

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071607.D
 Acq On : 28 Mar 2022 16:22
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 08:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 08:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	673721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1063139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	962414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	379549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.427	65	165001	19.705	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	39.400%#		
35) Dibromofluoromethane	8.016	113	134237	19.969	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	39.940%#		
50) Toluene-d8	10.439	98	547834	20.124	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	40.240%#		
62) 4-Bromofluorobenzene	12.727	95	172342	19.260	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	38.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	137062	19.661	ug/l	100
3) Chloromethane	2.298	50	157593	18.089	ug/l	95
4) Vinyl Chloride	2.440	62	183285	19.591	ug/l	98
5) Bromomethane	2.834	94	117504	23.668	ug/l	98
6) Chloroethane	3.010	64	137686	21.622	ug/l	98
7) Trichlorofluoromethane	3.369	101	214332	19.694	ug/l	99
8) Diethyl Ether	3.822	74	86361	19.006	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	130161	19.898	ug/l	99
10) Methyl Iodide	4.416	142	189377	20.132	ug/l	99
11) Tert butyl alcohol	5.357	59	137776	89.504	ug/l	100
12) 1,1-Dichloroethene	4.187	96	125835	19.607	ug/l	96
13) Acrolein	4.040	56	113049	94.620	ug/l	99
14) Allyl chloride	4.839	41	196321	18.960	ug/l	100
15) Acrylonitrile	5.545	53	405092	96.018	ug/l	100
16) Acetone	4.281	43	331218	97.202	ug/l	99
17) Carbon Disulfide	4.528	76	313341	18.984	ug/l	99
18) Methyl Acetate	4.851	43	186658	18.275	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	446017	19.328	ug/l	96
20) Methylene Chloride	5.092	84	150146	18.847	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	133091	19.182	ug/l	94
22) Diisopropyl ether	6.492	45	426441	19.810	ug/l	97
23) Vinyl Acetate	6.428	43	1781947	96.439	ug/l	99
24) 1,1-Dichloroethane	6.381	63	249108	19.106	ug/l	99
25) 2-Butanone	7.328	43	523823	95.755	ug/l	99
26) 2,2-Dichloropropane	7.322	77	217937	19.903	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	162295	19.486	ug/l	98
28) Bromochloromethane	7.657	49	91708	17.223	ug/l	98
29) Tetrahydrofuran	7.675	42	347446	95.529	ug/l	99
30) Chloroform	7.816	83	258618	19.687	ug/l	97
31) Cyclohexane	8.092	56	236068	19.900	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	225584	19.755	ug/l	98
36) 1,1-Dichloropropene	8.216	75	191229	19.907	ug/l	99
37) Ethyl Acetate	7.404	43	212606	20.382	ug/l	99
38) Carbon Tetrachloride	8.198	117	190763	20.245	ug/l	98
39) Methylcyclohexane	9.457	83	244687	20.817	ug/l	97
40) Benzene	8.457	78	597603	19.962	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	99215	19.816	ug/l	98
42) 1,2-Dichloroethane	8.527	62	203606	19.524	ug/l	99
43) Isopropyl Acetate	8.551	43	326204	18.224	ug/l	99
44) Trichloroethene	9.210	130	154781	19.885	ug/l	100
45) 1,2-Dichloropropane	9.486	63	146757	19.777	ug/l	99
46) Dibromomethane	9.569	93	100303	19.821	ug/l	100
47) Bromodichloromethane	9.757	83	196046	19.728	ug/l	98
48) Methyl methacrylate	9.551	41	149339	19.745	ug/l	99
49) 1,4-Dioxane	9.563	88	67195	389.631	ug/l	99
51) 4-Methyl-2-Pentanone	10.321	43	1031330	98.374	ug/l	100
52) Toluene	10.498	92	383616	20.446	ug/l	100
53) t-1,3-Dichloropropene	10.710	75	207630	19.500	ug/l	99
54) cis-1,3-Dichloropropene	10.180	75	234875	19.978	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	150903	19.765	ug/l	98
56) Ethyl methacrylate	10.757	69	227338	19.840	ug/l	99
57) 1,3-Dichloropropane	11.039	76	255660	19.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	245576	86.279	ug/l	99
59) 2-Hexanone	11.080	43	738381	97.779	ug/l	100
60) Dibromochloromethane	11.233	129	152853	19.820	ug/l	99
61) 1,2-Dibromoethane	11.339	107	153705	20.010	ug/l	99
64) Tetrachloroethene	10.969	164	133754	20.015	ug/l	98
65) Chlorobenzene	11.763	112	411152	20.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	143929	19.792	ug/l	99
67) Ethyl Benzene	11.839	91	713430	20.281	ug/l	99
68) m/p-Xylenes	11.945	106	551735	41.050	ug/l	100
69) o-Xylene	12.274	106	274463	20.518	ug/l	98
70) Styrene	12.286	104	416839	19.969	ug/l	99
71) Bromoform	12.451	173	112809	19.750	ug/l #	100
73) Isopropylbenzene	12.574	105	696060	20.836	ug/l	100
74) N-amyl acetate	12.380	43	200885	18.826	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	224371	19.725	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	192556m	22.378	ug/l	
77) Bromobenzene	12.857	156	166979	20.014	ug/l	99
78) n-propylbenzene	12.915	91	735143	20.699	ug/l	100
79) 2-Chlorotoluene	13.004	91	465702	20.328	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	552236	20.948	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	60263	19.059	ug/l	96
82) 4-Chlorotoluene	13.098	91	424182	20.097	ug/l	99
83) tert-Butylbenzene	13.315	119	499833	20.939	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	537933	21.143	ug/l	100
85) sec-Butylbenzene	13.498	105	654140	20.694	ug/l	100
86) p-Isopropyltoluene	13.610	119	529496	21.041	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	264869	19.557	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	255663	19.114	ug/l	99
89) n-Butylbenzene	13.939	91	369674	19.143	ug/l	99
90) Hexachloroethane	14.204	117	96158	19.621	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	263088	20.204	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37818	19.234	ug/l	94
93) 1,2,4-Trichlorobenzene	15.262	180	104950	17.390	ug/l	98
94) Hexachlorobutadiene	15.362	225	73864	20.199	ug/l	99
95) Naphthalene	15.498	128	279516	16.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	104877	17.595	ug/l	99

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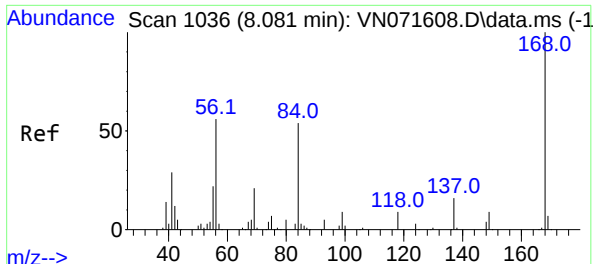
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 08:17:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 29 08:13:31 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: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

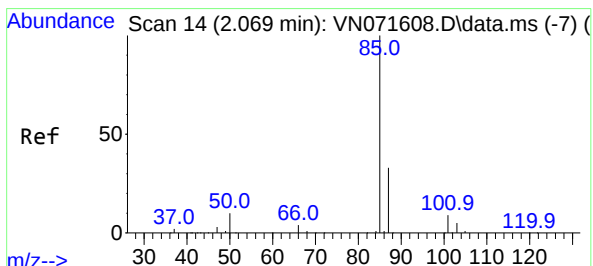
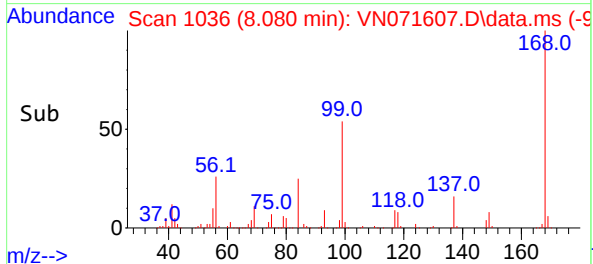
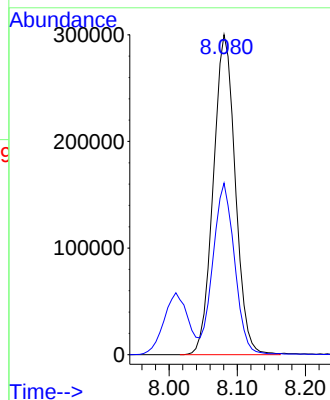
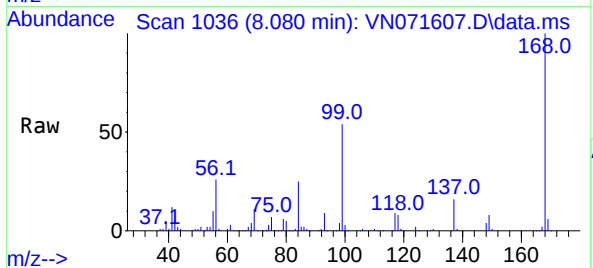
VSTDIC020

Tgt Ion:168 Resp: 67372
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5

Manual Integrations

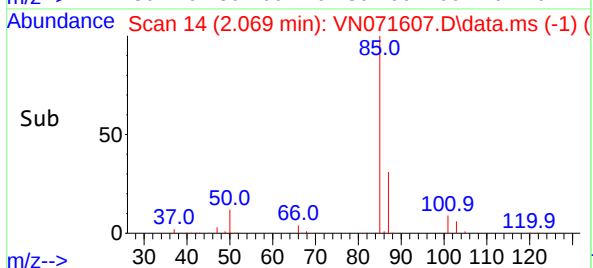
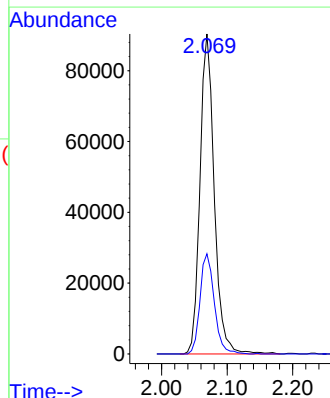
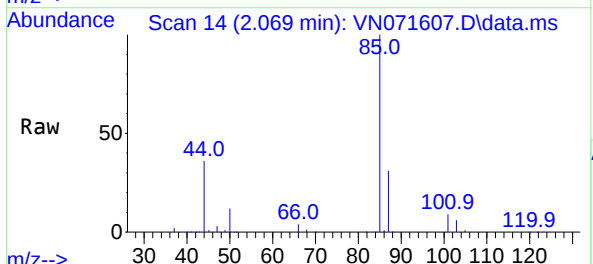
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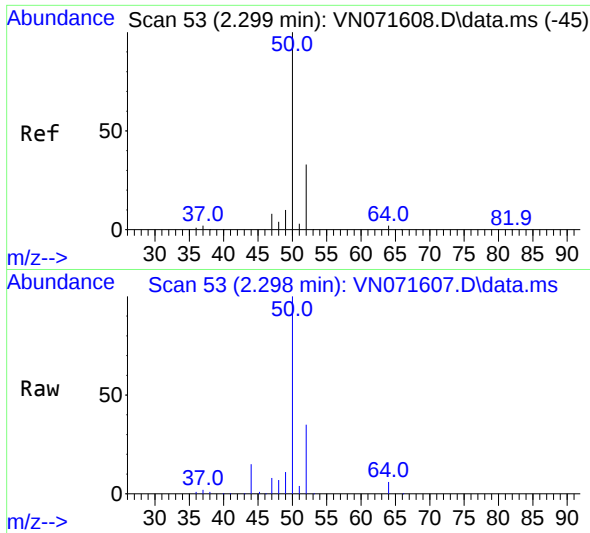
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#2
Dichlorodifluoromethane
Concen: 19.661 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Tgt Ion: 85 Resp: 137062
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.1





#3

Chloromethane

Concen: 18.089 ug/l

RT: 2.298 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN071607.D

Acq: 28 Mar 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 15759

Ion Ratio Lower Upper

50 100

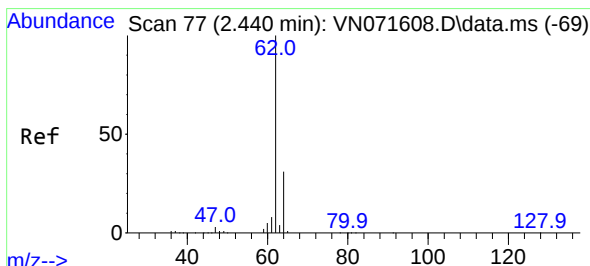
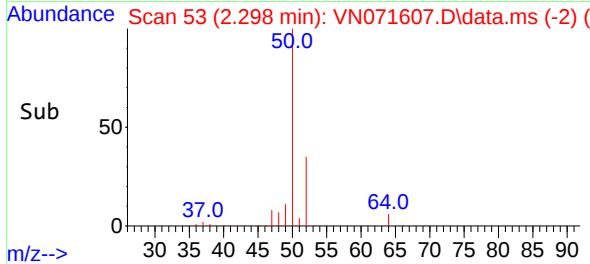
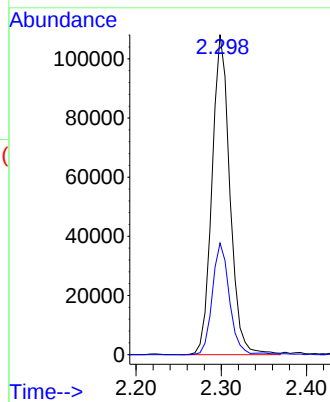
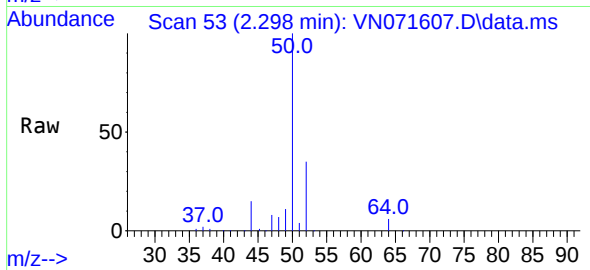
52 34.9 25.7 38.5

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 19.591 ug/l

RT: 2.440 min Scan# 77

Delta R.T. -0.000 min

Lab File: VN071607.D

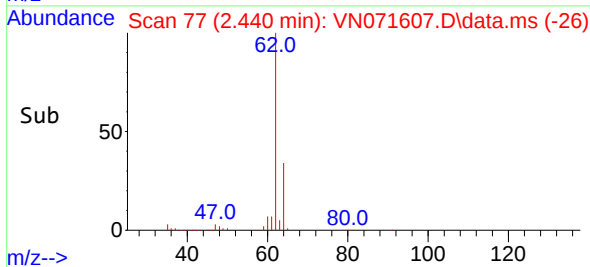
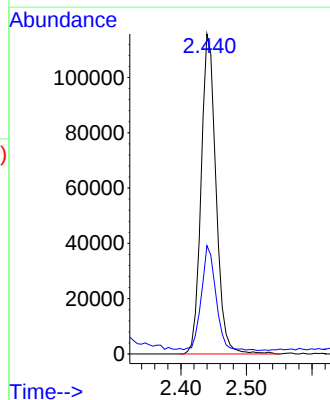
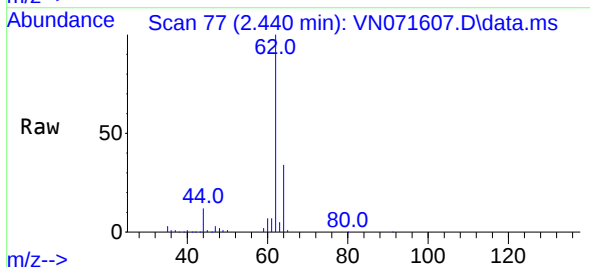
Acq: 28 Mar 2022 16:22

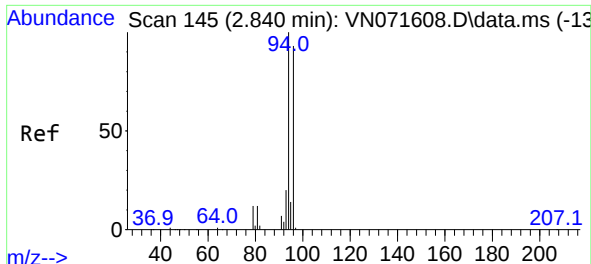
Tgt Ion: 62 Resp: 183285

Ion Ratio Lower Upper

62 100

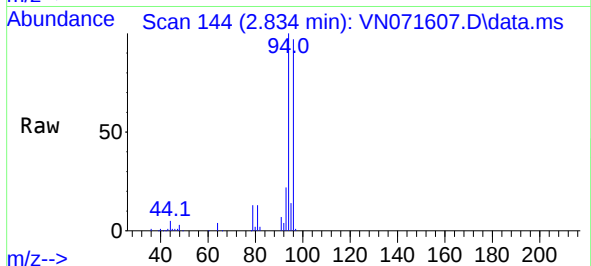
64 32.3 25.0 37.4





#5
Bromomethane
Concen: 23.668 ug/l
RT: 2.834 min Scan# 145
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

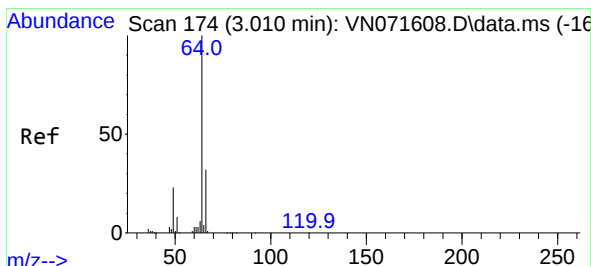
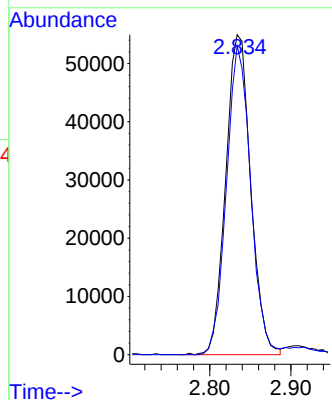
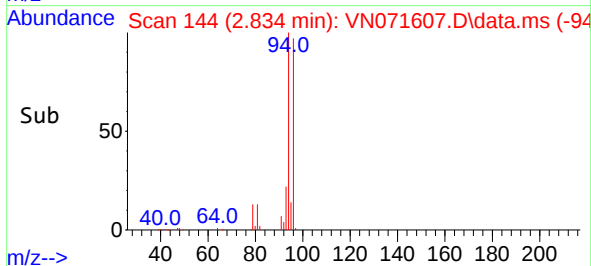
Instrument :
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Tgt Ion: 94 Resp: 117504
Ion Ratio Lower Upper
94 100
96 96.5 76.0 114.0

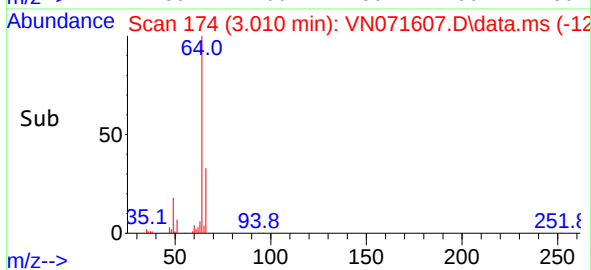
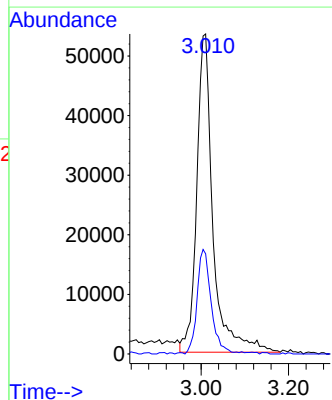
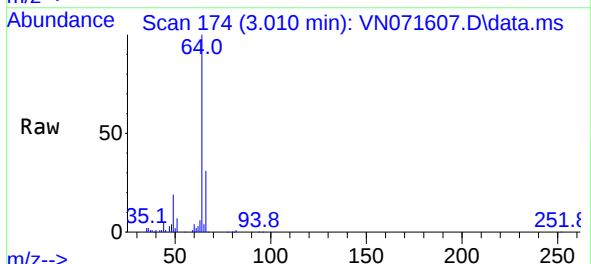
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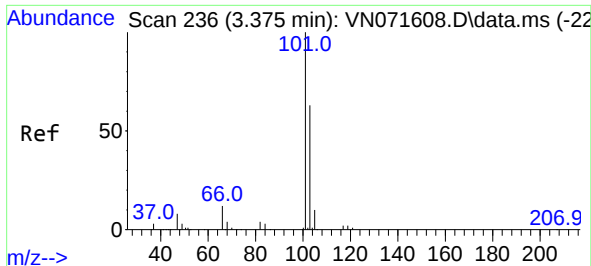
Reviewed By :John Carlone 03/29/2022
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#6
Chloroethane
Concen: 21.622 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

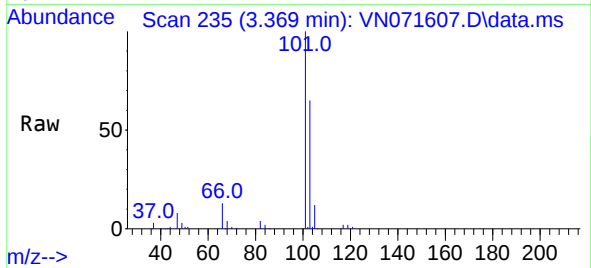
Tgt Ion: 64 Resp: 137686
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 19.694 ug/l
 RT: 3.369 min Scan# 21433
 Delta R.T. -0.006 min
 Lab File: VN071607.D
 Acq: 28 Mar 2022 16:22

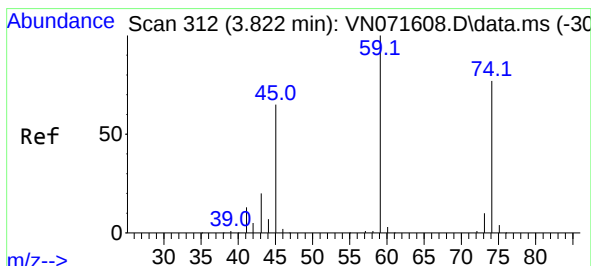
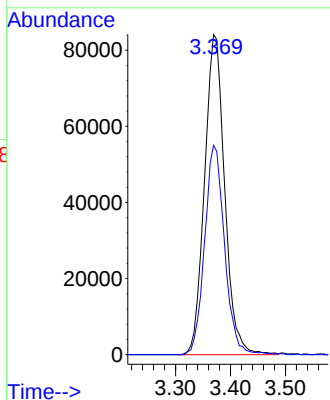
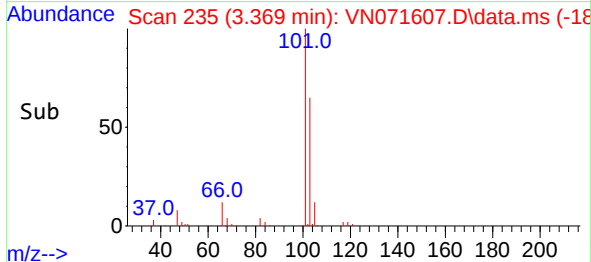
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:101 Resp: 21433
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3

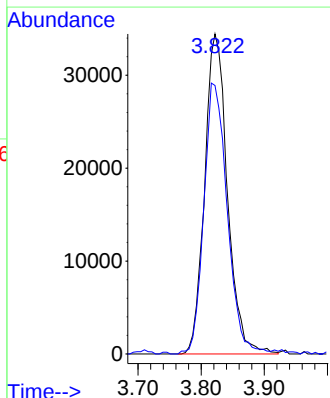
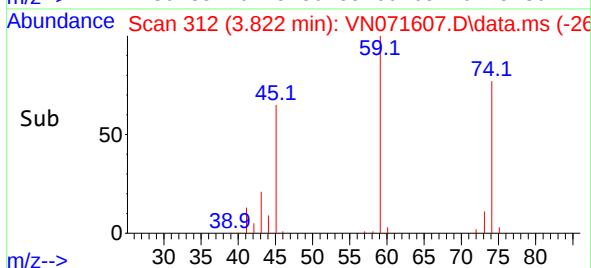
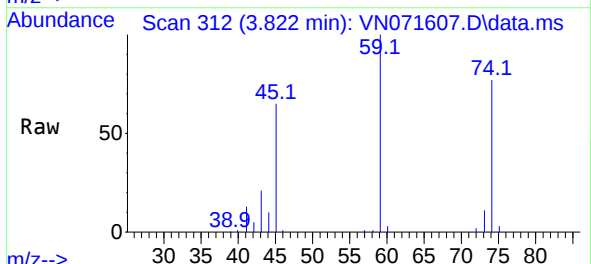
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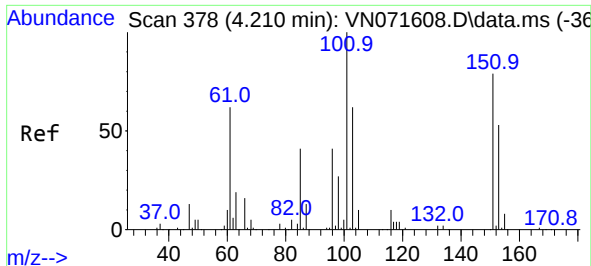
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#8
 Diethyl Ether
 Concen: 19.006 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.000 min
 Lab File: VN071607.D
 Acq: 28 Mar 2022 16:22

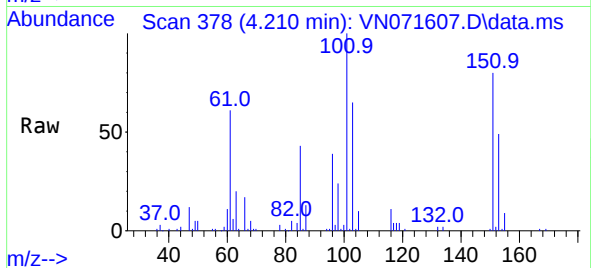
Tgt Ion: 74 Resp: 86361
 Ion Ratio Lower Upper
 74 100
 45 86.9 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.898 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071607.D
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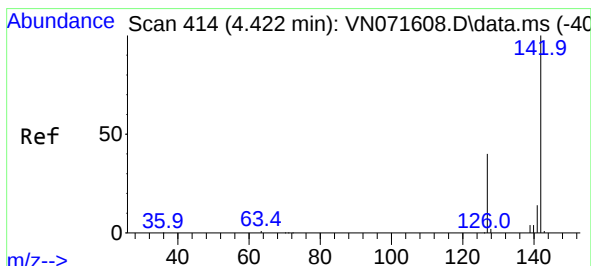
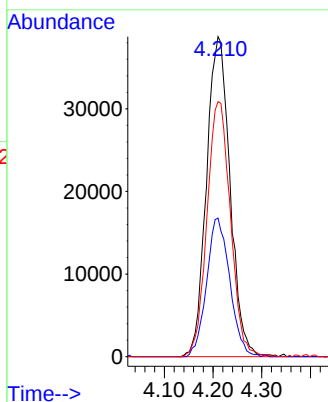
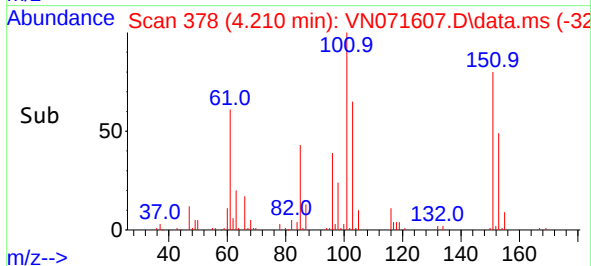
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



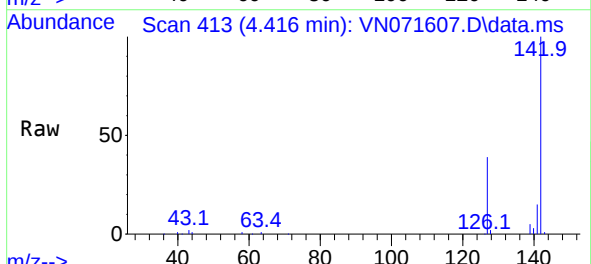
Tgt Ion:101 Resp: 13016
Ion Ratio Lower Upper
101 100
85 42.5 34.7 52.1
151 79.4 63.0 94.4

Manual Integrations
APPROVED

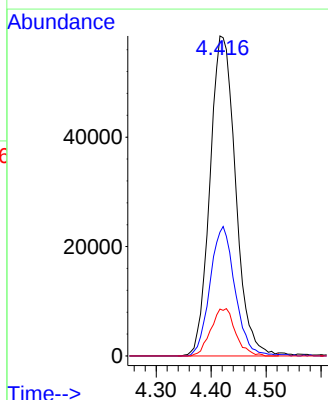
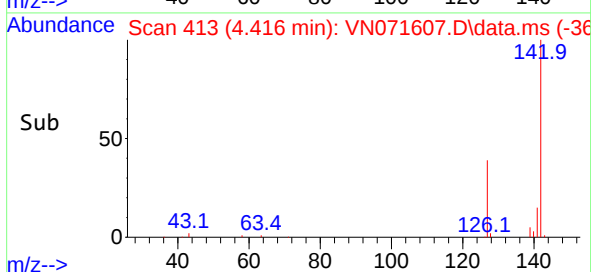
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

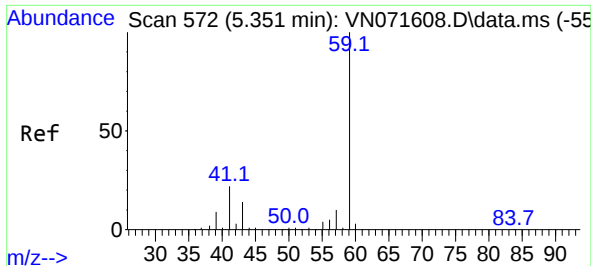


#10
Methyl Iodide
Concen: 20.132 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



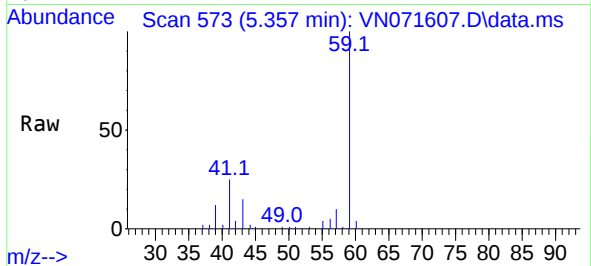
Tgt Ion:142 Resp: 189377
Ion Ratio Lower Upper
142 100
127 39.5 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 89.504 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

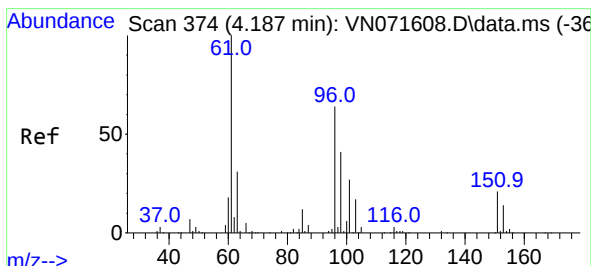
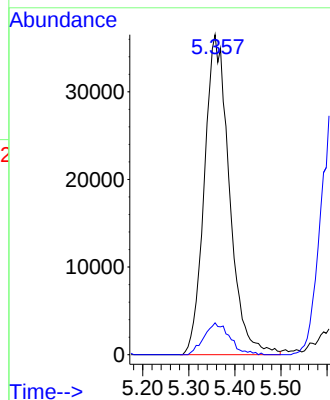
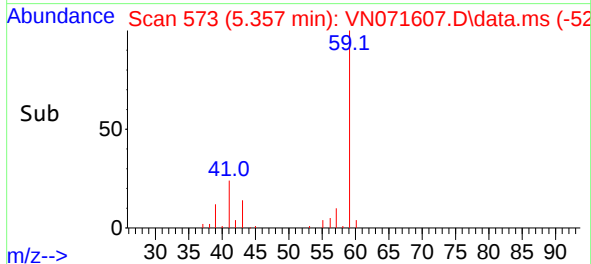
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



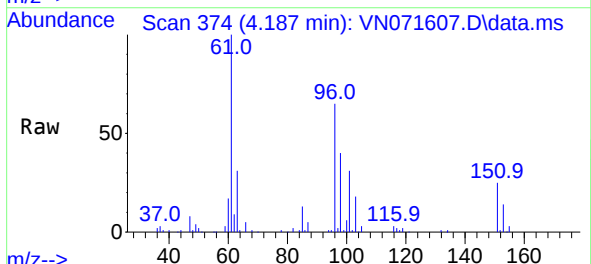
Tgt Ion: 59 Resp: 137776
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

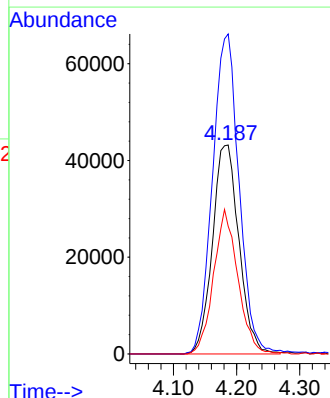
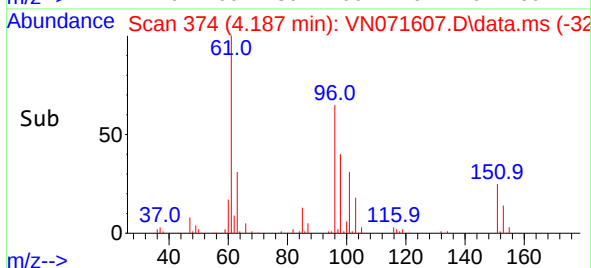
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

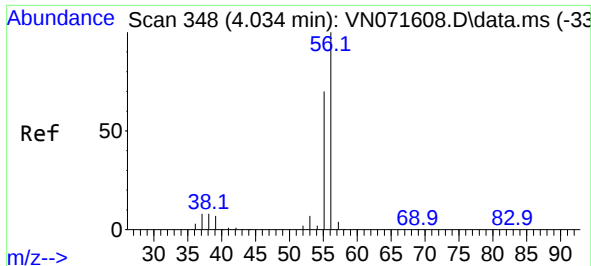


#12
1,1-Dichloroethene
Concen: 19.607 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



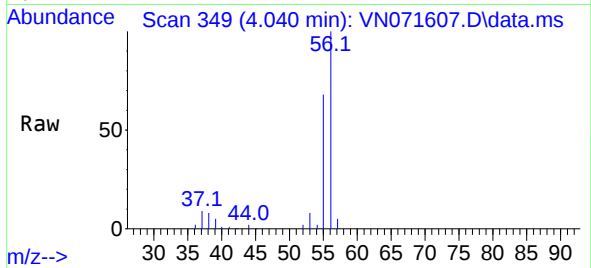
Tgt Ion: 96 Resp: 125835
Ion Ratio Lower Upper
96 100
61 153.1 127.6 191.4
98 61.1 51.2 76.8





#13
Acrolein
Concen: 94.620 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

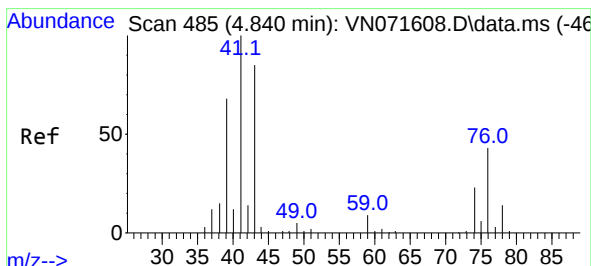
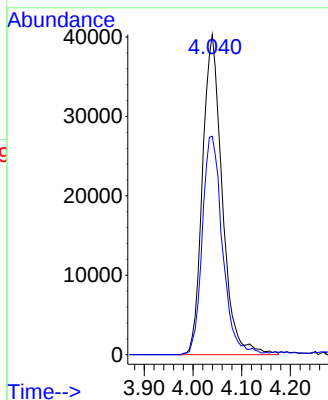
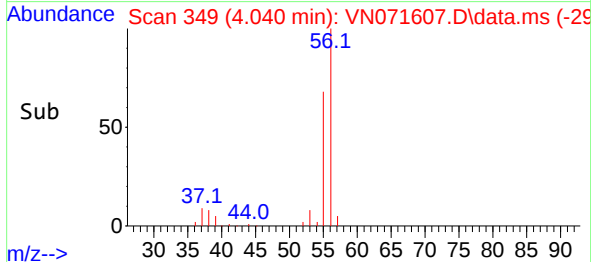
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 113049
Ion Ratio Lower Upper
56 100
55 69.7 54.8 82.2

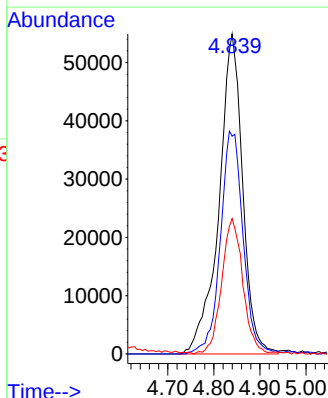
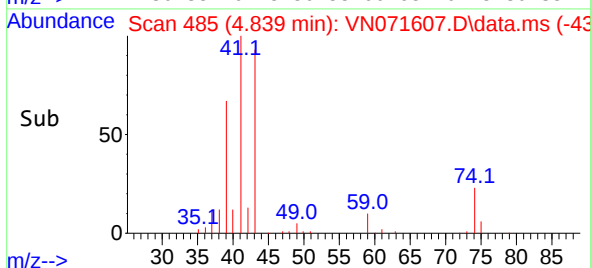
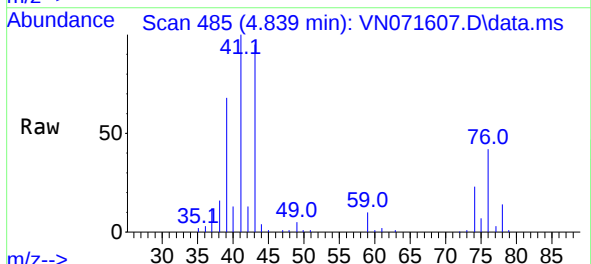
Manual Integrations
APPROVED

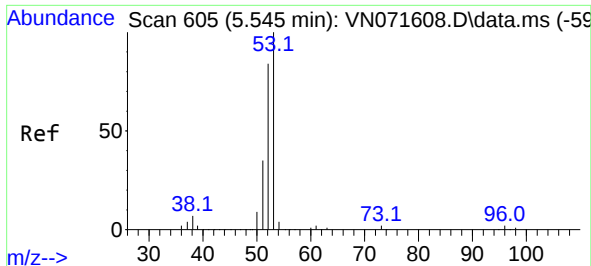
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#14
Allyl chloride
Concen: 18.960 ug/l
RT: 4.839 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

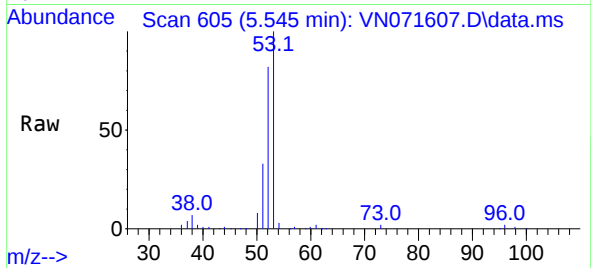
Tgt Ion: 41 Resp: 196321
Ion Ratio Lower Upper
41 100
39 66.6 53.2 79.8
76 37.7 29.9 44.9





#15
Acrylonitrile
Concen: 96.018 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

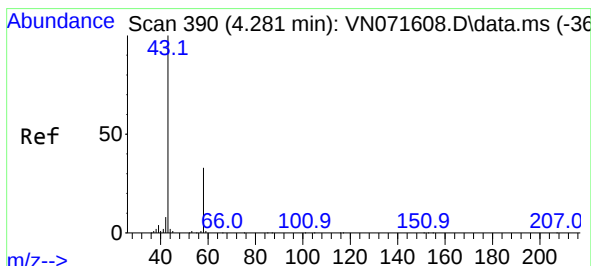
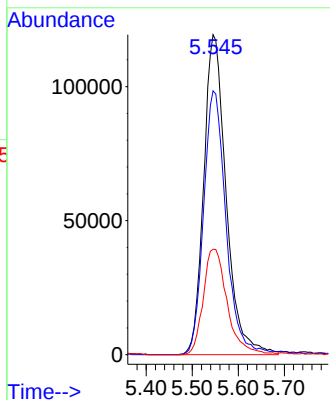
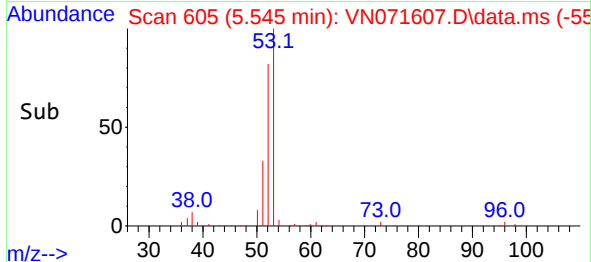
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



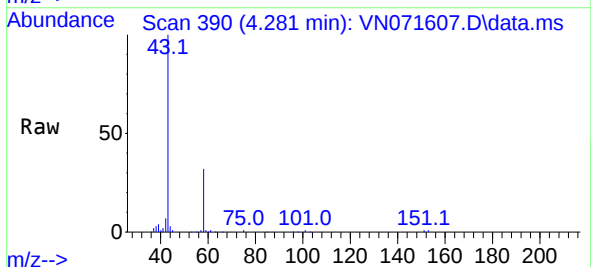
Tgt Ion: 53 Resp: 405092
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 35.2 28.5 42.7

Manual Integrations
APPROVED

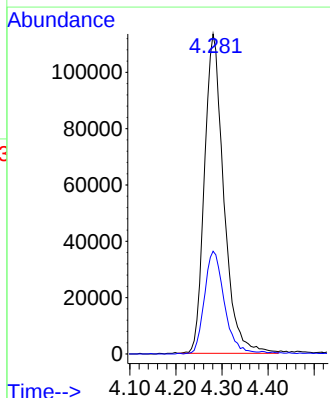
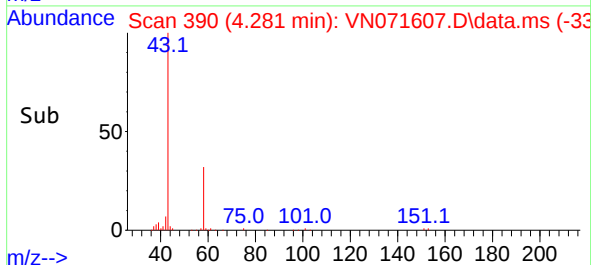
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

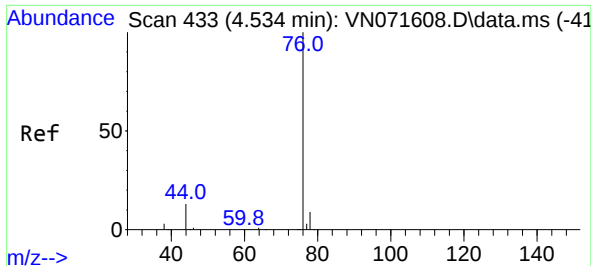


#16
Acetone
Concen: 97.202 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion: 43 Resp: 331218
Ion Ratio Lower Upper
43 100
58 32.0 26.0 39.0





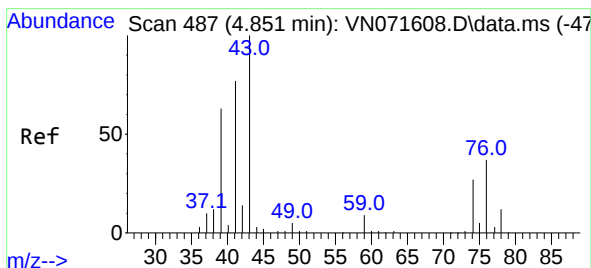
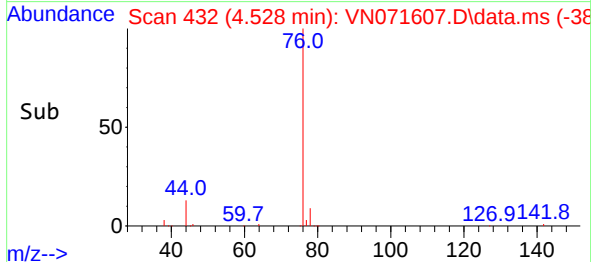
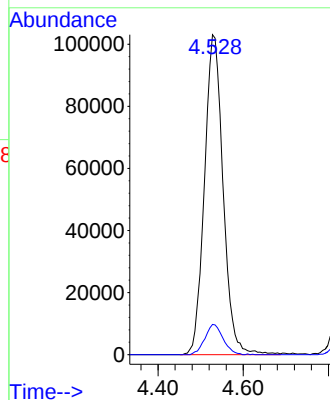
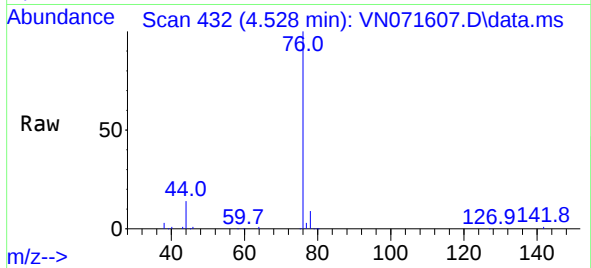
#17
Carbon Disulfide
Concen: 18.984 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 31334
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

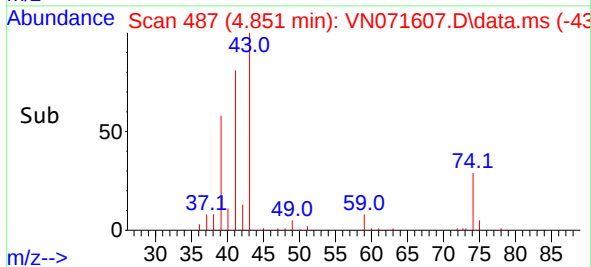
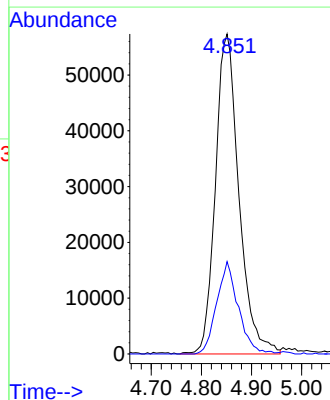
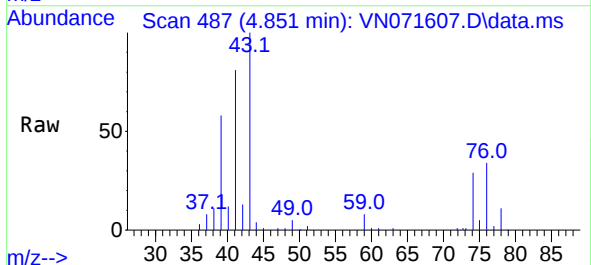
Manual Integrations
APPROVED

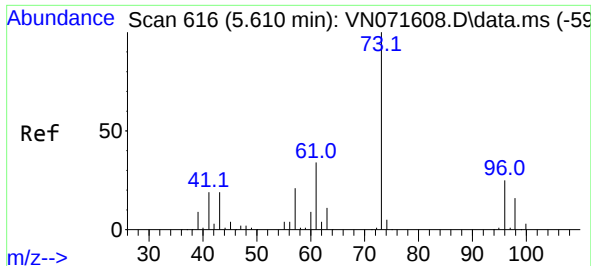
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#18
Methyl Acetate
Concen: 18.275 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

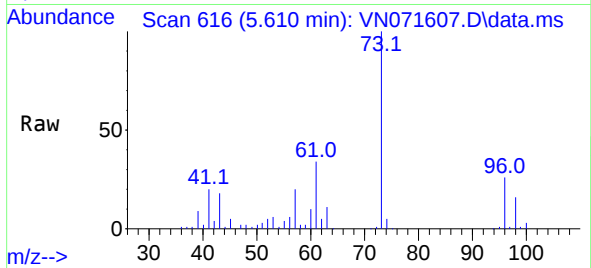
Tgt Ion: 43 Resp: 186658
Ion Ratio Lower Upper
43 100
74 26.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 19.328 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

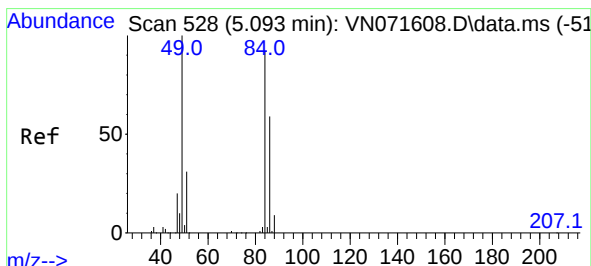
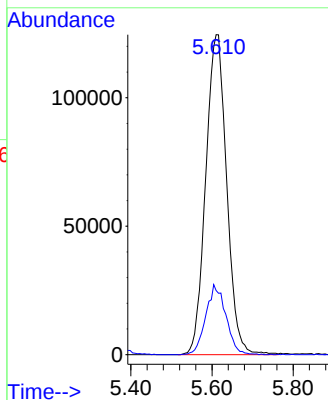
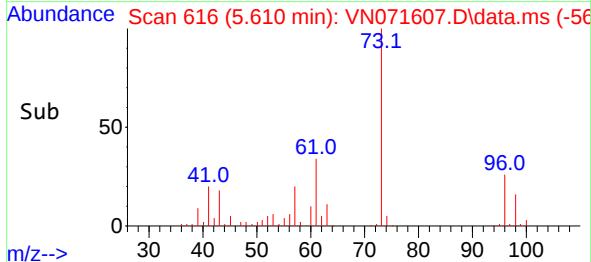
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



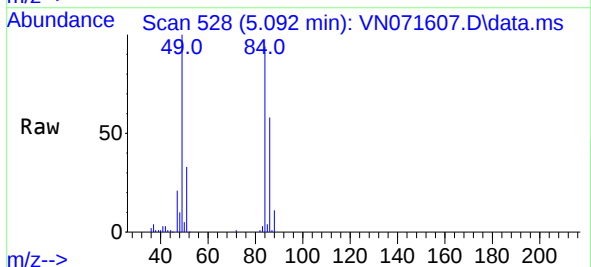
Tgt Ion: 73 Resp: 44601
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

Manual Integrations
APPROVED

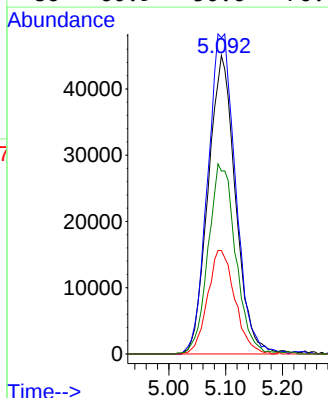
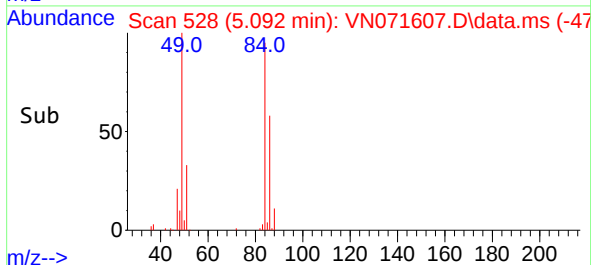
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

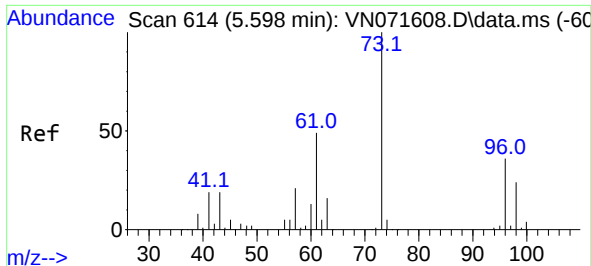


#20
Methylene Chloride
Concen: 18.847 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



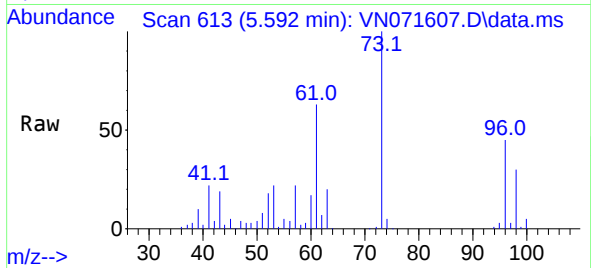
Tgt Ion: 84 Resp: 150146
Ion Ratio Lower Upper
84 100
49 105.9 88.3 132.5
51 34.7 28.2 42.2
86 60.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.182 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

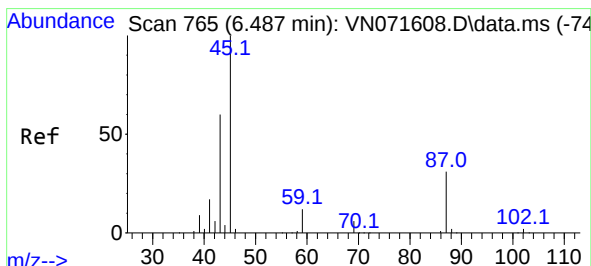
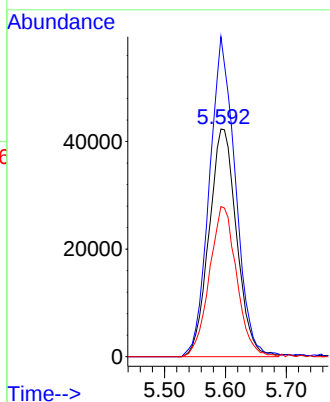
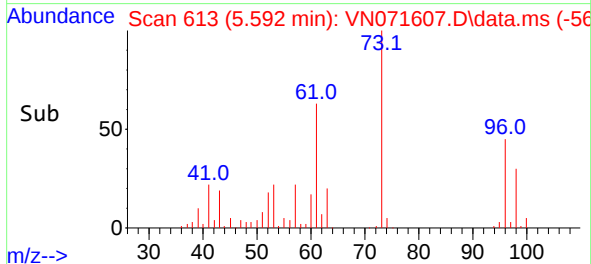
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



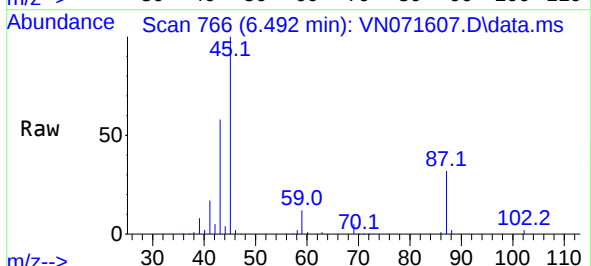
Tgt Ion: 96 Resp: 133091
Ion Ratio Lower Upper
96 100
61 140.6 105.8 158.8
98 65.9 50.3 75.5

Manual Integrations
APPROVED

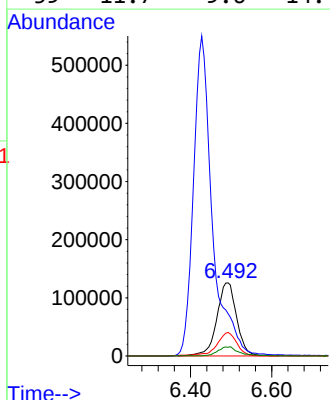
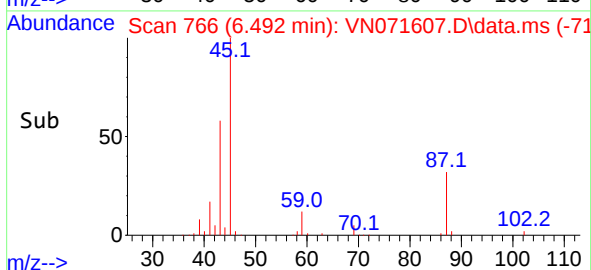
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

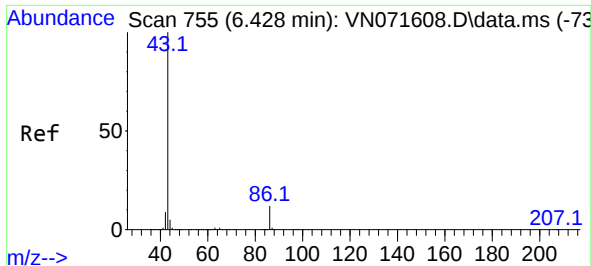


#22
Diisopropyl ether
Concen: 19.810 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



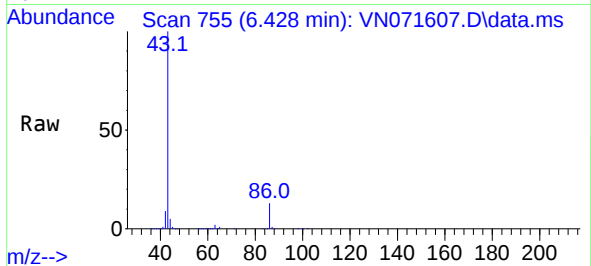
Tgt Ion: 45 Resp: 426441
Ion Ratio Lower Upper
45 100
43 56.1 46.6 70.0
87 32.1 24.3 36.5
59 11.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 96.439 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071607.D
 Acq: 28 Mar 2022 16:22

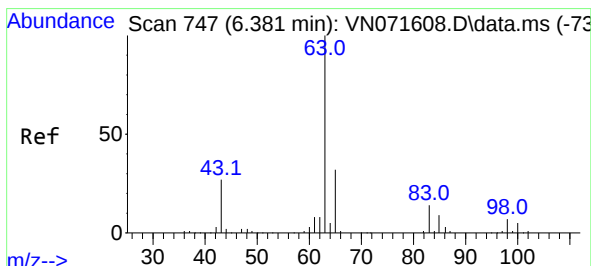
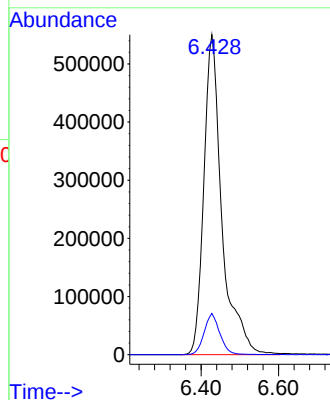
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



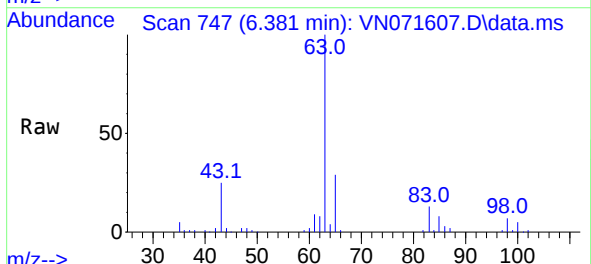
Tgt Ion: 43 Resp: 178194
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.0 15.0

Manual Integrations
 APPROVED

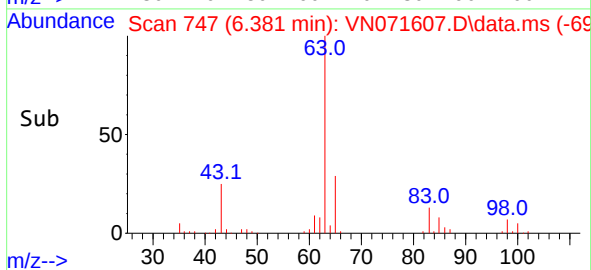
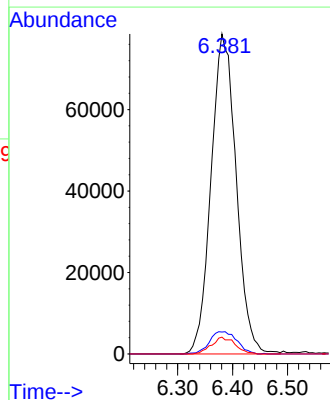
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

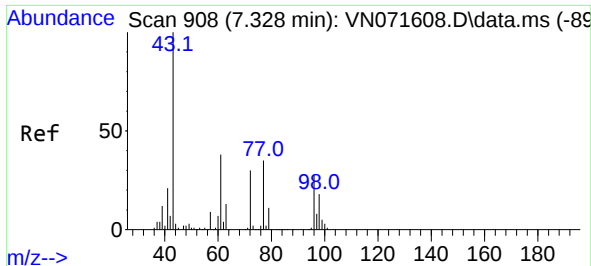


#24
 1,1-Dichloroethane
 Concen: 19.106 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071607.D
 Acq: 28 Mar 2022 16:22



Tgt Ion: 63 Resp: 249108
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 5.3 2.3 6.8





#25

2-Butanone

Concen: 95.755 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071607.D

Acq: 28 Mar 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 52382

Ion Ratio Lower Upper

43 100

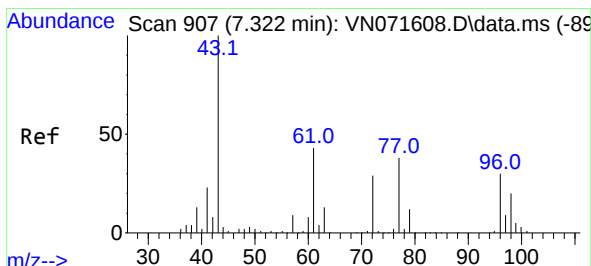
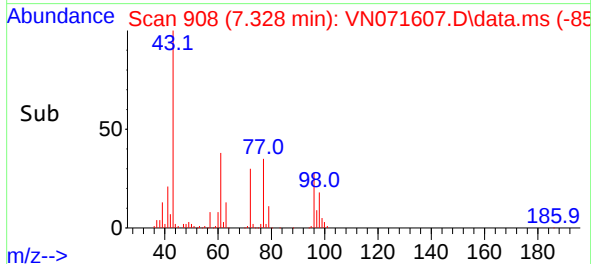
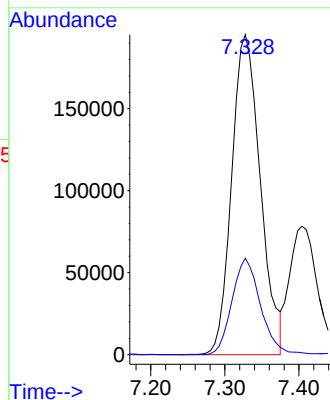
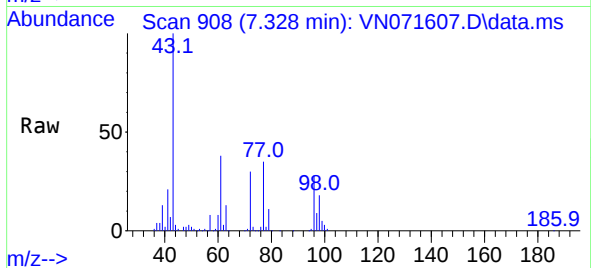
72 30.2 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#26

2,2-Dichloropropane

Concen: 19.903 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071607.D

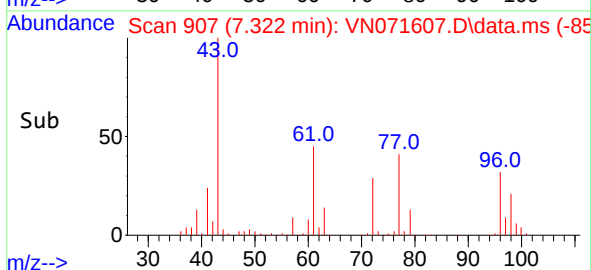
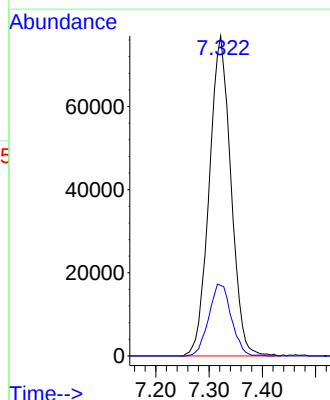
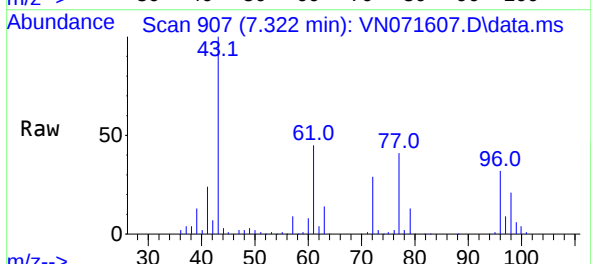
Acq: 28 Mar 2022 16:22

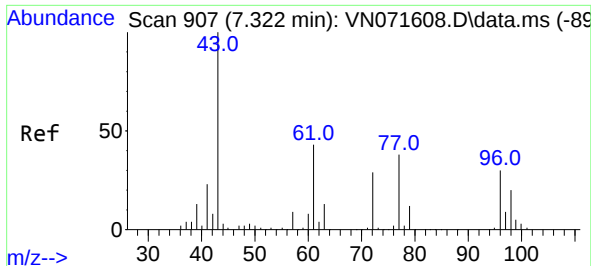
Tgt Ion: 77 Resp: 217937

Ion Ratio Lower Upper

77 100

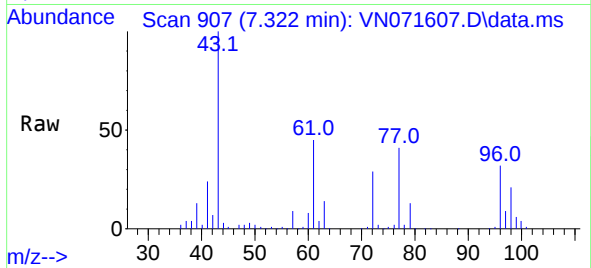
97 23.3 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 19.486 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

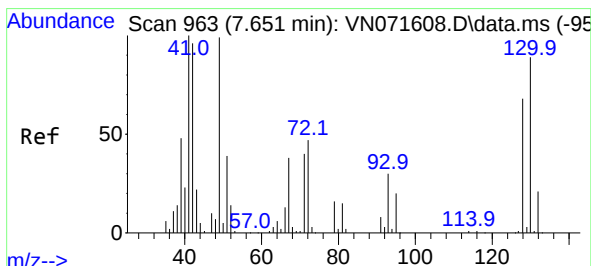
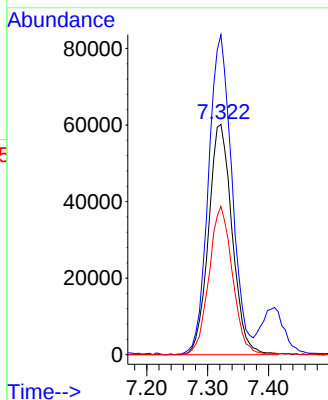
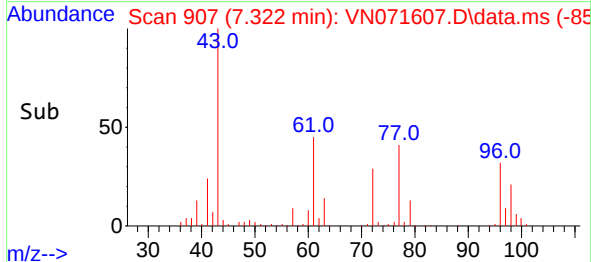
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



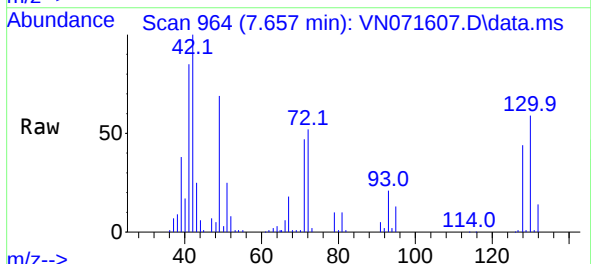
Tgt Ion: 96 Resp: 162295
Ion Ratio Lower Upper
96 100
61 137.9 0.0 280.6
98 63.7 0.0 128.4

Manual Integrations
APPROVED

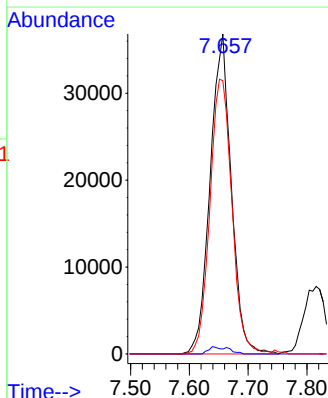
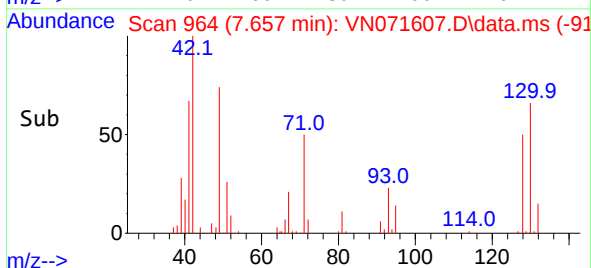
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

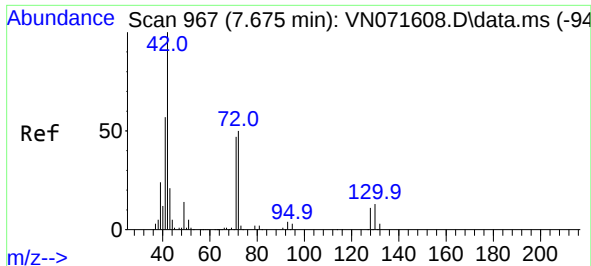


#28
Bromochloromethane
Concen: 17.223 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion: 49 Resp: 91708
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 89.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 95.529 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071607.D

Acq: 28 Mar 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

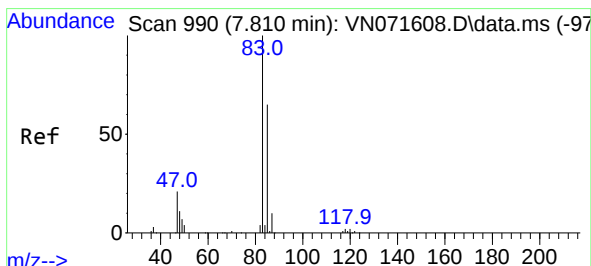
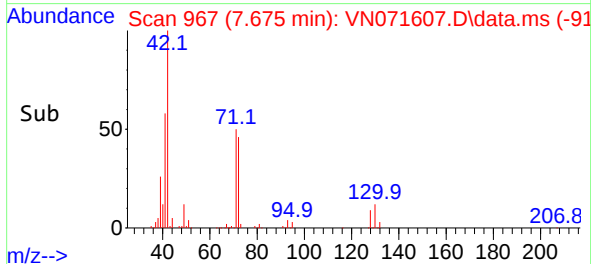
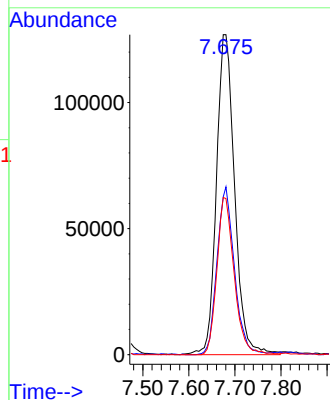
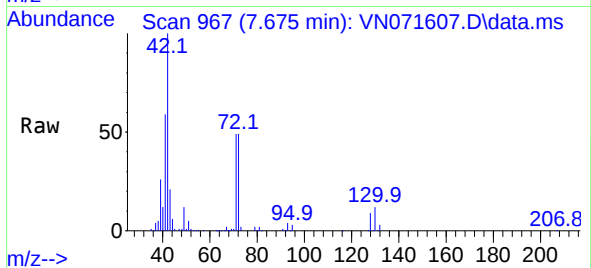
VSTDICC020

Tgt Ion: 42 Resp: 347440
 Ion Ratio Lower Upper
 42 100
 72 50.0 39.7 59.5
 71 46.7 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#30

Chloroform

Concen: 19.687 ug/l

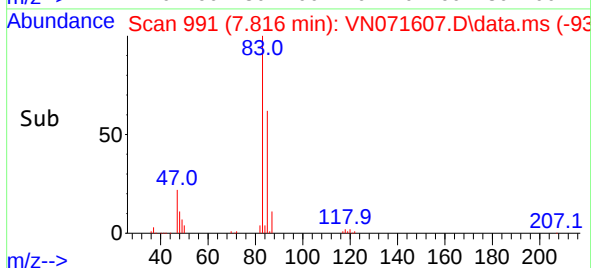
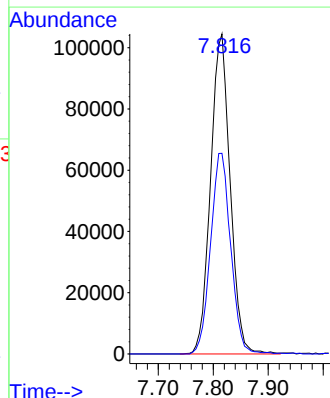
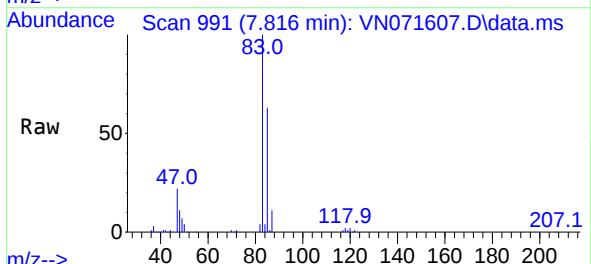
RT: 7.816 min Scan# 991

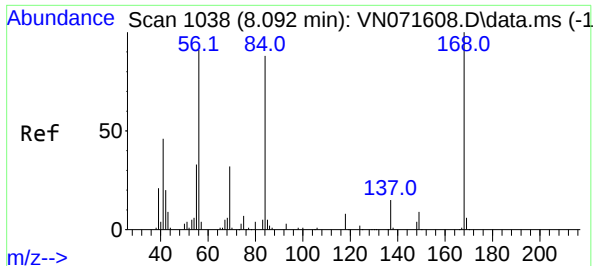
Delta R.T. 0.006 min

Lab File: VN071607.D

Acq: 28 Mar 2022 16:22

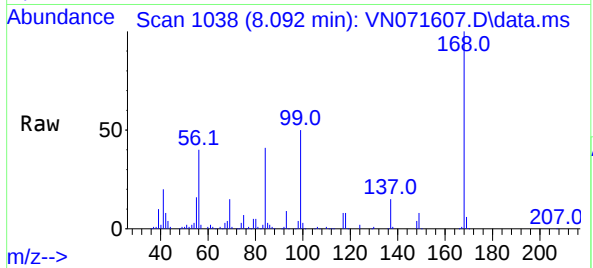
Tgt Ion: 83 Resp: 258618
 Ion Ratio Lower Upper
 83 100
 85 62.7 51.8 77.8





#31
Cyclohexane
Concen: 19.900 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

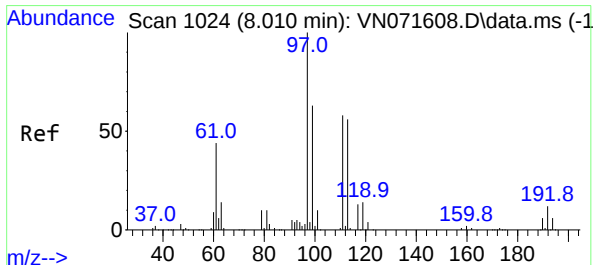
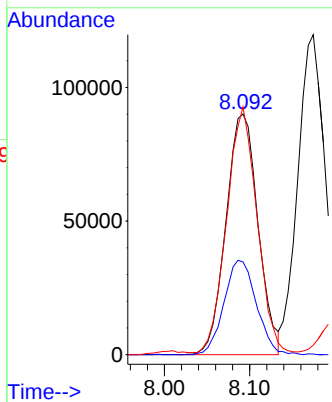
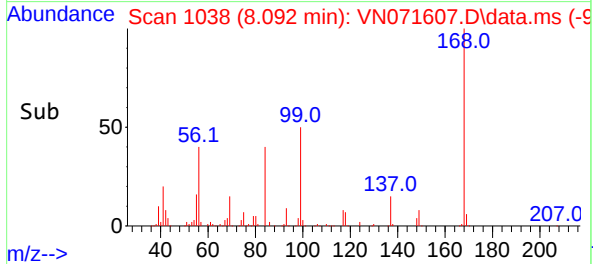
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



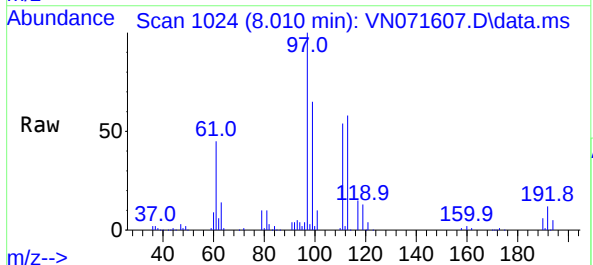
Tgt Ion: 56 Resp: 23606
Ion Ratio Lower Upper
56 100
69 38.6 27.8 41.8
84 102.1 76.9 115.3

Manual Integrations
APPROVED

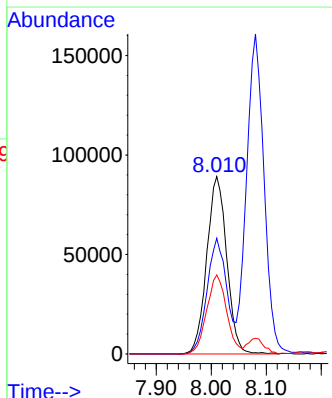
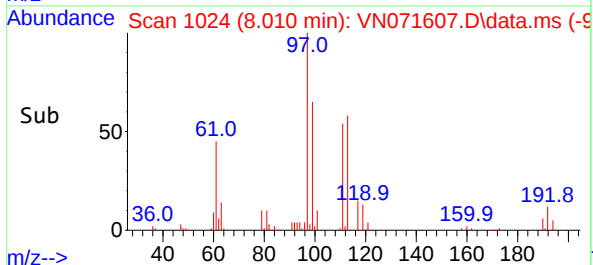
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

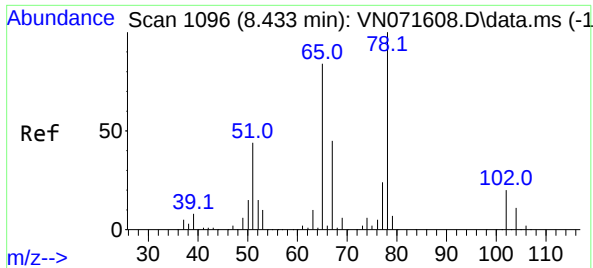


#32
1,1,1-Trichloroethane
Concen: 19.755 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion: 97 Resp: 225584
Ion Ratio Lower Upper
97 100
99 65.4 50.6 76.0
61 44.5 36.0 54.0





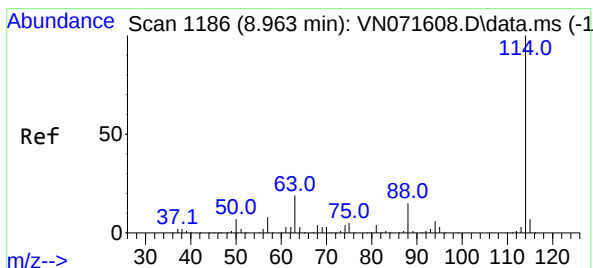
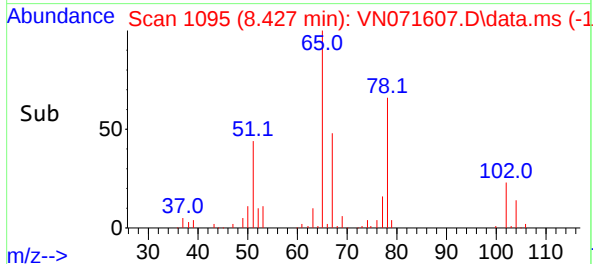
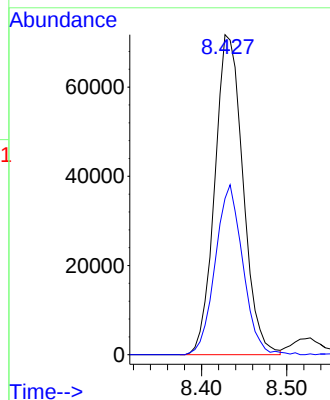
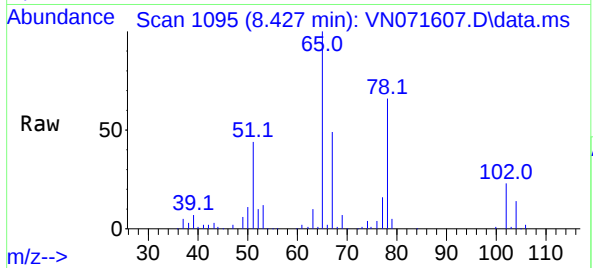
#33
1,2-Dichloroethane-d4
Concen: 19.705 ug/l
RT: 8.427 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 16500
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

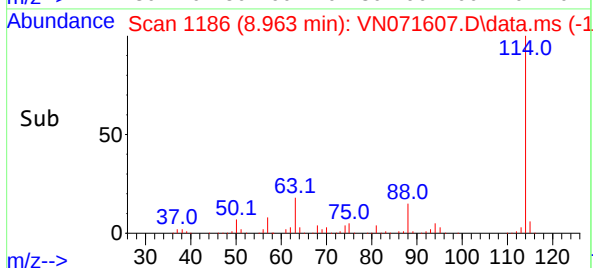
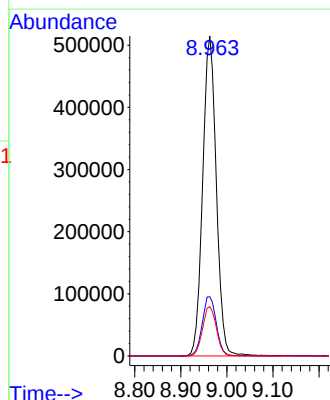
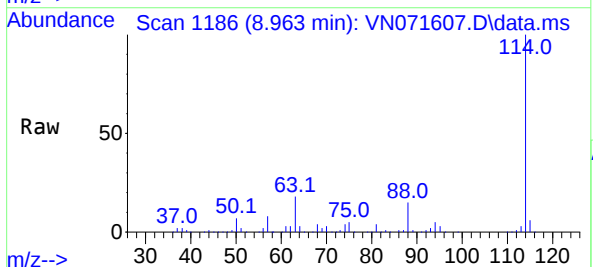
Manual Integrations
APPROVED

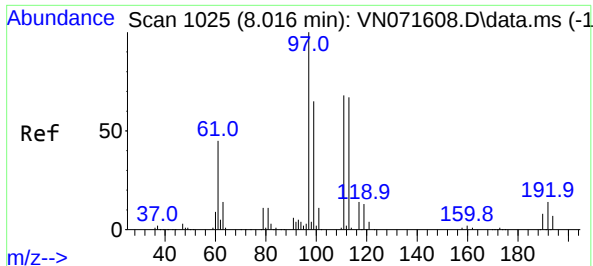
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

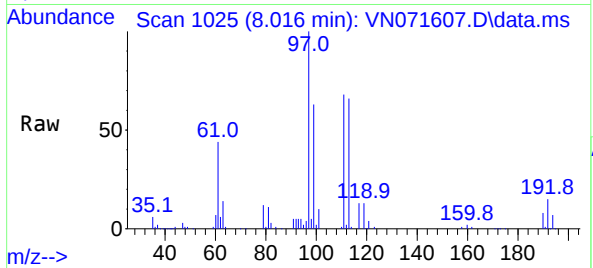
Tgt Ion:114 Resp: 1063139
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 19.969 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

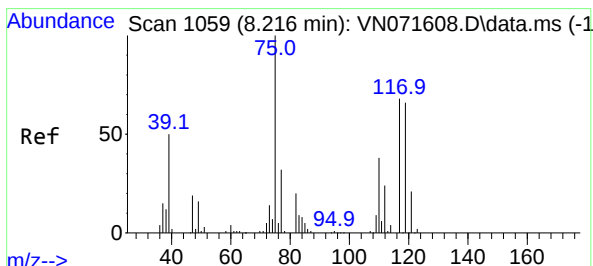
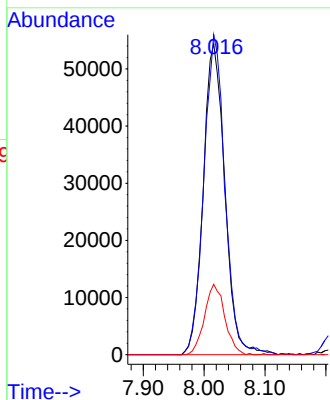
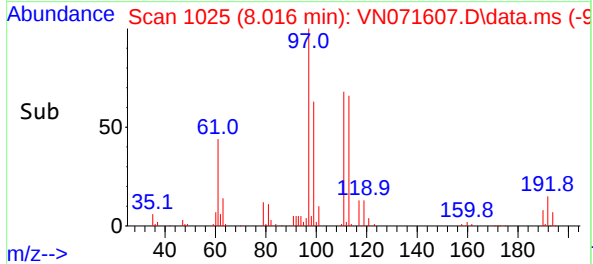
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



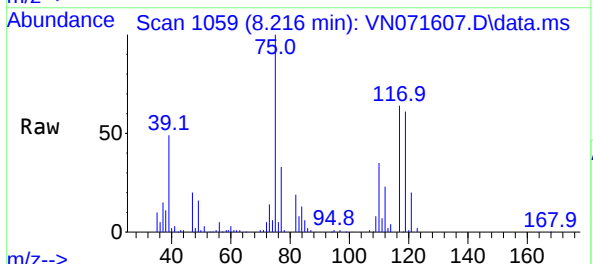
Tgt Ion:113 Resp: 13423
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.0
192 21.3 17.0 25.6

Manual Integrations
APPROVED

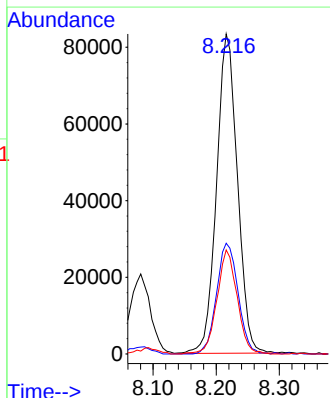
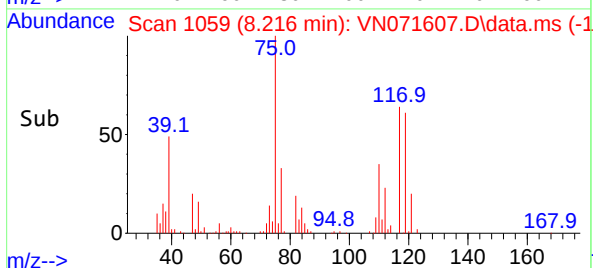
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

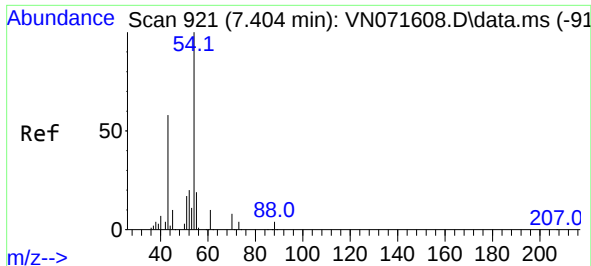


#36
1,1-Dichloropropene
Concen: 19.907 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



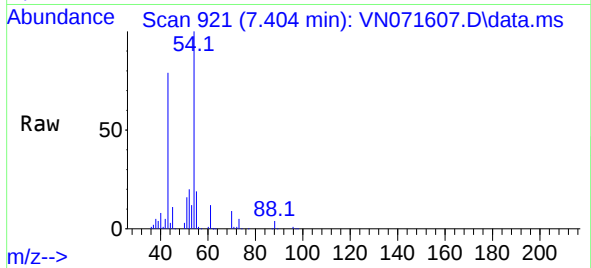
Tgt Ion: 75 Resp: 191229
Ion Ratio Lower Upper
75 100
110 35.7 18.3 54.8
77 31.6 25.1 37.7





#37
Ethyl Acetate
Concen: 20.382 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

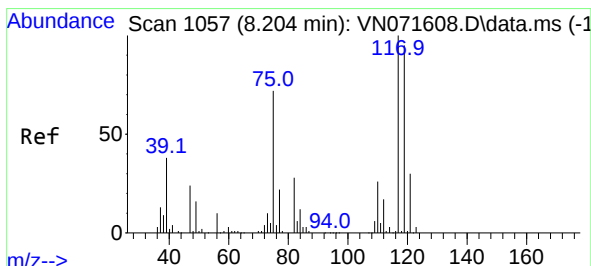
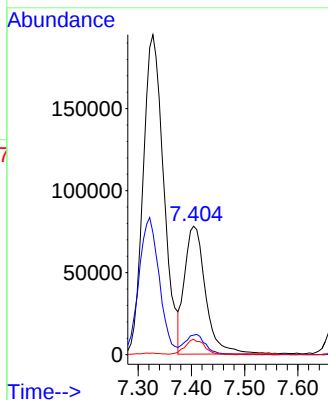
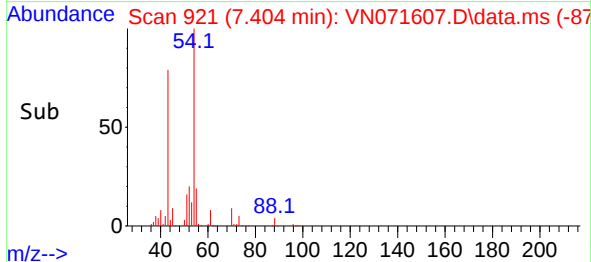
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 212600
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 11.2 9.3 13.9

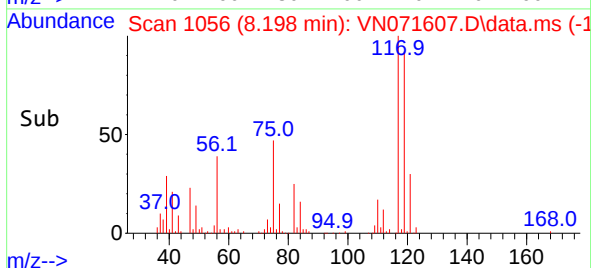
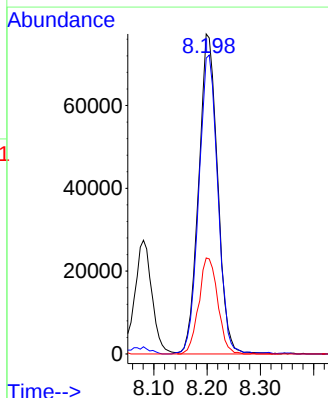
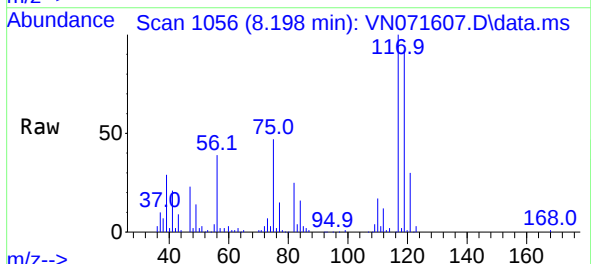
Manual Integrations
APPROVED

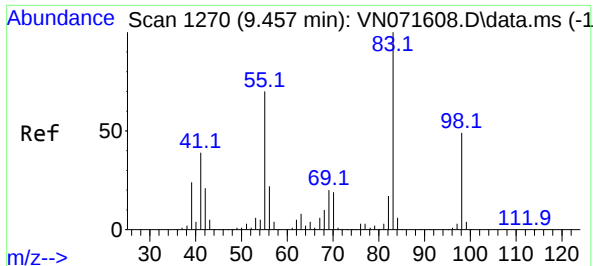
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#38
Carbon Tetrachloride
Concen: 20.245 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Tgt Ion:117 Resp: 190763
Ion Ratio Lower Upper
117 100
119 92.2 75.8 113.8
121 30.0 24.6 37.0





#39

Methylcyclohexane

Concen: 20.817 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071607.D

Acq: 28 Mar 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 24468

Ion Ratio Lower Upper

83 100

55 69.6 57.8 86.8

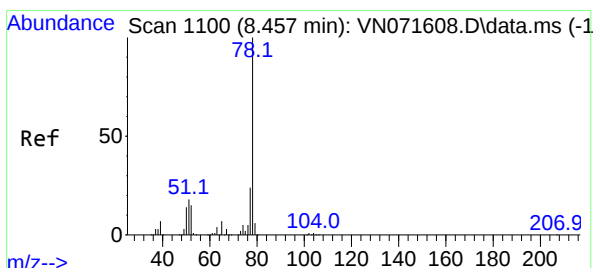
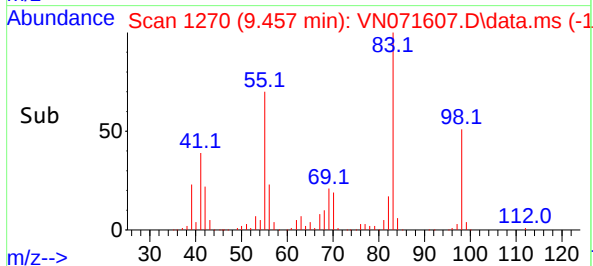
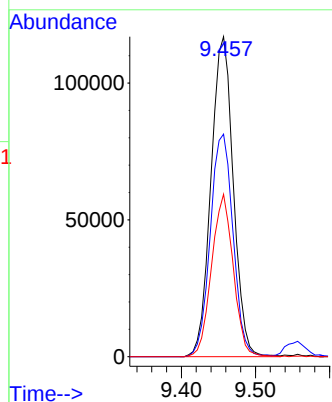
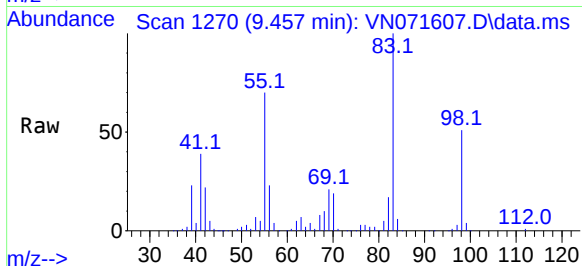
98 50.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#40

Benzene

Concen: 19.962 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071607.D

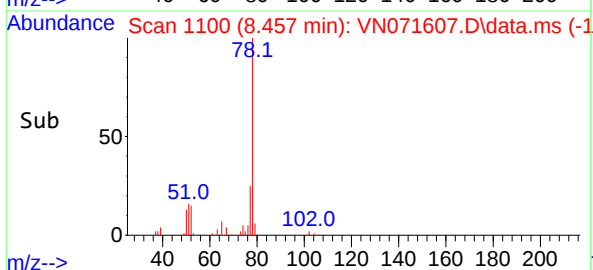
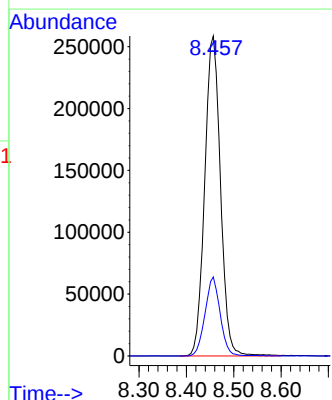
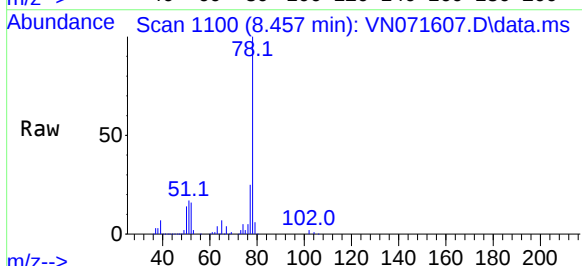
Acq: 28 Mar 2022 16:22

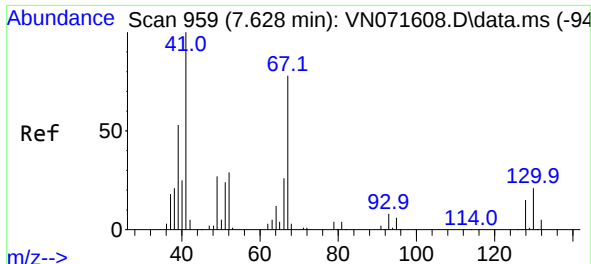
Tgt Ion: 78 Resp: 597603

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.0





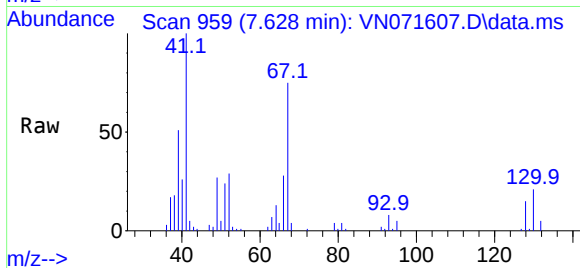
#41
Methacrylonitrile
Concen: 19.816 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



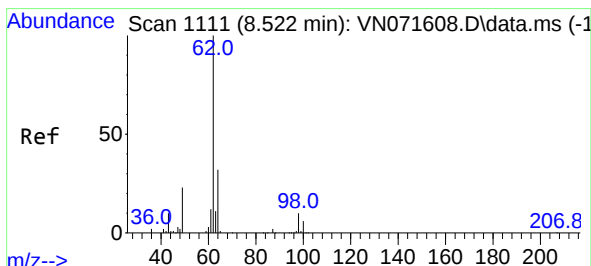
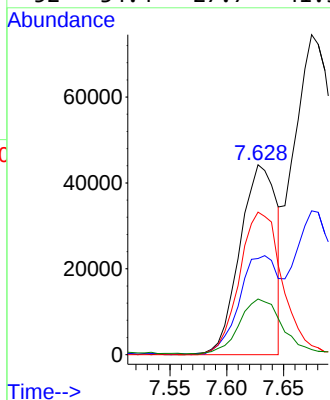
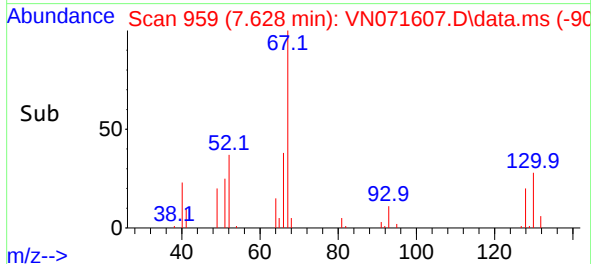
Tgt Ion: 41 Resp: 99215
Ion Ratio Lower Upper
41 100
39 60.1 48.6 73.0
67 88.3 73.4 110.2
52 34.4 27.7 41.5

Manual Integrations

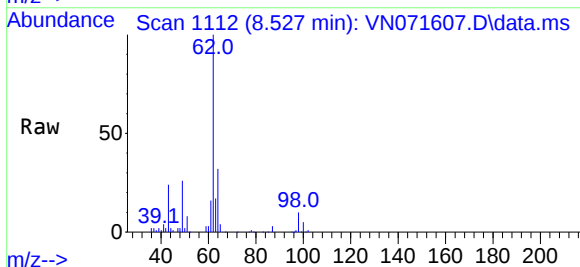
APPROVED

Reviewed By :John Carlone 03/29/2022

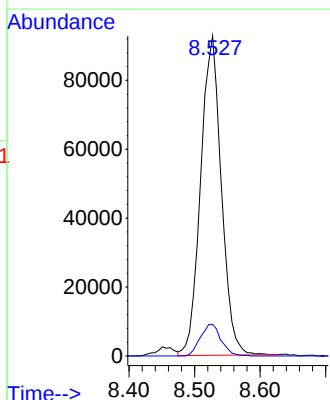
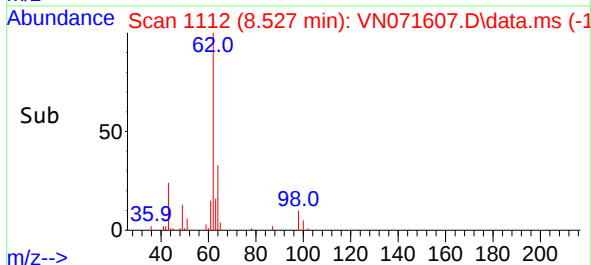
Supervised By :Mahesh Dadoda 03/29/2022

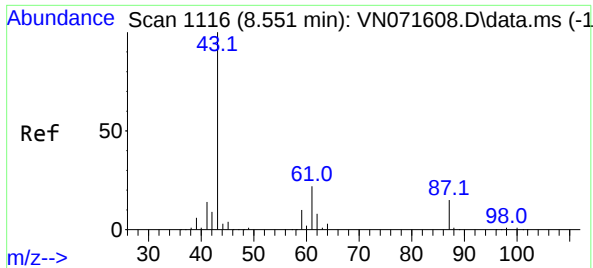


#42
1,2-Dichloroethane
Concen: 19.524 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



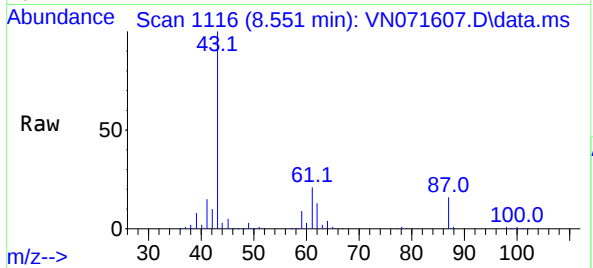
Tgt Ion: 62 Resp: 203606
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 18.224 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

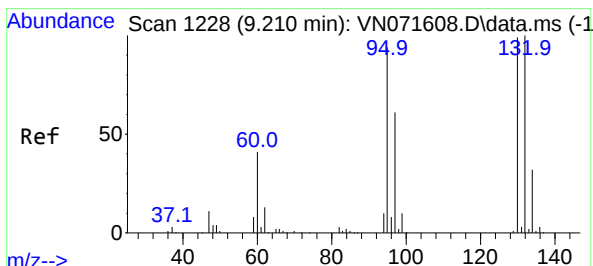
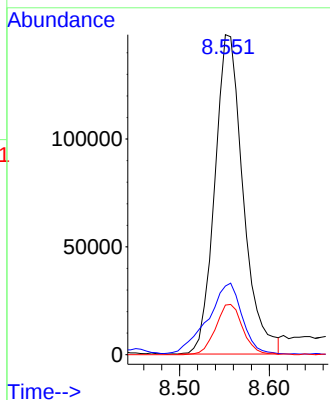
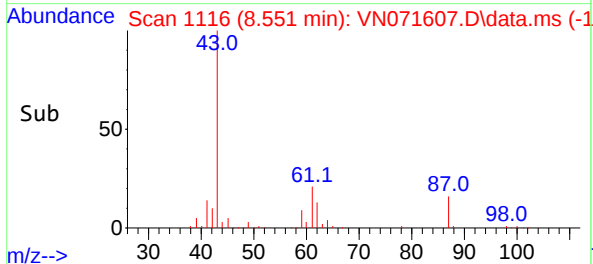
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



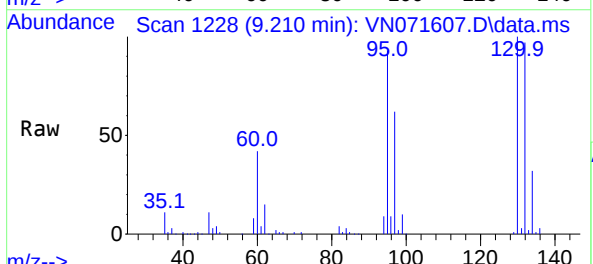
Tgt Ion: 43 Resp: 326204
Ion Ratio Lower Upper
43 100
61 27.0 21.9 32.9
87 15.1 12.0 18.0

Manual Integrations
APPROVED

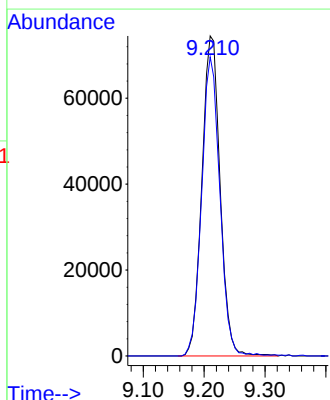
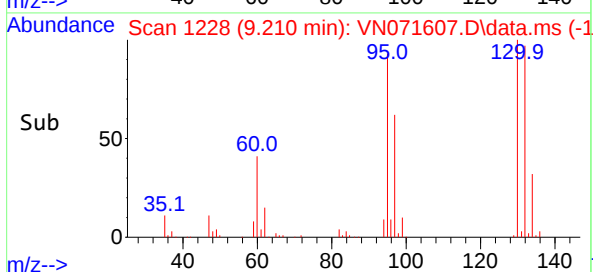
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

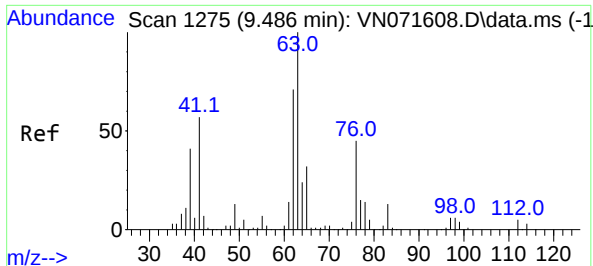


#44
Trichloroethene
Concen: 19.885 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



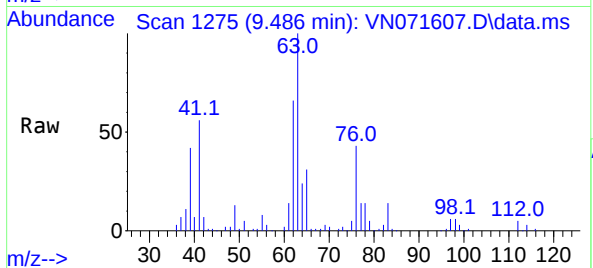
Tgt Ion:130 Resp: 154781
Ion Ratio Lower Upper
130 100
95 93.4 0.0 186.8





#45
1,2-Dichloropropane
Concen: 19.777 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

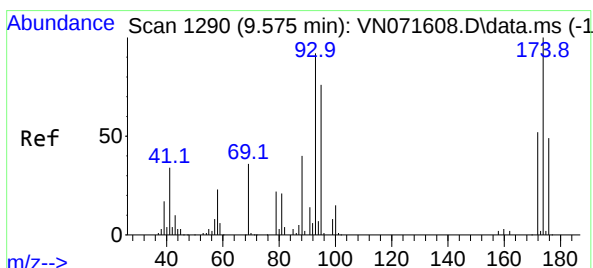
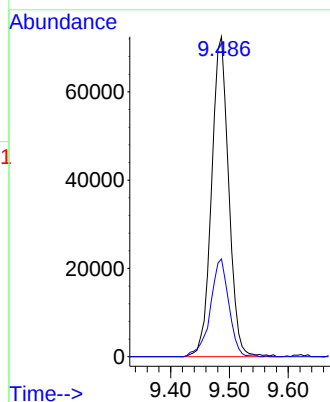
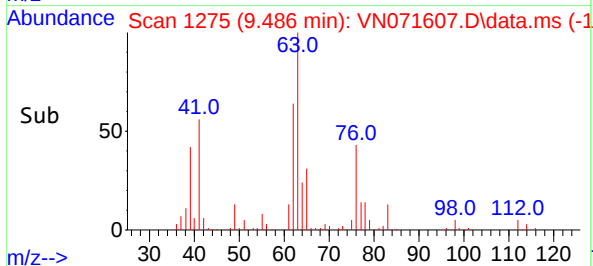
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



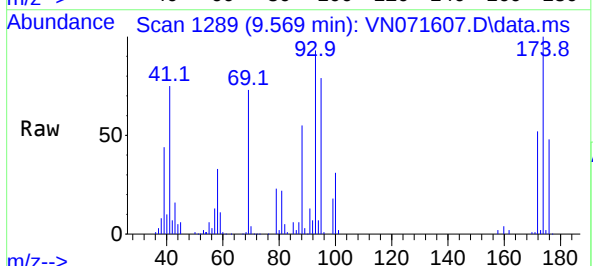
Tgt Ion: 63 Resp: 14675
Ion Ratio Lower Upper
63 100
65 30.6 24.9 37.3

Manual Integrations
APPROVED

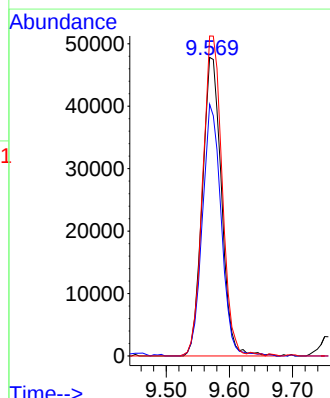
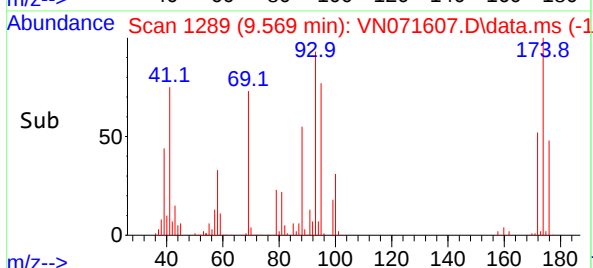
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

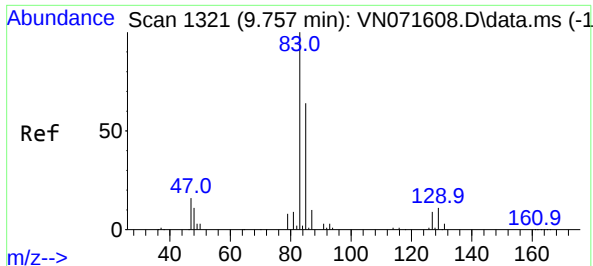


#46
Dibromomethane
Concen: 19.821 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



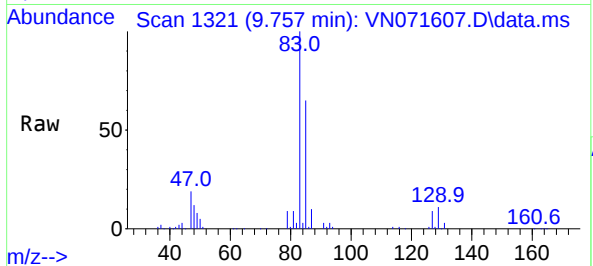
Tgt Ion: 93 Resp: 100303
Ion Ratio Lower Upper
93 100
95 83.1 66.9 100.3
174 108.3 86.6 130.0





#47
Bromodichloromethane
Concen: 19.728 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

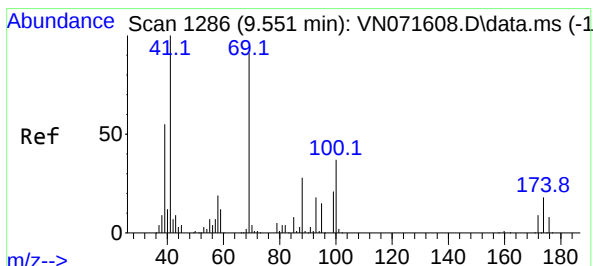
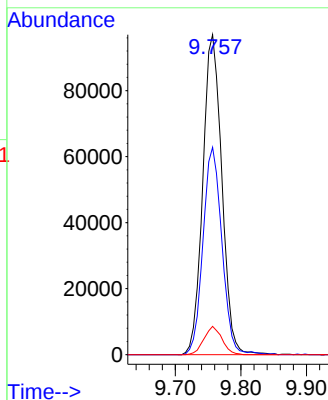
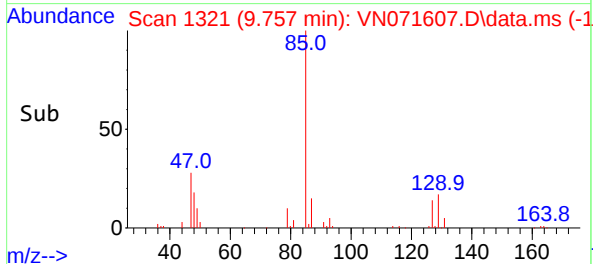
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



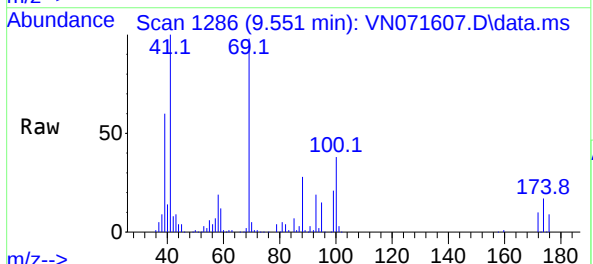
Tgt Ion: 83 Resp: 196040
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7
127 8.9 6.8 10.2

Manual Integrations
APPROVED

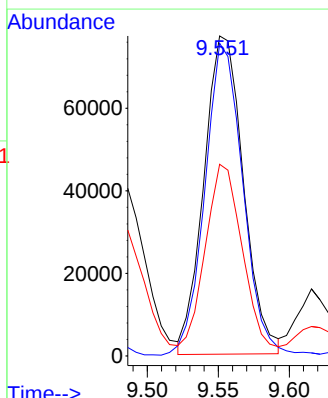
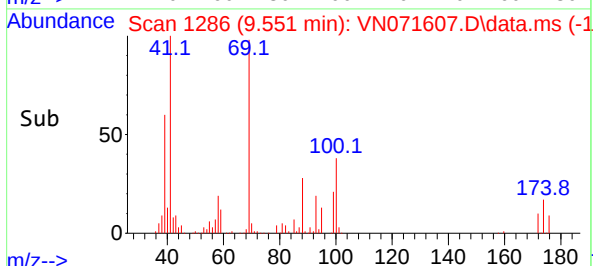
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

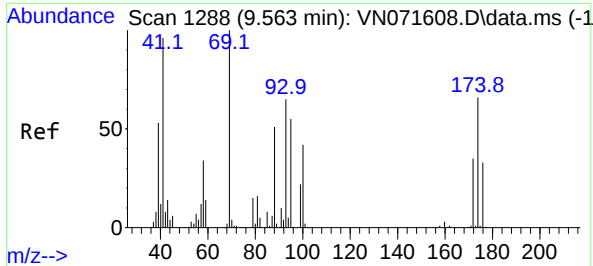


#48
Methyl methacrylate
Concen: 19.745 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion: 41 Resp: 149339
Ion Ratio Lower Upper
41 100
69 94.3 74.7 112.1
39 57.2 45.6 68.4





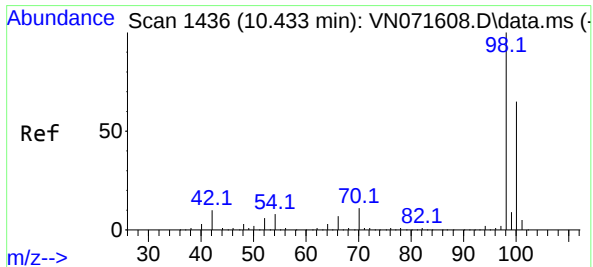
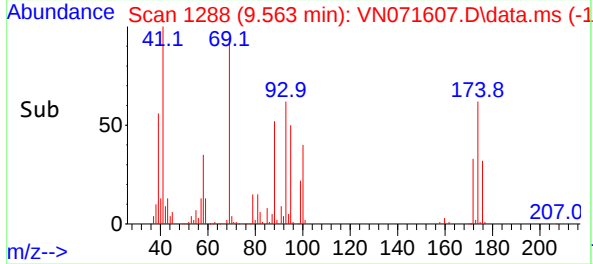
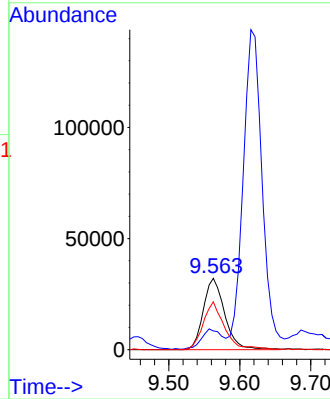
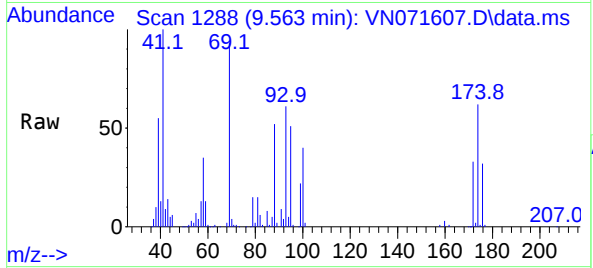
#49
1,4-Dioxane
Concen: 389.631 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 6719
Ion Ratio Lower Upper
88 100
43 26.9 20.2 30.4
58 67.6 54.2 81.4

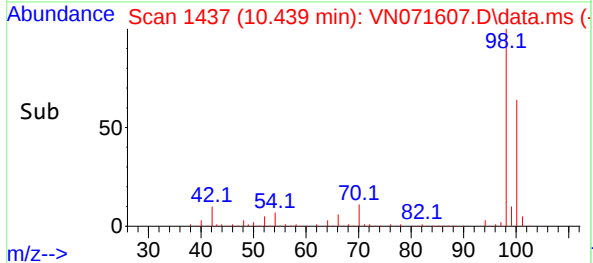
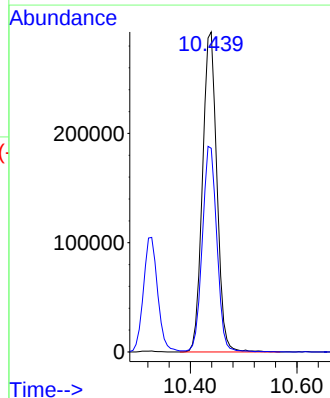
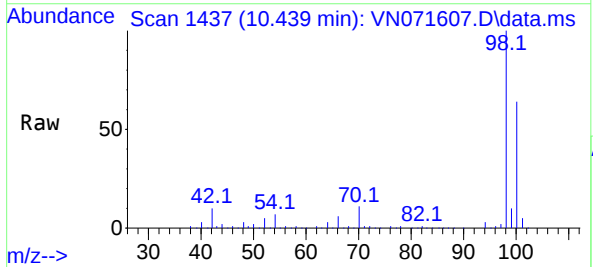
Manual Integrations
APPROVED

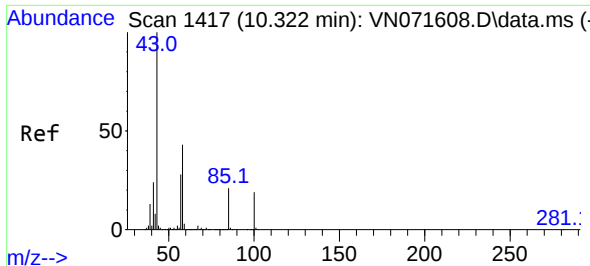
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#50
Toluene-d8
Concen: 20.124 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

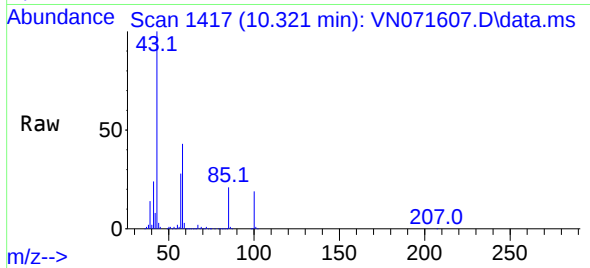
Tgt Ion: 98 Resp: 547834
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 98.374 ug/l
RT: 10.321 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

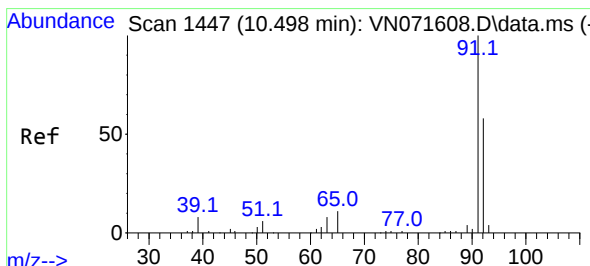
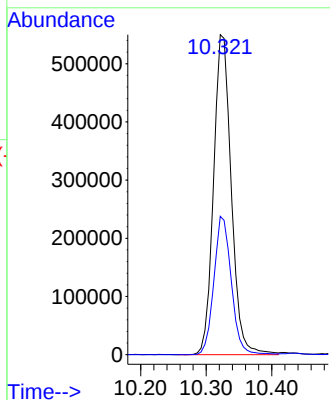
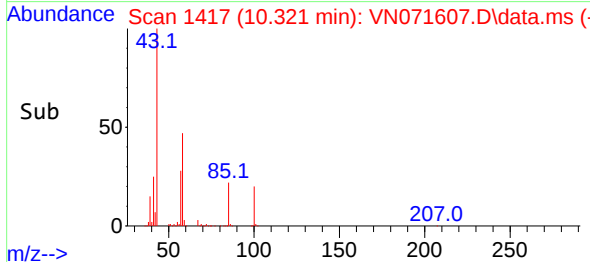
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



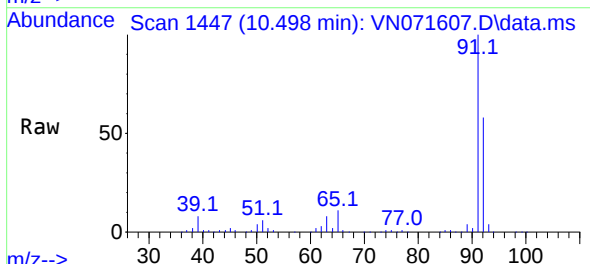
Tgt Ion: 43 Resp: 1031330
Ion Ratio Lower Upper
43 100
58 42.4 34.1 51.1

Manual Integrations
APPROVED

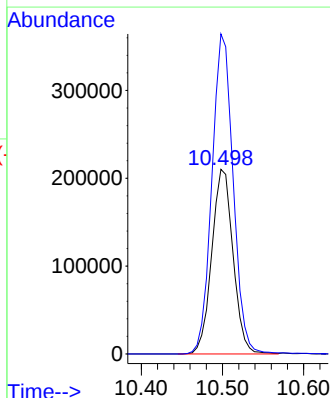
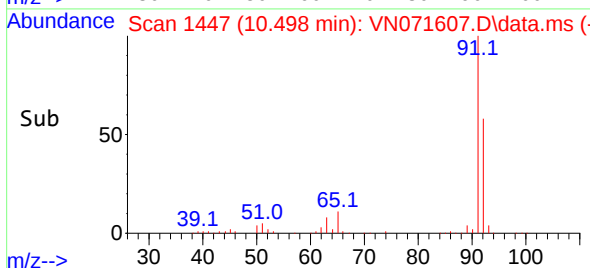
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

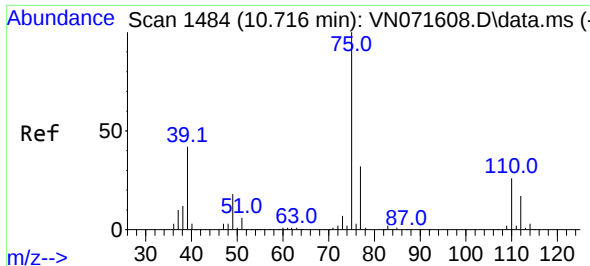


#52
Toluene
Concen: 20.446 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion: 92 Resp: 383616
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





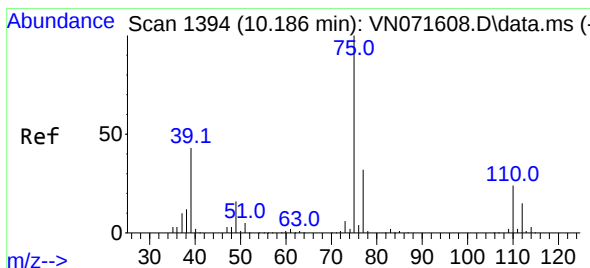
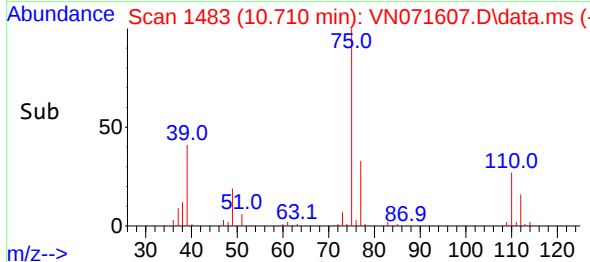
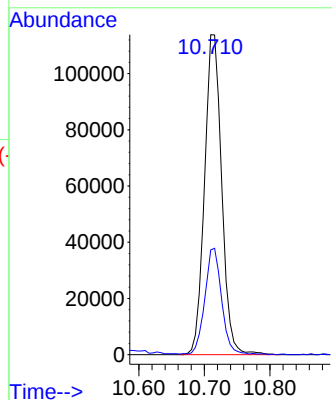
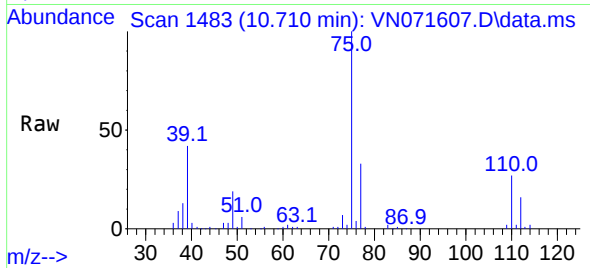
#53
t-1,3-Dichloropropene
Concen: 19.500 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 207630
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4

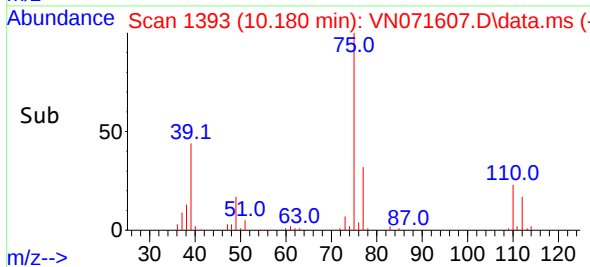
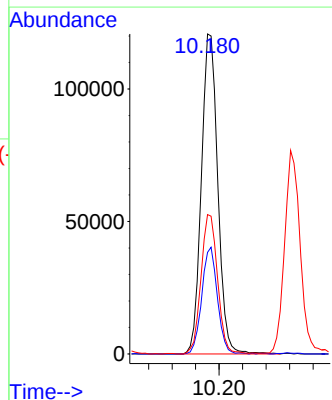
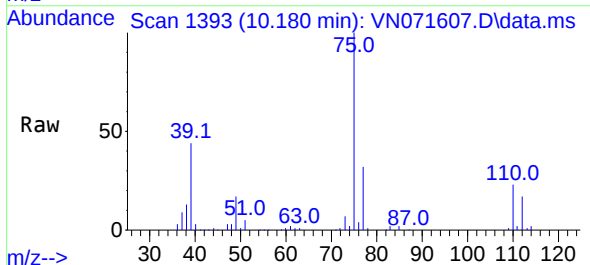
Manual Integrations
APPROVED

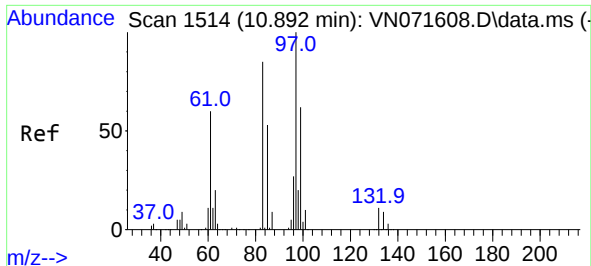
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#54
cis-1,3-Dichloropropene
Concen: 19.978 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

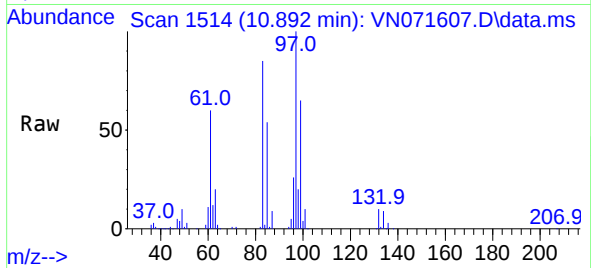
Tgt Ion: 75 Resp: 234875
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 43.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.765 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

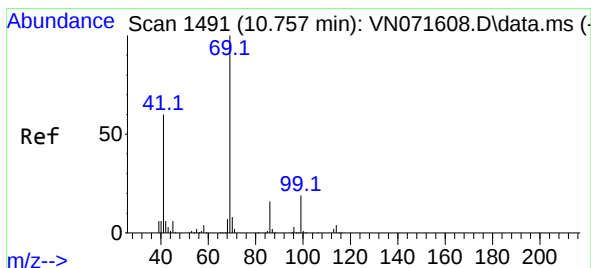
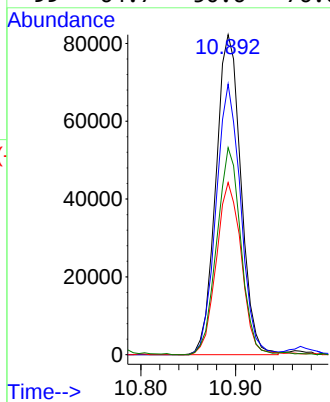
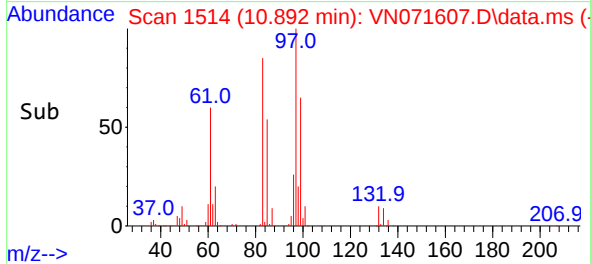


Tgt Ion: 97 Resp: 15090

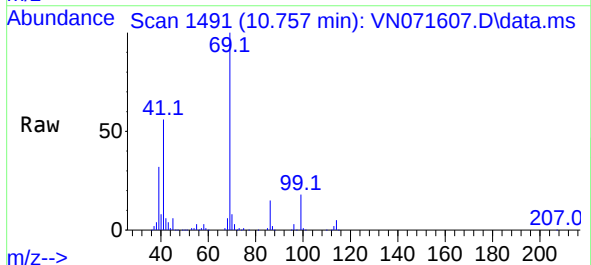
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.2	99.4
85	53.8	43.9	65.9
99	64.7	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

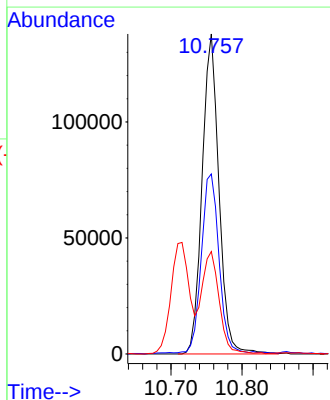
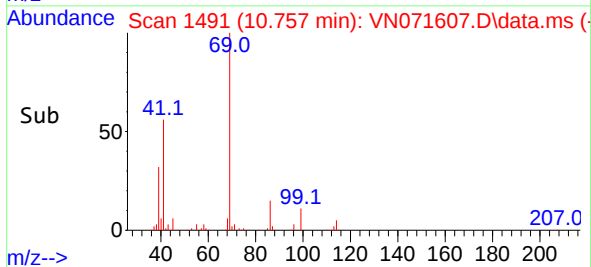


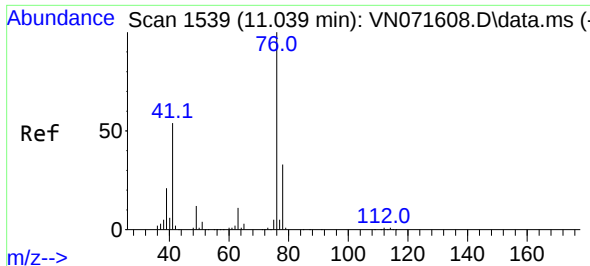
#56
Ethyl methacrylate
Concen: 19.840 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion: 69 Resp: 227338

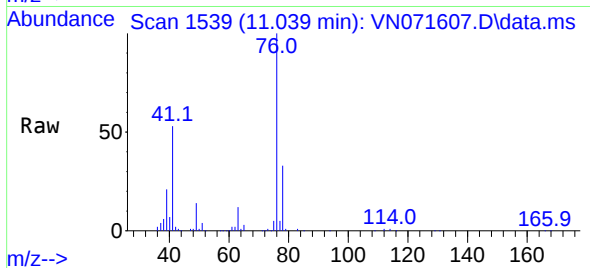
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.8	71.6
39	33.6	27.3	40.9





#57
1,3-Dichloropropane
Concen: 19.969 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

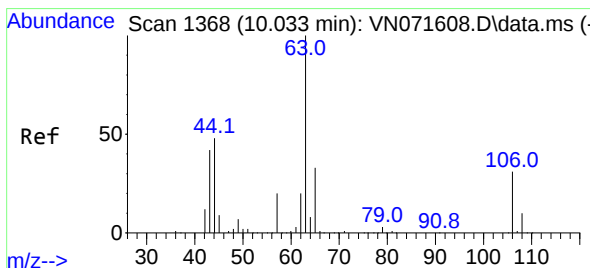
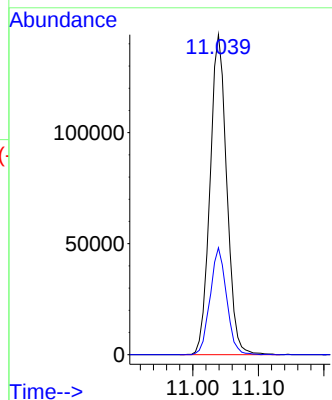
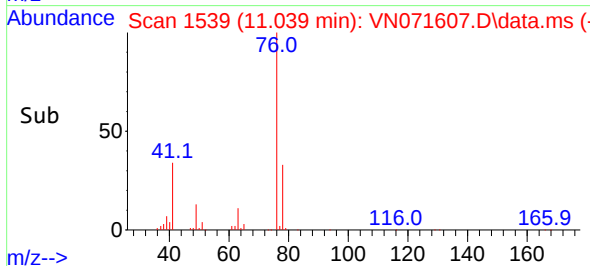
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



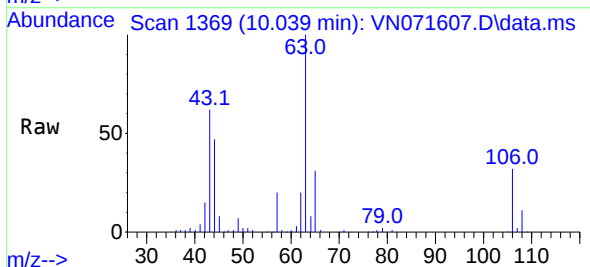
Tgt Ion: 76 Resp: 255660
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.2

Manual Integrations
APPROVED

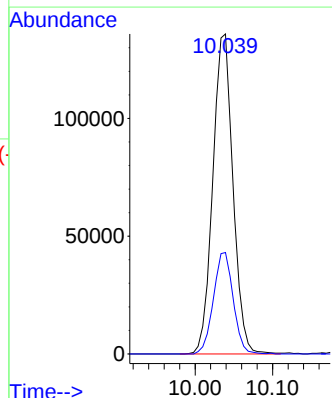
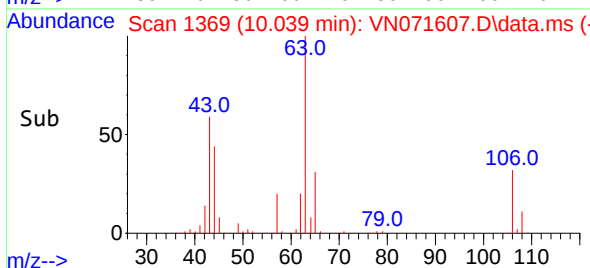
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

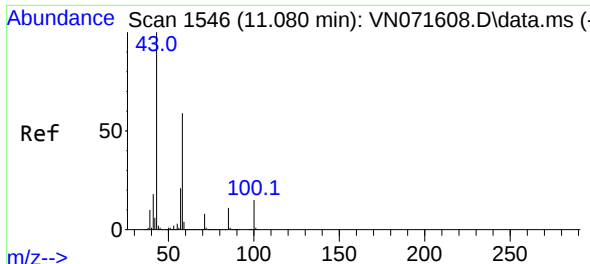


#58
2-Chloroethyl Vinyl ether
Concen: 86.279 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



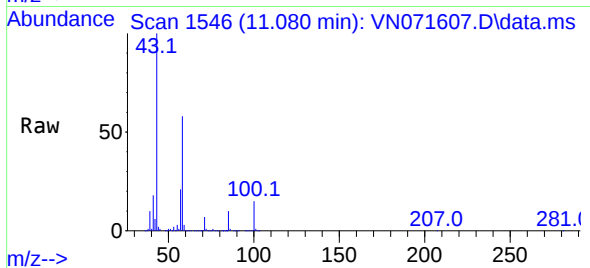
Tgt Ion: 63 Resp: 245576
Ion Ratio Lower Upper
63 100
106 31.1 24.6 36.8





#59
2-Hexanone
Concen: 97.779 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

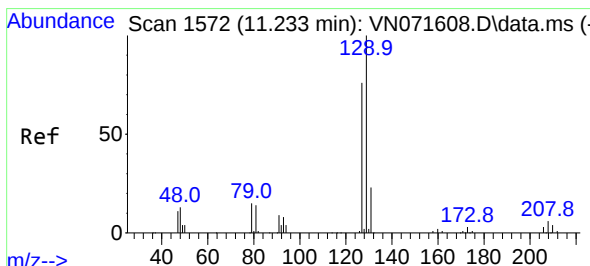
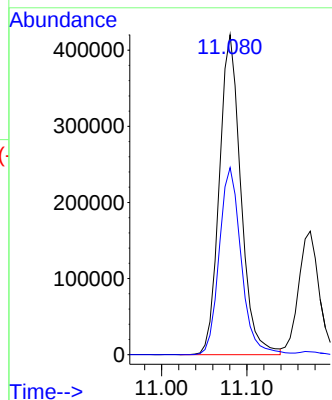
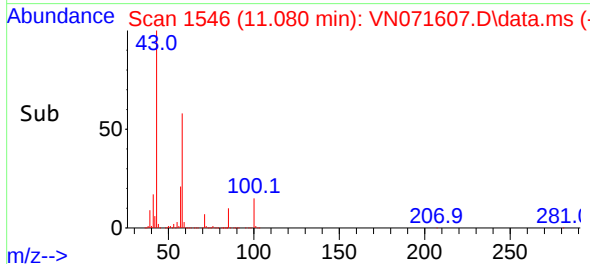
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



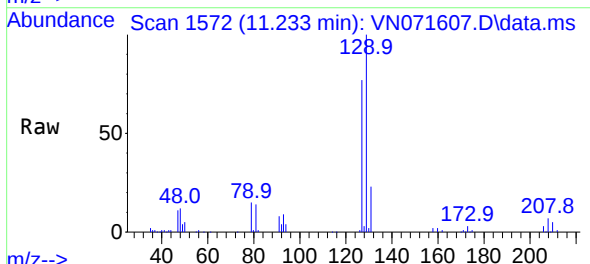
Tgt Ion: 43 Resp: 73838
Ion Ratio Lower Upper
43 100
58 59.7 29.7 89.1

Manual Integrations
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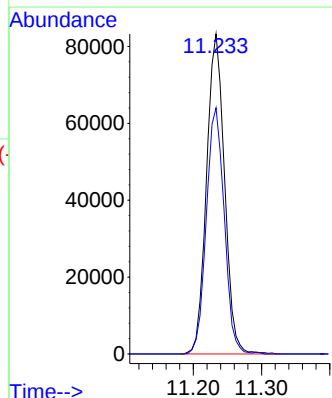
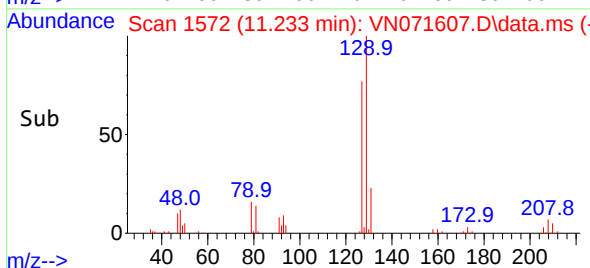
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

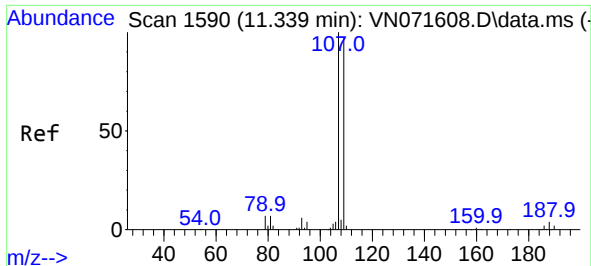


#60
Dibromochloromethane
Concen: 19.820 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



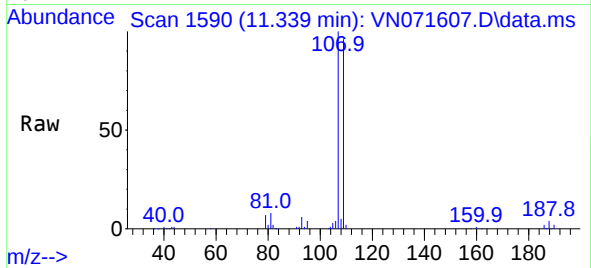
Tgt Ion:129 Resp: 152853
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.010 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

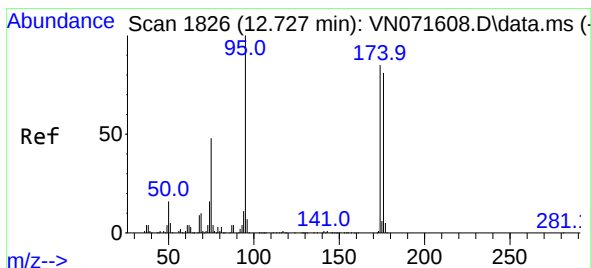
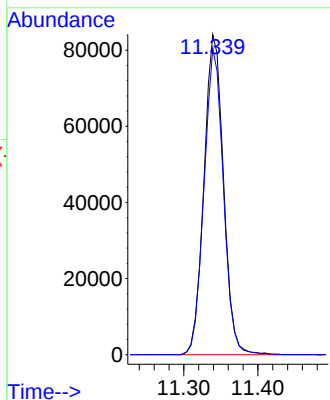
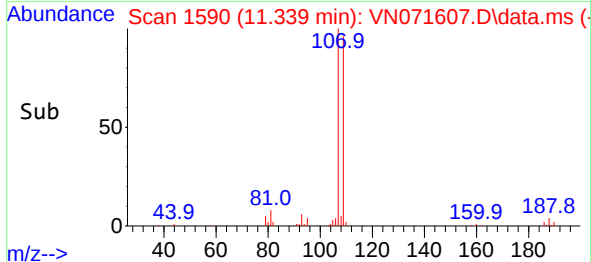
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



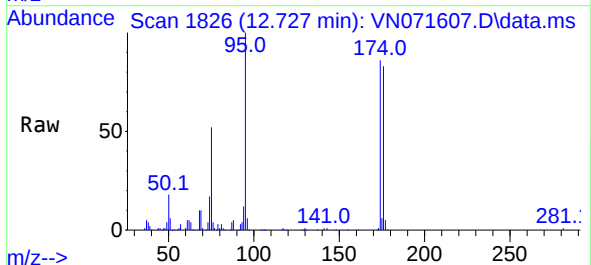
Tgt Ion:107 Resp: 153708
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6

Manual Integrations
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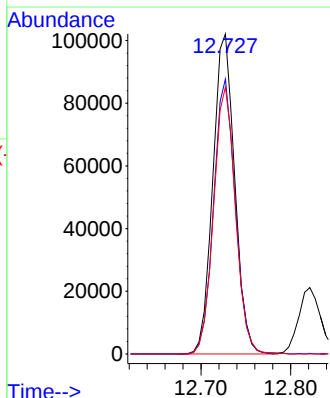
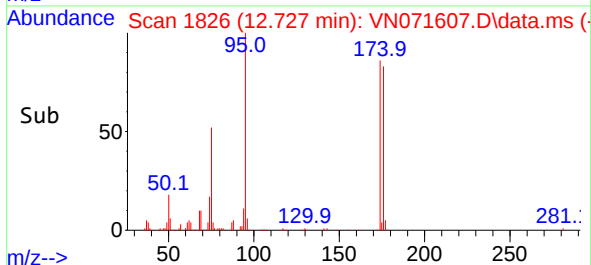
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

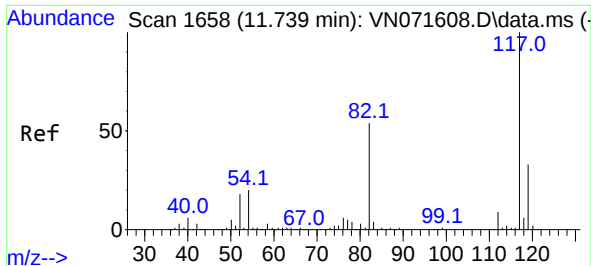


#62
4-Bromofluorobenzene
Concen: 19.260 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



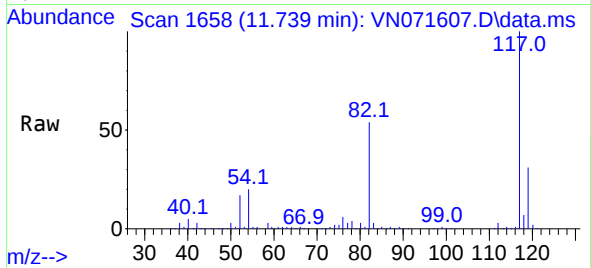
Tgt Ion: 95 Resp: 172342
Ion Ratio Lower Upper
95 100
174 85.3 0.0 167.6
176 83.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

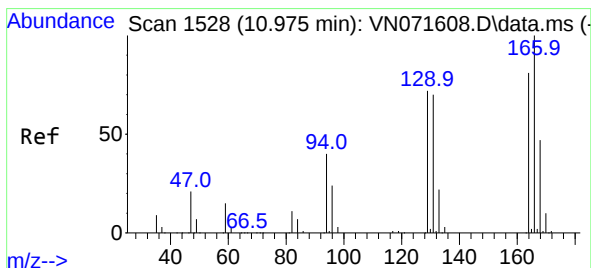
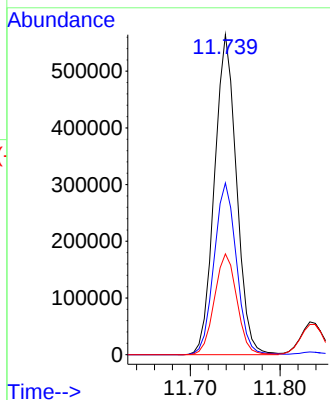
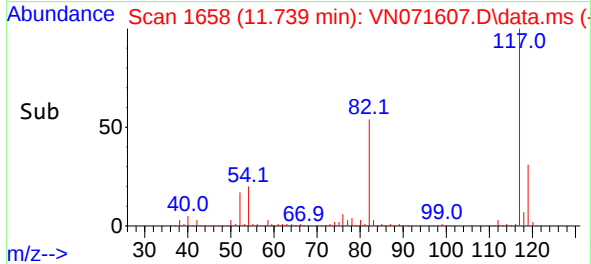
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



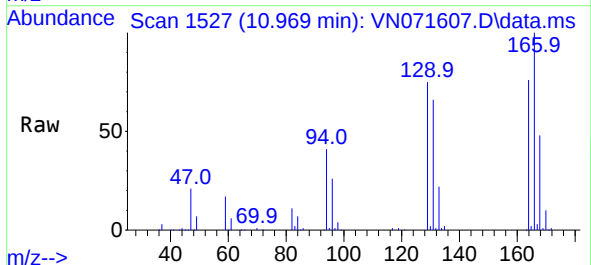
Tgt Ion:117 Resp: 962414
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 31.5 25.4 38.0

Manual Integrations
APPROVED

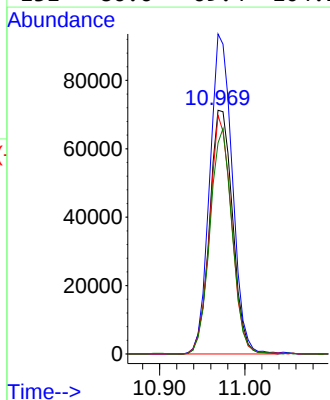
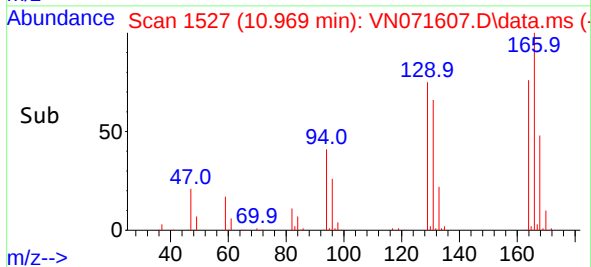
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

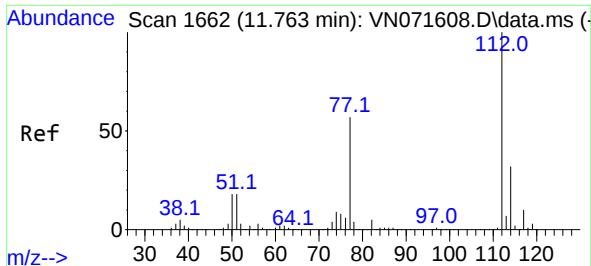


#64
Tetrachloroethene
Concen: 20.015 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



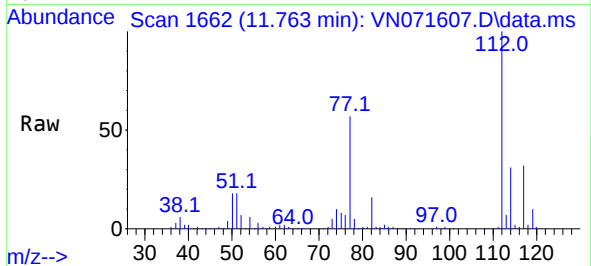
Tgt Ion:164 Resp: 133754
Ion Ratio Lower Upper
164 100
166 131.3 104.2 156.2
129 97.9 73.9 110.9
131 86.6 69.4 104.2





#65
Chlorobenzene
Concen: 20.086 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

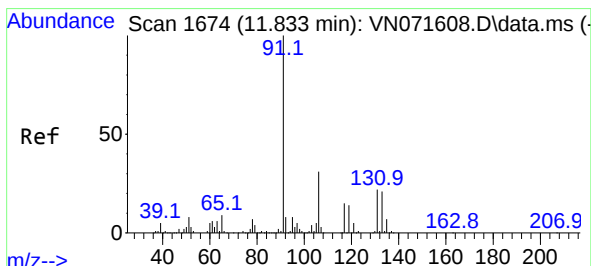
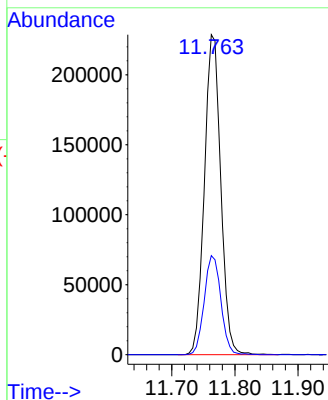
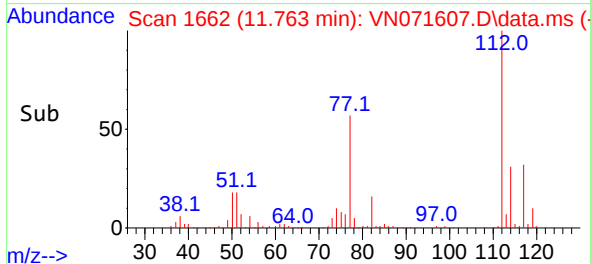
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



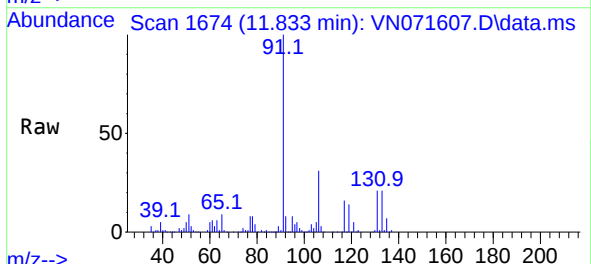
Tgt Ion:112 Resp: 411152
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

Manual Integrations
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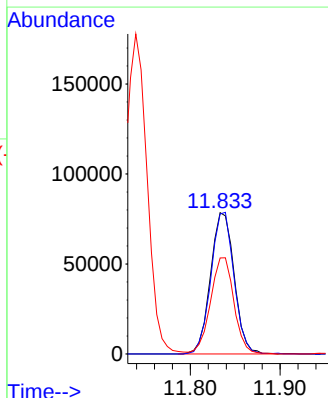
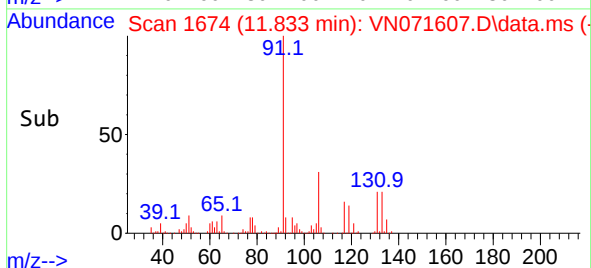
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

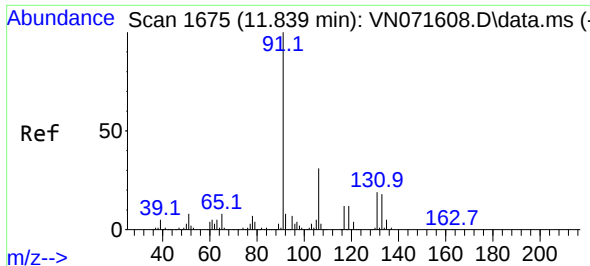


#66
1,1,1,2-Tetrachloroethane
Concen: 19.792 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



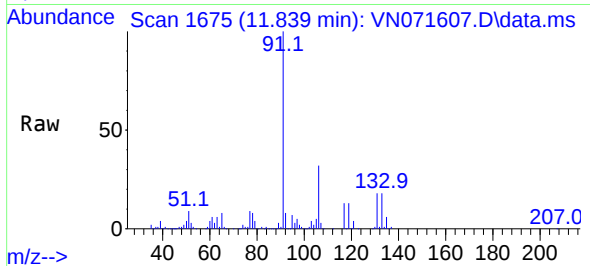
Tgt Ion:131 Resp: 143929
Ion Ratio Lower Upper
131 100
133 97.6 47.8 143.4
119 67.3 33.4 100.2





#67
Ethyl Benzene
Concen: 20.281 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

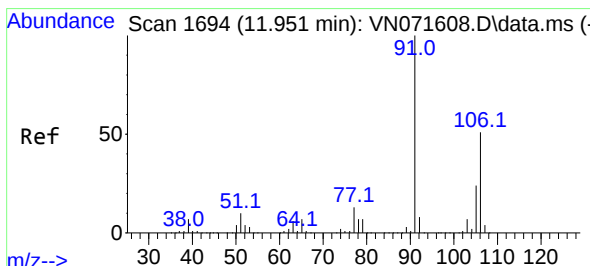
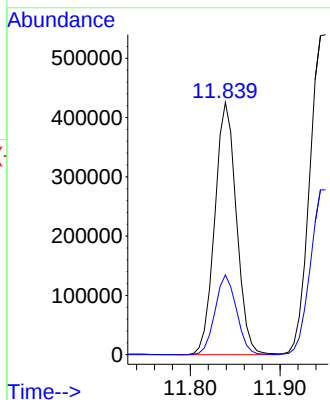
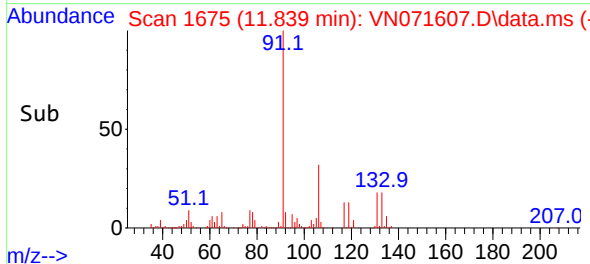
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



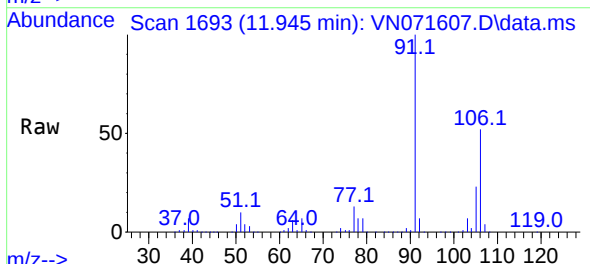
Tgt Ion: 91 Resp: 713430
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
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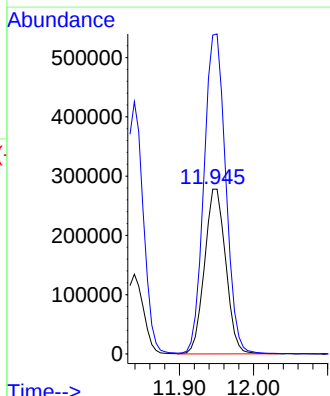
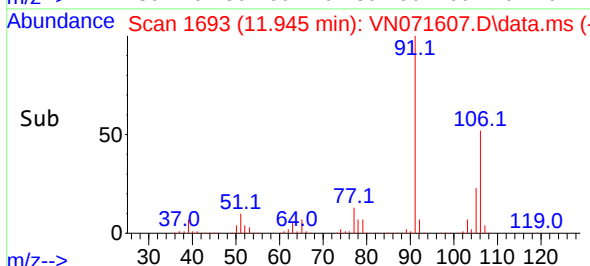
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

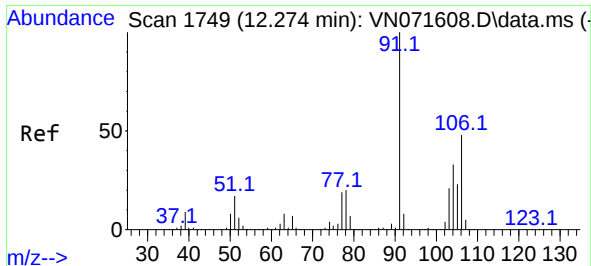


#68
m/p-Xylenes
Concen: 41.050 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion:106 Resp: 551735
Ion Ratio Lower Upper
106 100
91 199.1 158.9 238.3





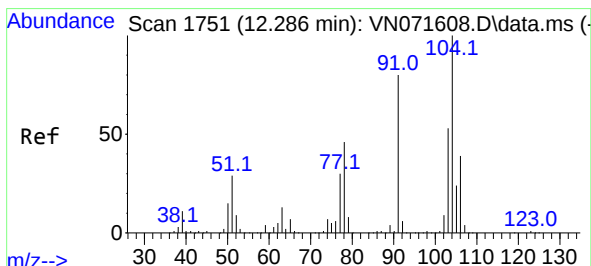
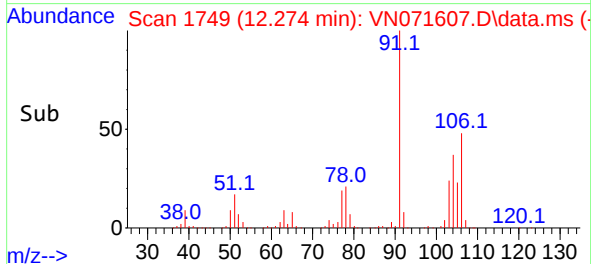
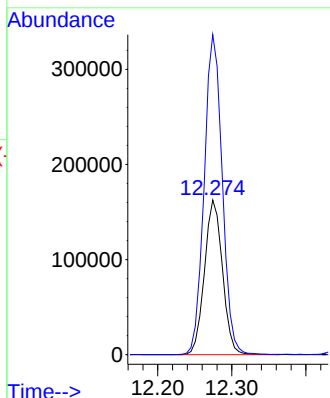
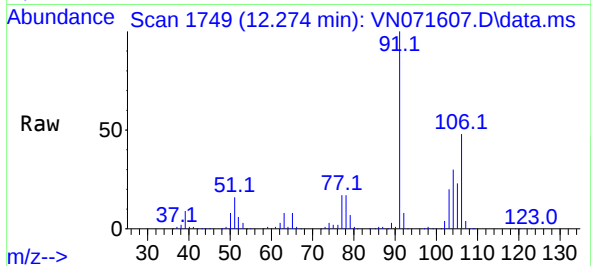
#69
o-Xylene
Concen: 20.518 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 27446
Ion Ratio Lower Upper
106 100
91 208.3 106.0 318.0

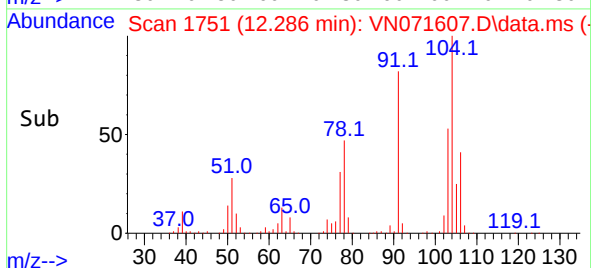
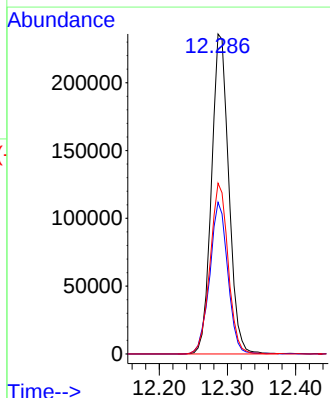
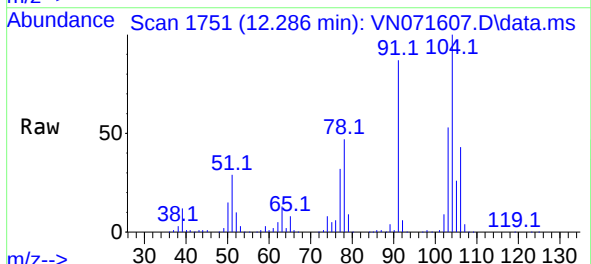
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#70
Styrene
Concen: 19.969 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

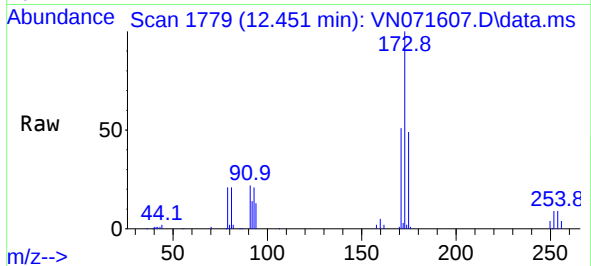
Tgt Ion:104 Resp: 416839
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.8 44.0 66.0





#71
Bromoform
Concen: 19.750 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

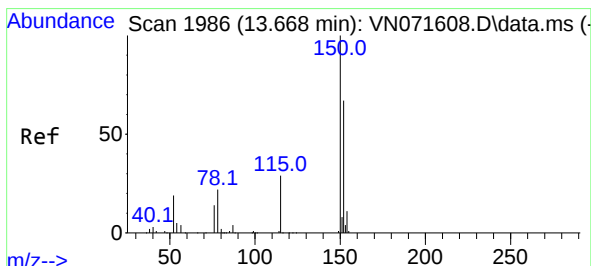
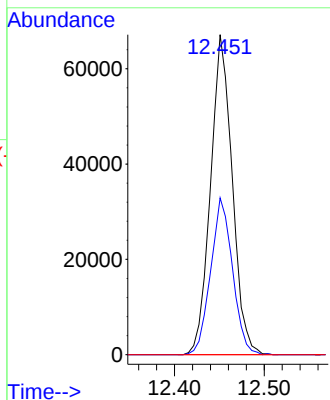
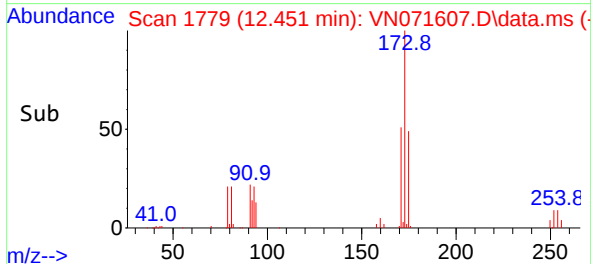
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



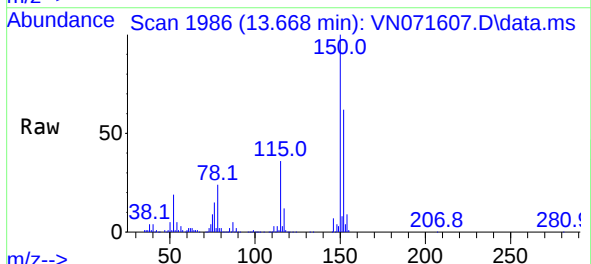
Tgt Ion:173 Resp: 112809
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
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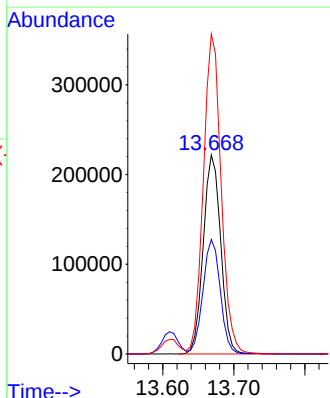
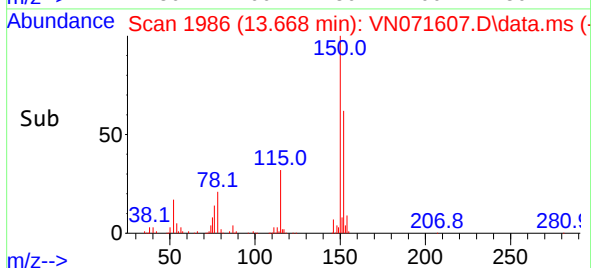
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

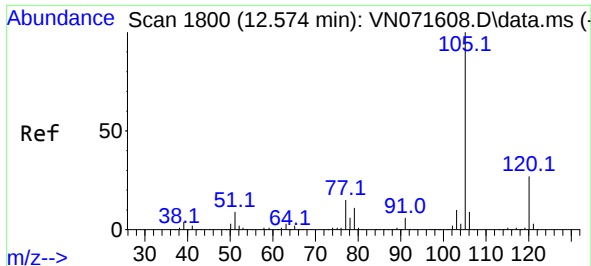


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion:152 Resp: 379549
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 163.6 0.0 356.2





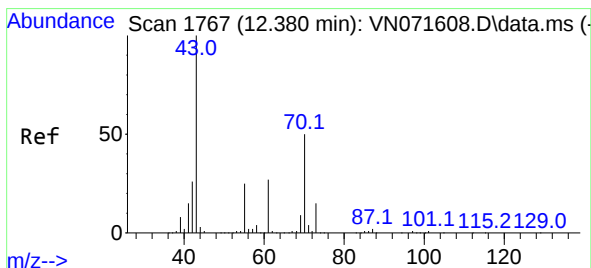
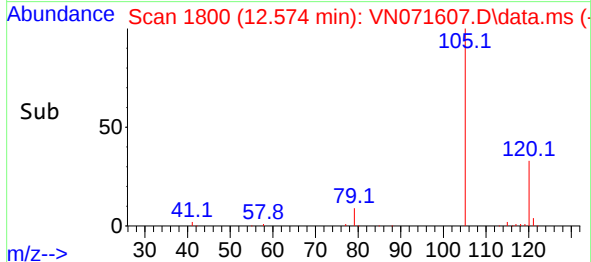
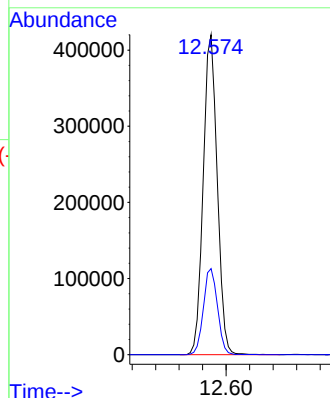
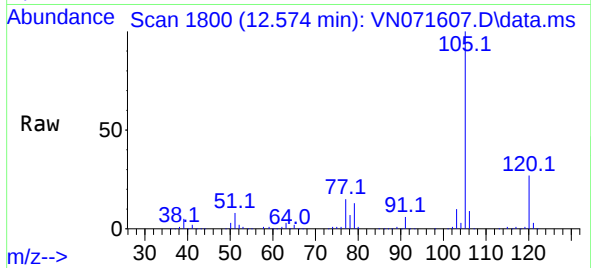
#73
Isopropylbenzene
Concen: 20.836 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 696060
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

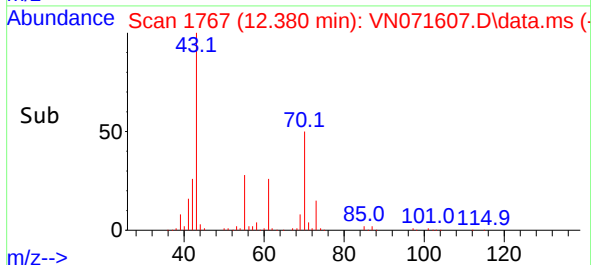
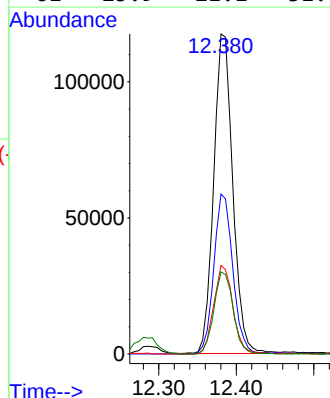
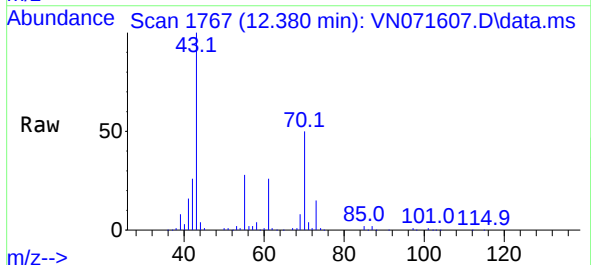
Manual Integrations
APPROVED

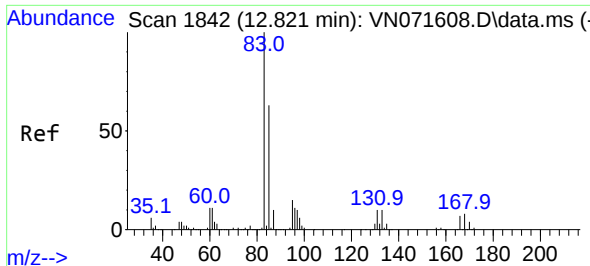
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#74
N-ethyl acetate
Concen: 18.826 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

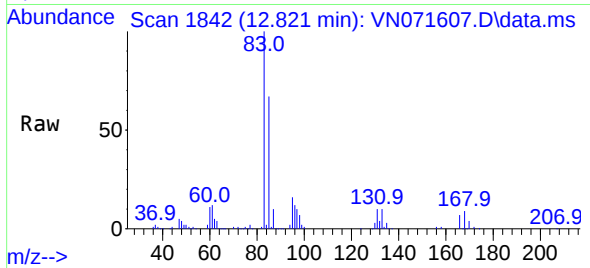
Tgt Ion: 43 Resp: 200885
Ion Ratio Lower Upper
43 100
70 49.9 39.0 58.4
55 27.8 21.1 31.7
61 25.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.725 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

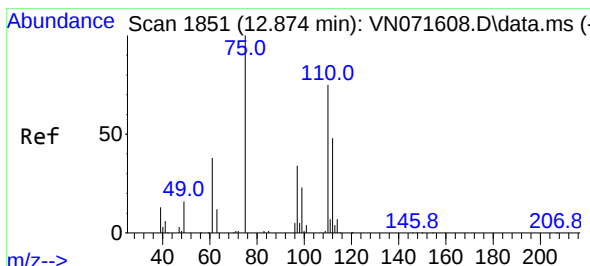
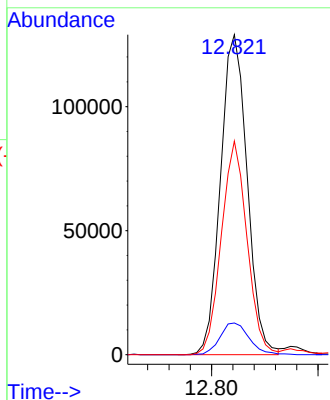
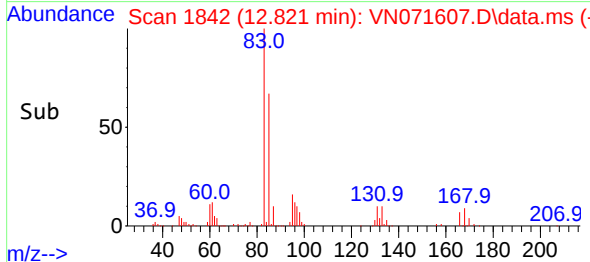
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



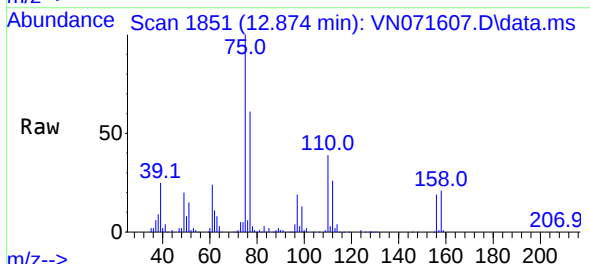
Tgt Ion: 83 Resp: 22437
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.9
85 64.2 32.3 96.9

Manual Integrations
APPROVED

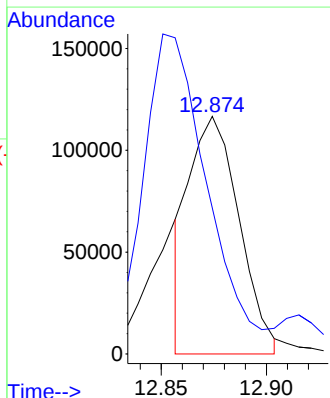
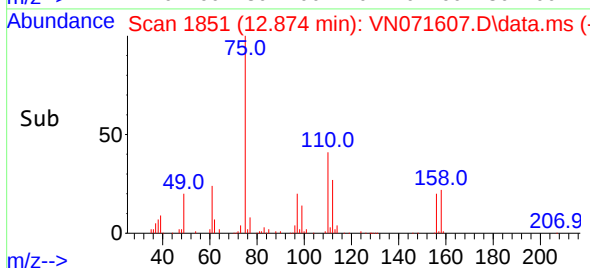
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

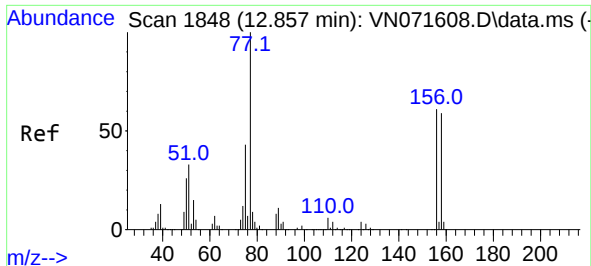


#76
1,2,3-Trichloropropane
Concen: 22.378 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



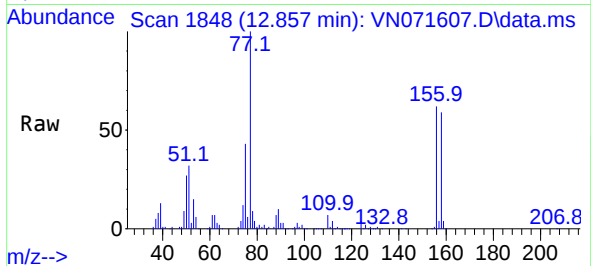
Tgt Ion: 75 Resp: 192556
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 20.014 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

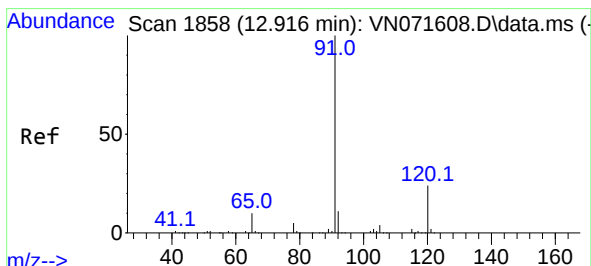
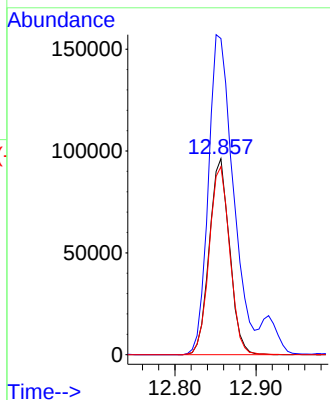
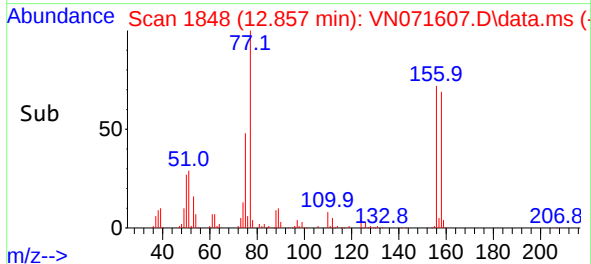
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:156 Resp: 166979
Ion Ratio Lower Upper
156 100
77 199.0 100.5 301.5
158 97.5 48.9 146.6

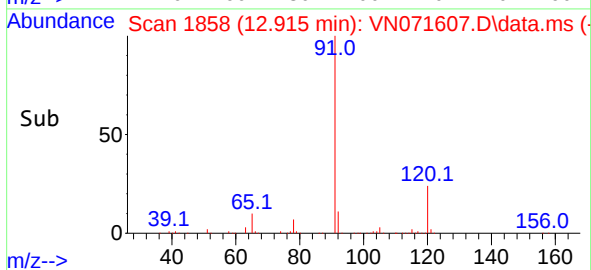
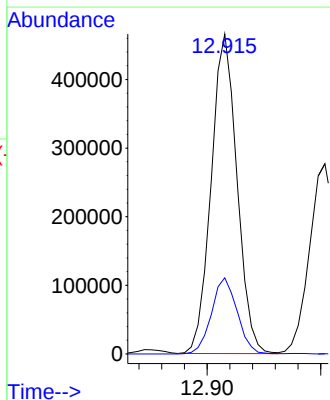
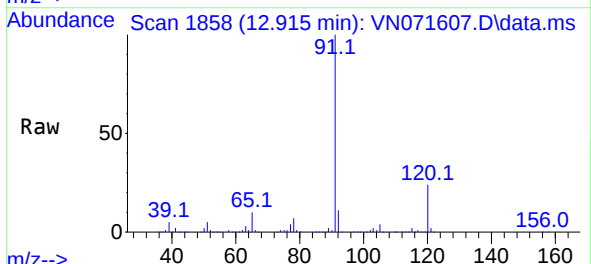
Manual Integrations
APPROVED

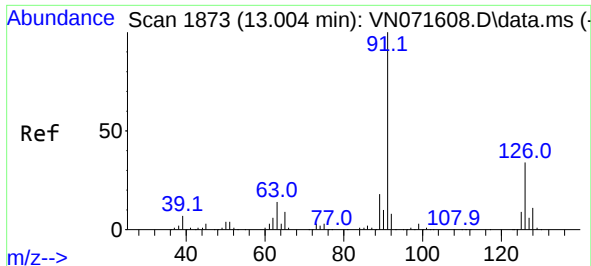
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#78
n-propylbenzene
Concen: 20.699 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Tgt Ion: 91 Resp: 735143
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





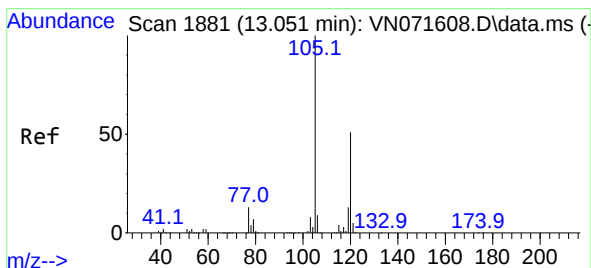
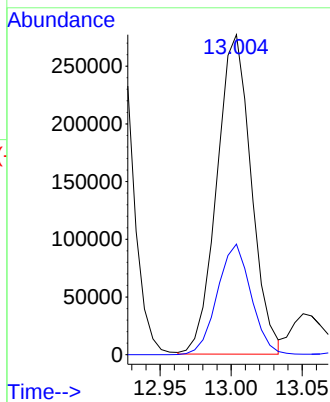
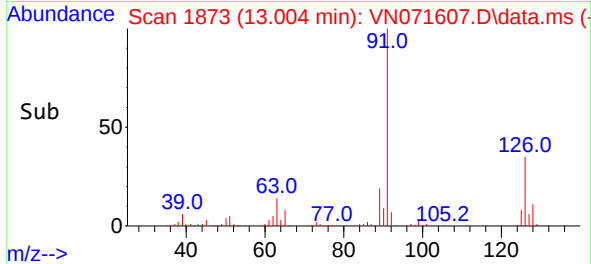
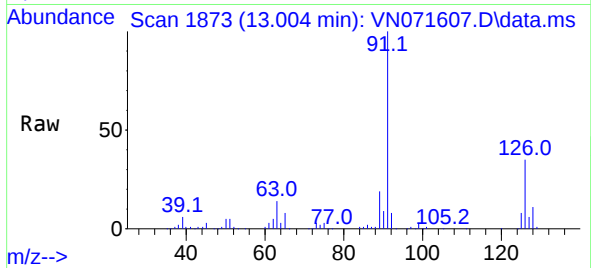
#79
2-Chlorotoluene
Concen: 20.328 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 465702
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.9

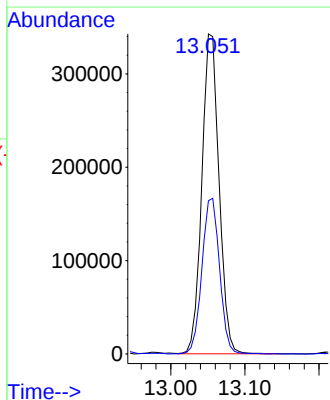
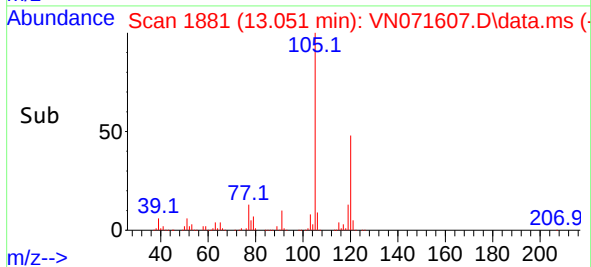
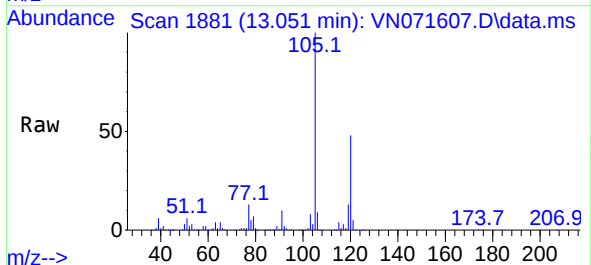
Manual Integrations
APPROVED

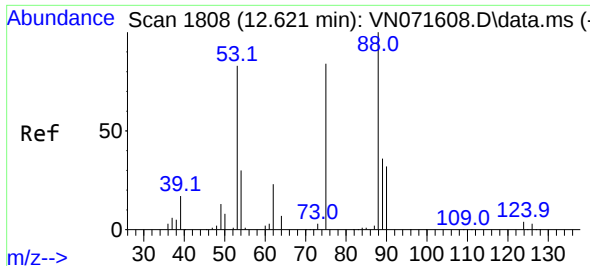
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.948 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

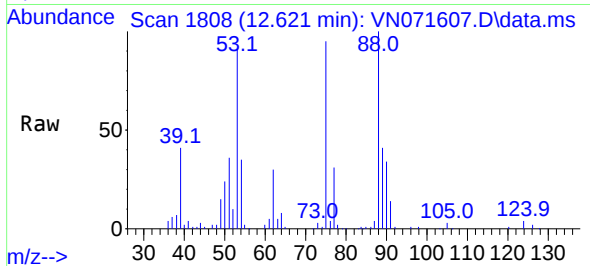
Tgt Ion:105 Resp: 552236
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.059 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

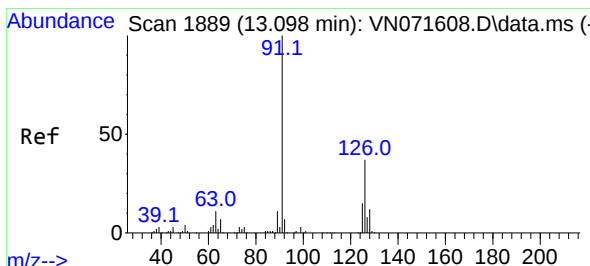
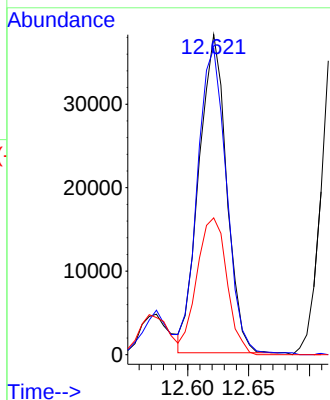
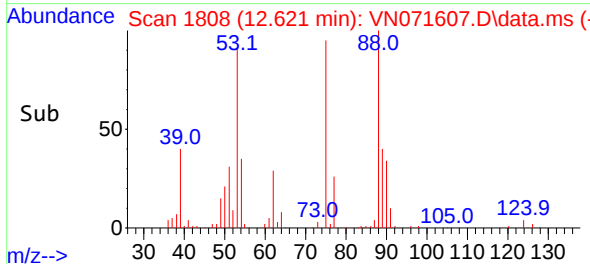
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



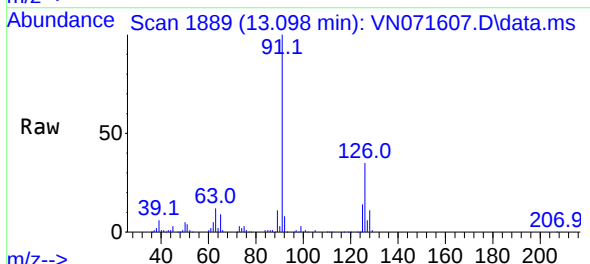
Tgt Ion: 75 Resp: 6026
Ion Ratio Lower Upper
75 100
53 103.2 78.0 117.0
89 46.8 37.2 55.8

Manual Integrations
APPROVED

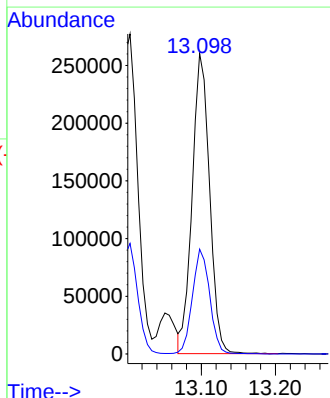
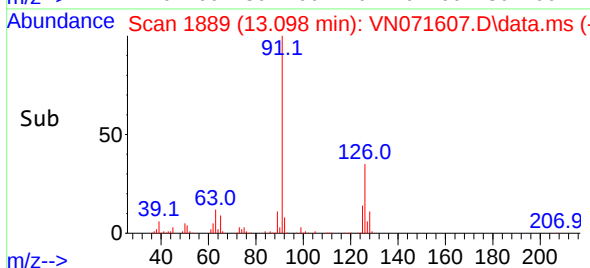
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

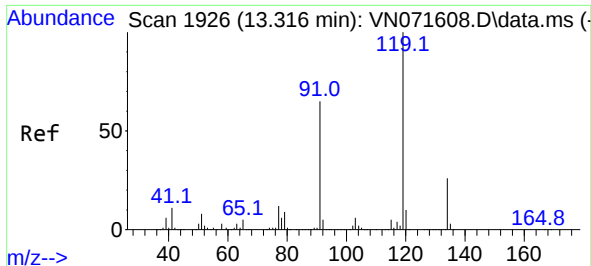


#82
4-Chlorotoluene
Concen: 20.097 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion: 91 Resp: 424182
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





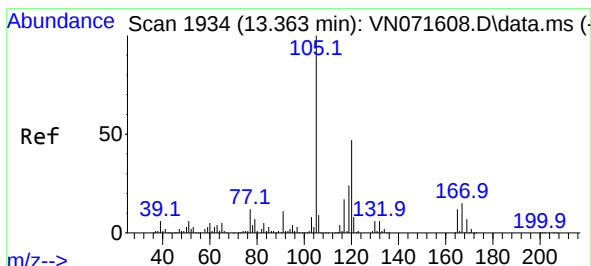
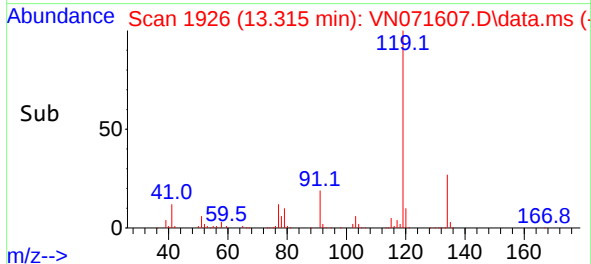
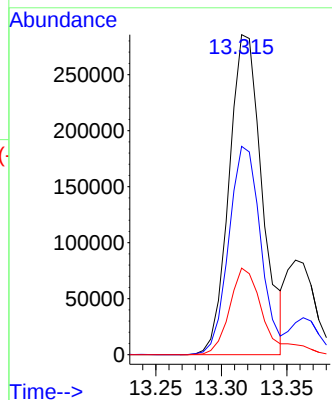
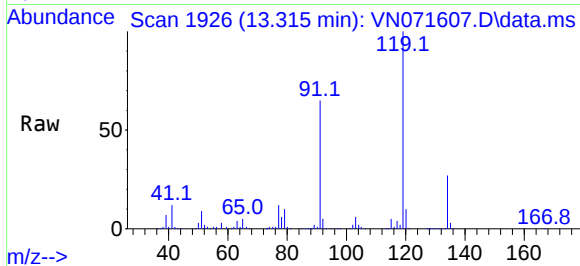
#83
tert-Butylbenzene
Concen: 20.939 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 499833
Ion Ratio Lower Upper
119 100
91 62.9 31.6 94.8
134 28.0 13.7 41.1

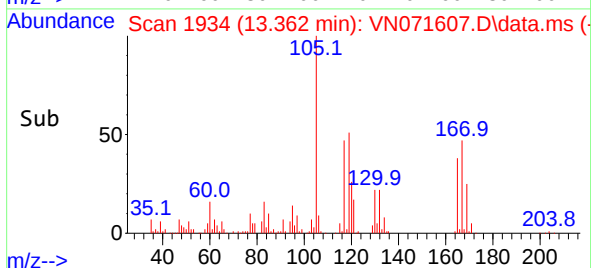
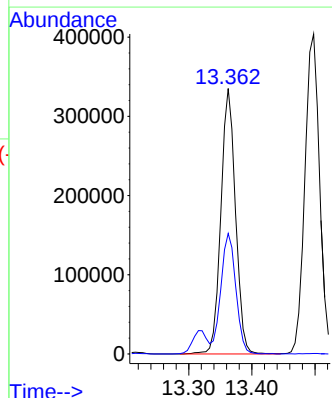
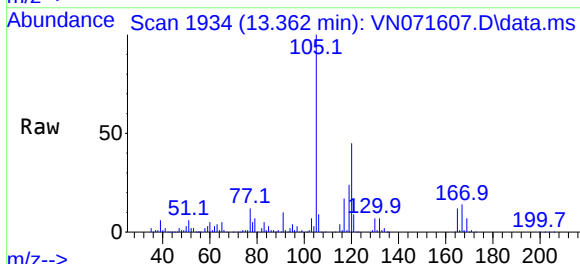
Manual Integrations
APPROVED

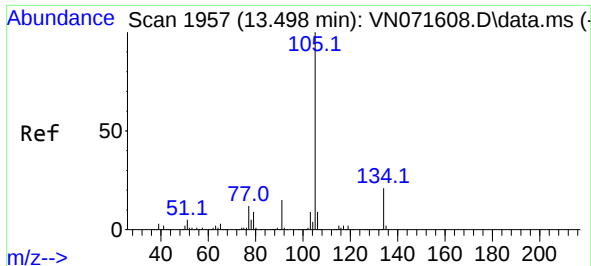
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.143 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Tgt Ion:105 Resp: 537933
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





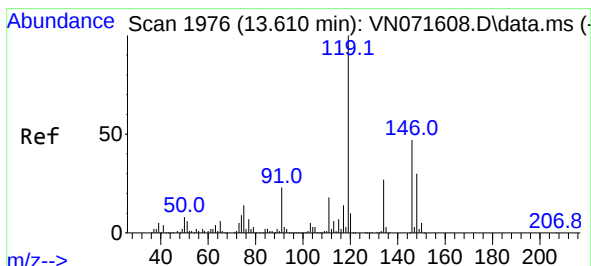
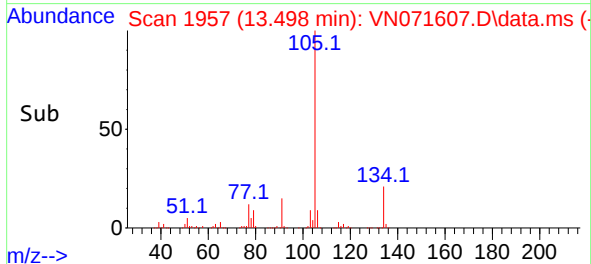
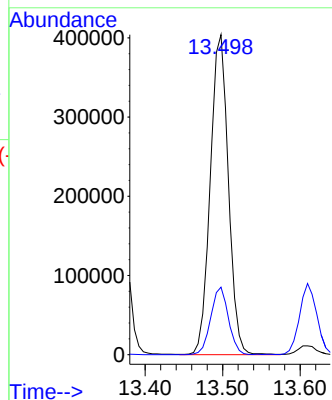
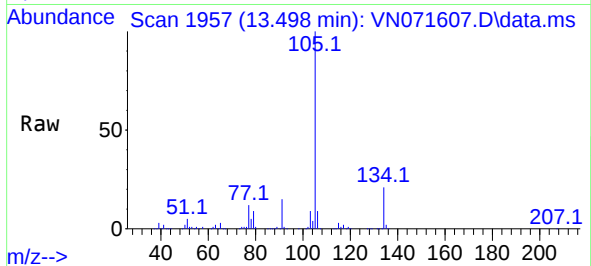
#85
 sec-Butylbenzene
 Concen: 20.694 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071607.D
 Acq: 28 Mar 2022 16:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 654140
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

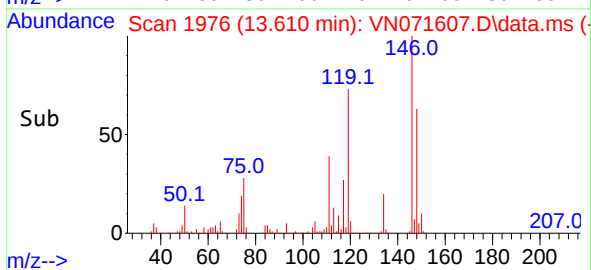
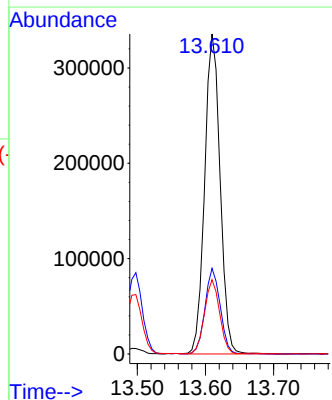
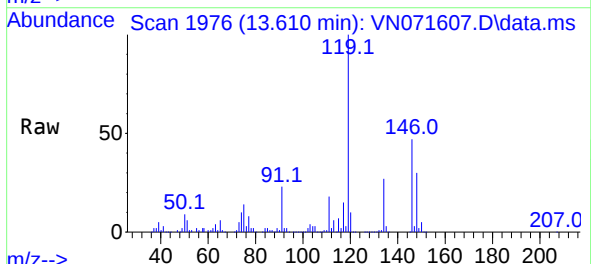
Manual Integrations
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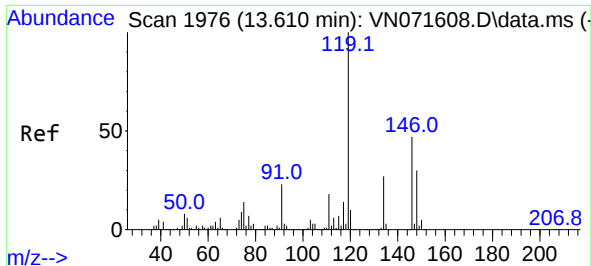
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#86
 p-Isopropyltoluene
 Concen: 21.041 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071607.D
 Acq: 28 Mar 2022 16:22

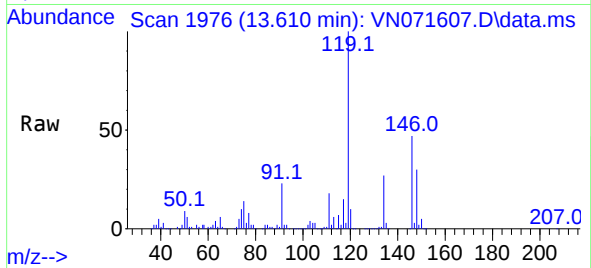
Tgt Ion:119 Resp: 529496
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.4 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.557 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

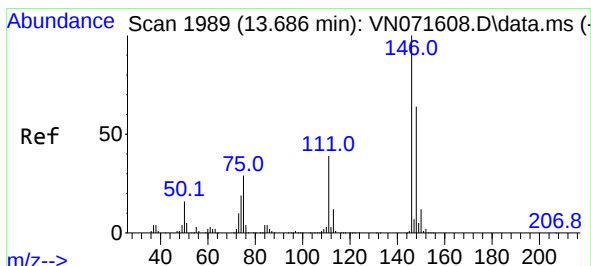
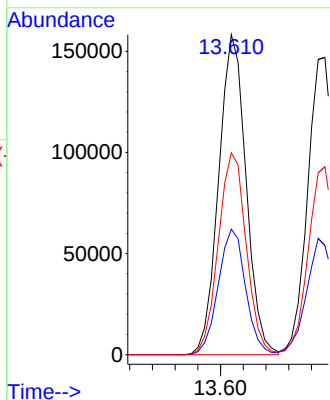
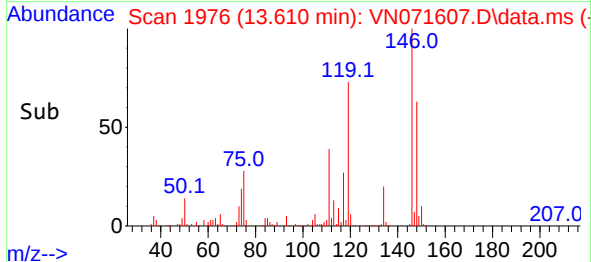
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



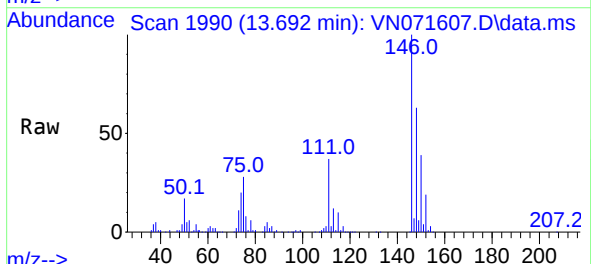
Tgt Ion:146 Resp: 264869
Ion Ratio Lower Upper
146 100
111 39.1 20.0 60.0
148 64.3 32.0 96.0

Manual Integrations
APPROVED

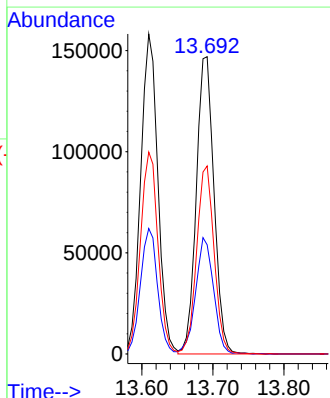
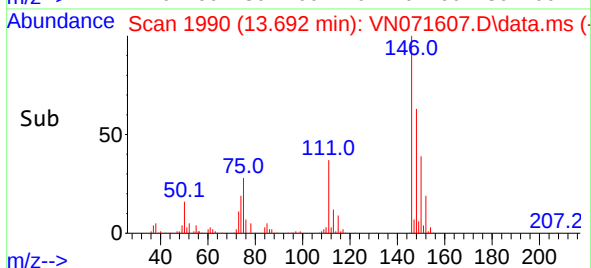
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

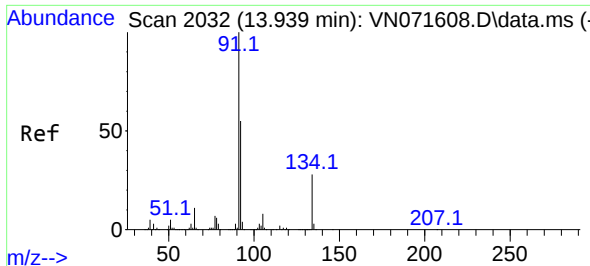


#88
1,4-Dichlorobenzene
Concen: 19.114 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



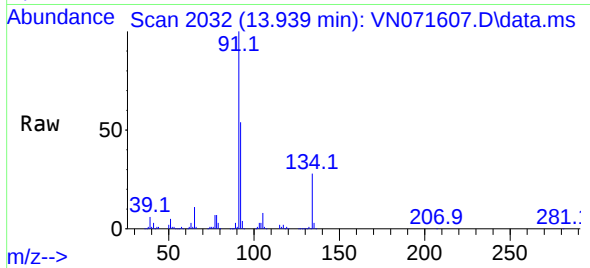
Tgt Ion:146 Resp: 255663
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 62.4 31.4 94.3





#89
n-Butylbenzene
Concen: 19.143 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

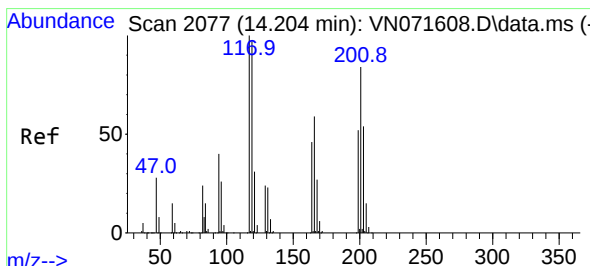
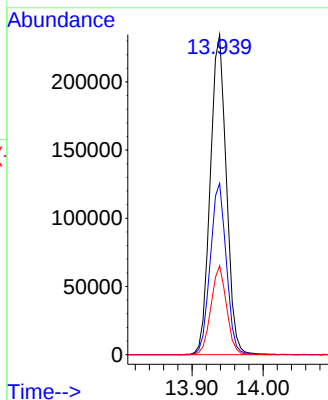
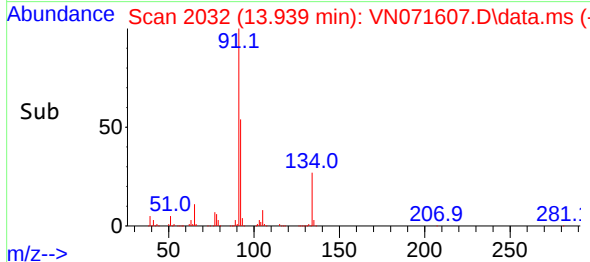
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 369674
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 26.8 13.6 40.8

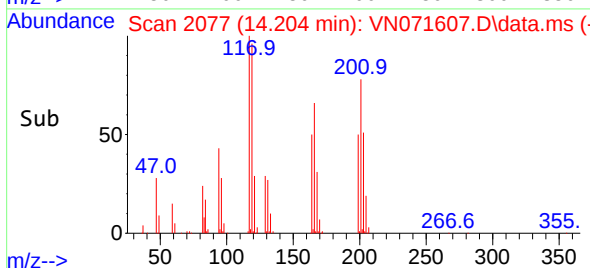
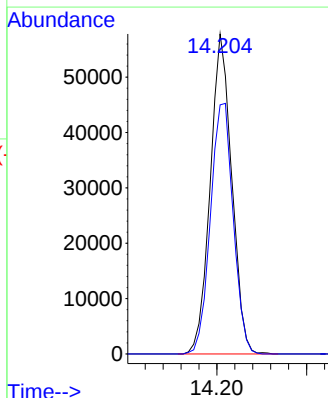
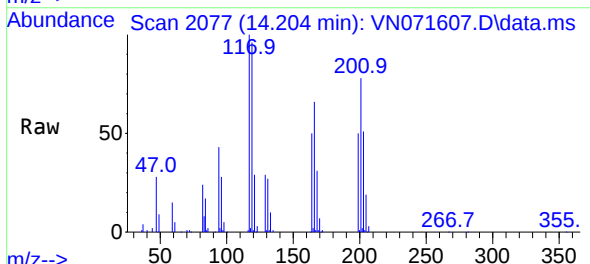
Manual Integrations
APPROVED

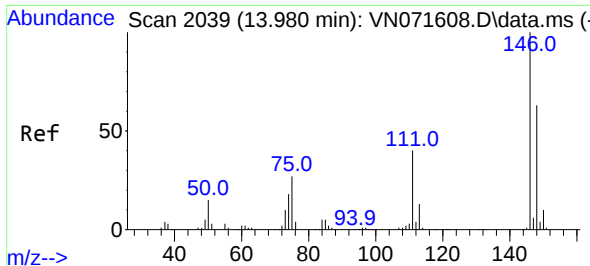
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#90
Hexachloroethane
Concen: 19.621 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Tgt Ion:117 Resp: 96158
Ion Ratio Lower Upper
117 100
201 82.7 40.6 122.0





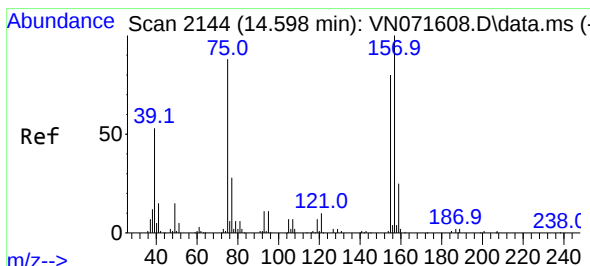
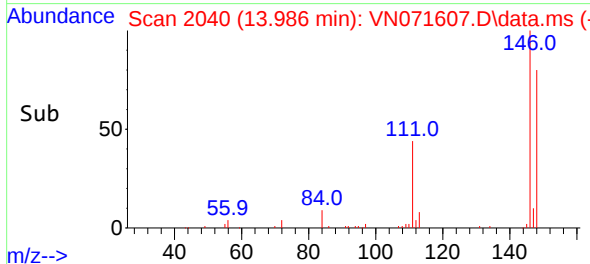
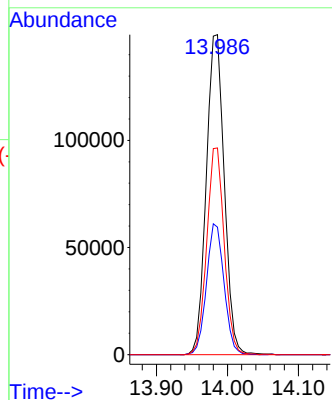
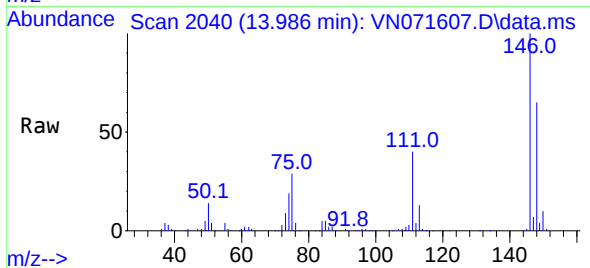
#91
1,2-Dichlorobenzene
Concen: 20.204 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 263088
Ion Ratio Lower Upper
146 100
111 40.0 20.9 62.8
148 62.8 32.1 96.3

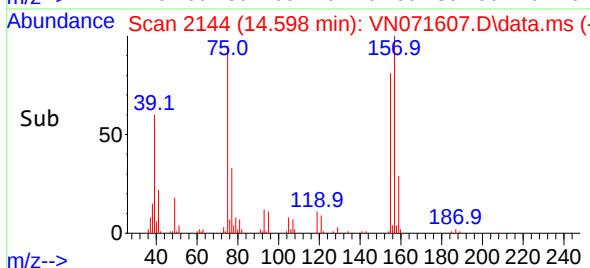
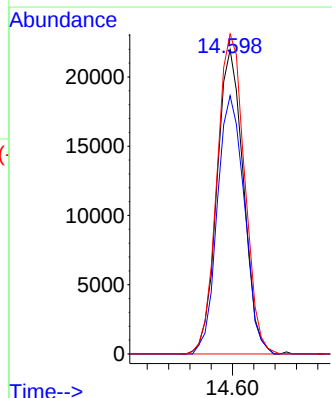
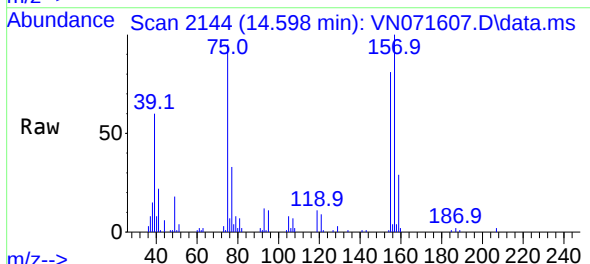
Manual Integrations
APPROVED

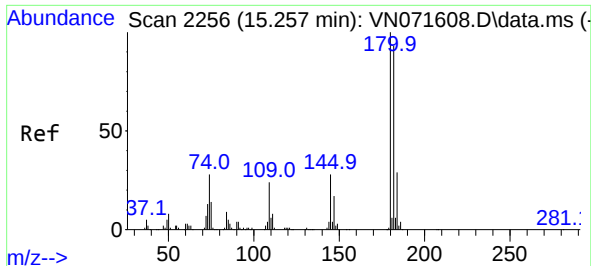
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.234 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

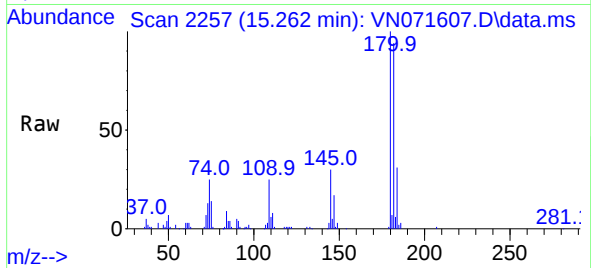
Tgt Ion: 75 Resp: 37818
Ion Ratio Lower Upper
75 100
155 86.9 44.9 134.5
157 109.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 17.390 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

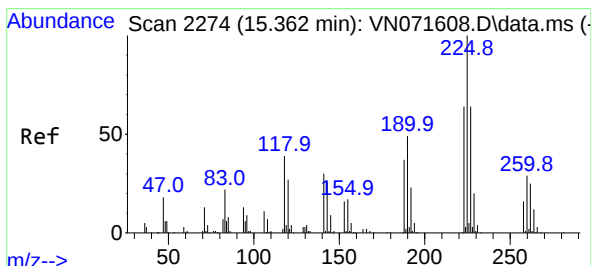
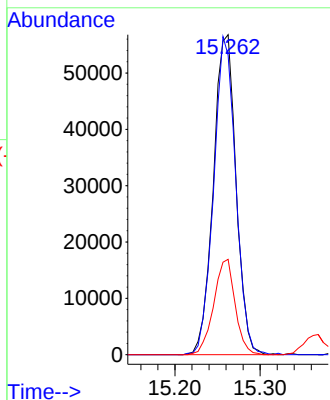
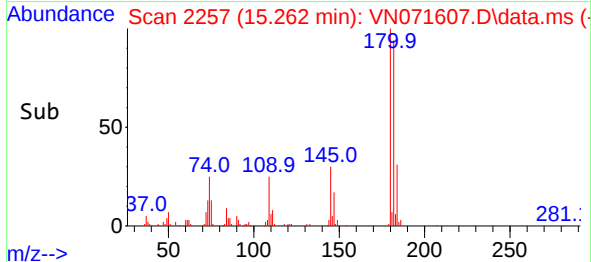
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



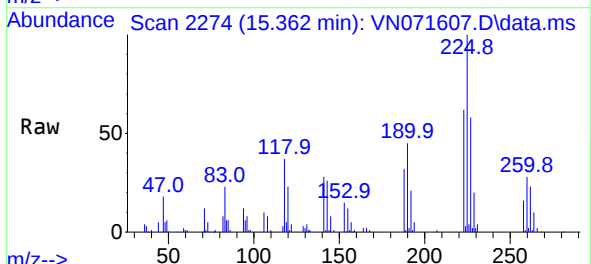
Tgt Ion:180 Resp: 104950
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 28.1 14.5 43.5

Manual Integrations
APPROVED

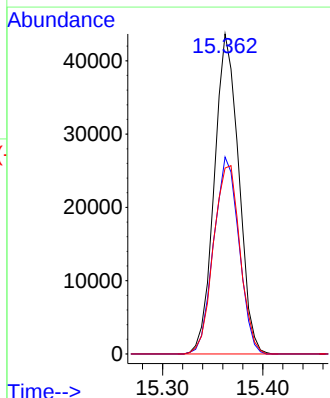
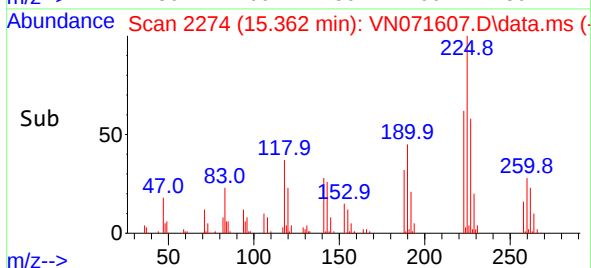
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

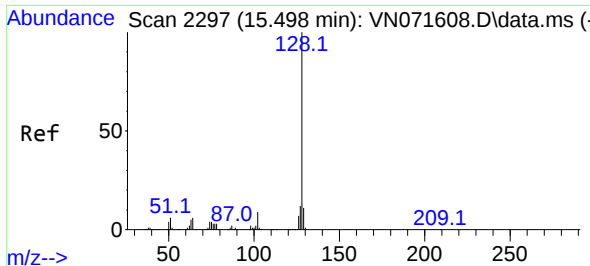


#94
Hexachlorobutadiene
Concen: 20.199 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



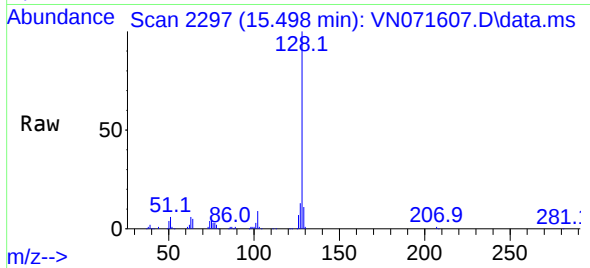
Tgt Ion:225 Resp: 73864
Ion Ratio Lower Upper
225 100
223 63.6 32.4 97.2
227 64.1 31.8 95.4





#95
Naphthalene
Concen: 16.942 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22

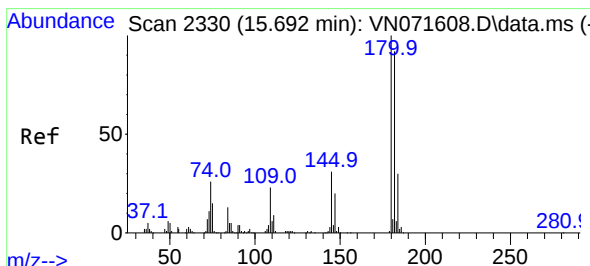
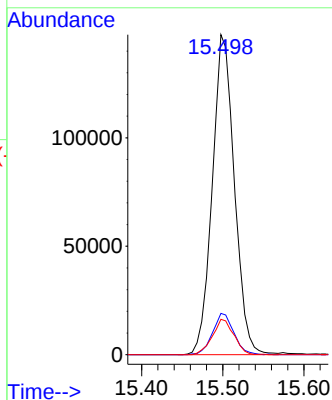
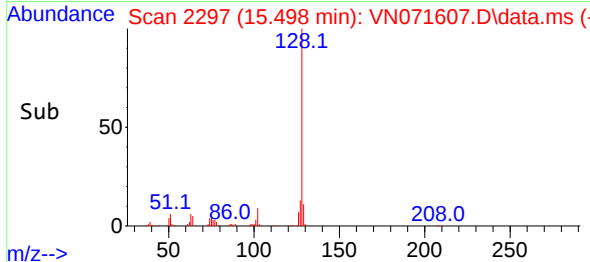
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



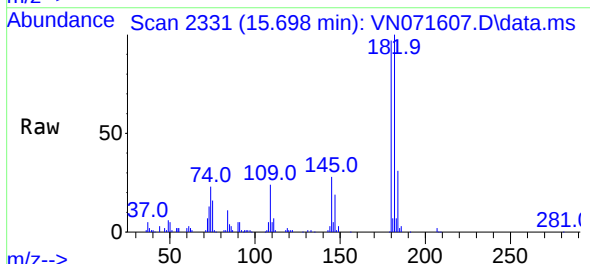
Tgt Ion:128 Resp: 279510
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.595 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071607.D
Acq: 28 Mar 2022 16:22



Tgt Ion:180 Resp: 104877
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.3
145 30.5 15.5 46.5

