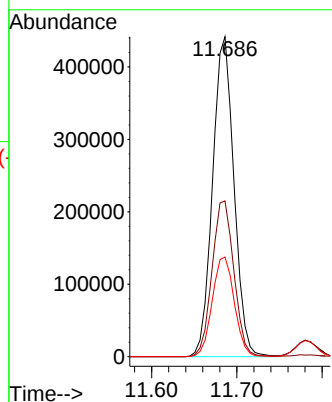
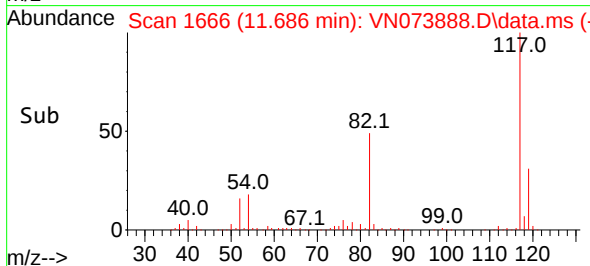
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



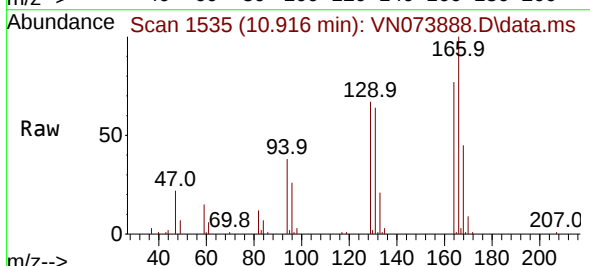
Tgt Ion:117 Resp: 770425
Ion Ratio Lower Upper
117 100
82 48.7 44.2 66.2
119 31.2 25.4 38.0

Manual Integrations
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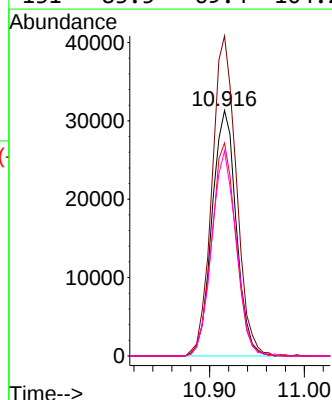
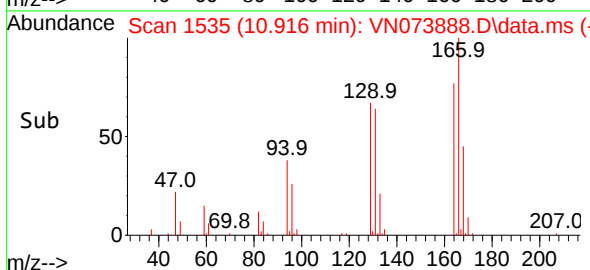
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

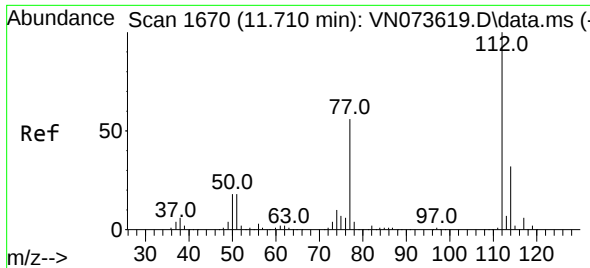


#64
Tetrachloroethene
Concen: 9.079 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



Tgt Ion:164 Resp: 55591
Ion Ratio Lower Upper
164 100
166 130.3 104.2 156.2
129 86.7 73.9 110.9
131 83.5 69.4 104.2





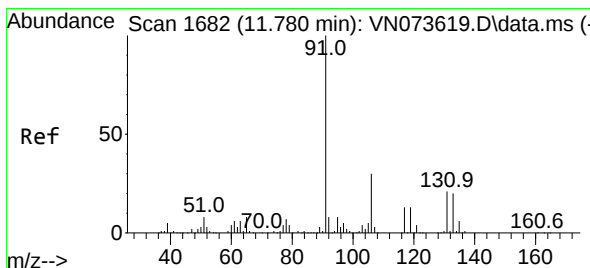
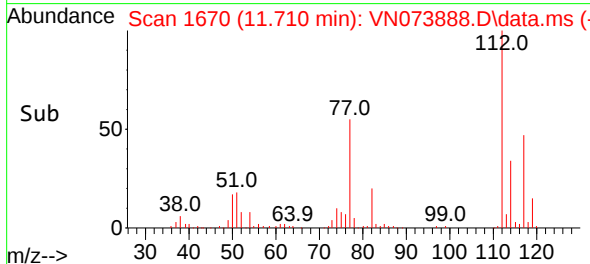
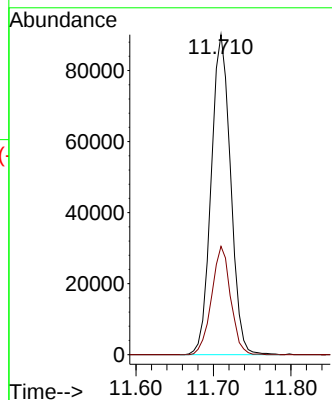
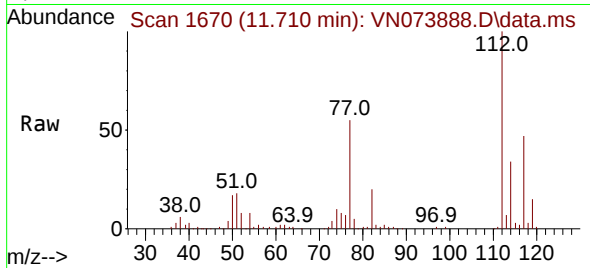
#65
Chlorobenzene
Concen: 9.576 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 156709
Ion Ratio Lower Upper
112 100
114 33.9 25.4 38.2

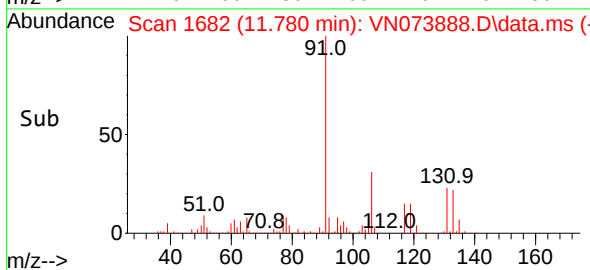
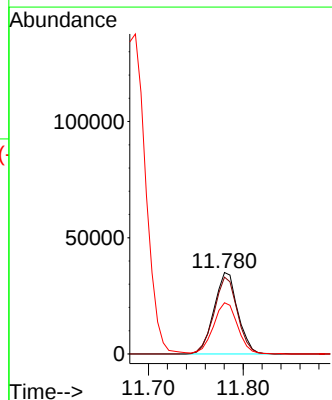
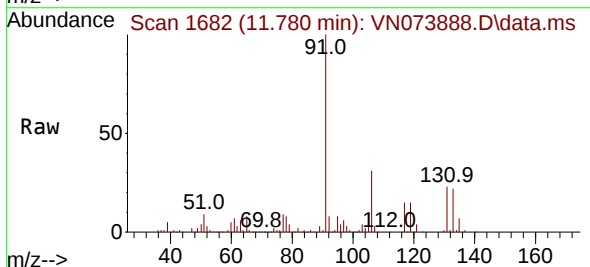
Manual Integrations
APPROVED

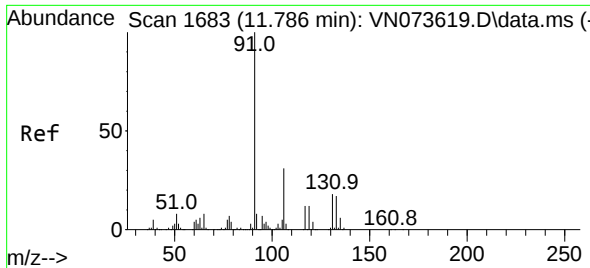
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 10.367 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion:131 Resp: 60852
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.4
119 64.3 33.4 100.2





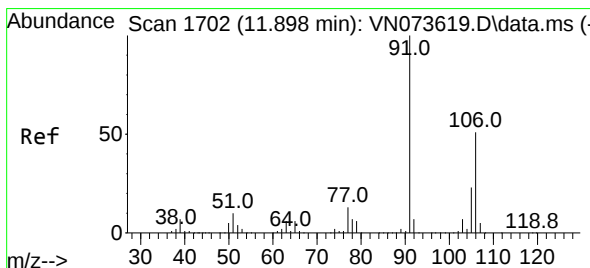
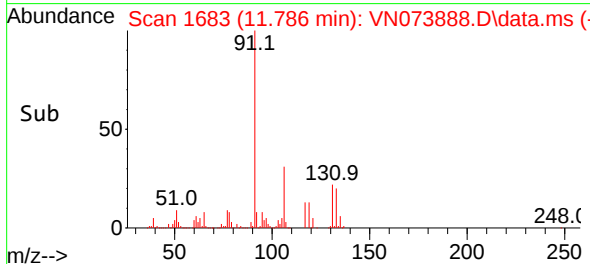
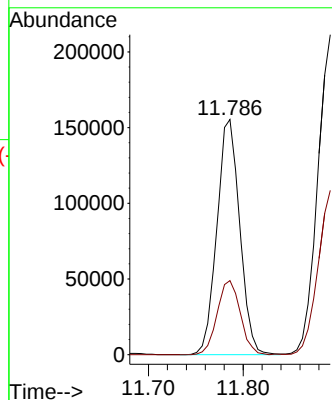
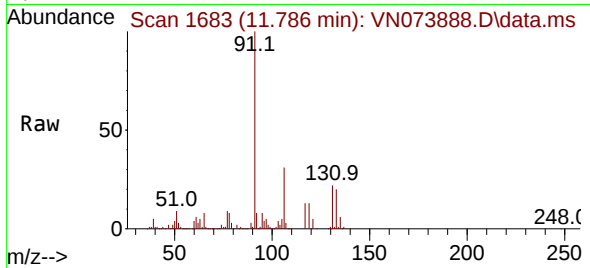
#67
Ethyl Benzene
Concen: 9.437 ug/l
RT: 11.786 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 260527
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

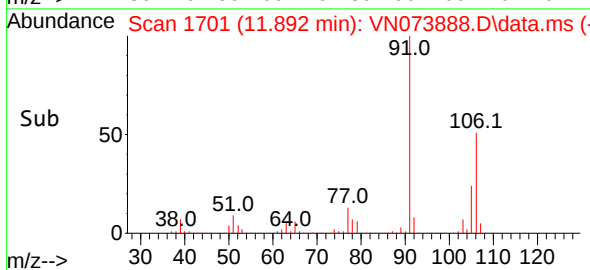
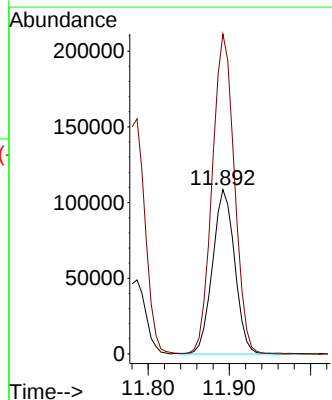
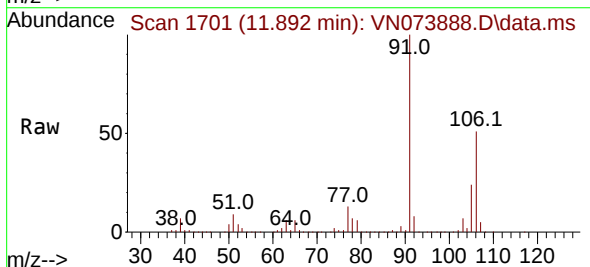
Manual Integrations
APPROVED

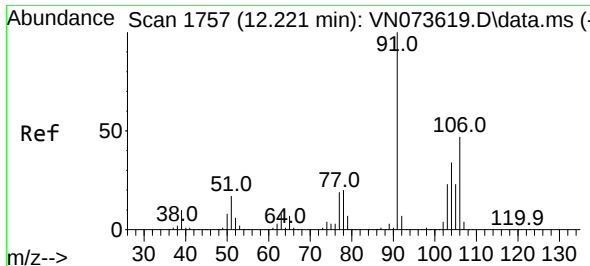
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#68
m/p-Xylenes
Concen: 19.557 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Tgt Ion:106 Resp: 205926
Ion Ratio Lower Upper
106 100
91 195.5 158.9 238.3





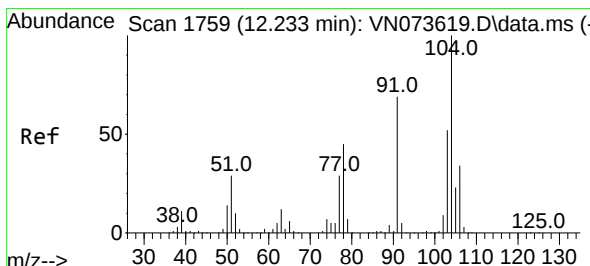
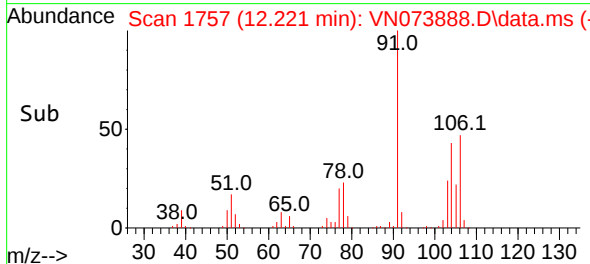
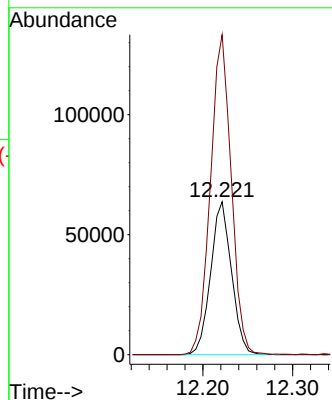
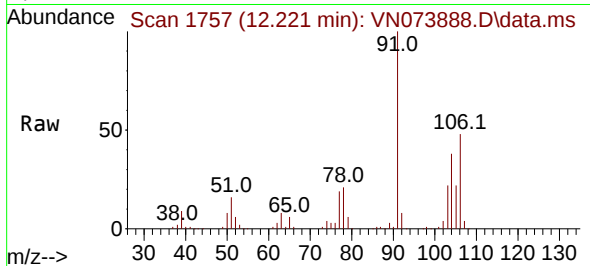
#69
o-Xylene
Concen: 10.001 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 102664
Ion Ratio Lower Upper
106 100
91 209.1 106.0 318.0

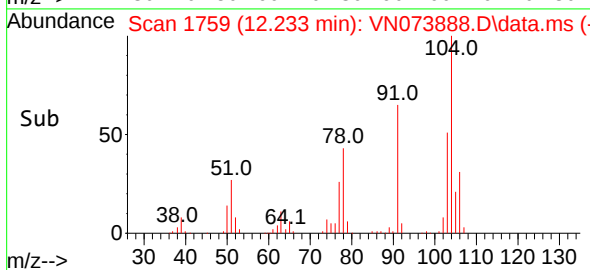
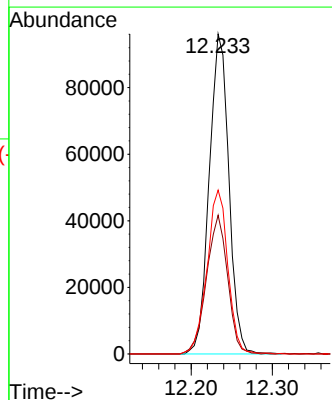
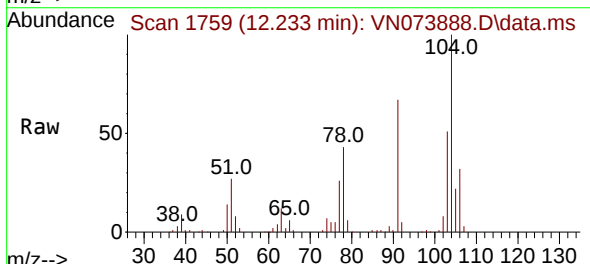
Manual Integrations
APPROVED

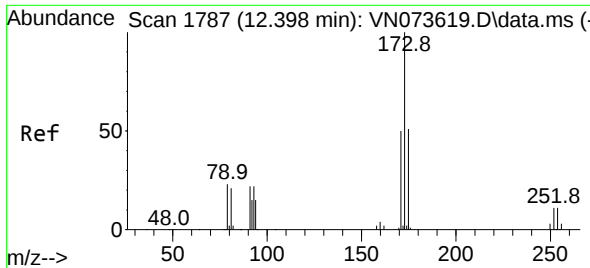
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#70
Styrene
Concen: 9.823 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

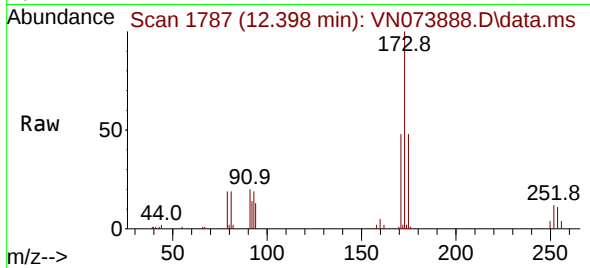
Tgt Ion:104 Resp: 161425
Ion Ratio Lower Upper
104 100
78 46.6 39.5 59.3
103 54.5 44.0 66.0





#71
Bromoform
Concen: 10.868 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

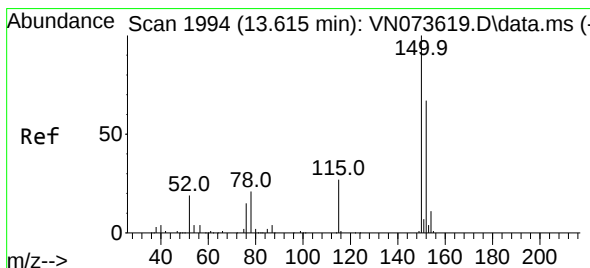
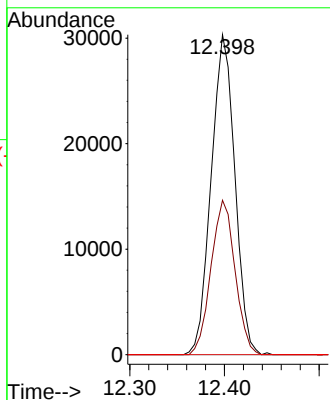
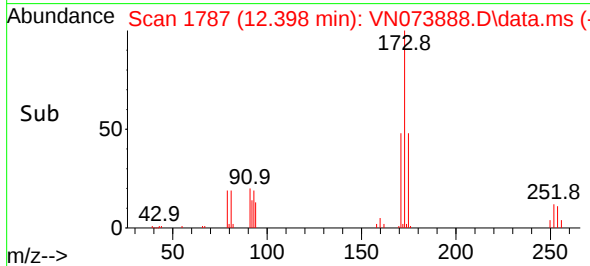
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



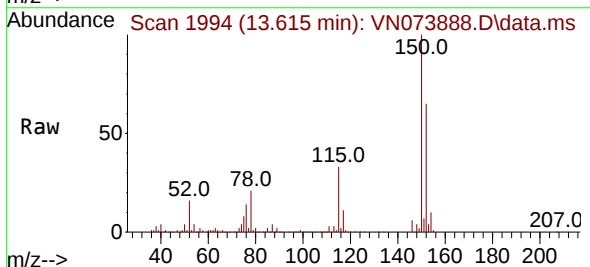
Tgt Ion:173 Resp: 5265
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

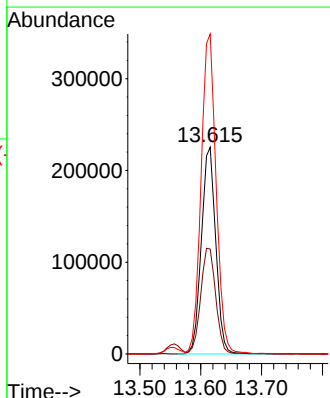
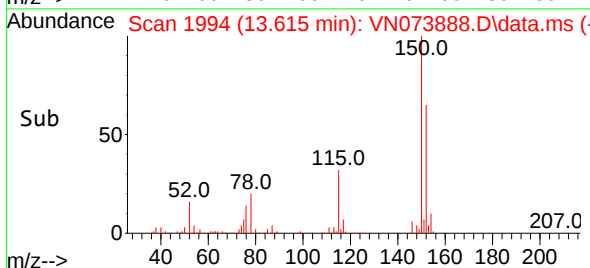
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



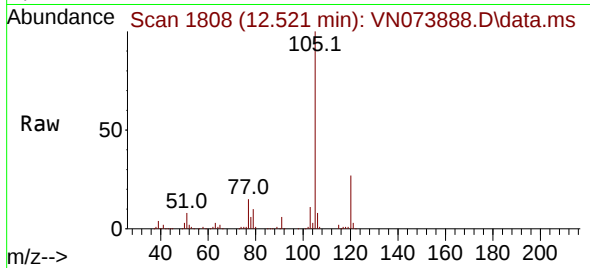
Tgt Ion:152 Resp: 369604
Ion Ratio Lower Upper
152 100
115 53.8 28.9 86.7
150 160.8 0.0 356.2





#73
Isopropylbenzene
Concen: 9.630 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

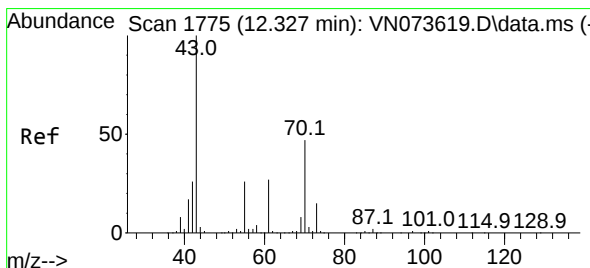
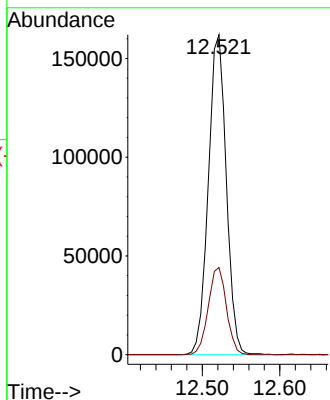
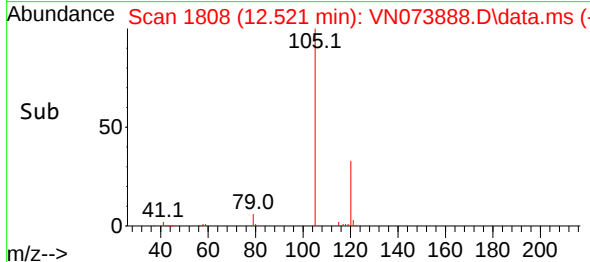
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



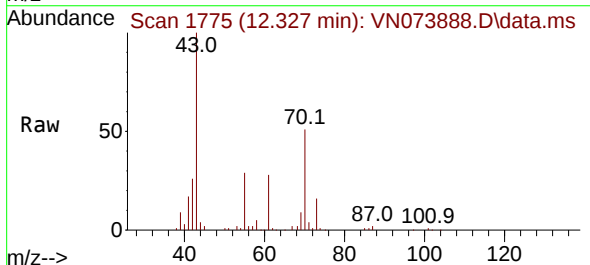
Tgt Ion:105 Resp: 26053
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4

Manual Integrations
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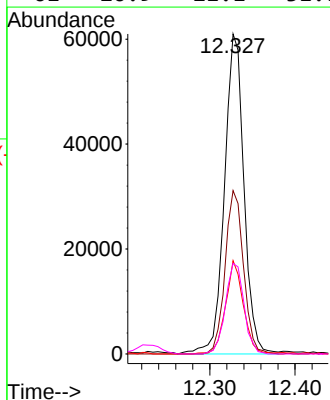
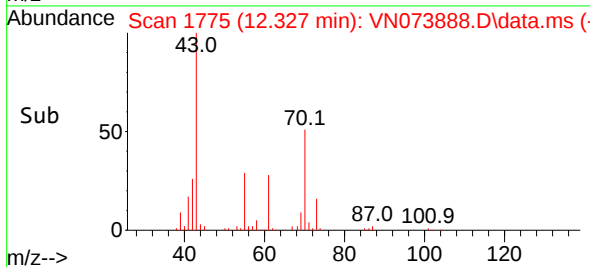
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

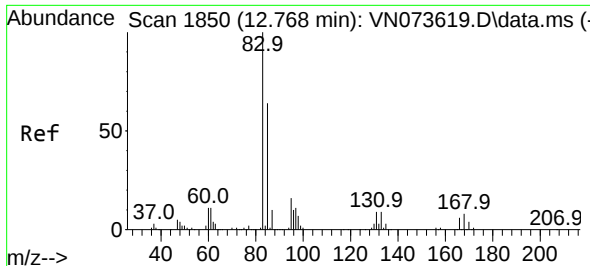


#74
N-ethyl acetate
Concen: 9.494 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



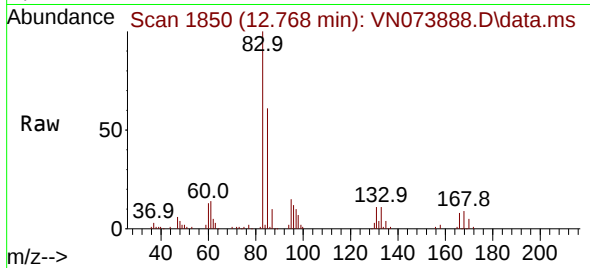
Tgt Ion: 43 Resp: 97055
Ion Ratio Lower Upper
43 100
70 48.1 39.0 58.4
55 26.7 21.1 31.7
61 26.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 8.551 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

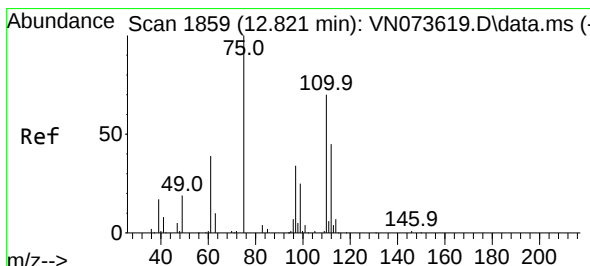
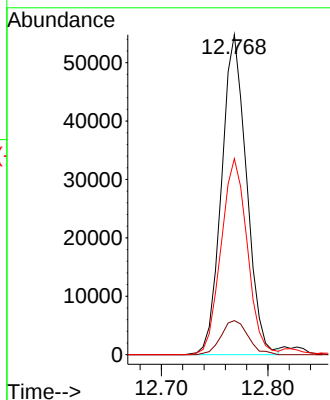
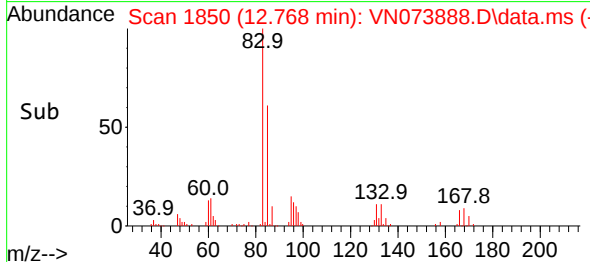
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 8928
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.9
85 64.2 32.3 96.9

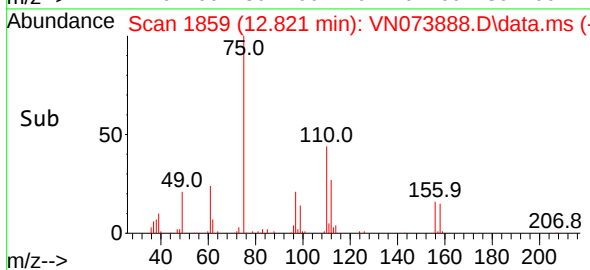
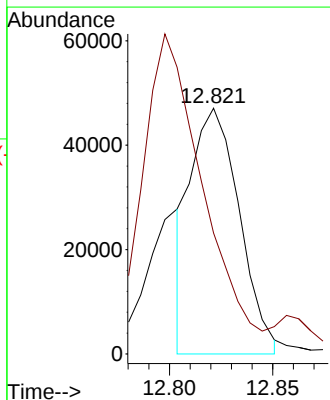
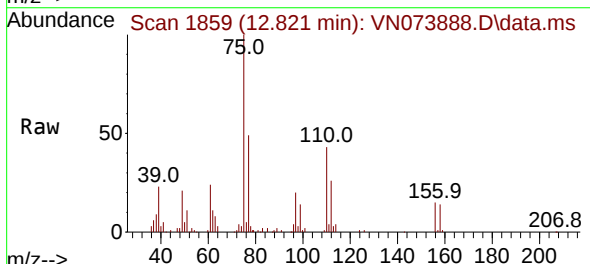
Manual Integrations
APPROVED

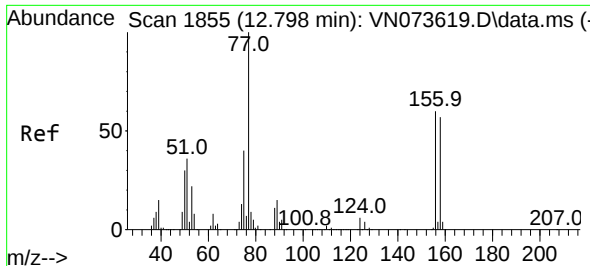
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#76
1,2,3-Trichloropropane
Concen: 9.135 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

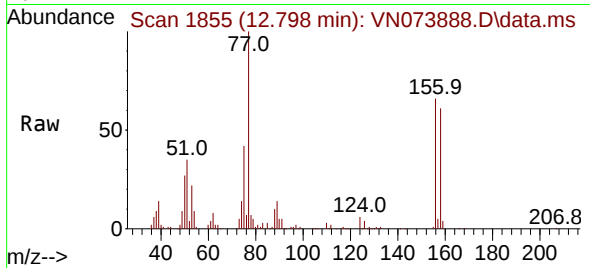
Tgt Ion: 75 Resp: 76657
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 10.063 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

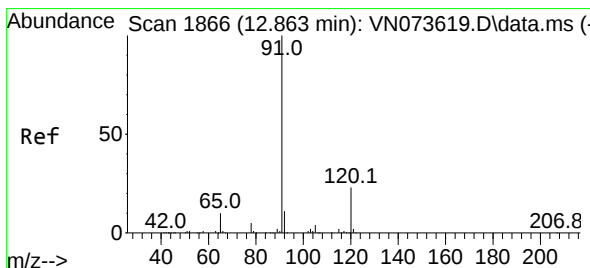
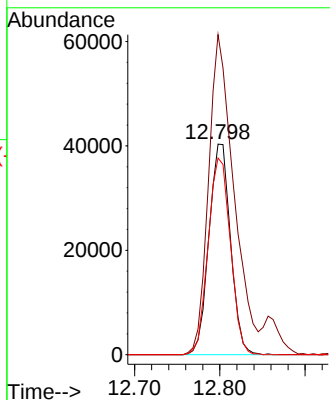
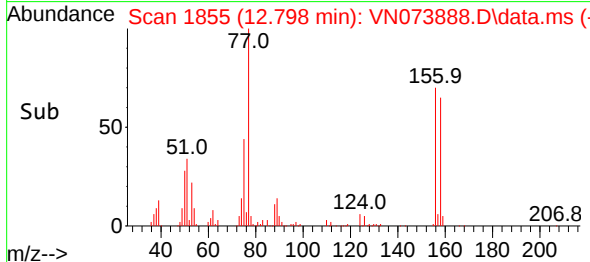
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



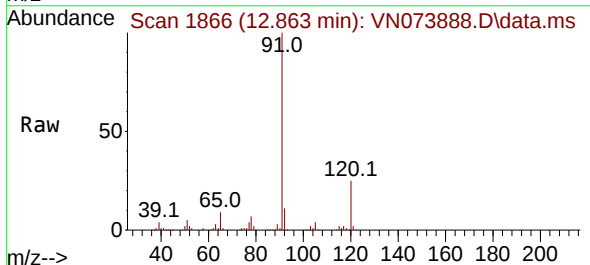
Tgt Ion:156 Resp: 70902
Ion Ratio Lower Upper
156 100
77 177.6 100.5 301.5
158 96.4 48.9 146.6

Manual Integrations
APPROVED

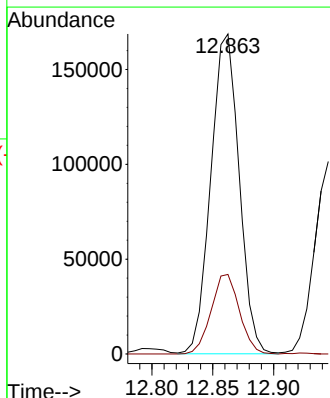
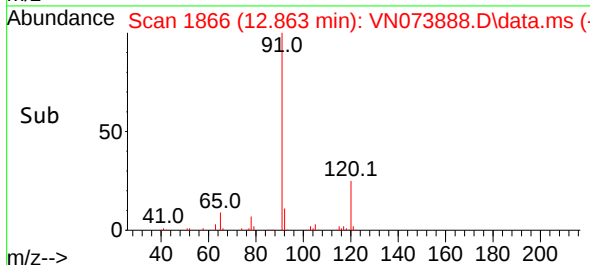
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#78
n-propylbenzene
Concen: 8.974 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



Tgt Ion: 91 Resp: 273209
Ion Ratio Lower Upper
91 100
120 24.8 11.9 35.5





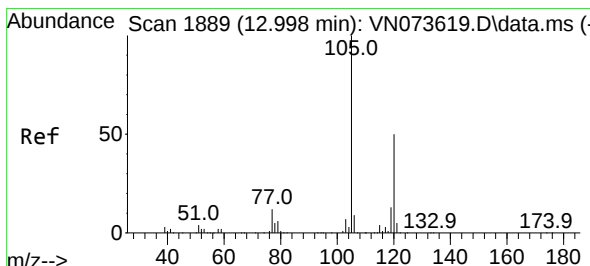
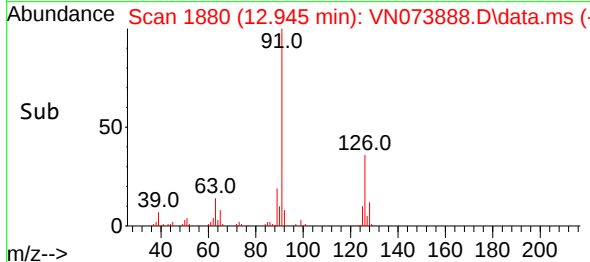
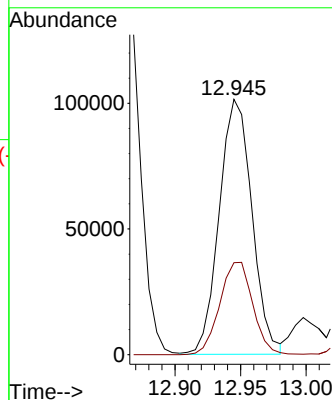
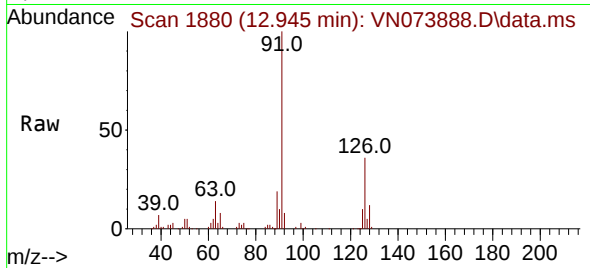
#79
2-Chlorotoluene
Concen: 9.287 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 176450
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.9

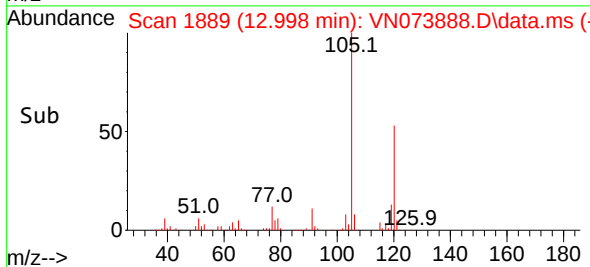
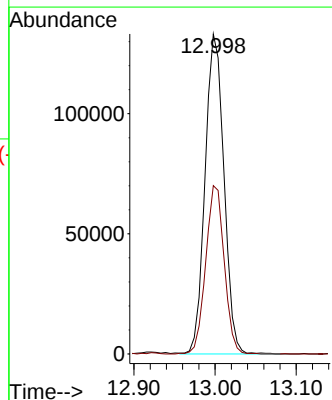
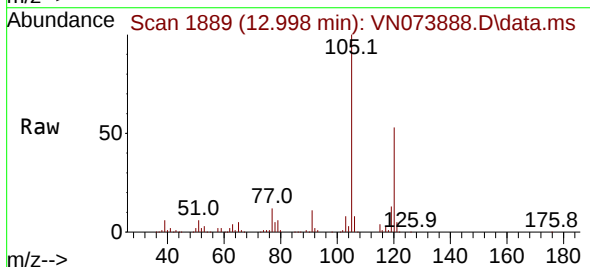
Manual Integrations
APPROVED

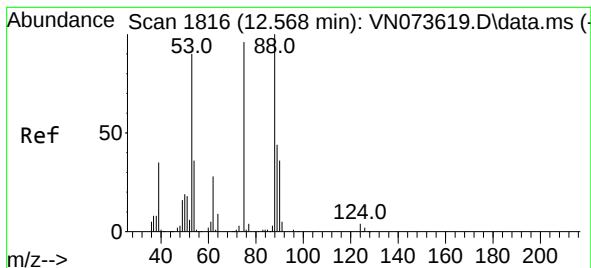
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.648 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

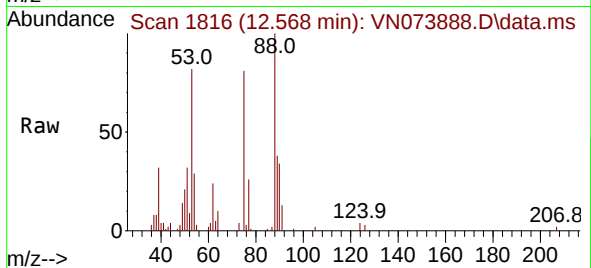
Tgt Ion:105 Resp: 214811
Ion Ratio Lower Upper
105 100
120 51.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 8.925 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

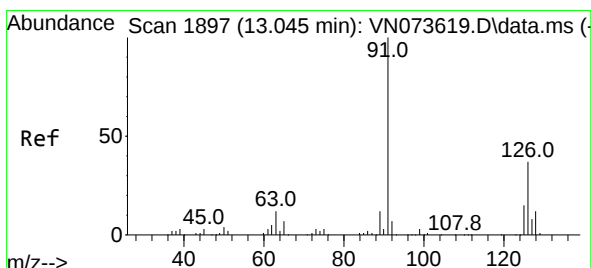
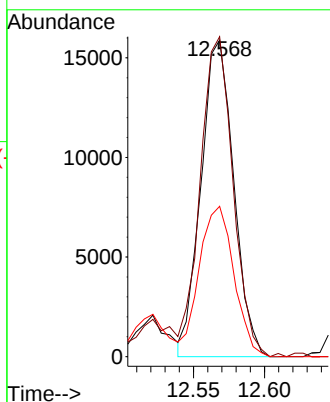
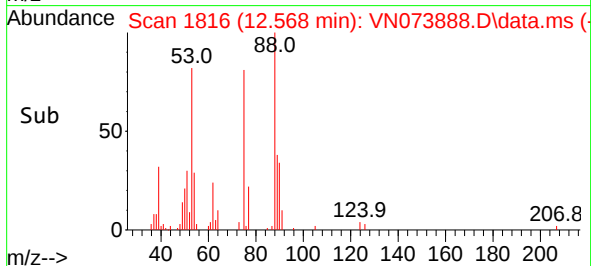
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



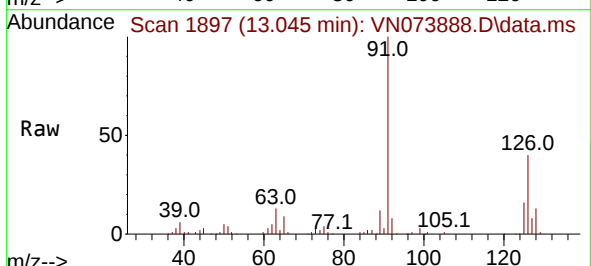
Tgt Ion: 75 Resp: 2545
Ion Ratio Lower Upper
75 100
53 101.1 78.0 117.0
89 50.6 37.2 55.8

Manual Integrations
APPROVED

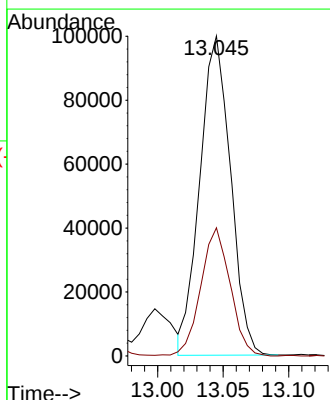
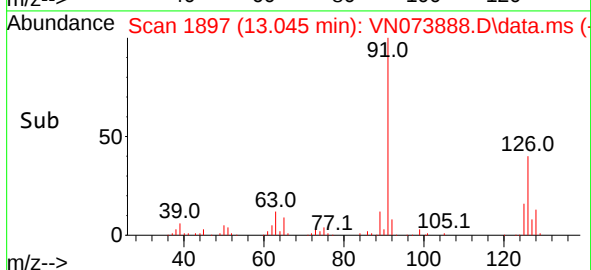
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#82
4-Chlorotoluene
Concen: 9.048 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



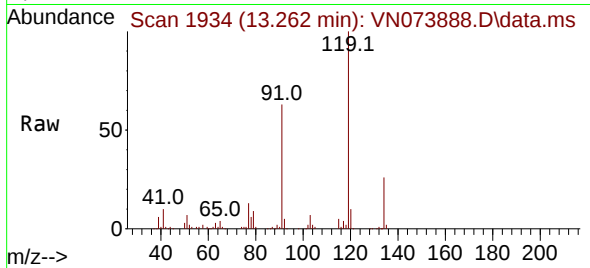
Tgt Ion: 91 Resp: 162938
Ion Ratio Lower Upper
91 100
126 38.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 9.983 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

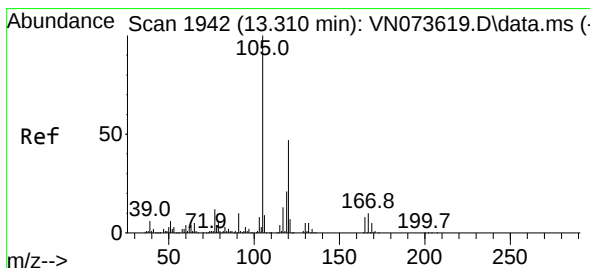
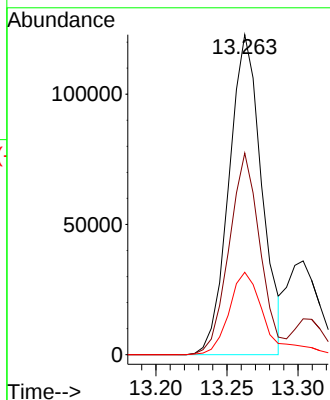
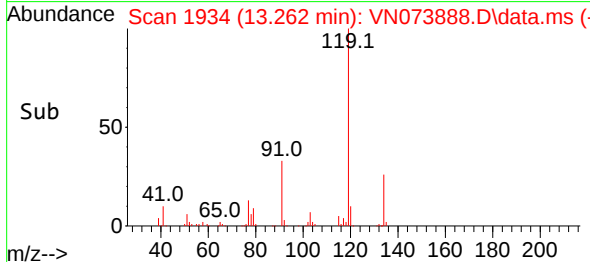
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



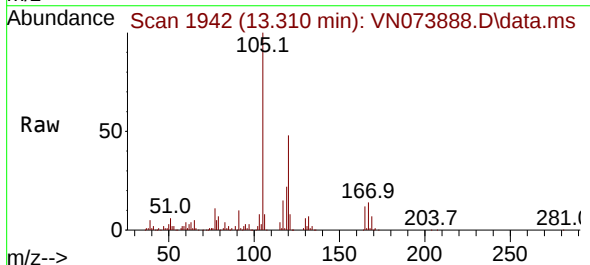
Tgt Ion:119 Resp: 19688
Ion Ratio Lower Upper
119 100
91 60.3 31.6 94.8
134 28.1 13.7 41.1

Manual Integrations
APPROVED

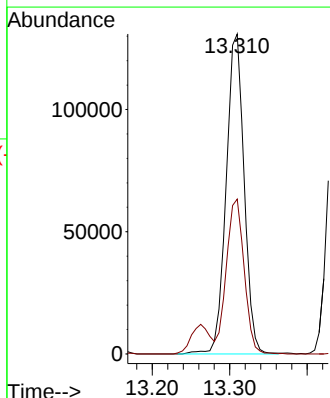
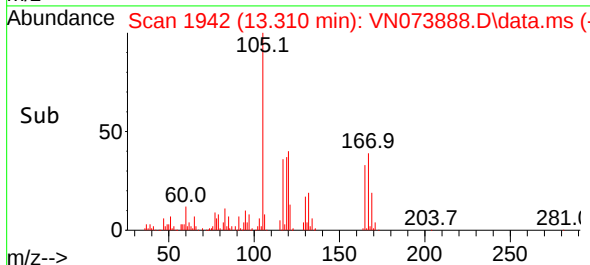
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 9.643 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



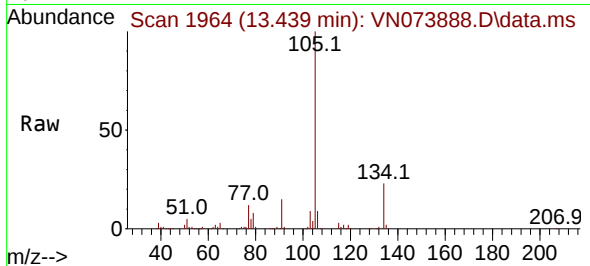
Tgt Ion:105 Resp: 211110
Ion Ratio Lower Upper
105 100
120 48.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 9.317 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073888.D
 Acq: 15 Aug 2022 10:50

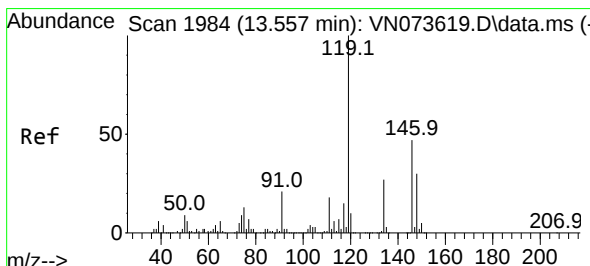
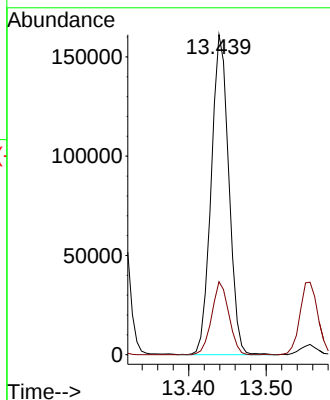
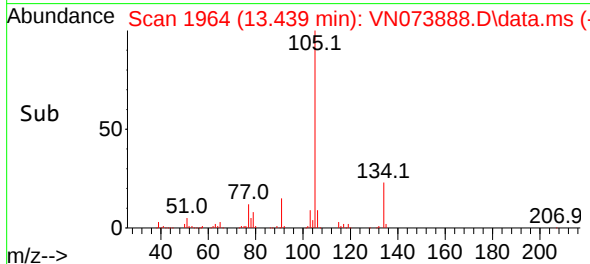
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



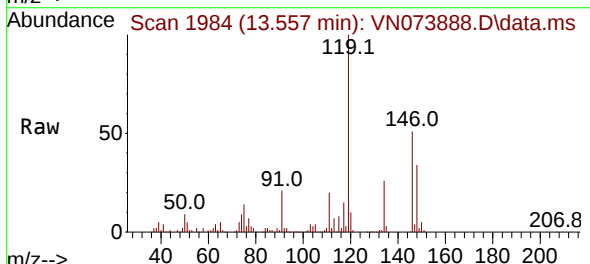
Tgt Ion:105 Resp: 253964
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.4 31.1

Manual Integrations
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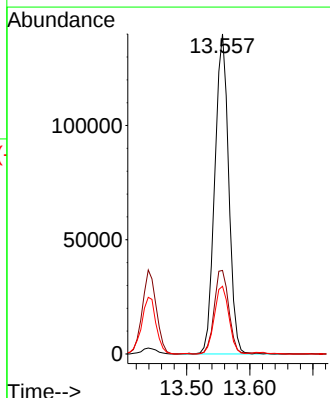
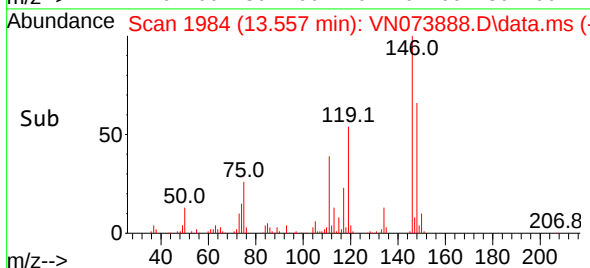
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

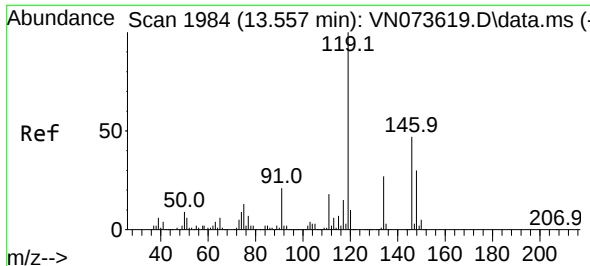


#86
 p-Isopropyltoluene
 Concen: 9.971 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073888.D
 Acq: 15 Aug 2022 10:50



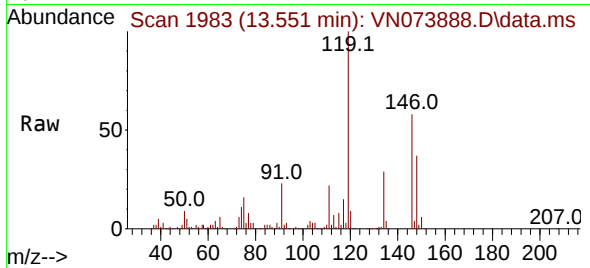
Tgt Ion:119 Resp: 214255
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.8
 91 22.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 9.528 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

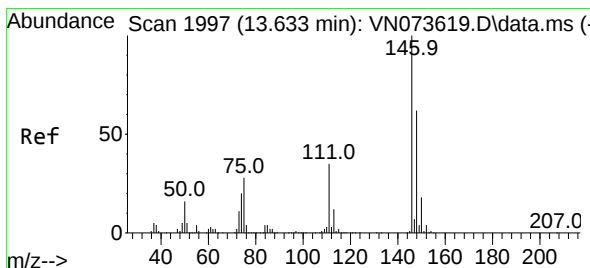
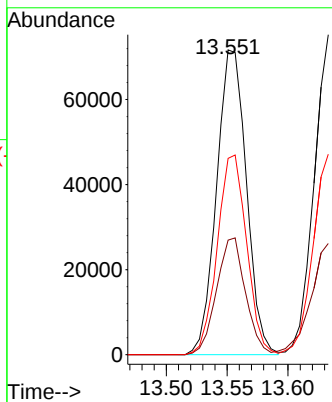
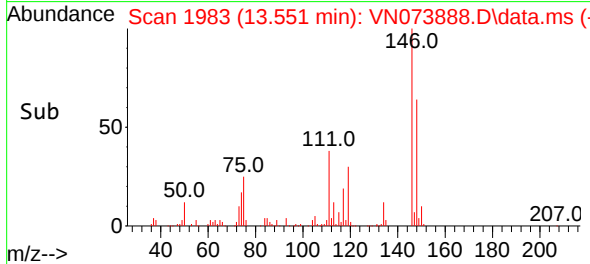
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:146 Resp: 122549
Ion Ratio Lower Upper
146 100
111 37.1 20.0 60.0
148 64.3 32.0 96.0

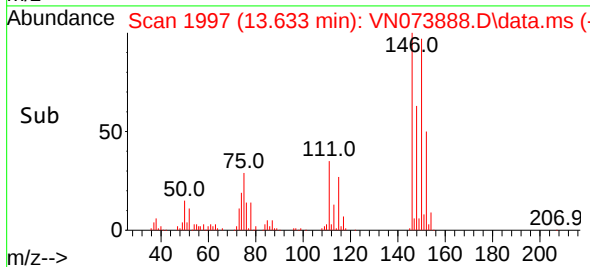
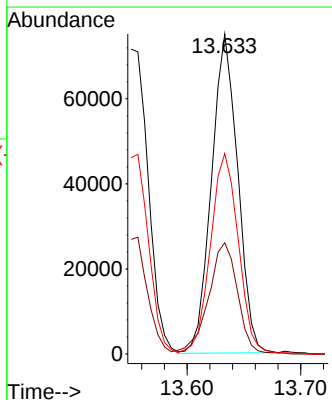
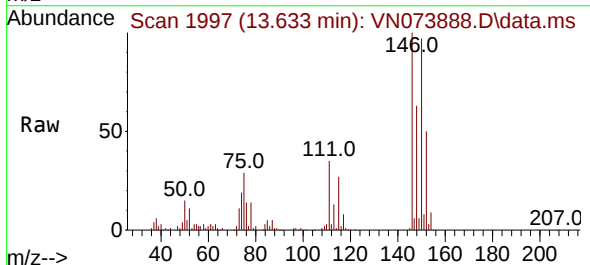
Manual Integrations
APPROVED

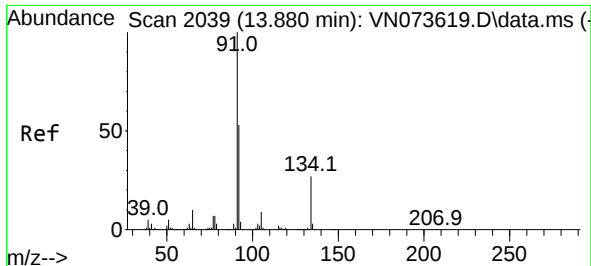
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#88
1,4-Dichlorobenzene
Concen: 9.364 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

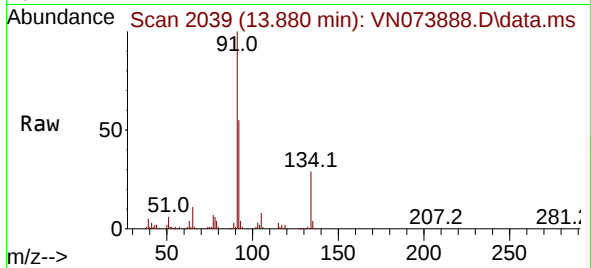
Tgt Ion:146 Resp: 120498
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 67.0 31.4 94.3





#89
n-Butylbenzene
Concen: 9.090 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

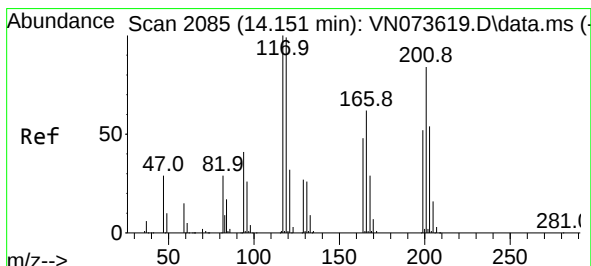
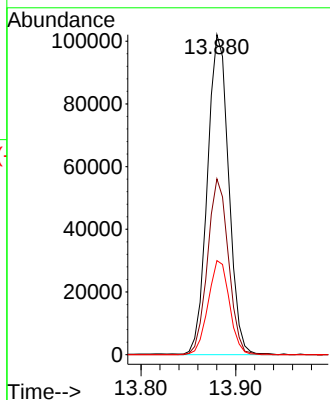
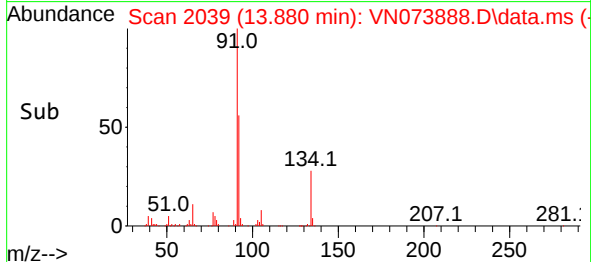
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



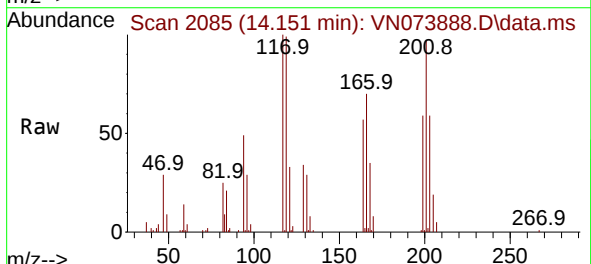
Tgt Ion: 91 Resp: 158932
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 29.5 13.6 40.8

Manual Integrations
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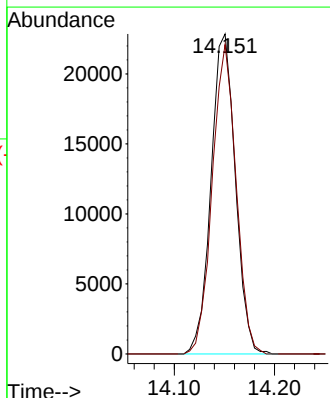
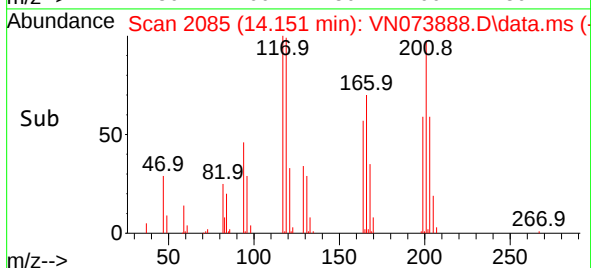
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

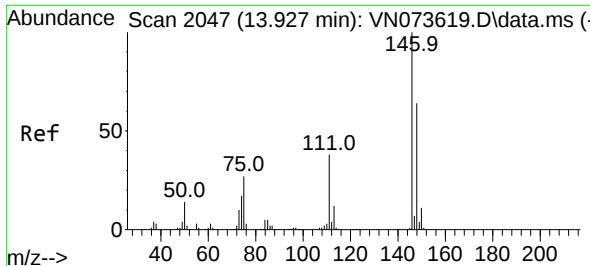


#90
Hexachloroethane
Concen: 9.036 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



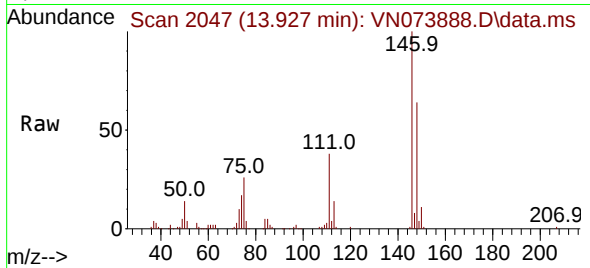
Tgt Ion:117 Resp: 38525
Ion Ratio Lower Upper
117 100
201 94.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 9.666 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

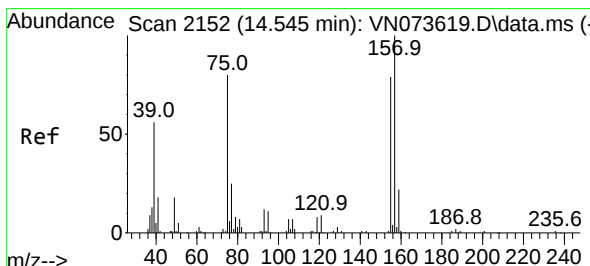
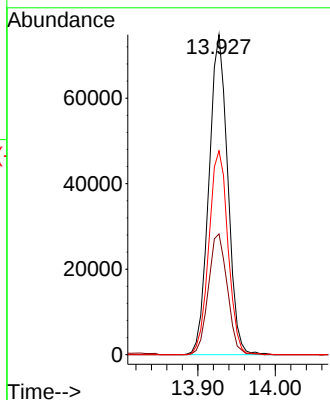
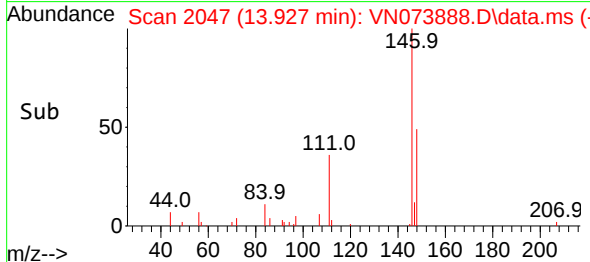
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



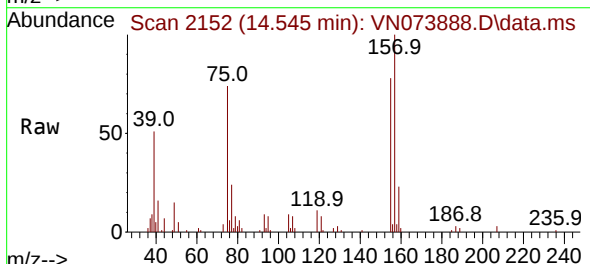
Tgt Ion:146 Resp: 125978
Ion Ratio Lower Upper
146 100
111 38.1 20.9 62.8
148 64.7 32.1 96.3

Manual Integrations
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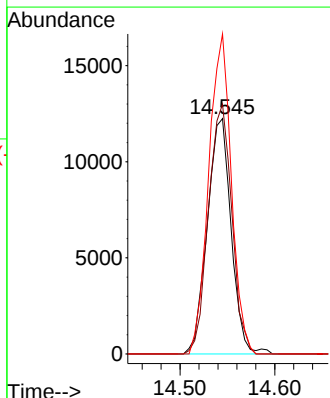
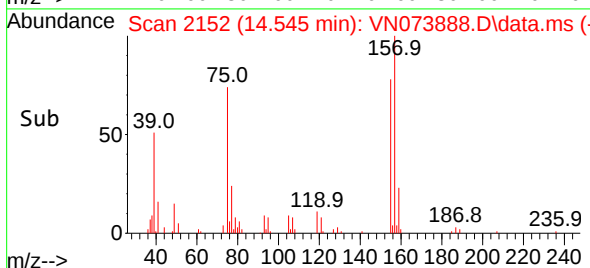
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

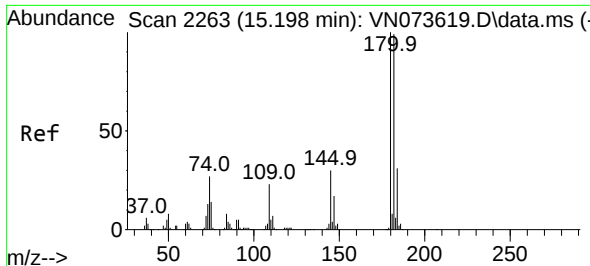


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.215 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



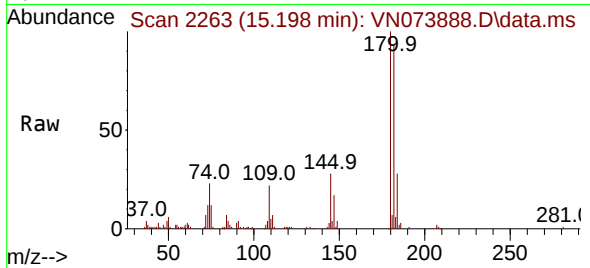
Tgt Ion: 75 Resp: 21428
Ion Ratio Lower Upper
75 100
155 104.0 44.9 134.5
157 128.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 11.586 ug/l
RT: 15.198 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

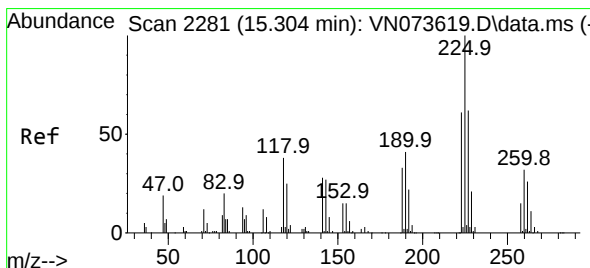
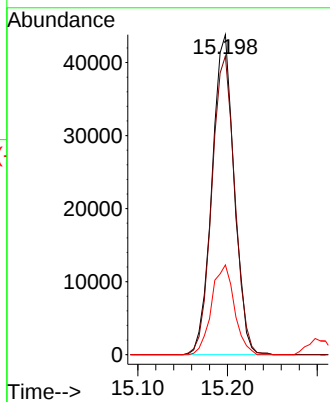
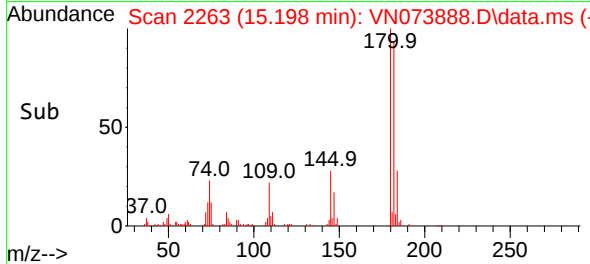
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MSVOA_N
ClientSampleId :
VSTDICC010



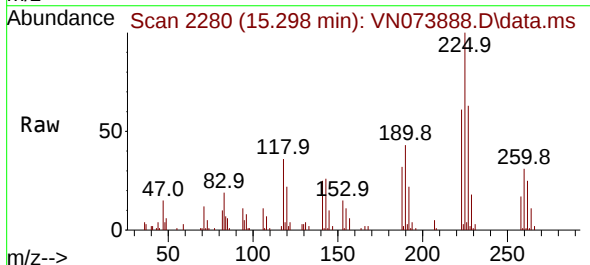
Tgt Ion:180 Resp: 7498
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 28.9 14.5 43.5

Manual Integrations
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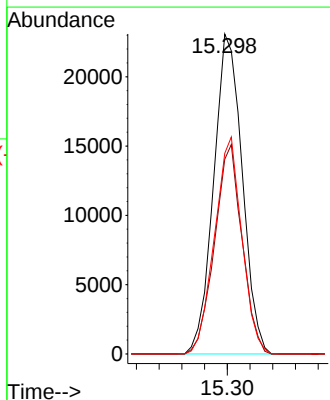
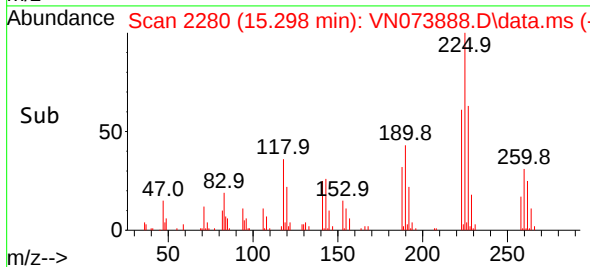
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

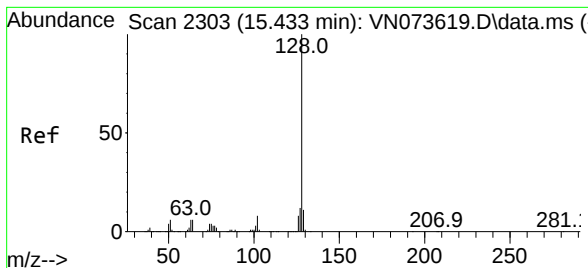


#94
Hexachlorobutadiene
Concen: 11.445 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



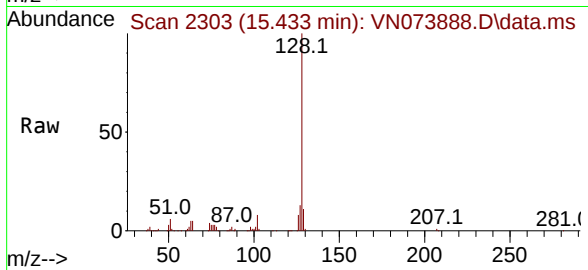
Tgt Ion:225 Resp: 40269
Ion Ratio Lower Upper
225 100
223 63.0 32.4 97.2
227 64.9 31.8 95.4





#95
Naphthalene
Concen: 12.045 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50

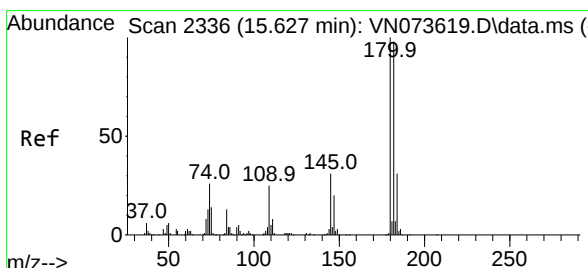
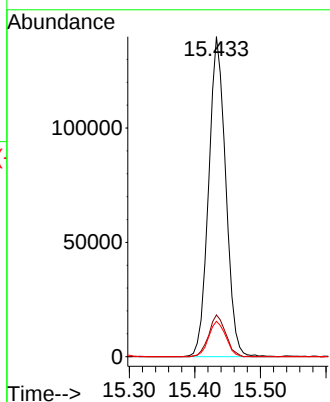
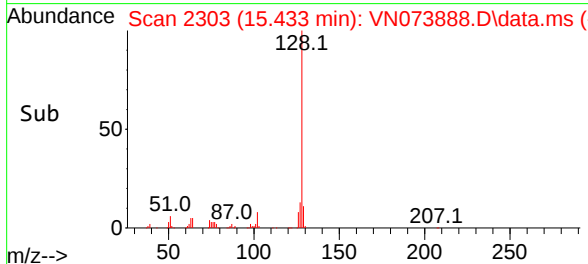
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



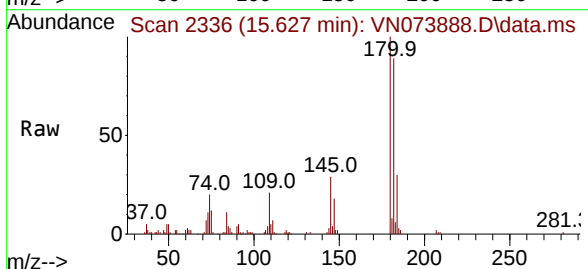
Tgt Ion:128 Resp: 252968
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 11.713 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN073888.D
Acq: 15 Aug 2022 10:50



Tgt Ion:180 Resp: 79780
Ion Ratio Lower Upper
180 100
182 92.7 47.8 143.3
145 29.3 15.5 46.5

