

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042522\
 Data File : VN072177.D
 Acq On : 25 Apr 2022 14:15
 Operator : JC\MD
 Sample : VN0425WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 05:38:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	435921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	654135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	593217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	246577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	222291	44.668	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.340%		
35) Dibromofluoromethane	8.016	113	205398	53.361	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.720%		
50) Toluene-d8	10.439	98	781535	49.633	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.260%		
62) 4-Bromofluorobenzene	12.727	95	260326	51.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	73068	21.084	ug/l	95
3) Chloromethane	2.299	50	76534	17.428	ug/l	98
4) Vinyl Chloride	2.440	62	79864	16.560	ug/l	96
5) Bromomethane	2.840	94	62204	19.842	ug/l	94
6) Chloroethane	3.010	64	53104	15.306	ug/l	99
7) Trichlorofluoromethane	3.369	101	118930	19.383	ug/l	94
8) Diethyl Ether	3.822	74	53241	20.532	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	75768	20.039	ug/l	95
10) Methyl Iodide	4.422	142	102482	19.389	ug/l	100
11) Tert butyl alcohol	5.363	59	83978	103.983	ug/l	99
12) 1,1-Dichloroethene	4.181	96	69557	19.332	ug/l	89
13) Acrolein	4.046	56	20824	21.147	ug/l	93
14) Allyl chloride	4.834	41	99365	17.014	ug/l	90
15) Acrylonitrile	5.545	53	240416	102.415	ug/l	97
16) Acetone	4.287	43	169335	79.620	ug/l	89
17) Carbon Disulfide	4.534	76	159650	19.338	ug/l	99
18) Methyl Acetate	4.851	43	101711	18.354	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	262979	19.674	ug/l	99
20) Methylene Chloride	5.093	84	90701	20.233	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	76633	19.401	ug/l	96
22) Diisopropyl ether	6.492	45	232222	18.265	ug/l	94
23) Vinyl Acetate	6.428	43	944795	93.450	ug/l	95
24) 1,1-Dichloroethane	6.387	63	139590	18.703	ug/l	96
25) 2-Butanone	7.328	43	275284	89.785	ug/l	90
26) 2,2-Dichloropropane	7.322	77	116738	18.207	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	98260	20.286	ug/l	93
28) Bromochloromethane	7.657	49	61368	20.383	ug/l	87
29) Tetrahydrofuran	7.681	42	183143	92.250	ug/l	90
30) Chloroform	7.816	83	152206	19.313	ug/l	98
31) Cyclohexane	8.092	56	121109	17.895	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	127931	18.975	ug/l	96
36) 1,1-Dichloropropene	8.216	75	104395	19.421	ug/l	99
37) Ethyl Acetate	7.404	43	111610	18.970	ug/l	96
38) Carbon Tetrachloride	8.204	117	110605	20.995	ug/l	96
39) Methylcyclohexane	9.457	83	131865	20.609	ug/l	95
40) Benzene	8.457	78	355918	20.961	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	57047	19.803	ug/l	93
42) 1,2-Dichloroethane	8.522	62	111949	19.059	ug/l	94
43) Isopropyl Acetate	8.557	43	183229	18.724	ug/l	98
44) Trichloroethene	9.210	130	92632	21.175	ug/l	91
45) 1,2-Dichloropropane	9.486	63	86703	20.439	ug/l	93
46) Dibromomethane	9.575	93	60540	21.020	ug/l	95
47) Bromodichloromethane	9.757	83	119565	21.089	ug/l	99
48) Methyl methacrylate	9.557	41	72009	17.736	ug/l #	84
49) 1,4-Dioxane	9.563	88	42563	434.080	ug/l	95
51) 4-Methyl-2-Pentanone	10.328	43	551240	97.974	ug/l	92
52) Toluene	10.504	92	229988	21.427	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	122748	20.658	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	140087	21.337	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	96747	21.901	ug/l	100
56) Ethyl methacrylate	10.757	69	136559	21.669	ug/l #	85
57) 1,3-Dichloropropane	11.039	76	154459	20.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	165570	96.514	ug/l	98
59) 2-Hexanone	11.080	43	397141	100.256	ug/l	92
60) Dibromochloromethane	11.233	129	97408	22.614	ug/l	100
61) 1,2-Dibromoethane	11.339	107	94816	21.805	ug/l	99
64) Tetrachloroethene	10.975	164	82385	21.031	ug/l	92
65) Chlorobenzene	11.769	112	247884	20.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	92425	21.563	ug/l	100
67) Ethyl Benzene	11.839	91	408181	20.299	ug/l	98
68) m/p-Xylenes	11.951	106	321294	41.585	ug/l	99
69) o-Xylene	12.274	106	161337	21.038	ug/l	97
70) Styrene	12.286	104	253147	21.787	ug/l	97
71) Bromoform	12.451	173	76507	23.439	ug/l #	99
73) Isopropylbenzene	12.574	105	406508	19.564	ug/l	100
74) N-amyl acetate	12.386	43	107271	18.018	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	145436	20.978	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	120654m	21.122	ug/l	
77) Bromobenzene	12.857	156	104658	20.092	ug/l	93
78) n-propylbenzene	12.916	91	425084	19.448	ug/l	98
79) 2-Chlorotoluene	13.004	91	271625	19.378	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	331043	20.108	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	36938	20.040	ug/l	94
82) 4-Chlorotoluene	13.098	91	250836	19.306	ug/l	98
83) tert-Butylbenzene	13.316	119	301324	20.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	323732	20.154	ug/l	99
85) sec-Butylbenzene	13.498	105	385006	19.736	ug/l	100
86) p-Isopropyltoluene	13.610	119	312881	20.115	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	165782	19.978	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	160618	19.840	ug/l	97
89) n-Butylbenzene	13.939	91	210084	18.210	ug/l	99
90) Hexachloroethane	14.204	117	60336	21.190	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	166072	20.385	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	22046	20.501	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	71887	19.640	ug/l	99
94) Hexachlorobutadiene	15.363	225	47276	19.676	ug/l	99
95) Naphthalene	15.504	128	197537	20.057	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	75662	21.357	ug/l	96

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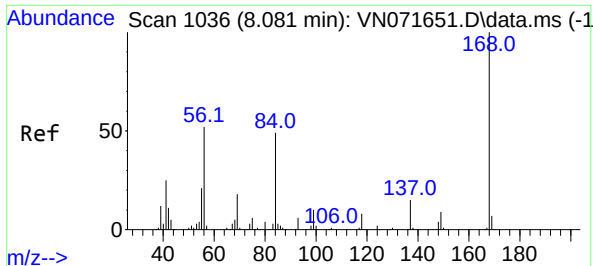
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Quant Title : SW846 8260
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Response via : Initial Calibration

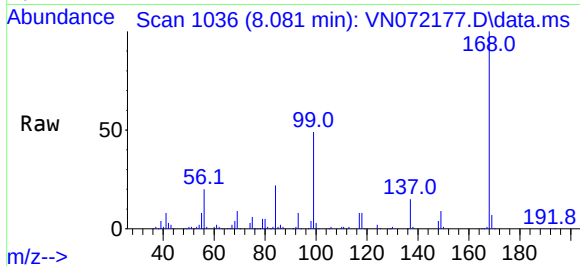
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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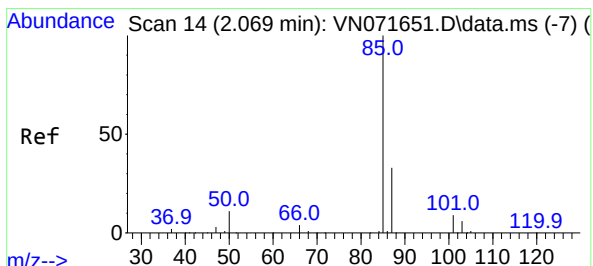
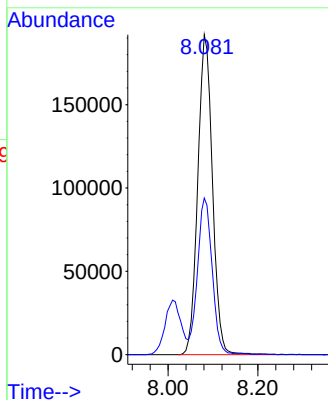
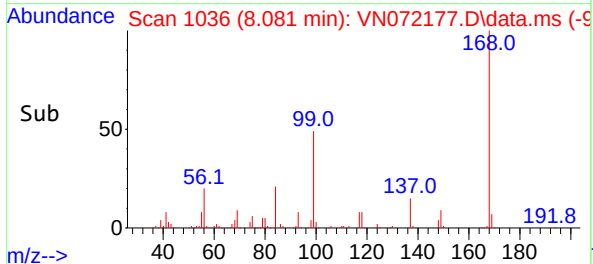
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion:168 Resp: 43592
Ion Ratio Lower Upper
168 100
99 48.9 42.3 63.5

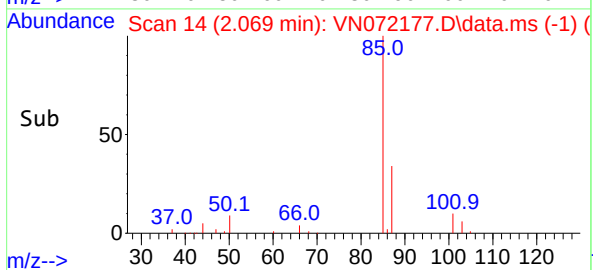
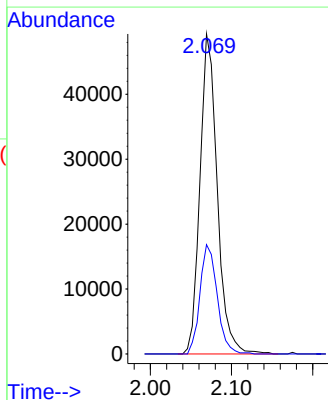
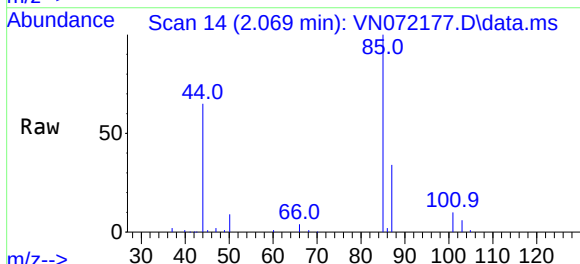
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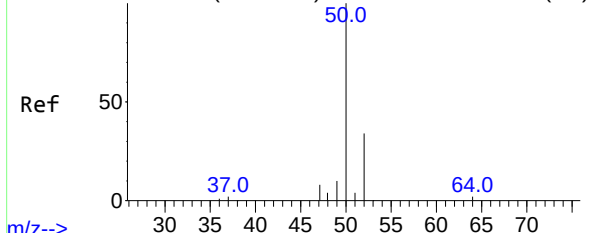


Dichlorodifluoromethane
Concen: 21.084 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Tgt Ion: 85 Resp: 73068
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.1



Abundance Scan 53 (2.299 min): VN071651.D\data.ms (-46)



#3

Chloromethane

Concen: 17.428 ug/l

RT: 2.299 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN072177.D

Acq: 25 Apr 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 50 Resp: 76534

Ion Ratio Lower Upper

50 100

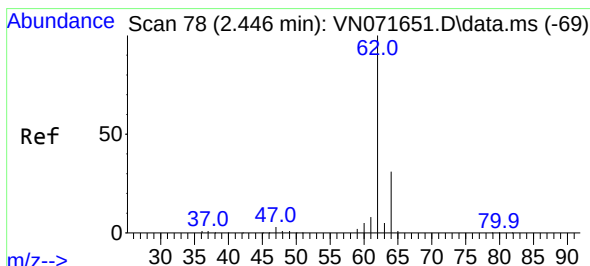
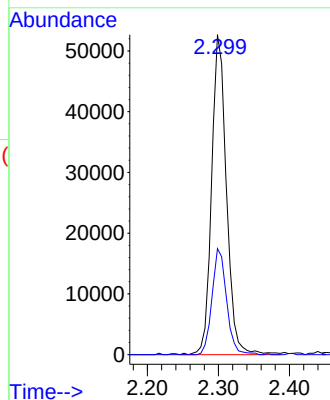
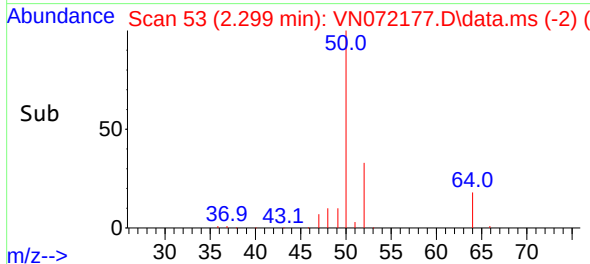
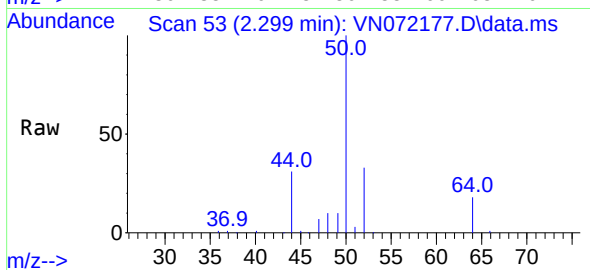
52 33.1 25.7 38.5

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#4

Vinyl Chloride

Concen: 16.560 ug/l

RT: 2.440 min Scan# 77

Delta R.T. -0.006 min

Lab File: VN072177.D

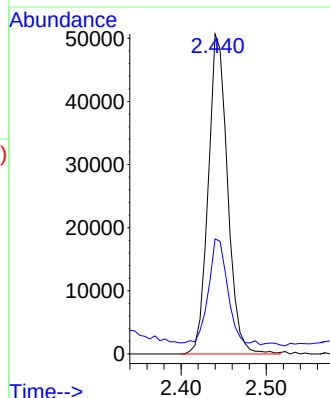
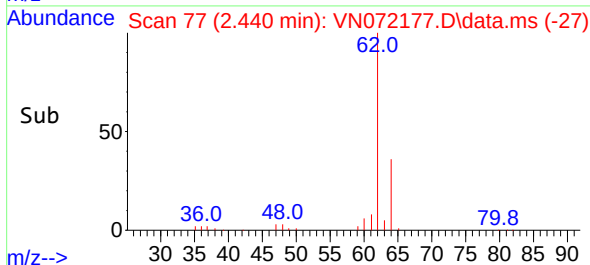
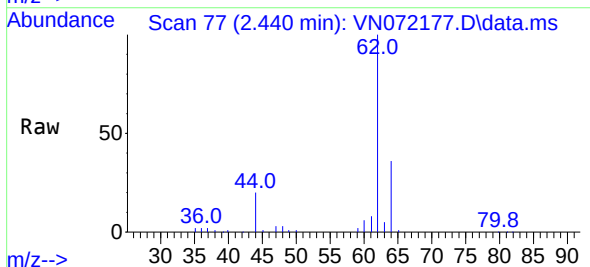
Acq: 25 Apr 2022 14:15

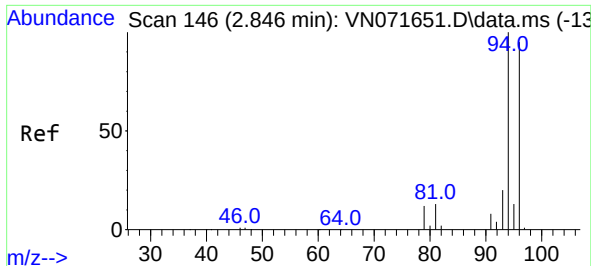
Tgt Ion: 62 Resp: 79864

Ion Ratio Lower Upper

62 100

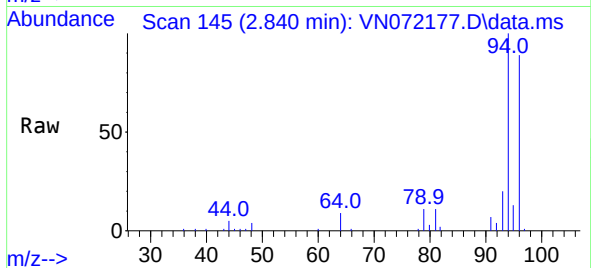
64 33.1 25.0 37.4





#5
Bromomethane
Concen: 19.842 ug/l
RT: 2.840 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN072177.D
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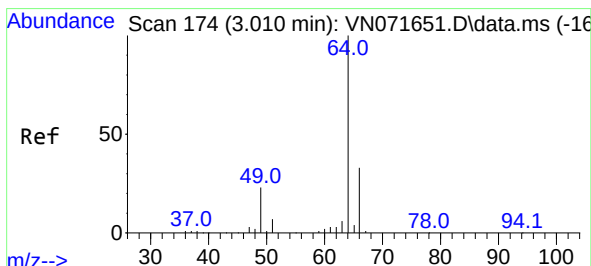
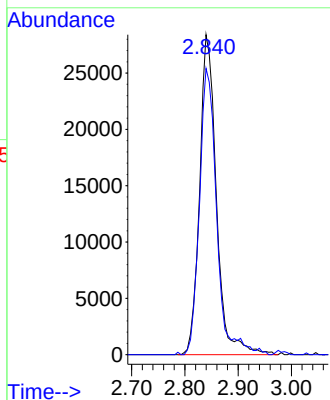
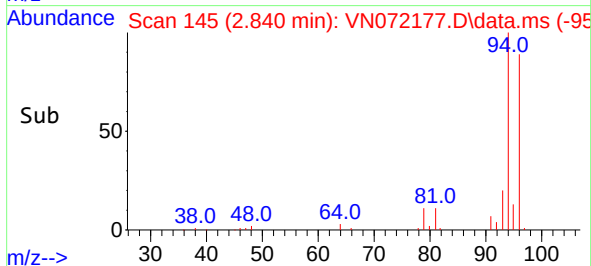
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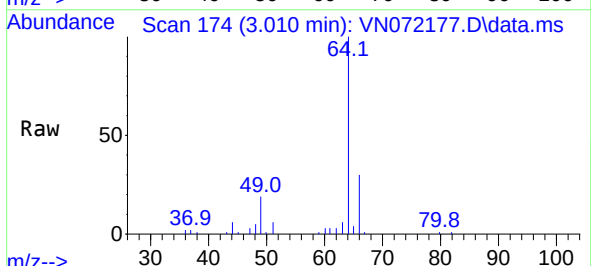
Tgt Ion: 94 Resp: 62204
Ion Ratio Lower Upper
94 100
96 88.7 76.0 114.0

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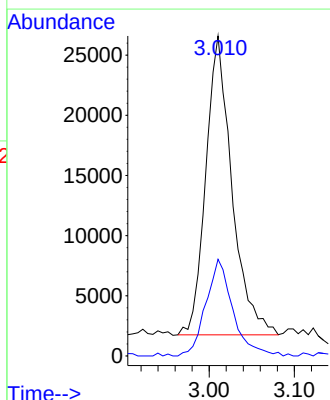
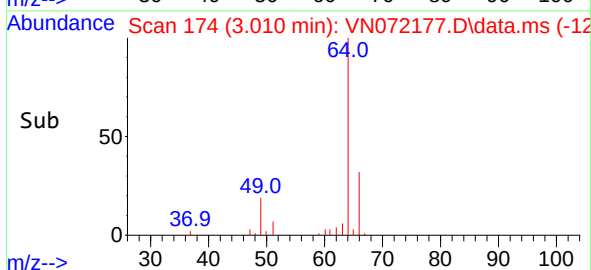
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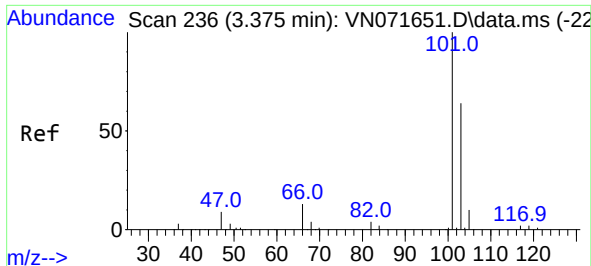


#6
Chloroethane
Concen: 15.306 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN072177.D
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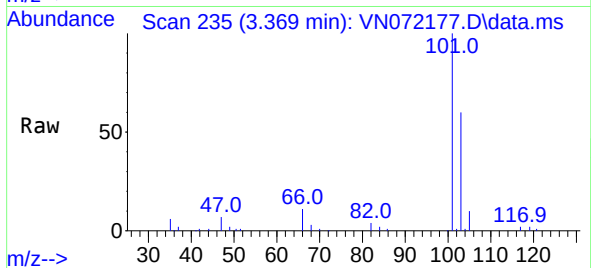
Tgt Ion: 64 Resp: 53104
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.383 ug/l
RT: 3.369 min Scan# 211
Delta R.T. -0.006 min
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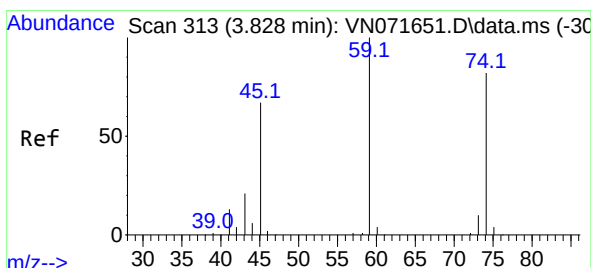
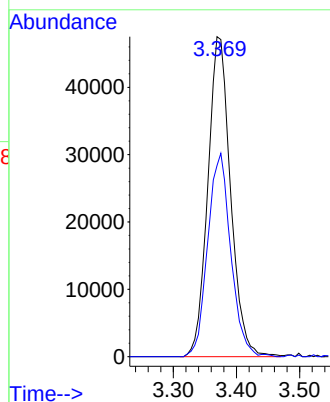
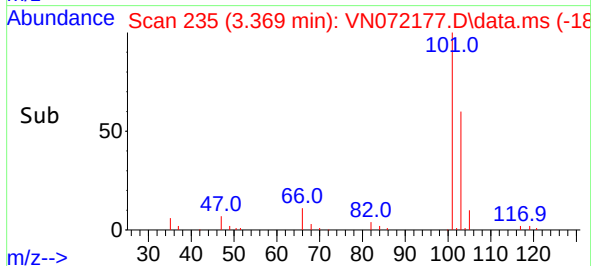
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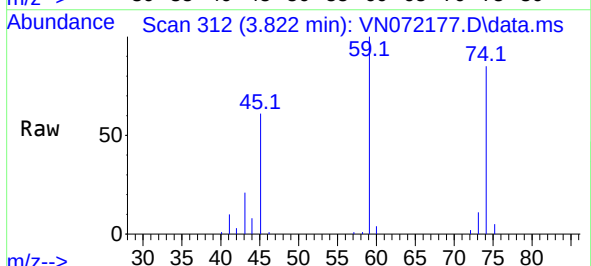
Tgt Ion:101 Resp: 118930
Ion Ratio Lower Upper
101 100
103 59.7 51.5 77.3

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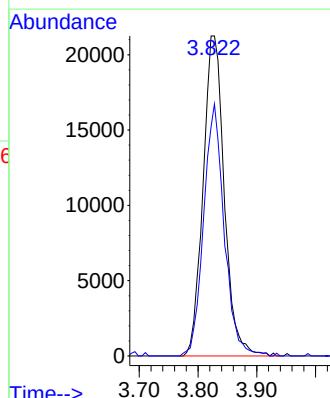
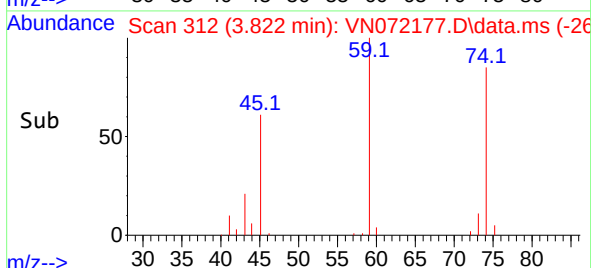
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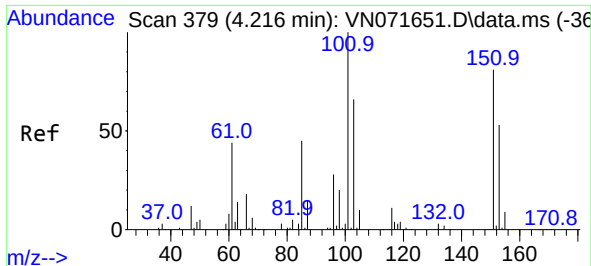


#8
Diethyl Ether
Concen: 20.532 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 53241
Ion Ratio Lower Upper
74 100
45 76.2 42.9 128.5





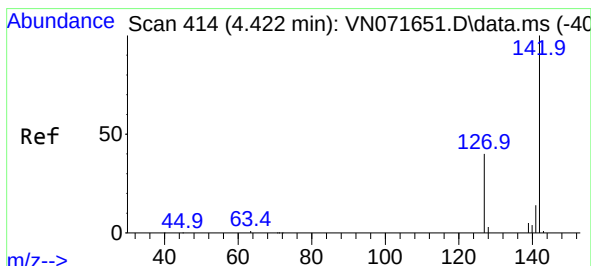
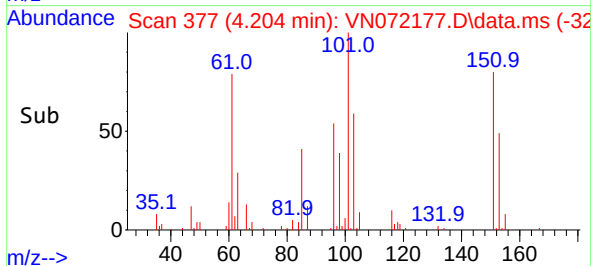
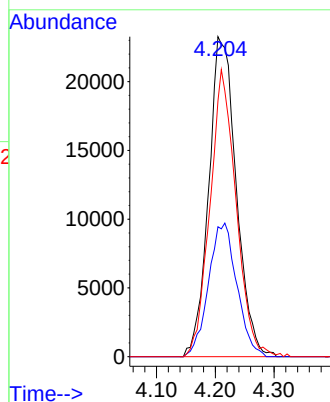
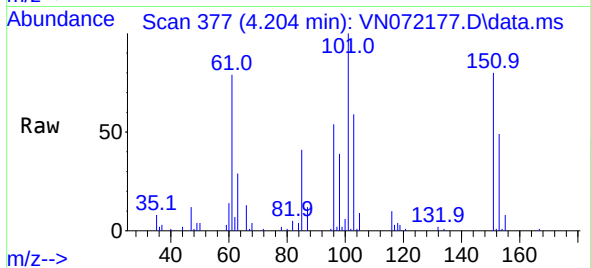
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.039 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:101 Resp: 7576
Ion Ratio Lower Upper
101 100
85 42.9 34.7 52.1
151 85.1 63.0 94.4

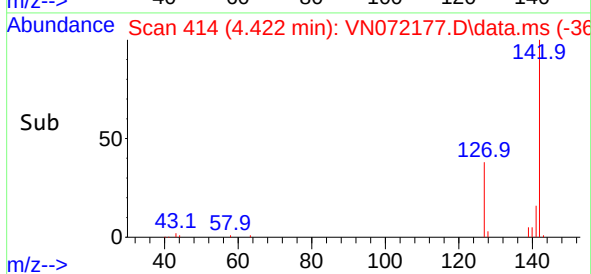
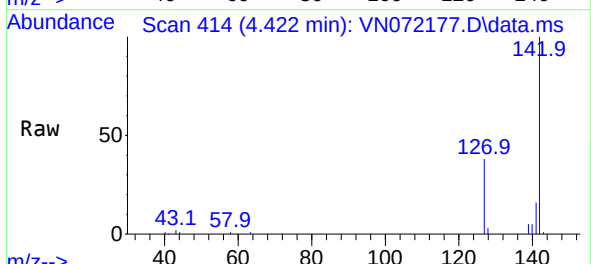
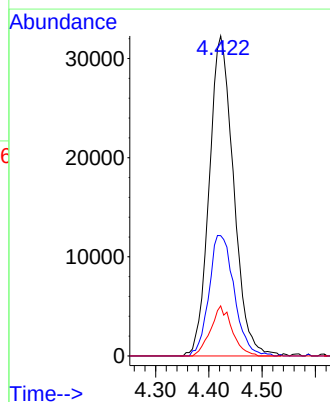
Manual Integrations
APPROVED

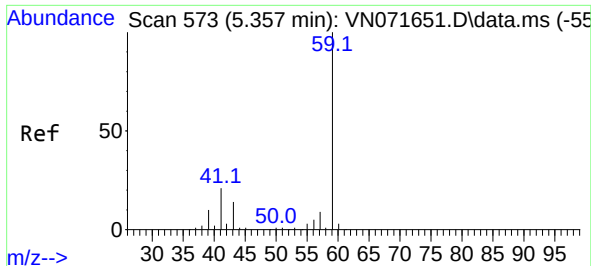
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#10
Methyl Iodide
Concen: 19.389 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

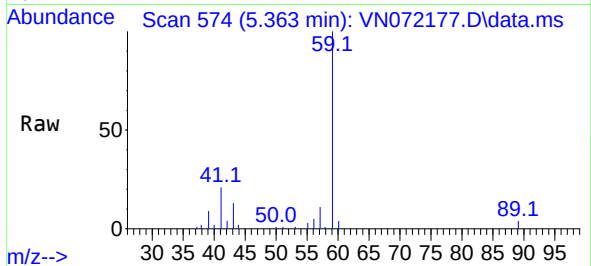
Tgt Ion:142 Resp: 102482
Ion Ratio Lower Upper
142 100
127 39.0 31.3 46.9
141 13.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 103.983 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

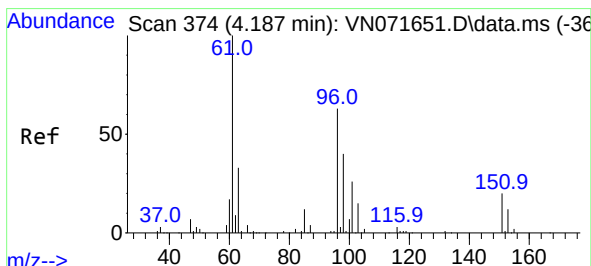
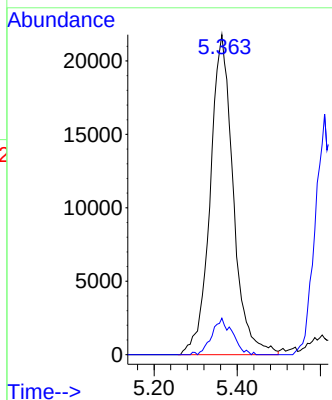
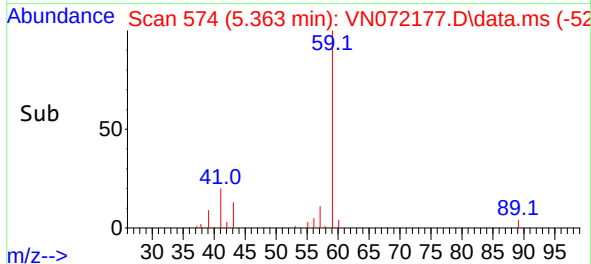
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



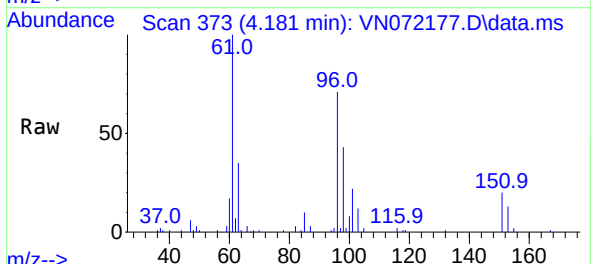
Tgt Ion: 59 Resp: 83978
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

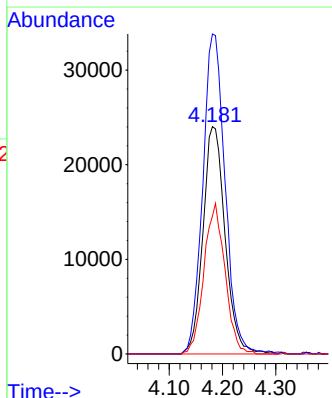
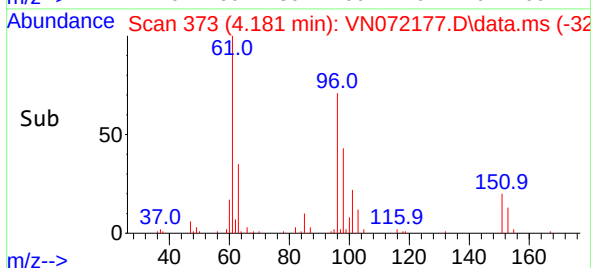
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

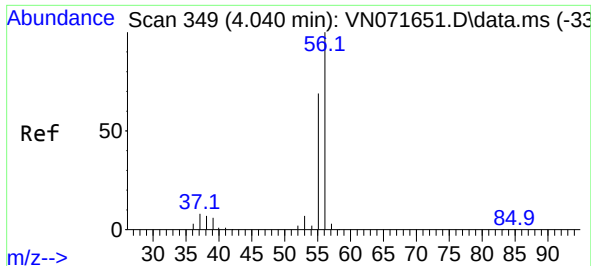


#12
1,1-Dichloroethene
Concen: 19.332 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



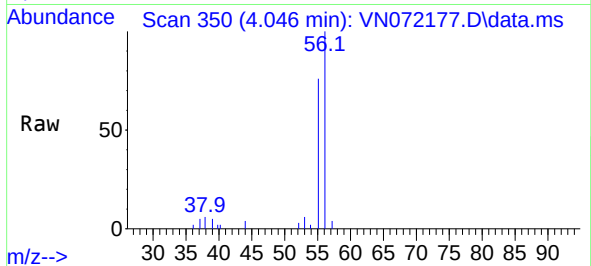
Tgt Ion: 96 Resp: 69557
Ion Ratio Lower Upper
96 100
61 140.7 127.6 191.4
98 60.6 51.2 76.8





#13
Acrolein
Concen: 21.147 ug/l
RT: 4.046 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

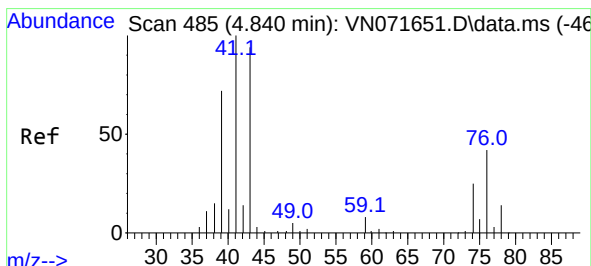
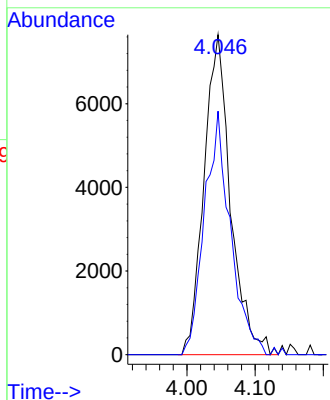
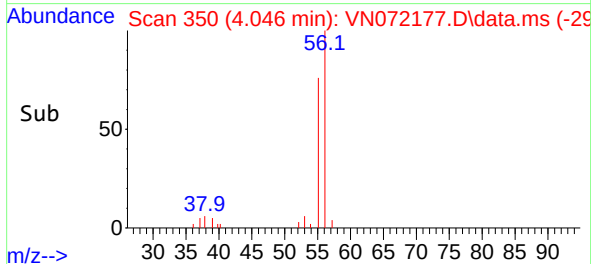
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



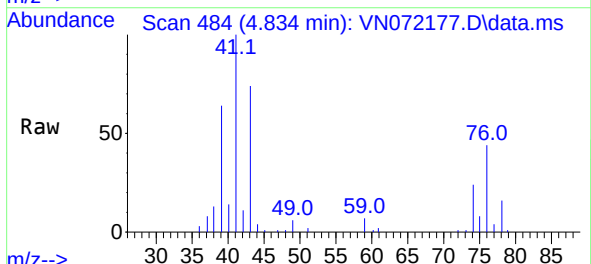
Tgt Ion: 56 Resp: 20824
Ion Ratio Lower Upper
56 100
55 74.1 54.8 82.2

Manual Integrations
APPROVED

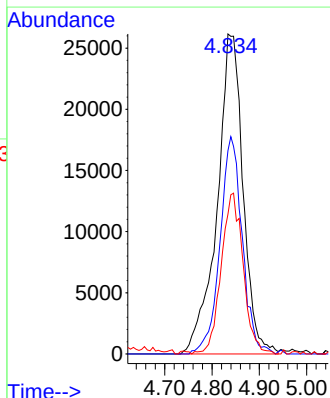
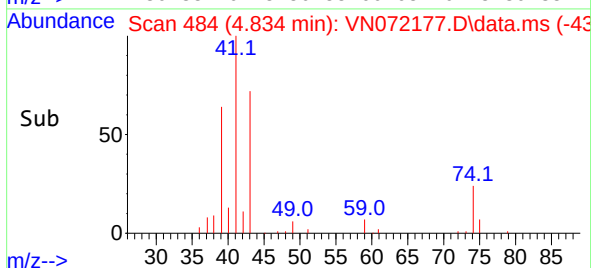
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

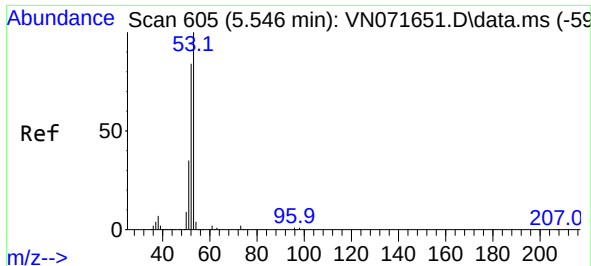


#14
Allyl chloride
Concen: 17.014 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



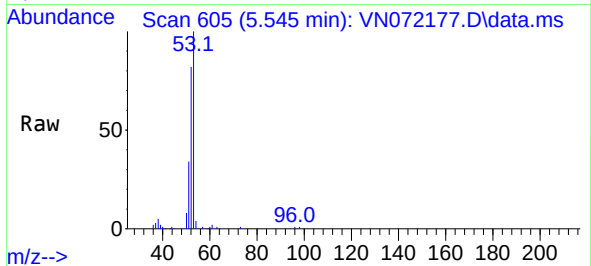
Tgt Ion: 41 Resp: 99365
Ion Ratio Lower Upper
41 100
39 58.3 53.2 79.8
76 42.6 29.9 44.9





#15
Acrylonitrile
Concen: 102.415 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

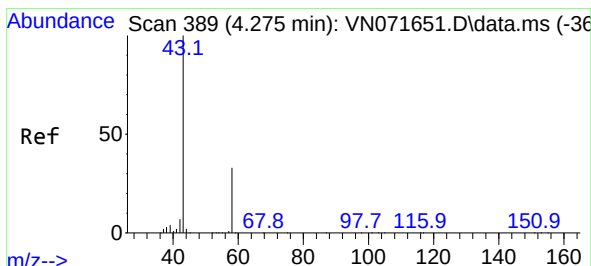
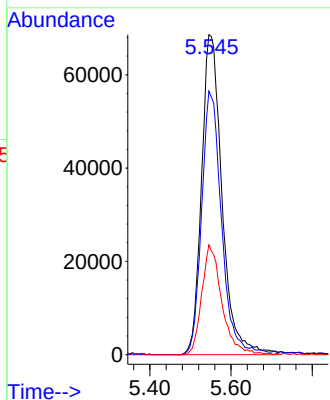
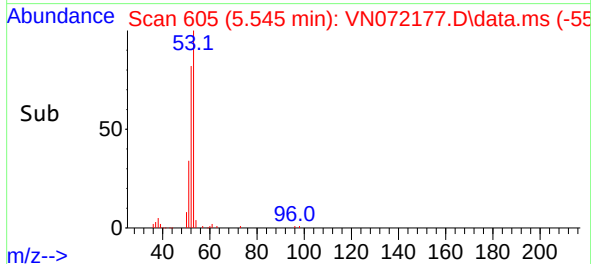
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



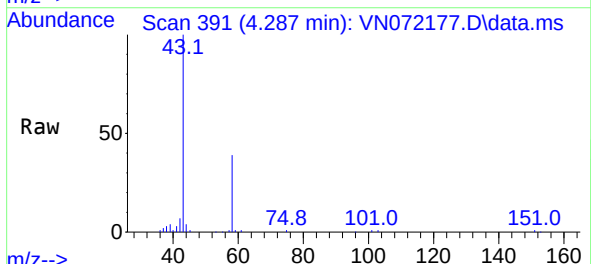
Tgt Ion: 53 Resp: 240410
Ion Ratio Lower Upper
53 100
52 80.1 66.4 99.6
51 33.4 28.5 42.7

Manual Integrations
APPROVED

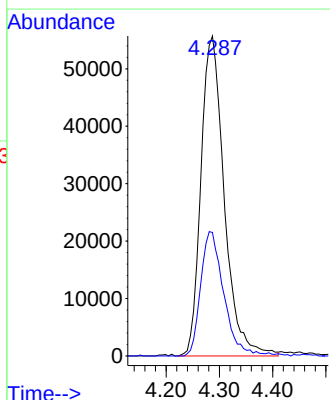
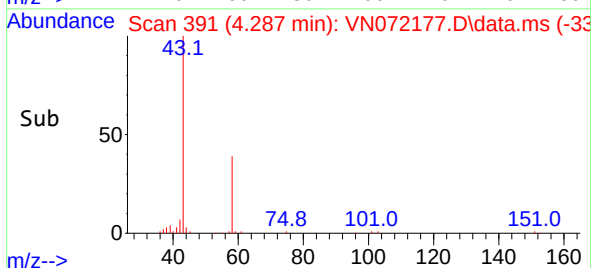
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

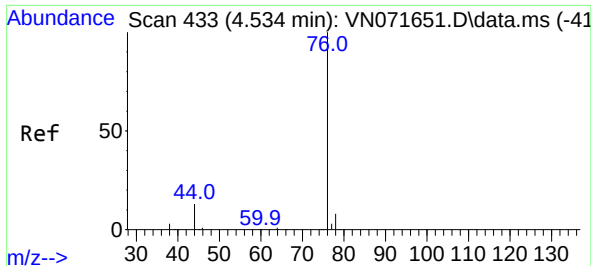


#16
Acetone
Concen: 79.620 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



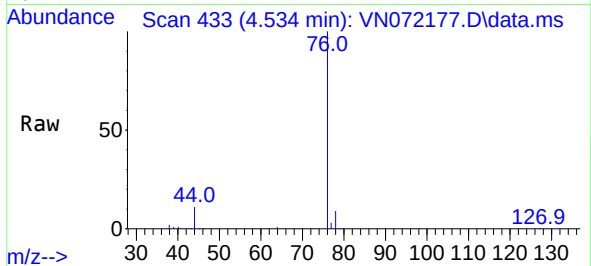
Tgt Ion: 43 Resp: 169335
Ion Ratio Lower Upper
43 100
58 38.6 26.0 39.0





#17
Carbon Disulfide
Concen: 19.338 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

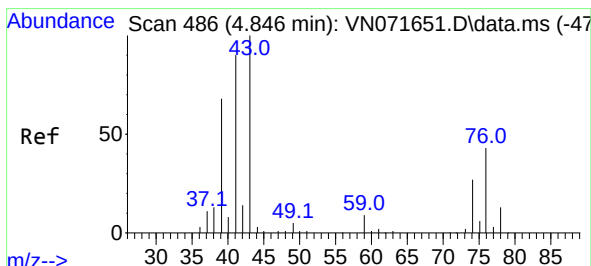
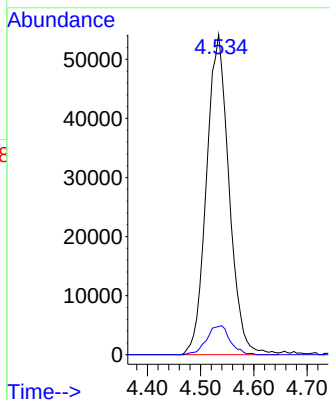
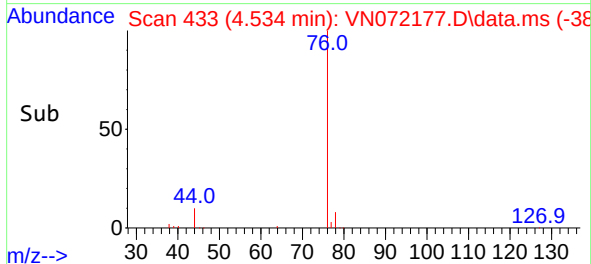
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



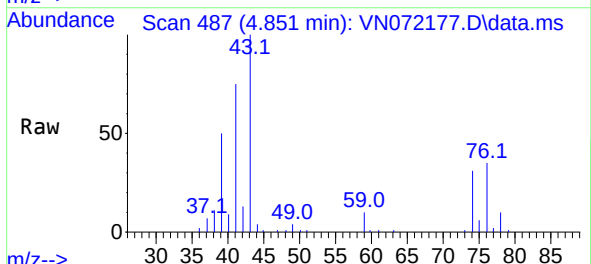
Tgt Ion: 76 Resp: 159650
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

Manual Integrations
APPROVED

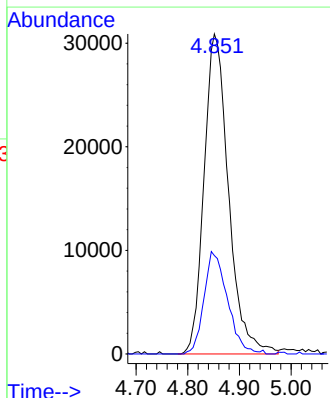
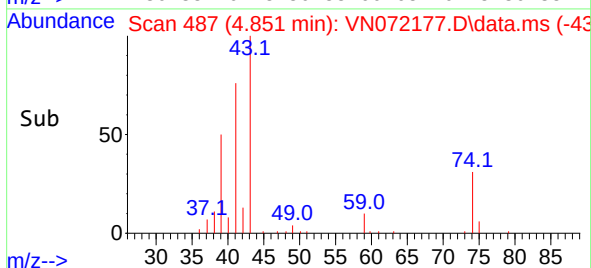
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

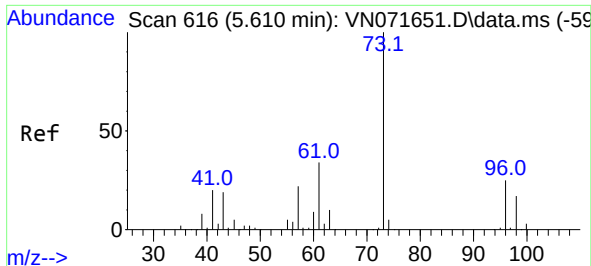


#18
Methyl Acetate
Concen: 18.354 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



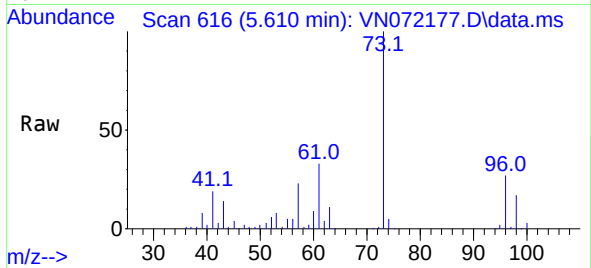
Tgt Ion: 43 Resp: 101711
Ion Ratio Lower Upper
43 100
74 30.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 19.674 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

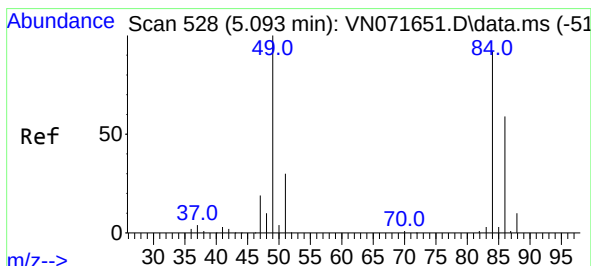
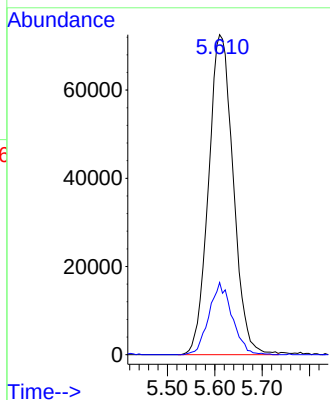
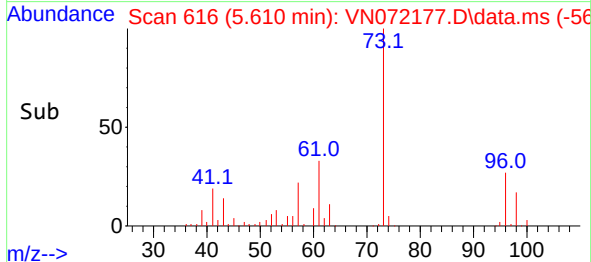
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



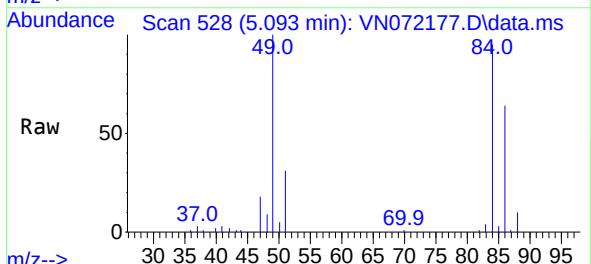
Tgt Ion: 73 Resp: 262979
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4

Manual Integrations
APPROVED

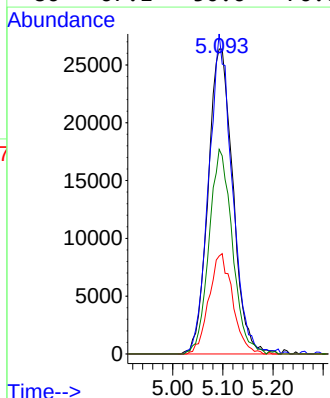
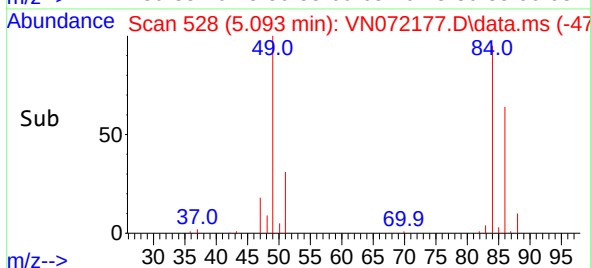
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

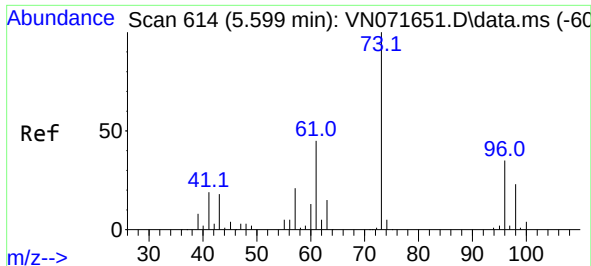


#20
Methylene Chloride
Concen: 20.233 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



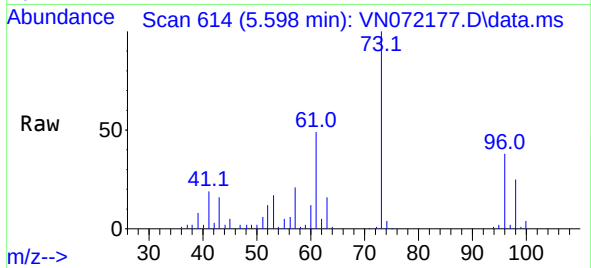
Tgt Ion: 84 Resp: 90701
Ion Ratio Lower Upper
84 100
49 104.9 88.3 132.5
51 32.1 28.2 42.2
86 67.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.401 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

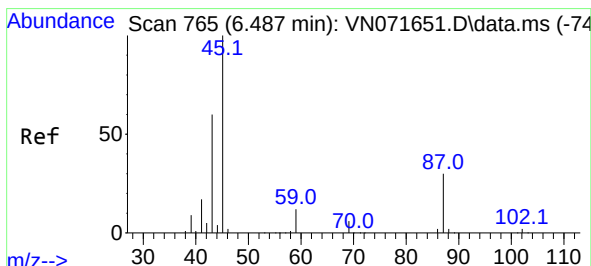
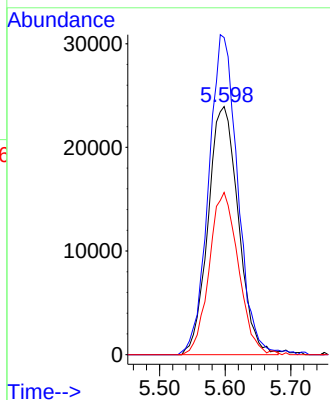
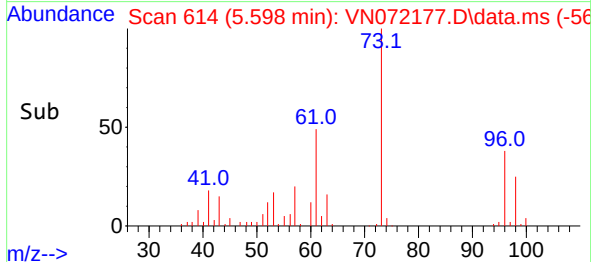
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



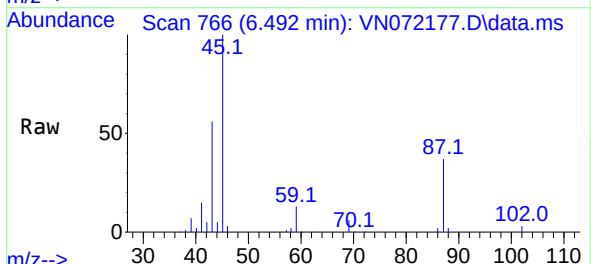
Tgt Ion: 96 Resp: 7663
Ion Ratio Lower Upper
96 100
61 127.8 105.8 158.8
98 65.4 50.3 75.5

Manual Integrations
APPROVED

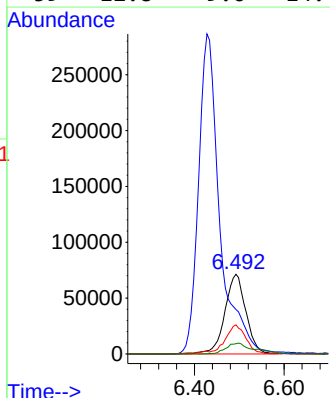
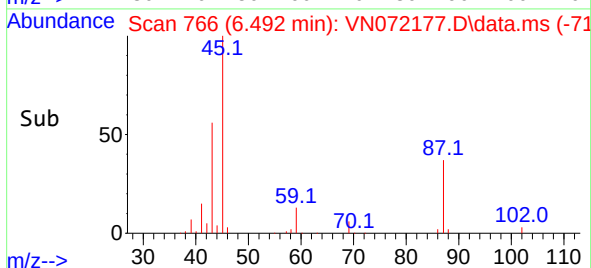
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

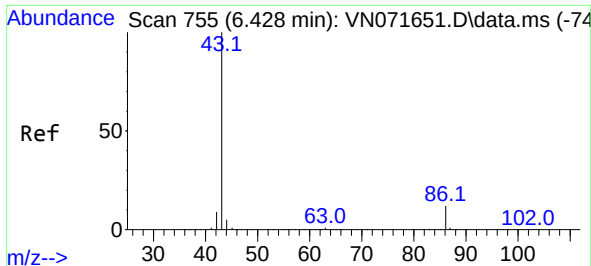


#22
Diisopropyl ether
Concen: 18.265 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



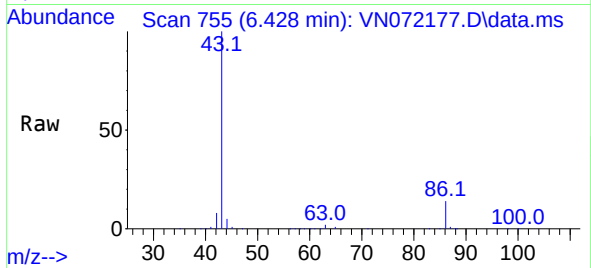
Tgt Ion: 45 Resp: 232222
Ion Ratio Lower Upper
45 100
43 55.6 46.6 70.0
87 36.2 24.3 36.5
59 12.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 93.450 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072177.D
 Acq: 25 Apr 2022 14:15

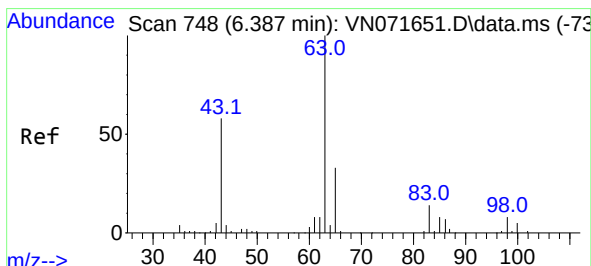
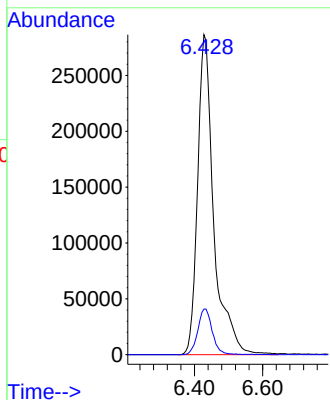
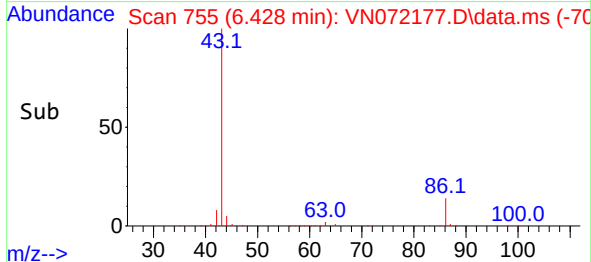
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01



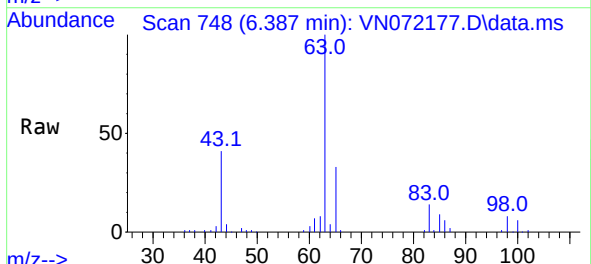
Tgt Ion: 43 Resp: 94479
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.0 15.0

Manual Integrations
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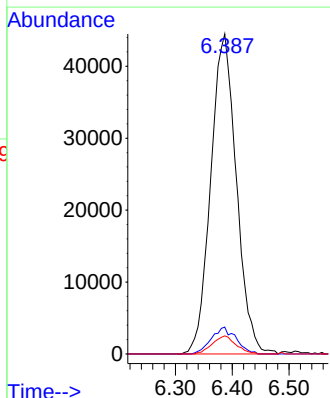
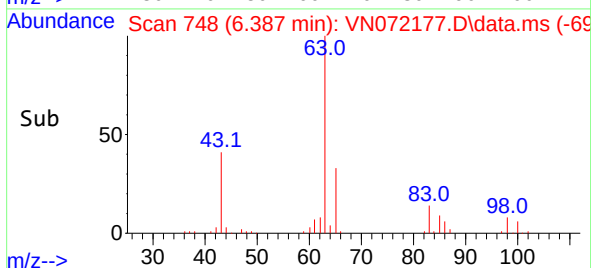
Reviewed By :John Carlone 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

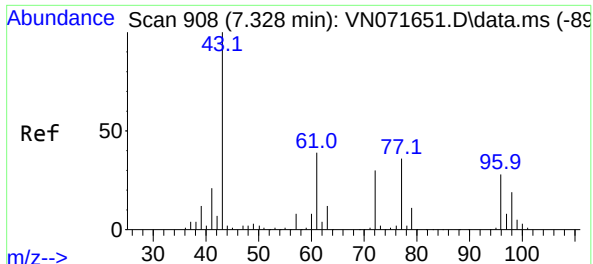


#24
 1,1-Dichloroethane
 Concen: 18.703 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072177.D
 Acq: 25 Apr 2022 14:15



Tgt Ion: 63 Resp: 139590
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.4
 100 5.7 2.3 6.8





#25

2-Butanone

Concen: 89.785 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072177.D

Acq: 25 Apr 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 43 Resp: 275284

Ion Ratio Lower Upper

43 100

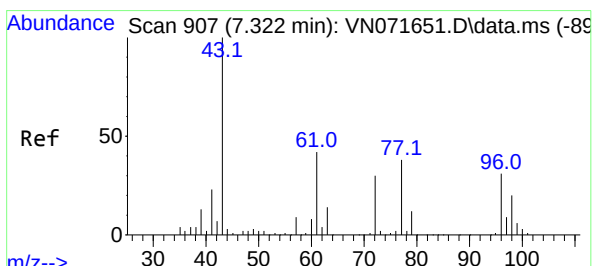
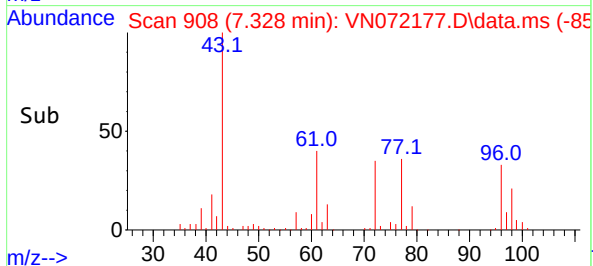
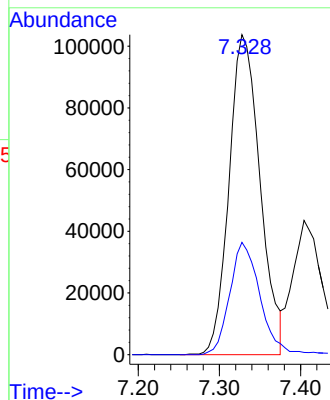
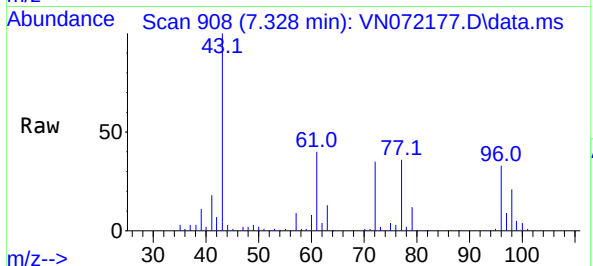
72 35.1 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#26

2,2-Dichloropropane

Concen: 18.207 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072177.D

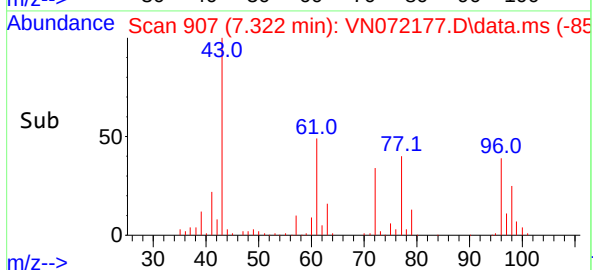
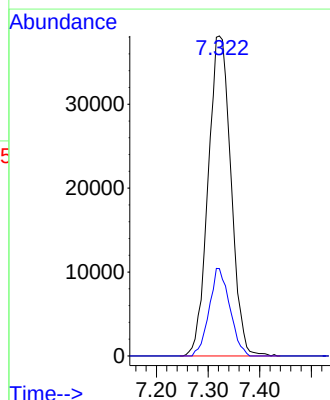
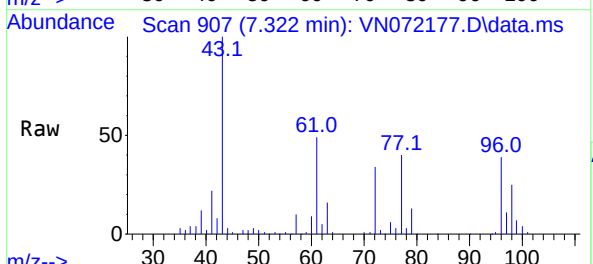
Acq: 25 Apr 2022 14:15

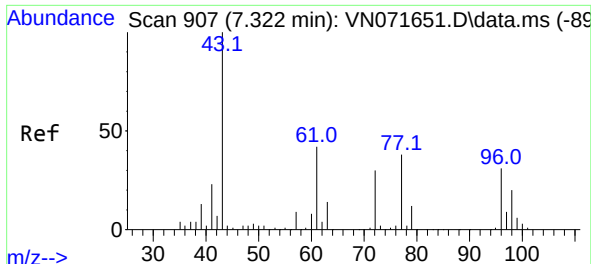
Tgt Ion: 77 Resp: 116738

Ion Ratio Lower Upper

77 100

97 24.7 11.4 34.2





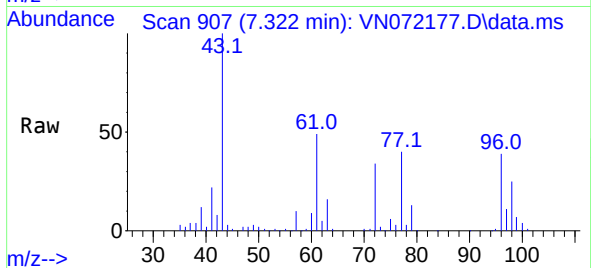
#27
cis-1,2-Dichloroethene
Concen: 20.286 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

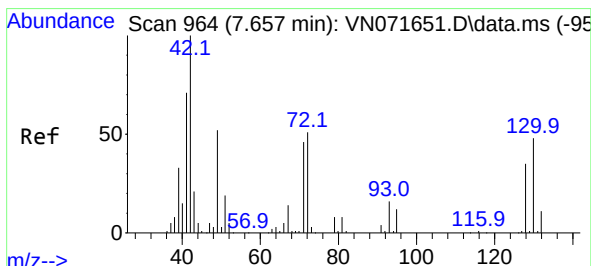
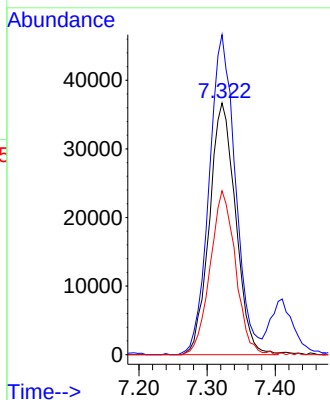
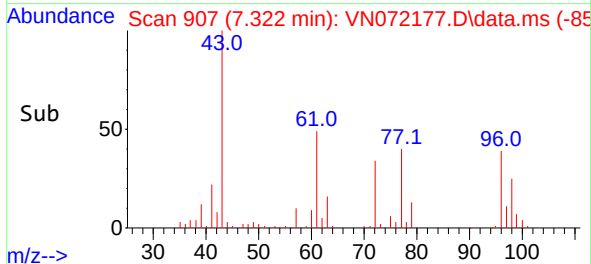


Tgt Ion: 96 Resp: 98260
Ion Ratio Lower Upper
96 100
61 127.8 0.0 280.6
98 63.2 0.0 128.4

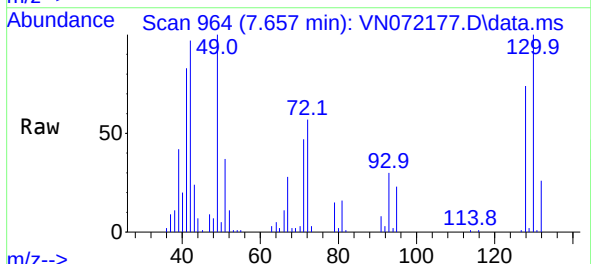
Manual Integrations

APPROVED

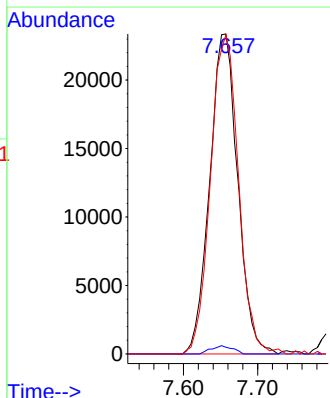
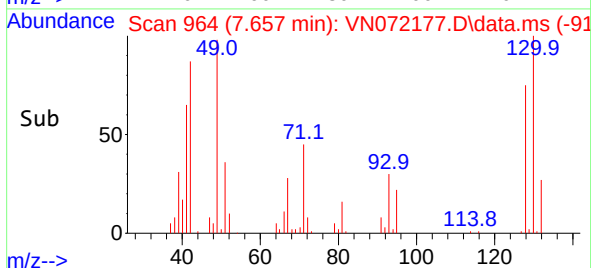
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

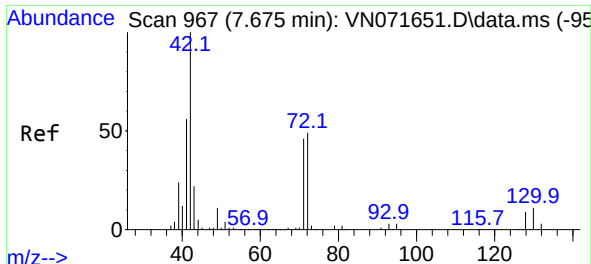


#28
Bromochloromethane
Concen: 20.383 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



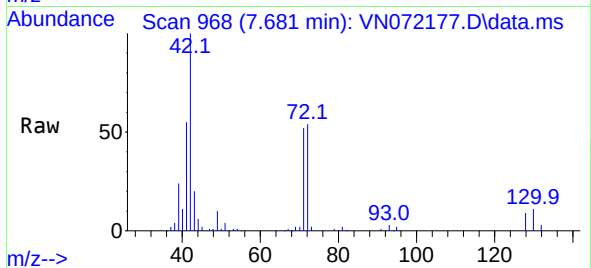
Tgt Ion: 49 Resp: 61368
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 99.7 69.7 104.5





#29
Tetrahydrofuran
Concen: 92.250 ug/l
RT: 7.681 min Scan# 901
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

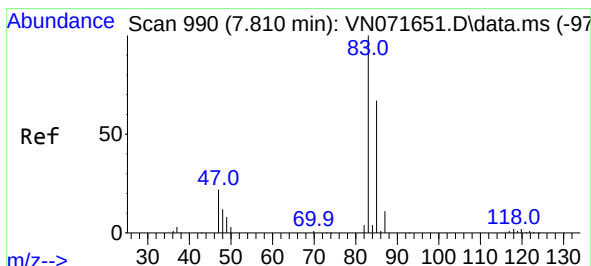
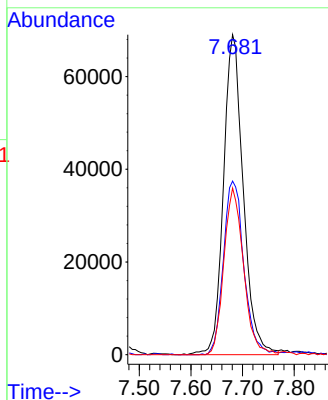
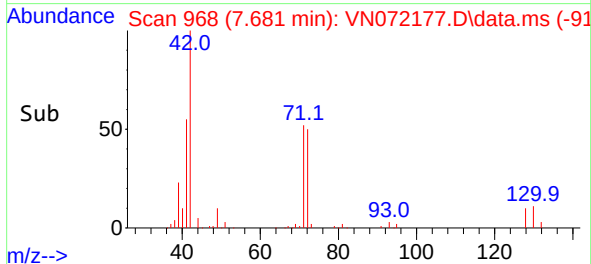
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



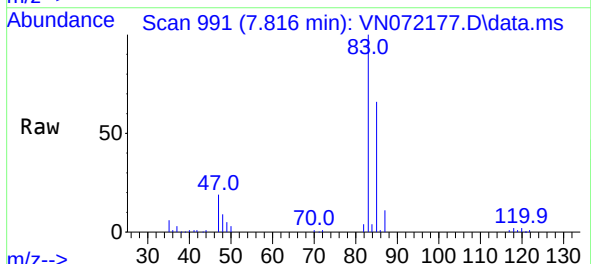
Tgt Ion: 42 Resp: 18314
Ion Ratio Lower Upper
42 100
72 56.5 39.7 59.5
71 51.8 36.6 55.0

Manual Integrations
APPROVED

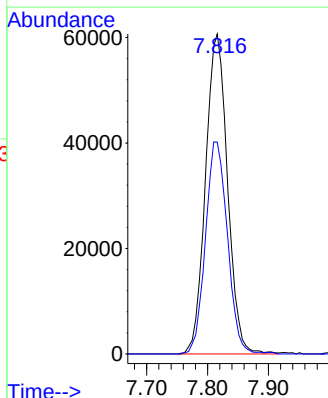
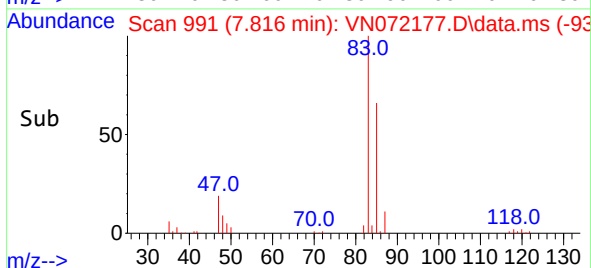
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

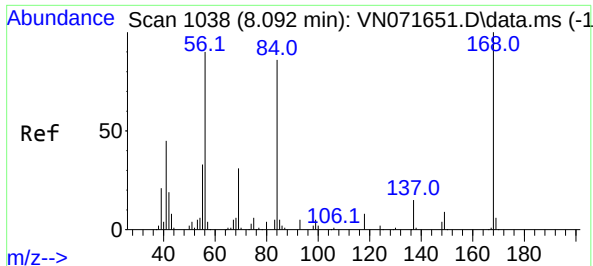


#30
Chloroform
Concen: 19.313 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



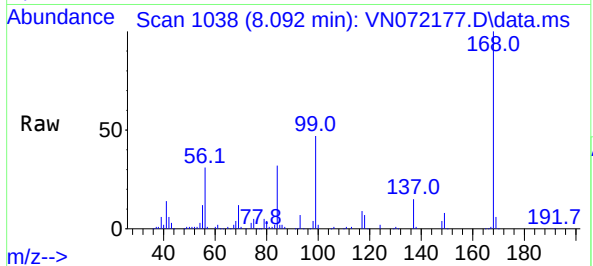
Tgt Ion: 83 Resp: 152206
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.8





#31
Cyclohexane
Concen: 17.895 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

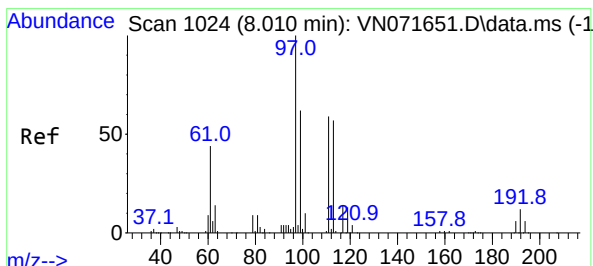
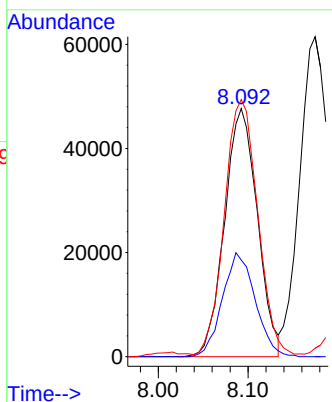
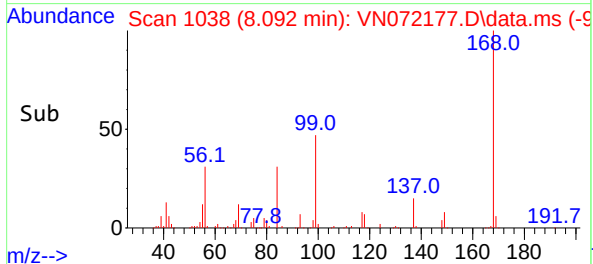
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



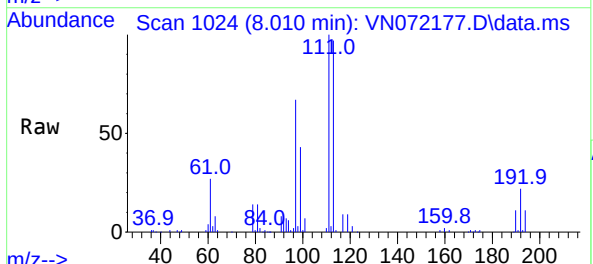
Tgt Ion: 56 Resp: 121109
Ion Ratio Lower Upper
56 100
69 39.0 27.8 41.8
84 102.5 76.9 115.3

Manual Integrations
APPROVED

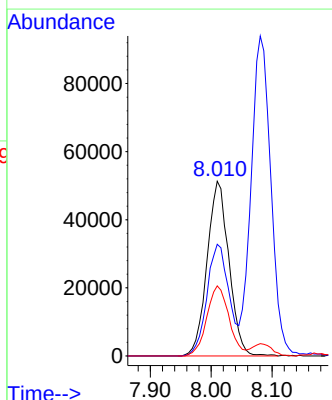
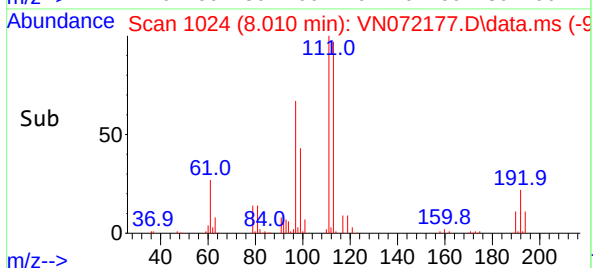
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

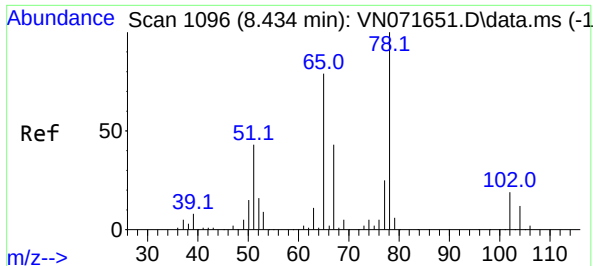


#32
1,1,1-Trichloroethane
Concen: 18.975 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



Tgt Ion: 97 Resp: 127931
Ion Ratio Lower Upper
97 100
99 65.2 50.6 76.0
61 40.8 36.0 54.0





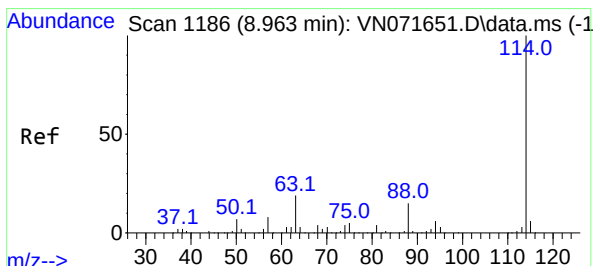
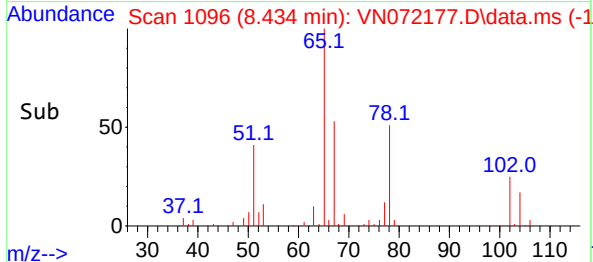
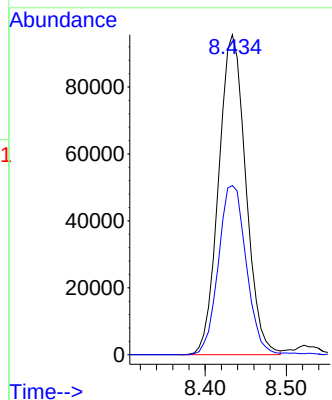
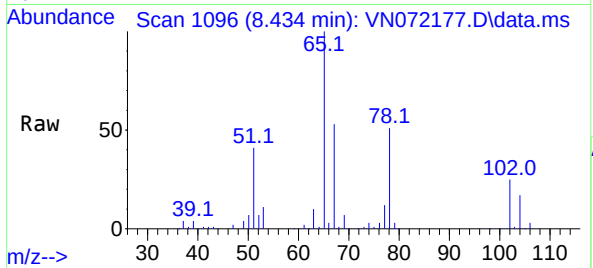
#33
1,2-Dichloroethane-d4
Concen: 44.668 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 65 Resp: 22229
Ion Ratio Lower Upper
65 100
67 54.4 0.0 104.8

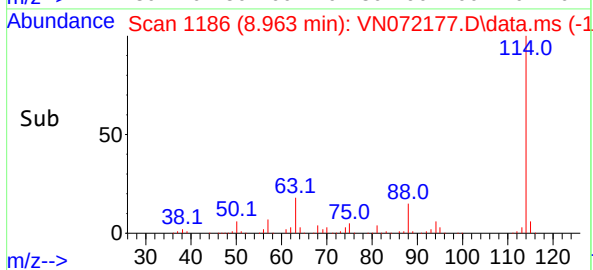
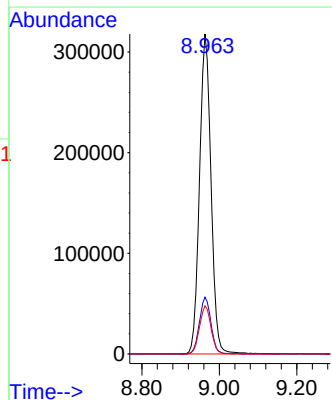
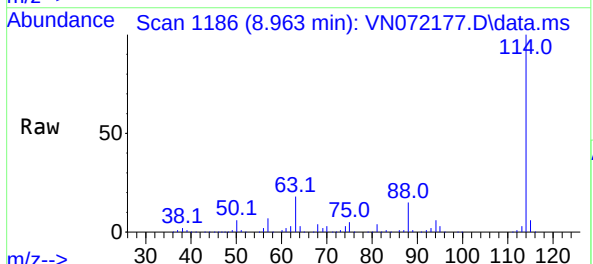
Manual Integrations
APPROVED

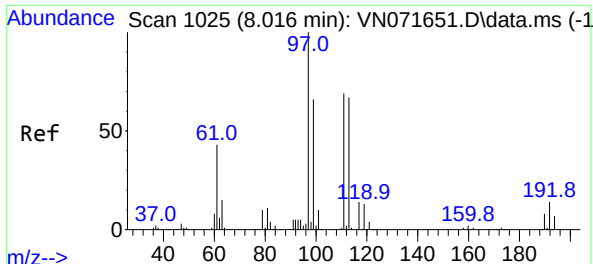
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

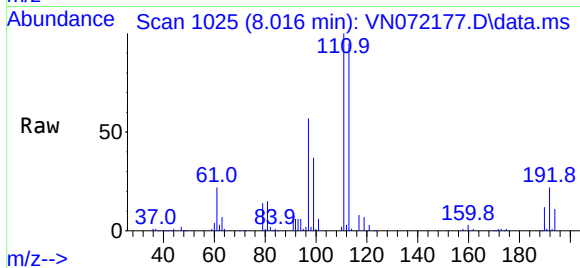
Tgt Ion:114 Resp: 654135
Ion Ratio Lower Upper
114 100
63 17.7 0.0 40.0
88 15.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.361 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

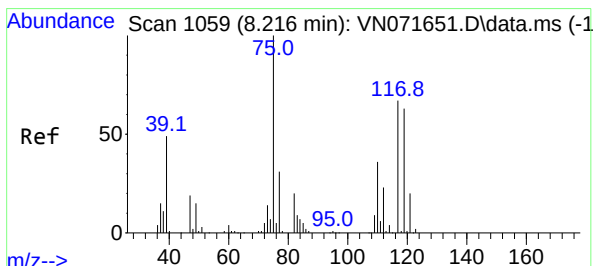
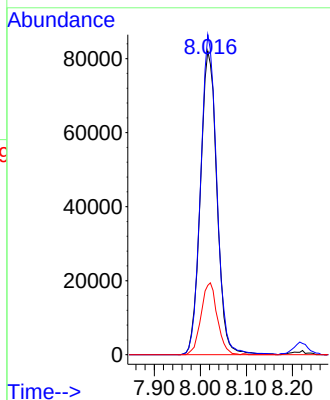
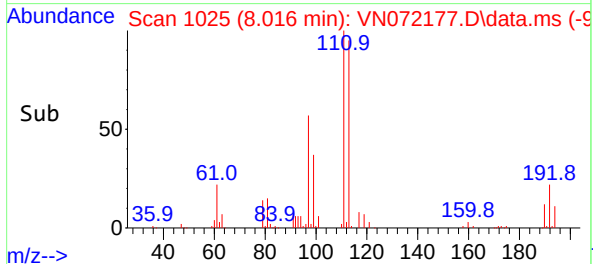
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



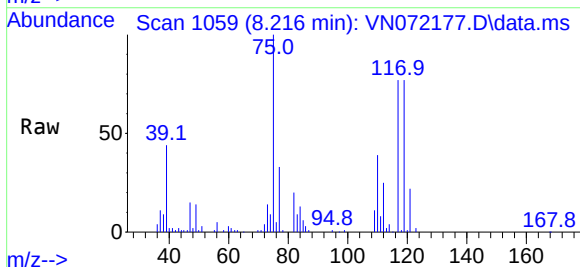
Tgt Ion: 113 Resp: 205398
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 23.2 17.0 25.6

Manual Integrations
APPROVED

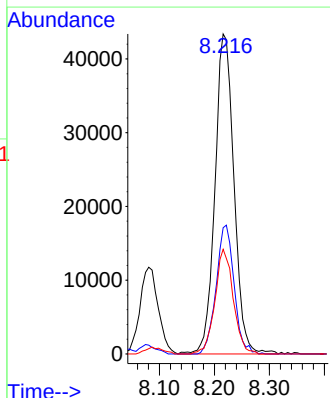
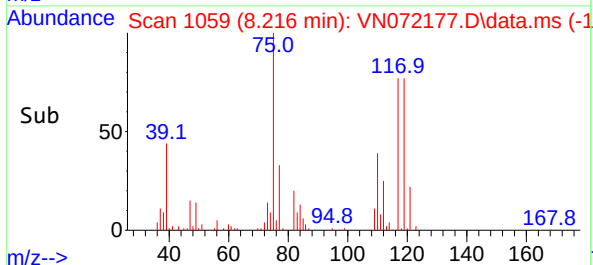
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

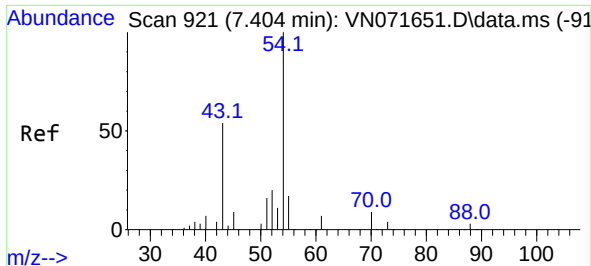


#36
1,1-Dichloropropene
Concen: 19.421 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



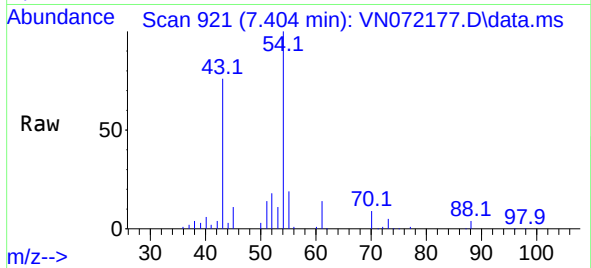
Tgt Ion: 75 Resp: 104395
Ion Ratio Lower Upper
75 100
110 38.0 18.3 54.8
77 31.5 25.1 37.7





#37
Ethyl Acetate
Concen: 18.970 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

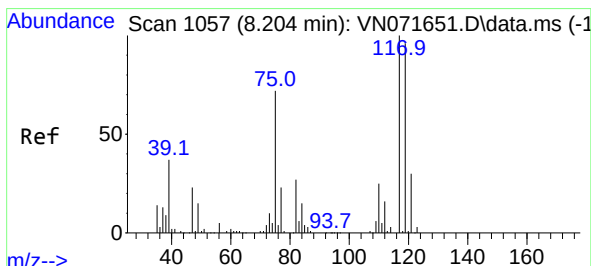
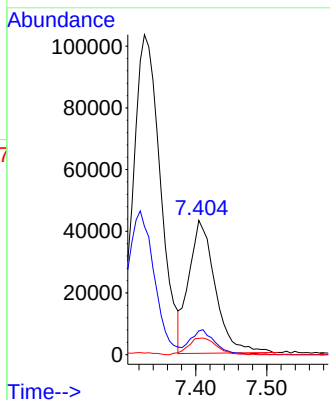
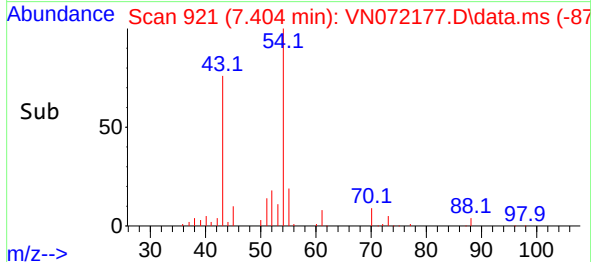
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



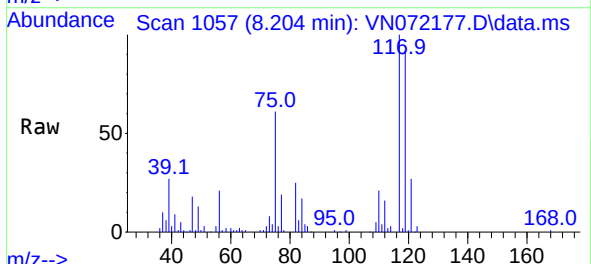
Tgt Ion: 43 Resp: 111610
Ion Ratio Lower Upper
43 100
61 16.2 11.8 17.6
70 13.2 9.3 13.9

Manual Integrations
APPROVED

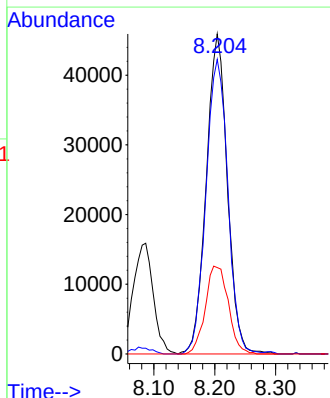
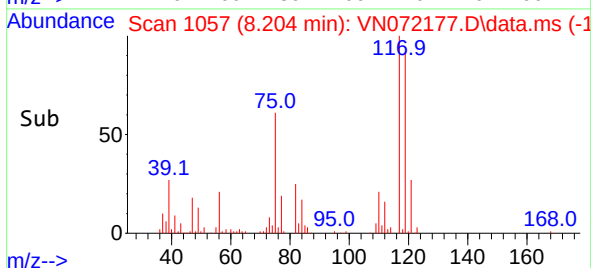
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

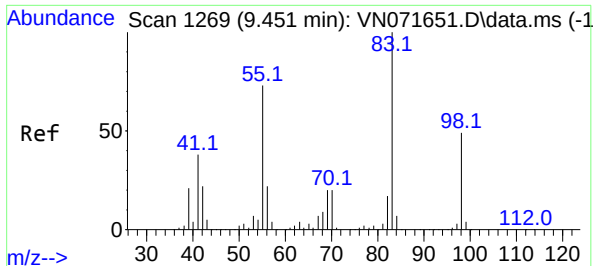


#38
Carbon Tetrachloride
Concen: 20.995 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



Tgt Ion:117 Resp: 110605
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.8
121 27.0 24.6 37.0





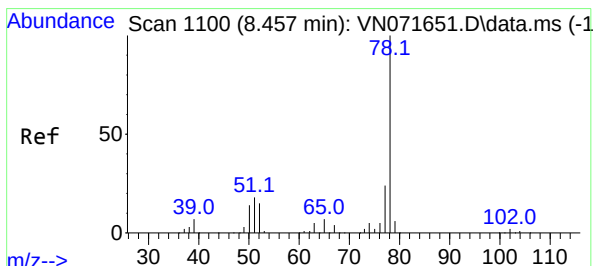
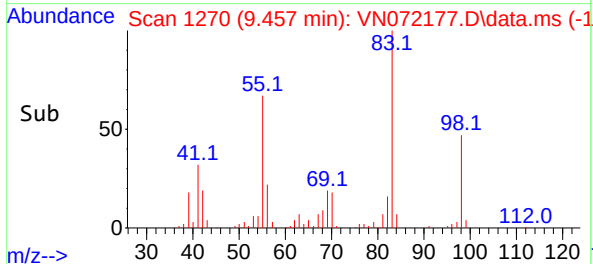
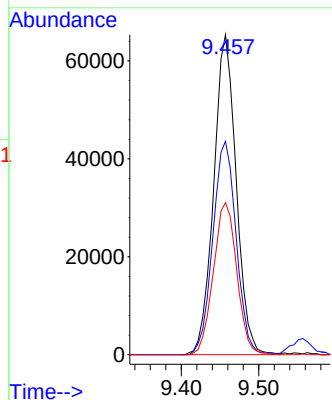
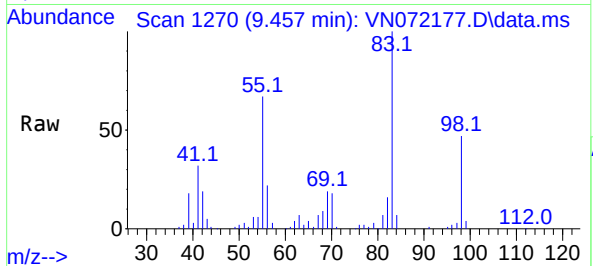
#39
Methylcyclohexane
Concen: 20.609 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 83 Resp: 13186
Ion Ratio Lower Upper
83 100
55 66.7 57.8 86.8
98 47.5 39.4 59.2

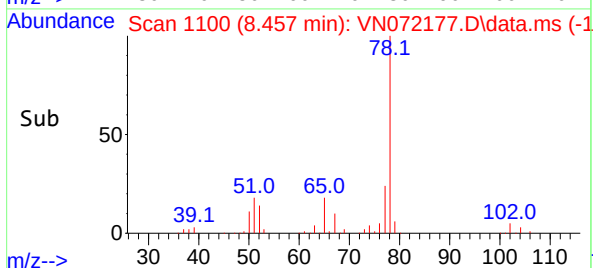
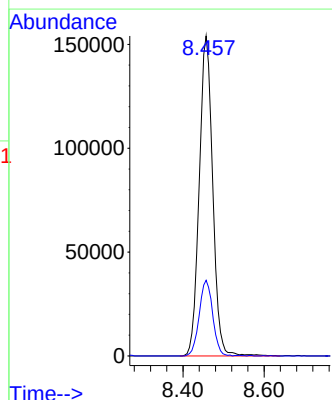
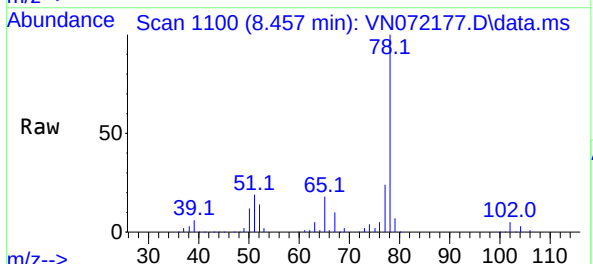
Manual Integrations
APPROVED

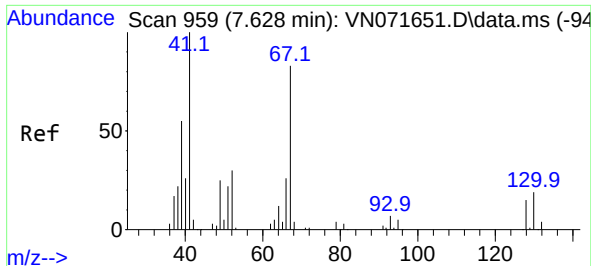
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#40
Benzene
Concen: 20.961 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

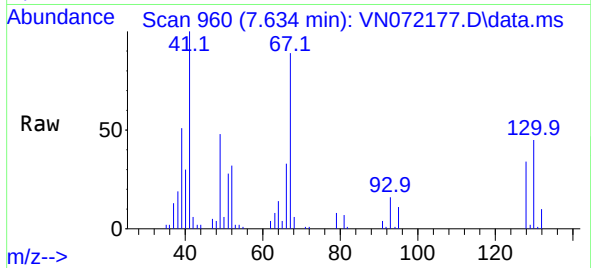
Tgt Ion: 78 Resp: 355918
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 19.803 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

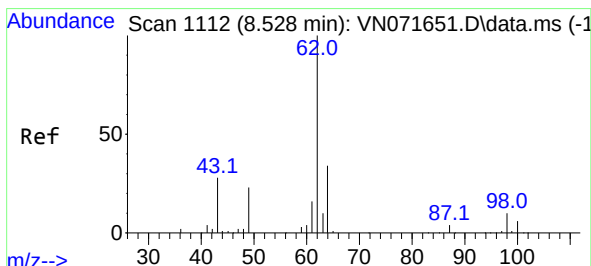
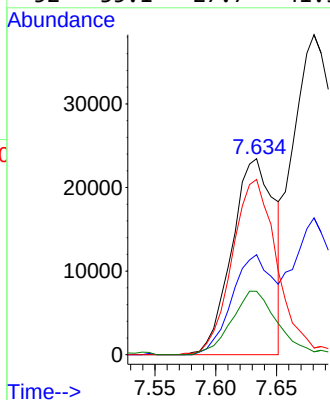
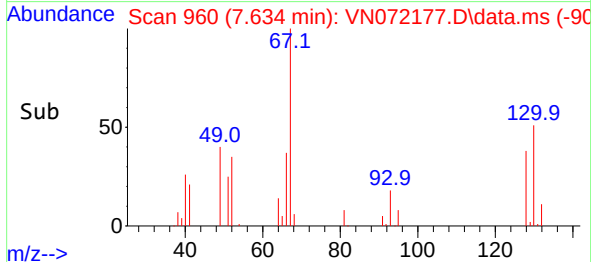
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



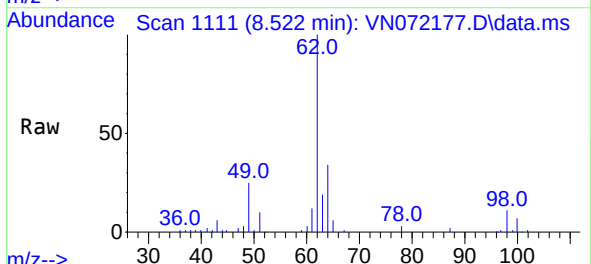
Tgt Ion: 41 Resp: 5704
Ion Ratio Lower Upper
41 100
39 50.0 48.6 73.0
67 95.8 73.4 110.2
52 35.1 27.7 41.5

Manual Integrations
APPROVED

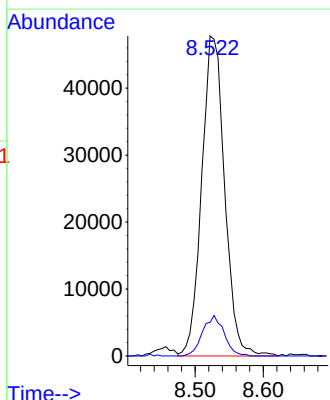
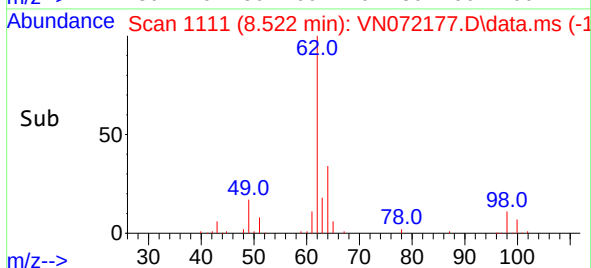
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

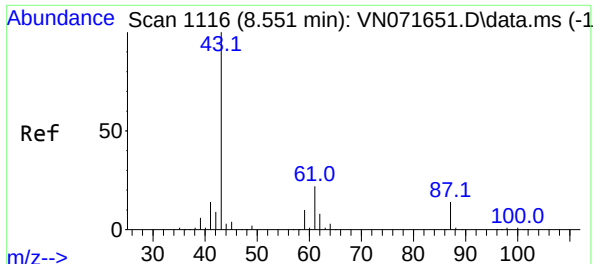


#42
1,2-Dichloroethane
Concen: 19.059 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



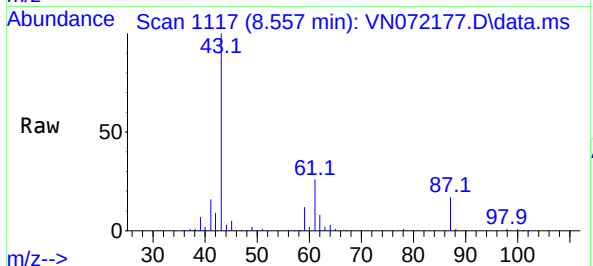
Tgt Ion: 62 Resp: 111949
Ion Ratio Lower Upper
62 100
98 11.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 18.724 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

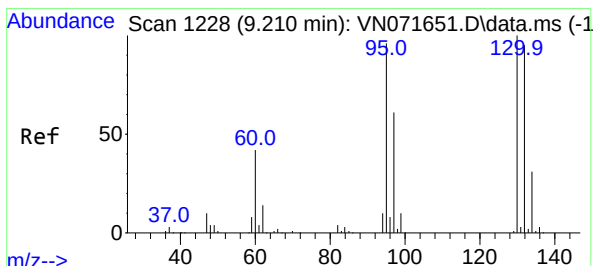
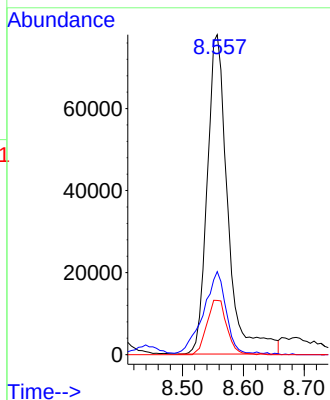
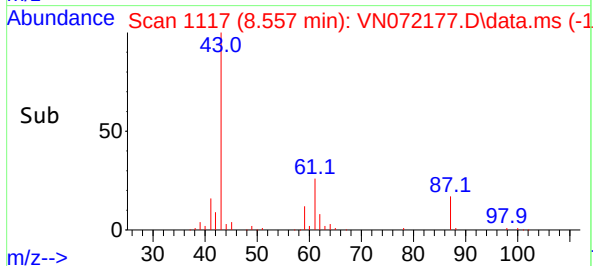
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 183229
Ion Ratio Lower Upper
43 100
61 27.9 21.9 32.9
87 16.4 12.0 18.0

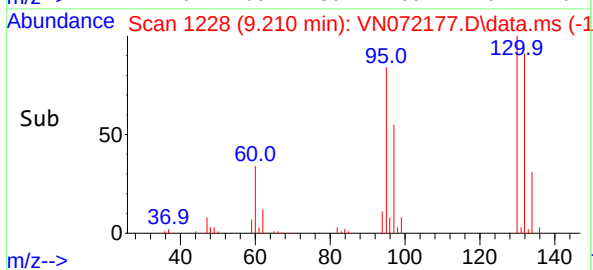
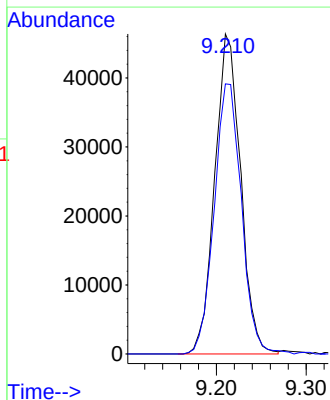
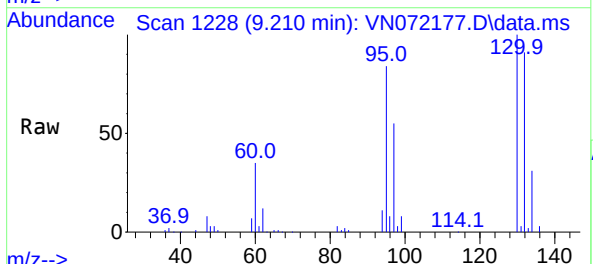
Manual Integrations
APPROVED

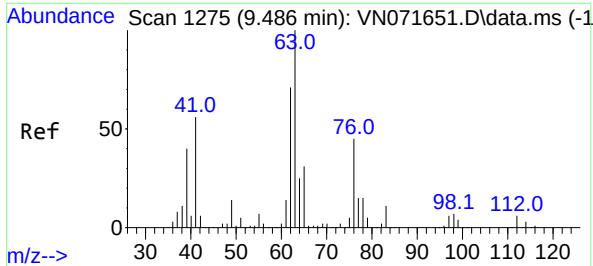
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#44
Trichloroethene
Concen: 21.175 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Tgt Ion:130 Resp: 92632
Ion Ratio Lower Upper
130 100
95 84.4 0.0 186.8





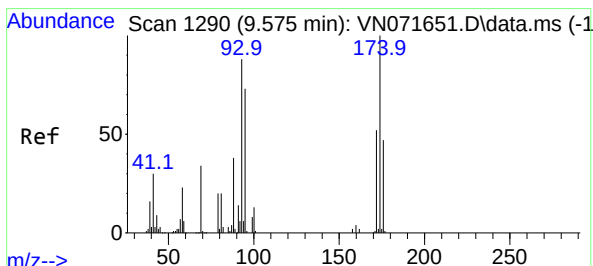
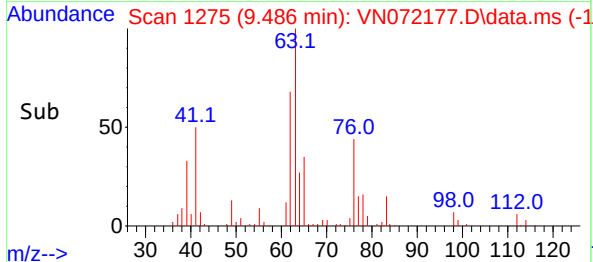
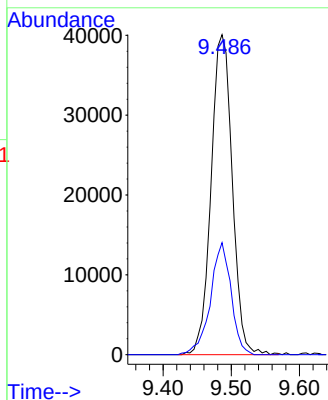
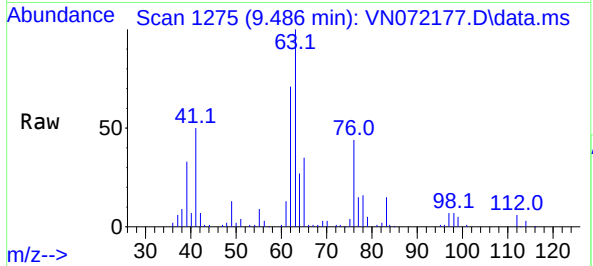
#45
1,2-Dichloropropane
Concen: 20.439 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 63 Resp: 8670
Ion Ratio Lower Upper
63 100
65 35.0 24.9 37.3

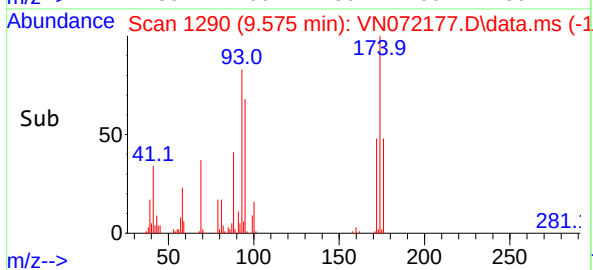
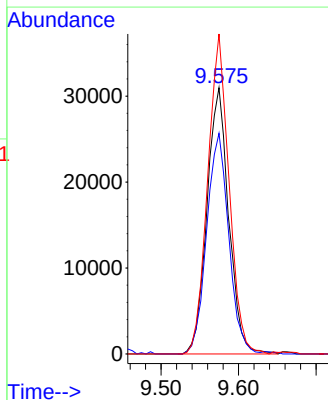
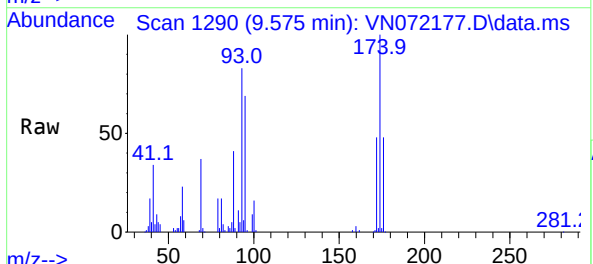
Manual Integrations
APPROVED

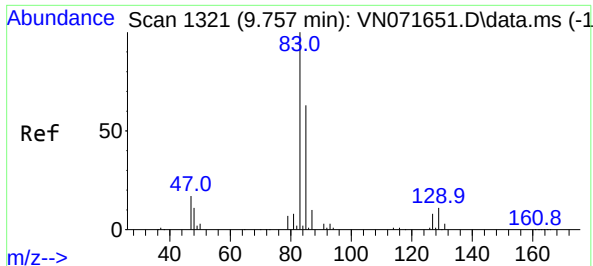
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#46
Dibromomethane
Concen: 21.020 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

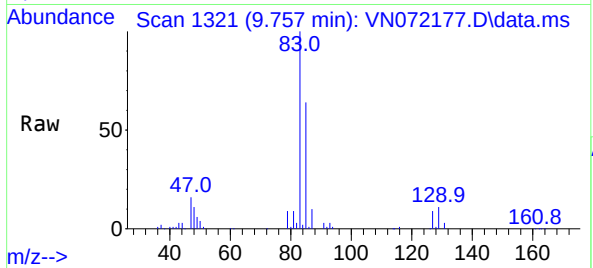
Tgt Ion: 93 Resp: 60540
Ion Ratio Lower Upper
93 100
95 84.0 66.9 100.3
174 117.5 86.6 130.0





#47
Bromodichloromethane
Concen: 21.089 ug/l
RT: 9.757 min Scan# 11956
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

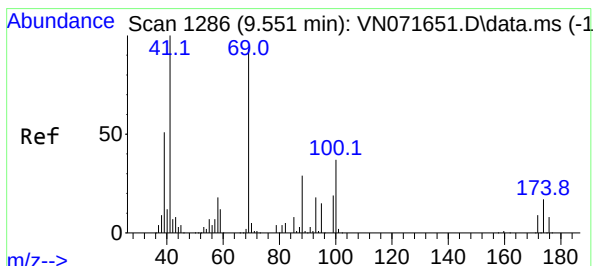
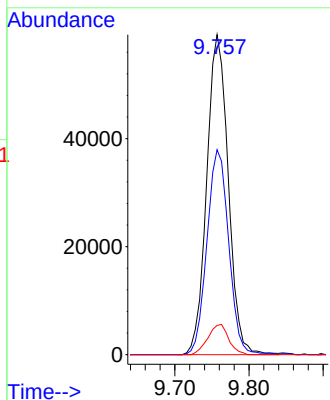
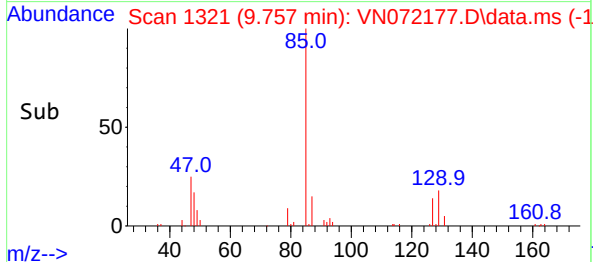
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



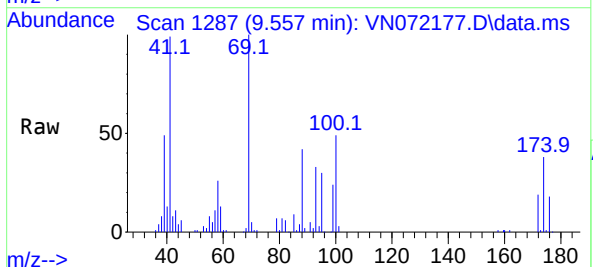
Tgt Ion: 83 Resp: 11956
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 9.2 6.8 10.2

Manual Integrations
APPROVED

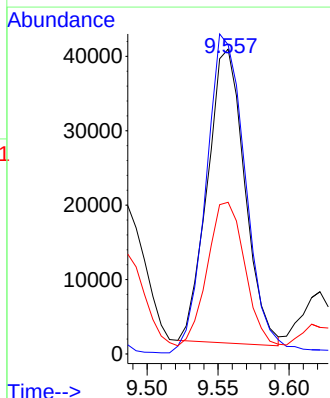
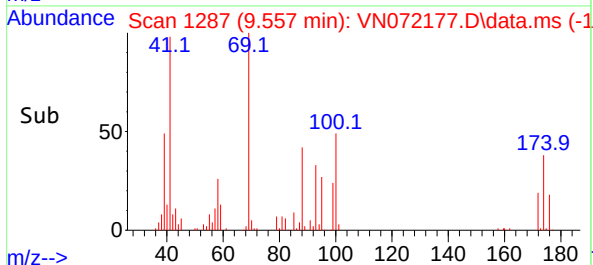
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

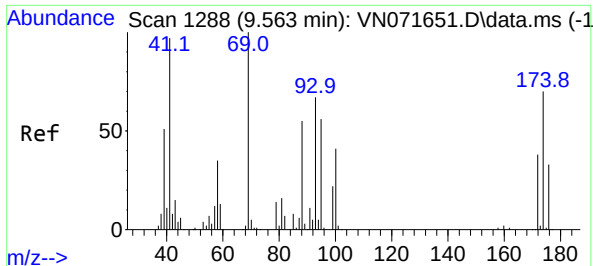


#48
Methyl methacrylate
Concen: 17.736 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



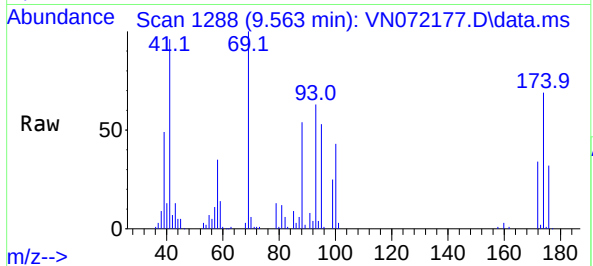
Tgt Ion: 41 Resp: 72009
Ion Ratio Lower Upper
41 100
69 116.8 74.7 112.1#
39 55.8 45.6 68.4





#49
1,4-Dioxane
Concen: 434.080 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

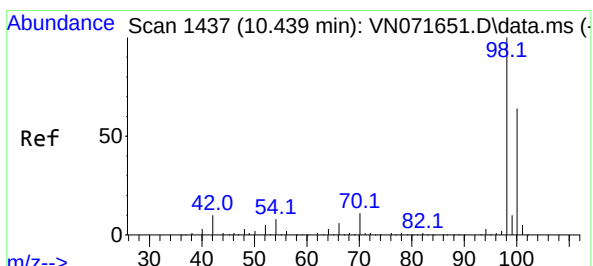
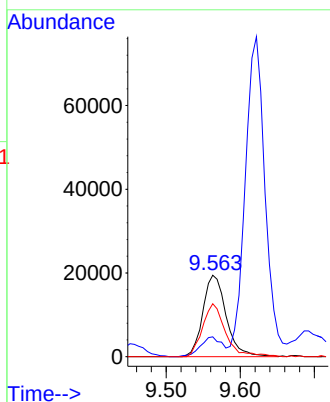
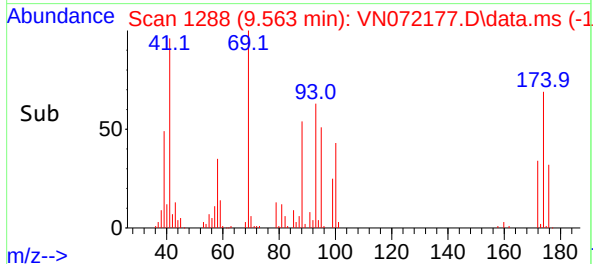
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



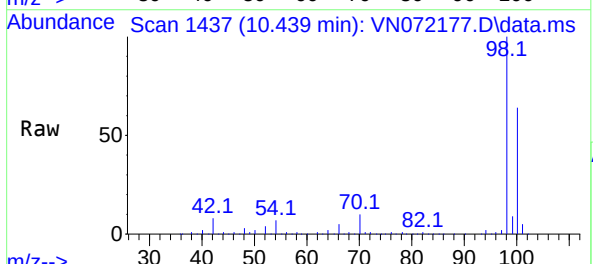
Tgt Ion: 88 Resp: 4256
Ion Ratio Lower Upper
88 100
43 22.2 20.2 30.4
58 64.1 54.2 81.4

Manual Integrations
APPROVED

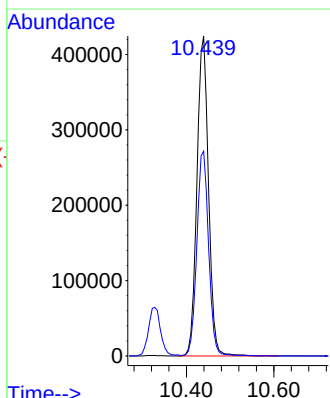
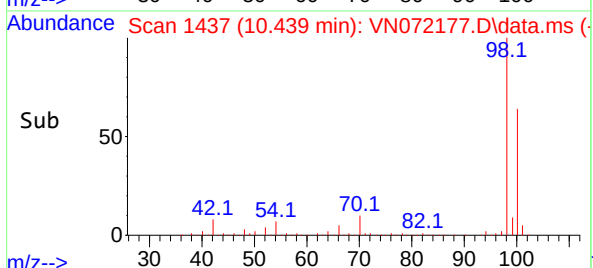
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

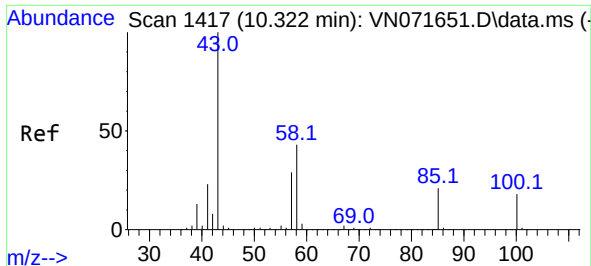


#50
Toluene-d8
Concen: 49.633 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



Tgt Ion: 98 Resp: 781535
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





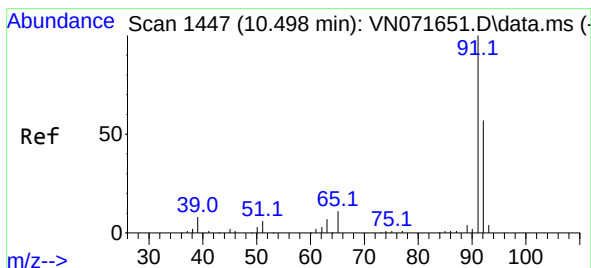
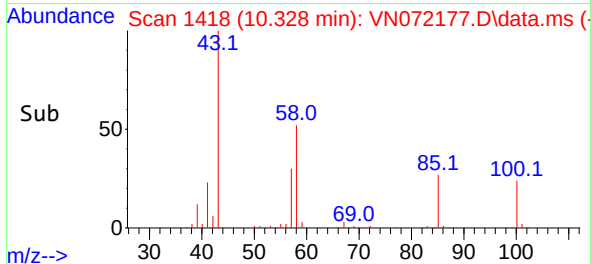
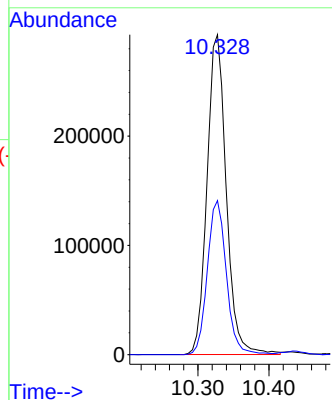
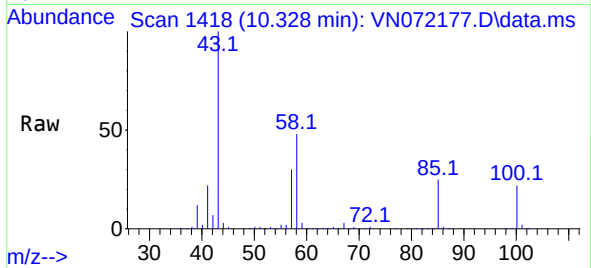
#51
4-Methyl-2-Pentanone
Concen: 97.974 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 43 Resp: 551240
Ion Ratio Lower Upper
43 100
58 47.8 34.1 51.1

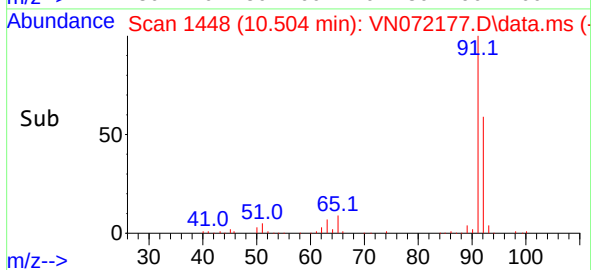
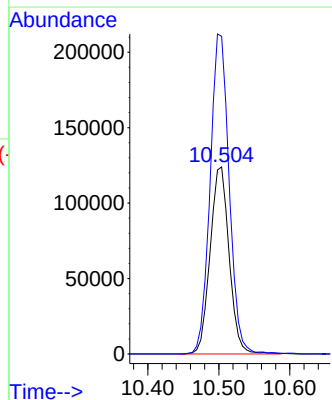
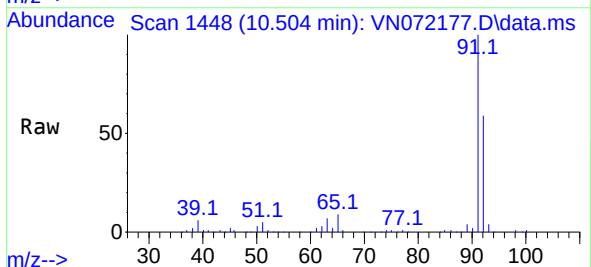
Manual Integrations
APPROVED

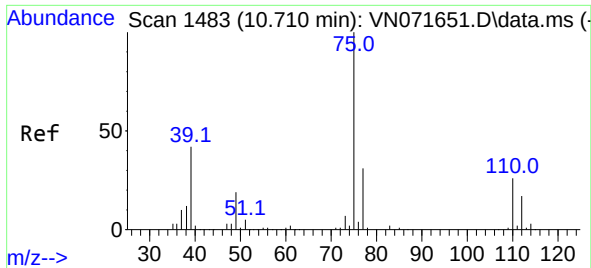
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#52
Toluene
Concen: 21.427 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

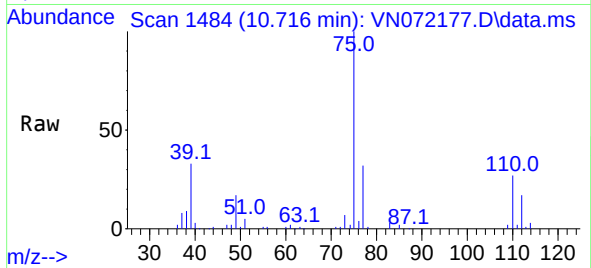
Tgt Ion: 92 Resp: 229988
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.658 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

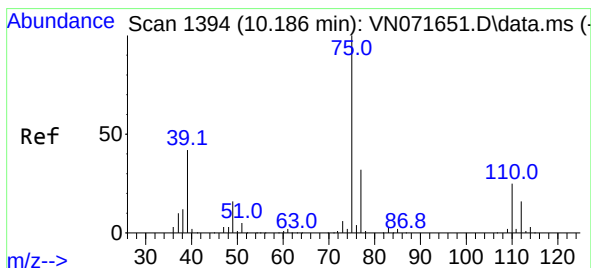
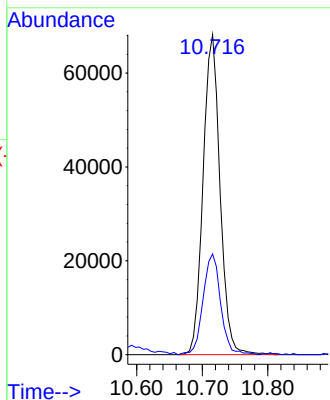
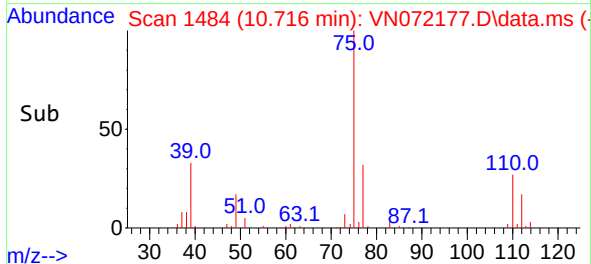
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 75 Resp: 122748
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

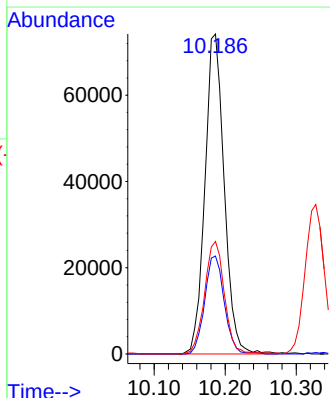
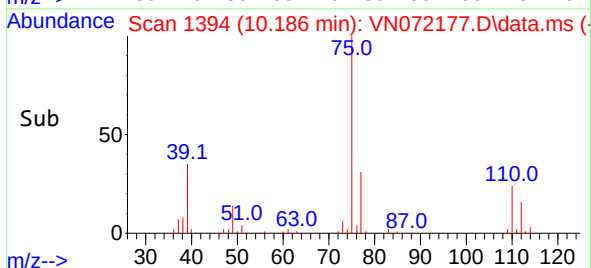
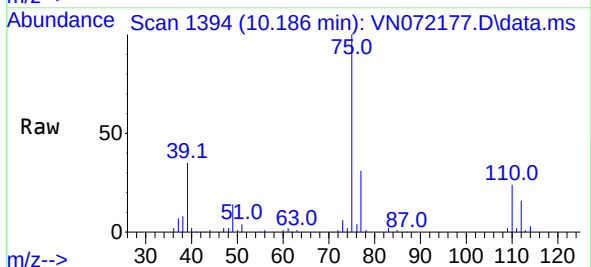
Manual Integrations
APPROVED

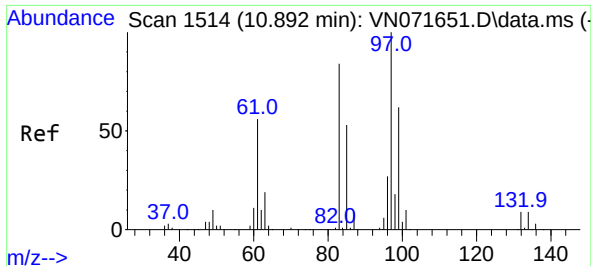
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#54
cis-1,3-Dichloropropene
Concen: 21.337 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Tgt Ion: 75 Resp: 140087
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8
39 34.8 35.7 53.5#





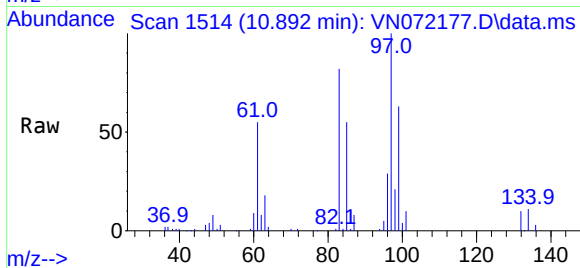
#55
1,1,2-Trichloroethane
Concen: 21.901 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01



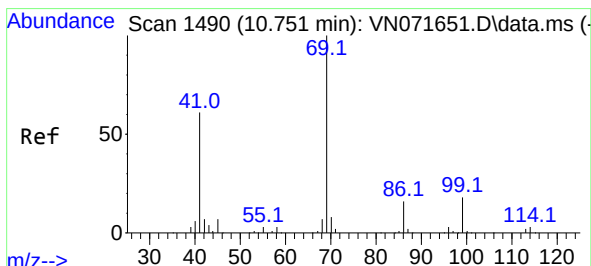
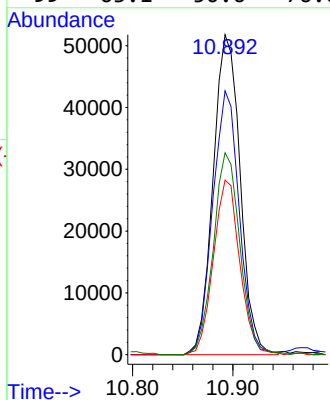
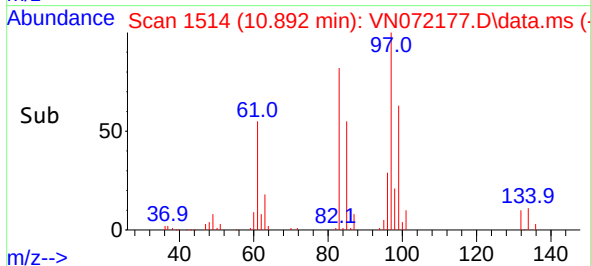
Tgt Ion:	97	Resp:	9674
Ion Ratio	100	Lower	Upper
97	100		
83	82.4	66.2	99.4
85	54.5	43.9	65.9
99	63.1	50.6	76.0

Manual Integrations

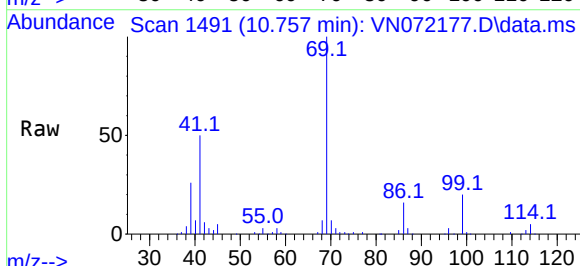
APPROVED

Reviewed By :John Carlone 04/26/2022

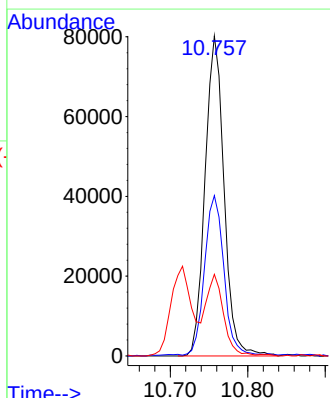
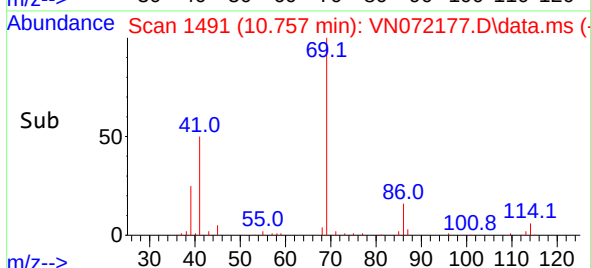
Supervised By :Mahesh Dadoda 04/26/2022

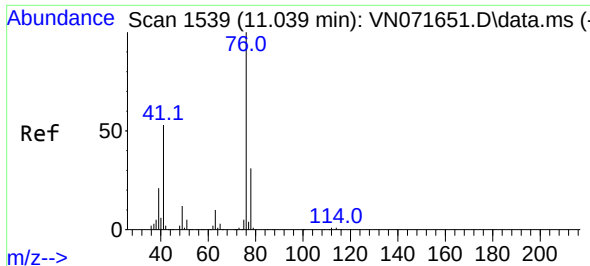


#56
Ethyl methacrylate
Concen: 21.669 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



Tgt Ion:	69	Resp:	136559
Ion Ratio	100	Lower	Upper
69	100		
41	50.7	47.8	71.6
39	22.4	27.3	40.9





#57

1,3-Dichloropropane

Concen: 20.912 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072177.D

Acq: 25 Apr 2022 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 76 Resp: 154459

Ion Ratio Lower Upper

76 100

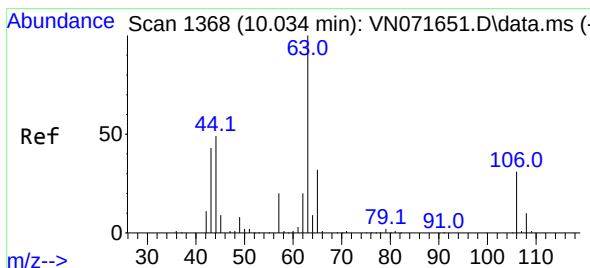
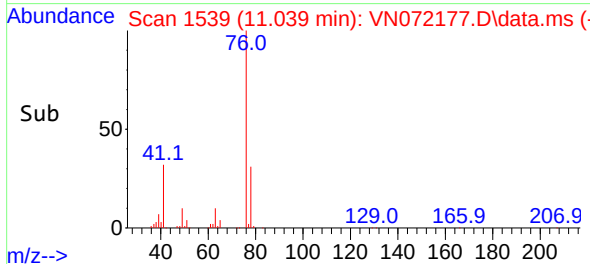
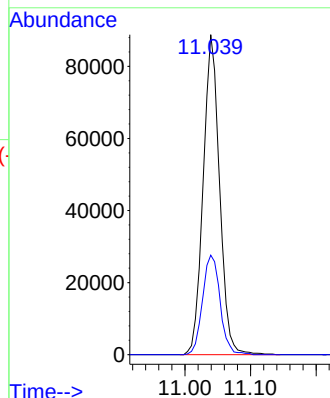
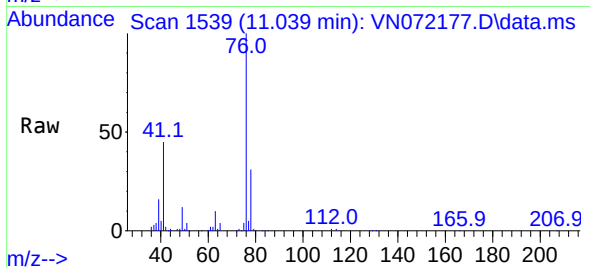
78 33.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#58

2-Chloroethyl Vinyl ether

Concen: 96.514 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN072177.D

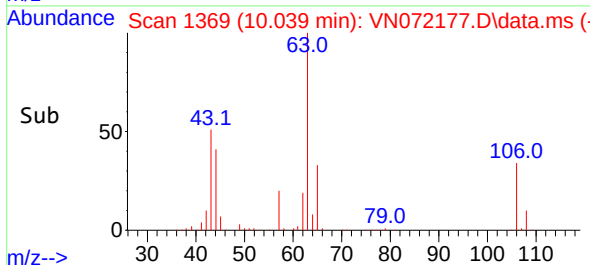
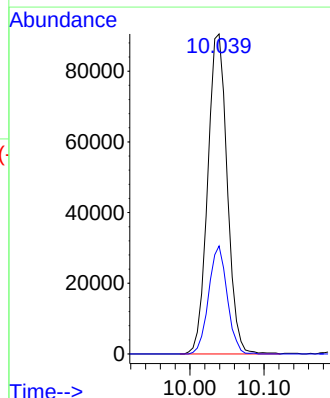
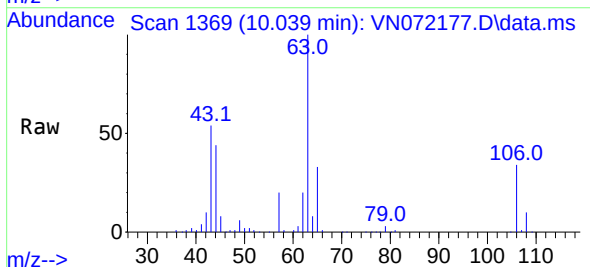
Acq: 25 Apr 2022 14:15

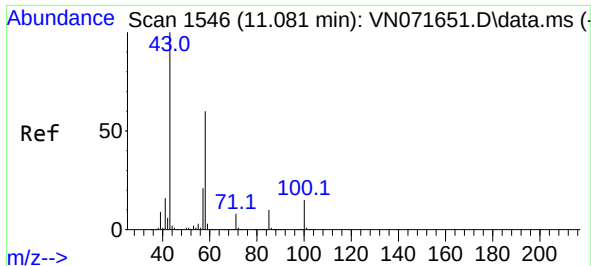
Tgt Ion: 63 Resp: 165570

Ion Ratio Lower Upper

63 100

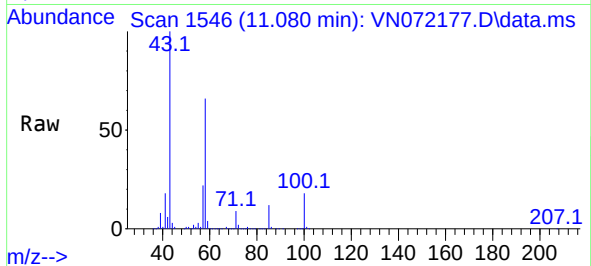
106 32.0 24.6 36.8





#59
2-Hexanone
Concen: 100.256 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

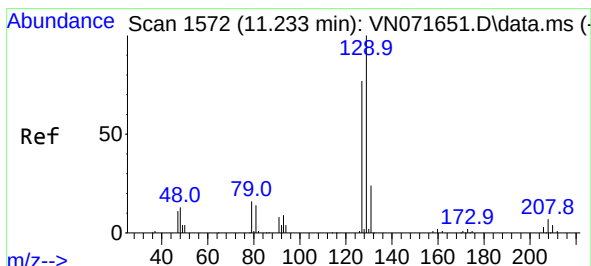
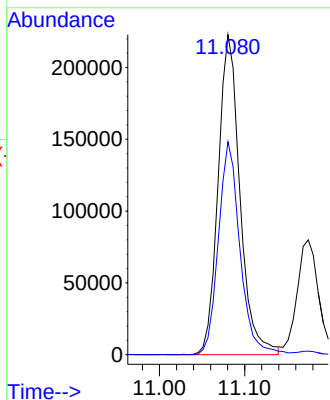
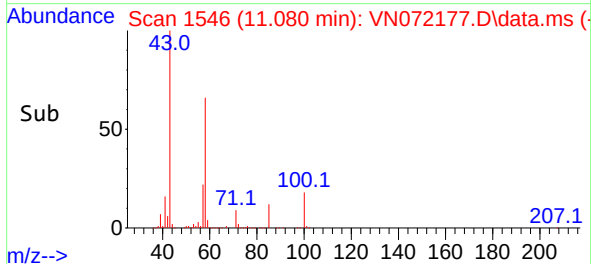
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 39714
Ion Ratio Lower Upper
43 100
58 65.6 29.7 89.1

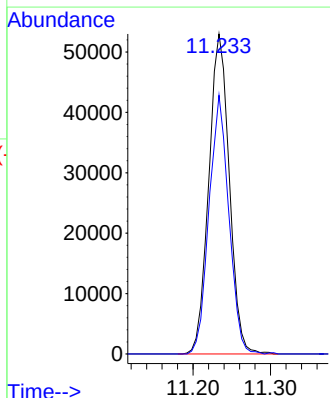
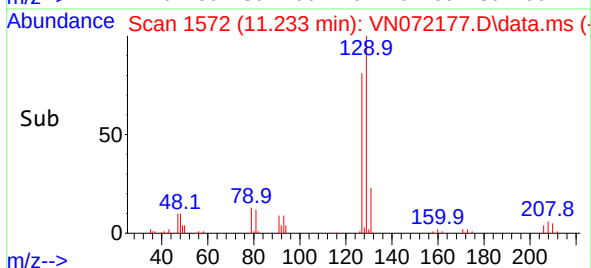
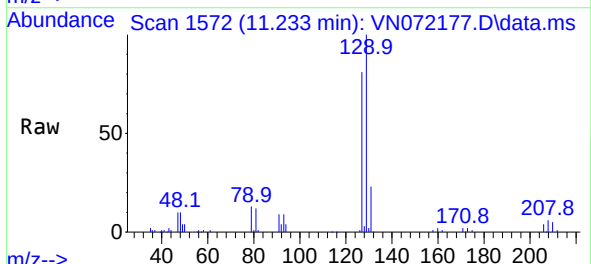
Manual Integrations
APPROVED

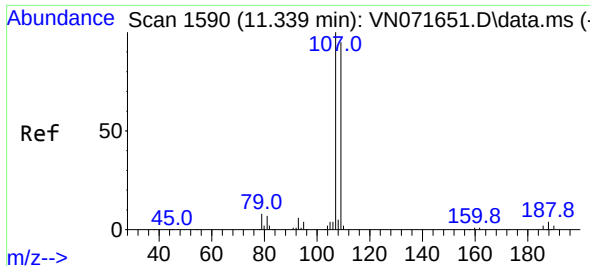
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#60
Dibromochloromethane
Concen: 22.614 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Tgt Ion:129 Resp: 97408
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





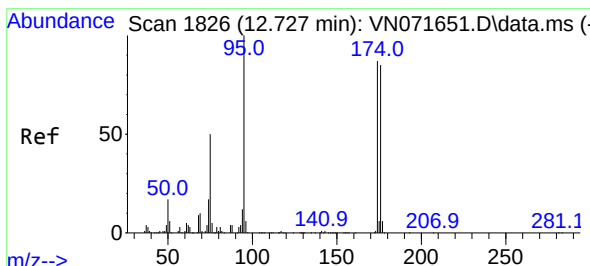
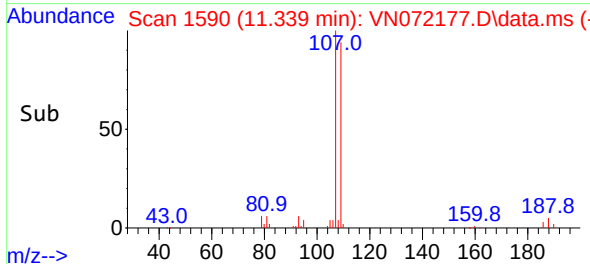
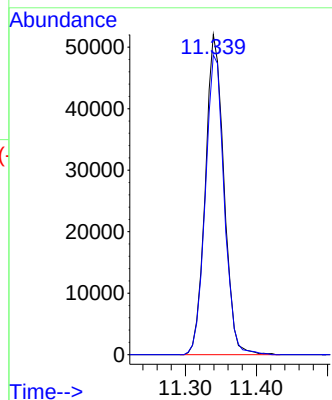
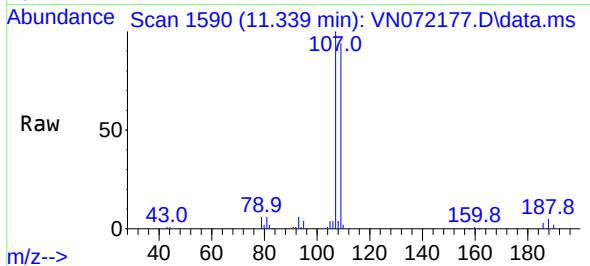
#61
1,2-Dibromoethane
Concen: 21.805 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:107 Resp: 94810
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6

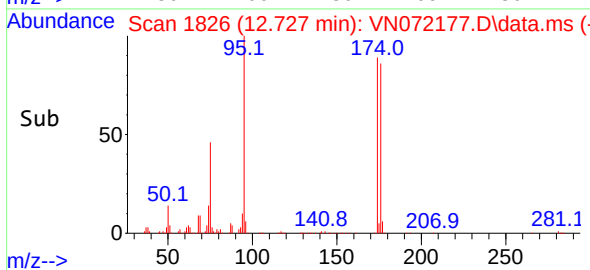
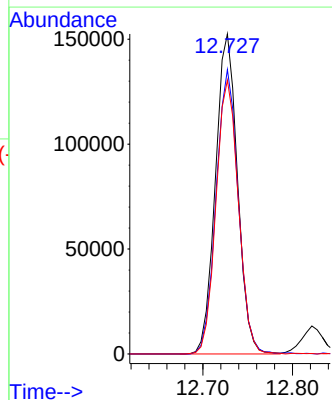
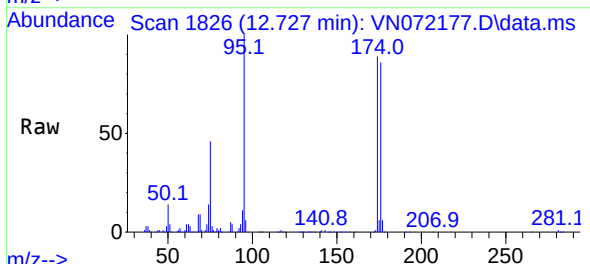
Manual Integrations
APPROVED

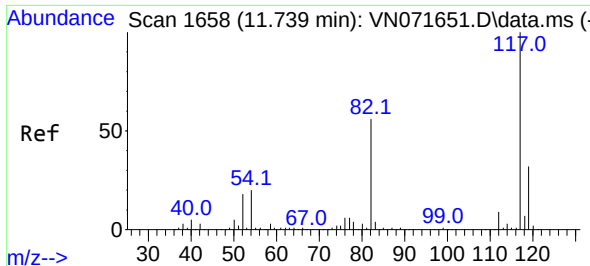
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#62
4-Bromofluorobenzene
Concen: 51.119 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

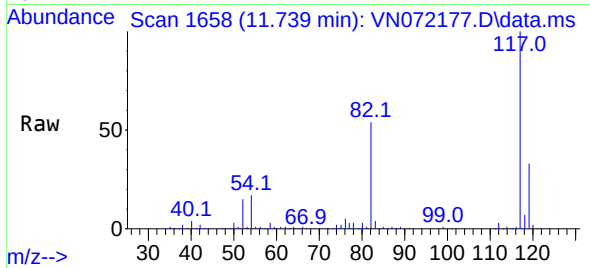
Tgt Ion: 95 Resp: 260326
Ion Ratio Lower Upper
95 100
174 89.2 0.0 167.6
176 86.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

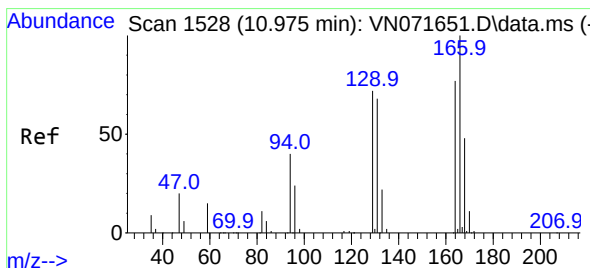
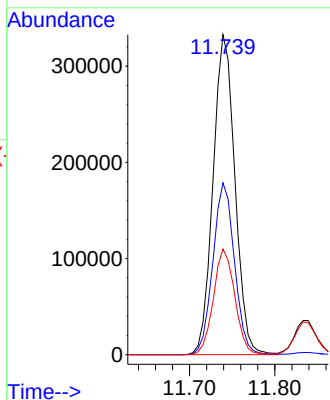
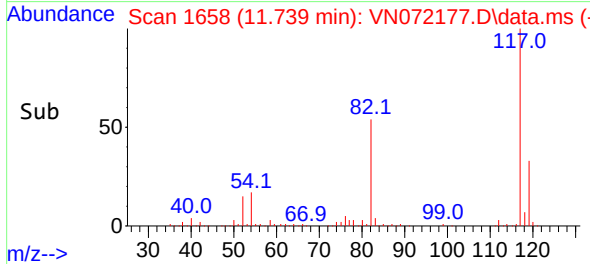
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



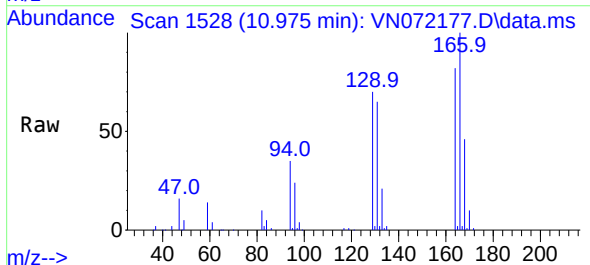
Tgt Ion:117 Resp: 59321
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 33.1 25.4 38.0

Manual Integrations
APPROVED

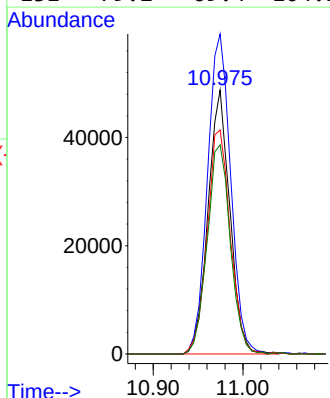
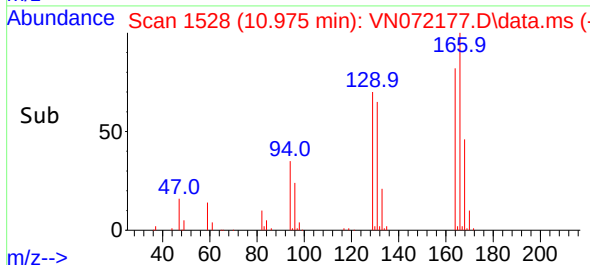
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

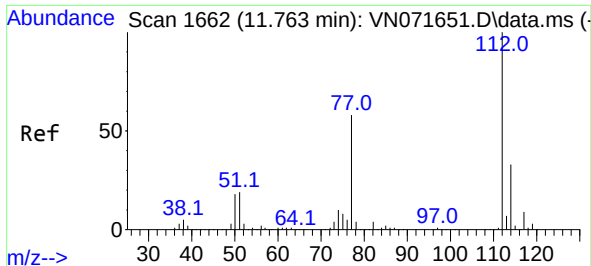


#64
Tetrachloroethene
Concen: 21.031 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



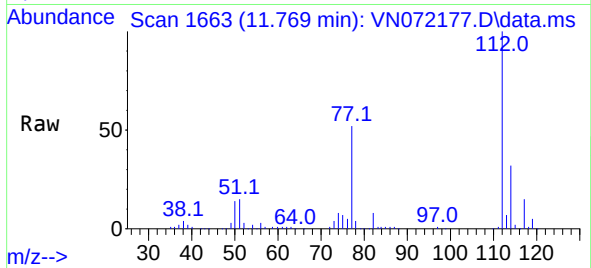
Tgt Ion:164 Resp: 82385
Ion Ratio Lower Upper
164 100
166 121.2 104.2 156.2
129 84.8 73.9 110.9
131 79.2 69.4 104.2





#65
Chlorobenzene
Concen: 20.868 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

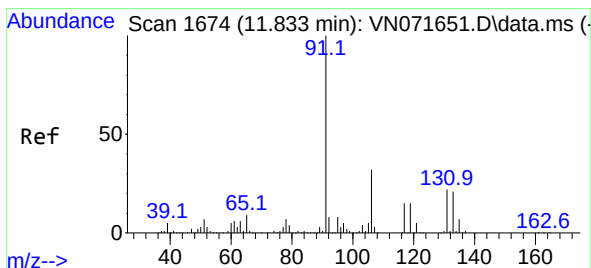
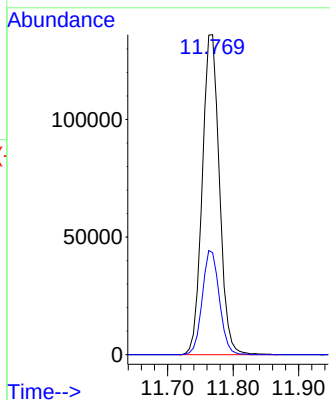
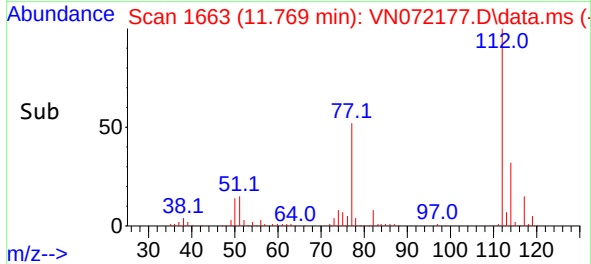
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



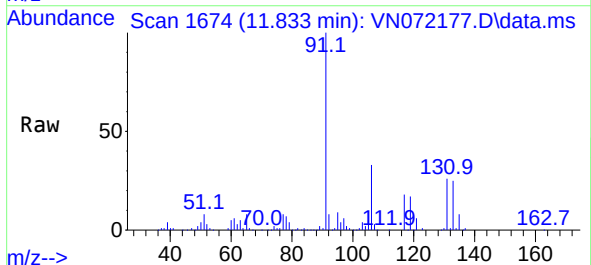
Tgt Ion:112 Resp: 247884
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

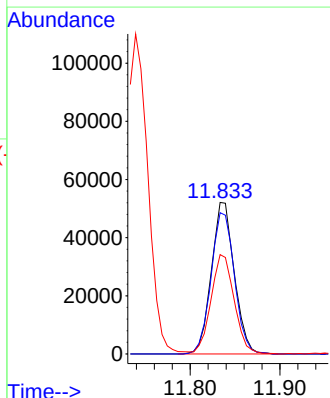
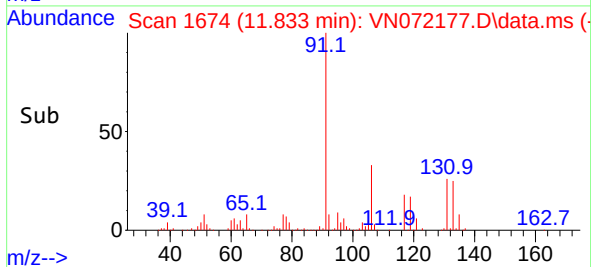
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

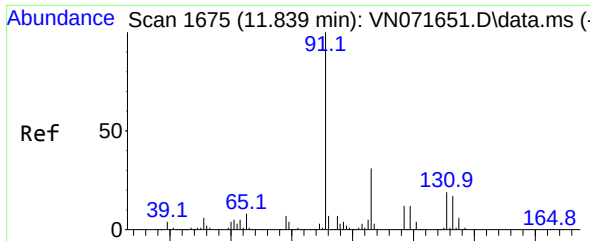


#66
1,1,1,2-Tetrachloroethane
Concen: 21.563 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



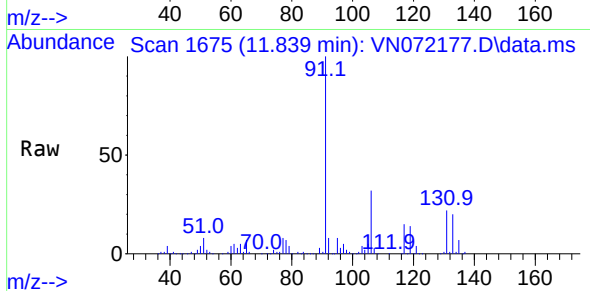
Tgt Ion:131 Resp: 92425
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 66.4 33.4 100.2





#67
Ethyl Benzene
Concen: 20.299 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

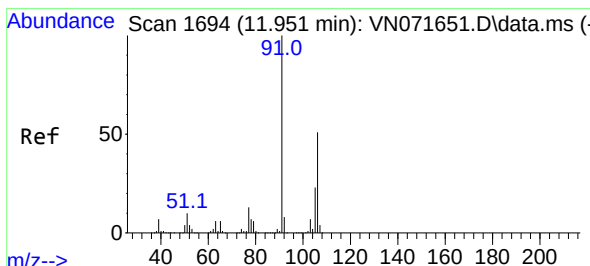
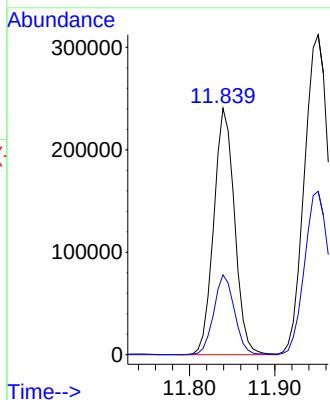
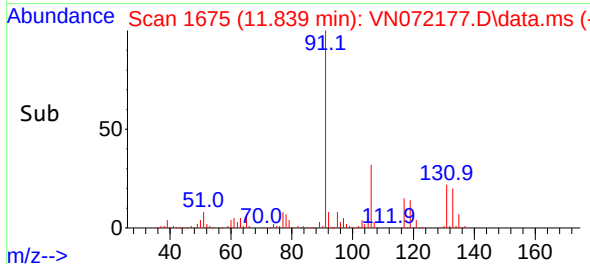
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



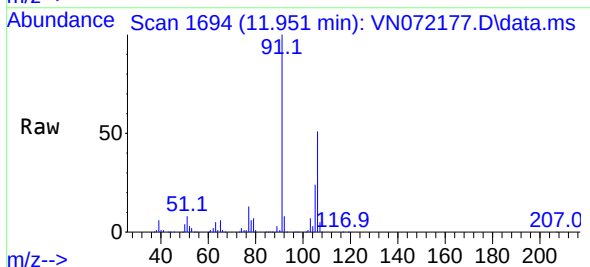
Tgt Ion: 91 Resp: 40818
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

Manual Integrations
APPROVED

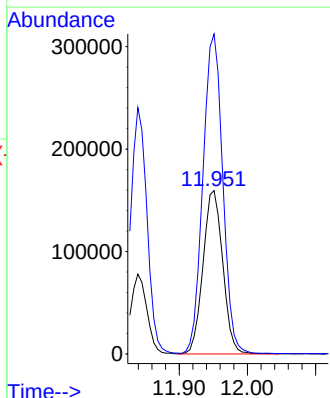
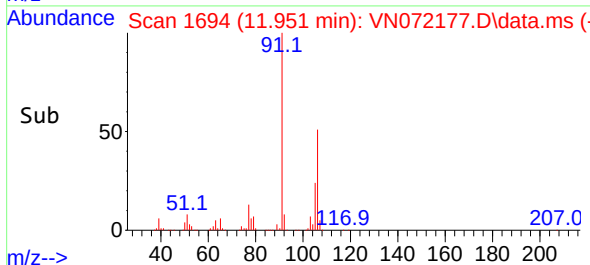
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

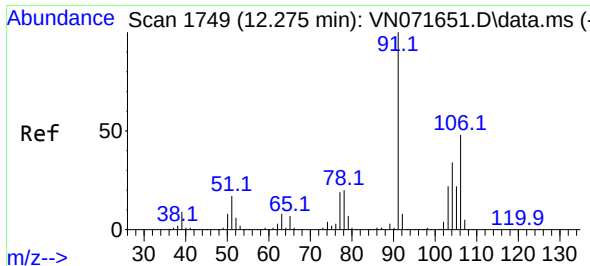


#68
m/p-Xylenes
Concen: 41.585 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



Tgt Ion:106 Resp: 321294
Ion Ratio Lower Upper
106 100
91 196.5 158.9 238.3





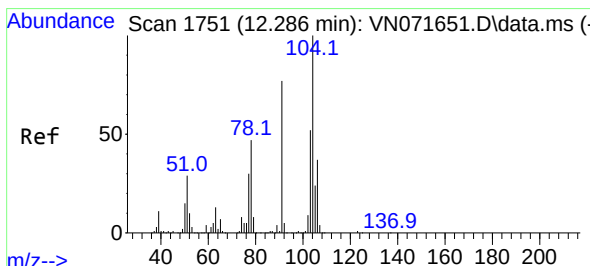
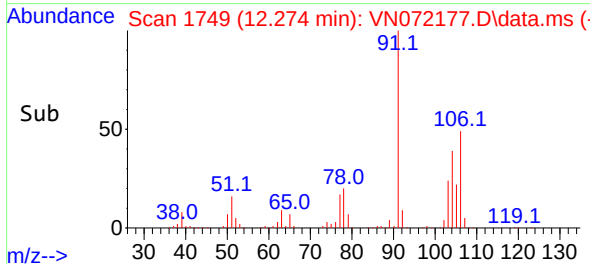
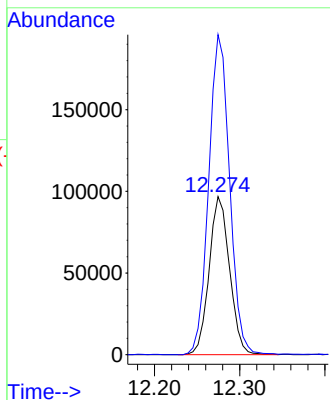
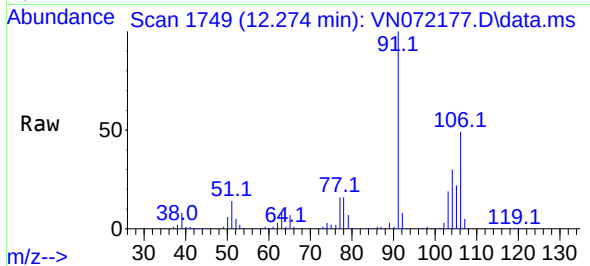
#69
o-Xylene
Concen: 21.038 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:106 Resp: 16133
Ion Ratio Lower Upper
106 100
91 207.3 106.0 318.0

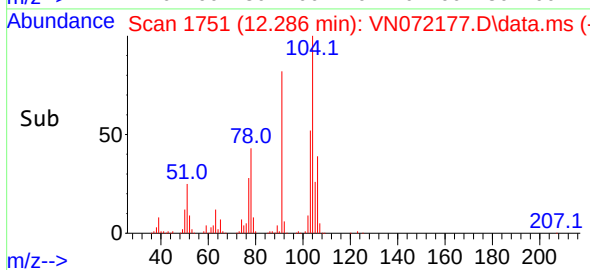
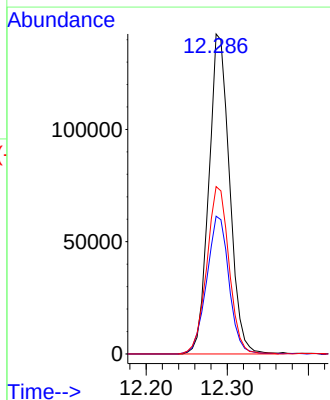
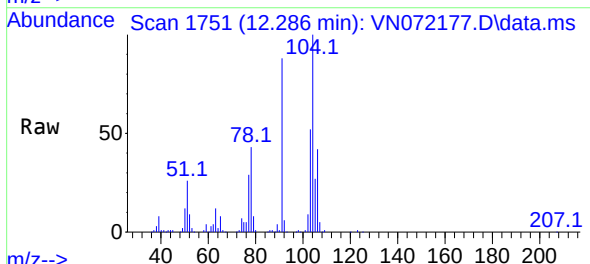
Manual Integrations
APPROVED

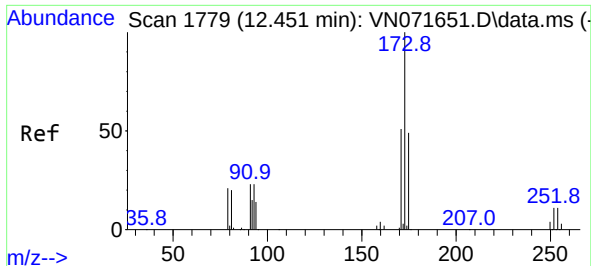
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#70
Styrene
Concen: 21.787 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

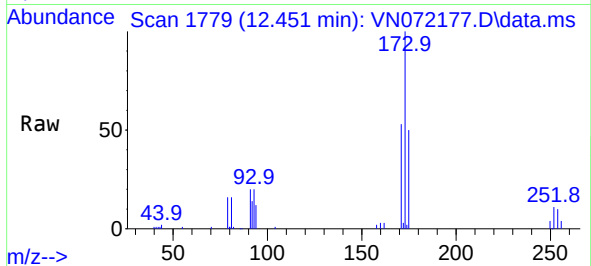
Tgt Ion:104 Resp: 253147
Ion Ratio Lower Upper
104 100
78 46.3 39.5 59.3
103 56.1 44.0 66.0





#71
Bromoform
Concen: 23.439 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

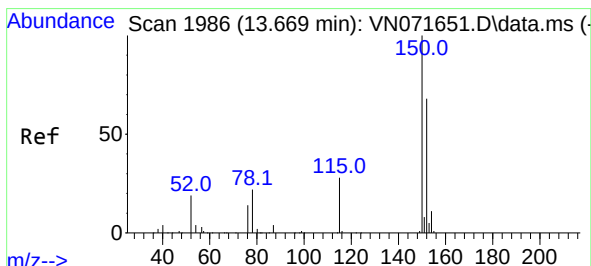
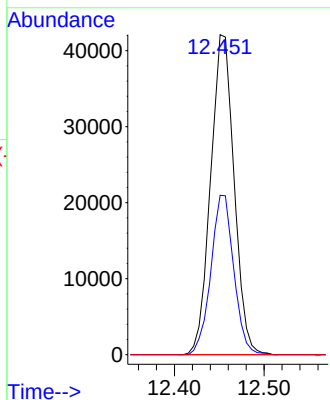
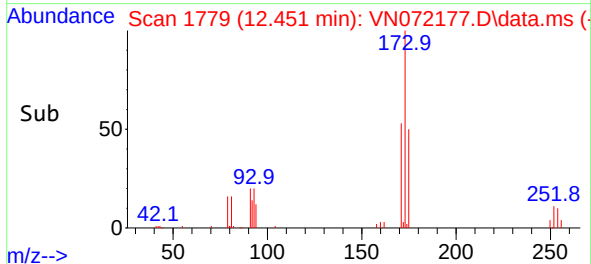
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



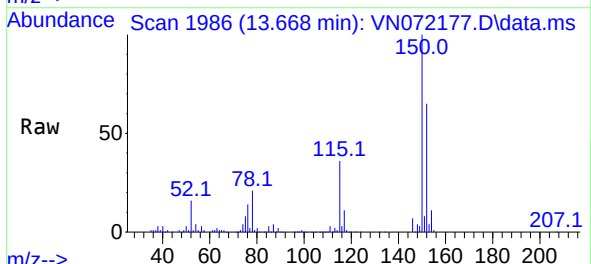
Tgt Ion:173 Resp: 76507
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

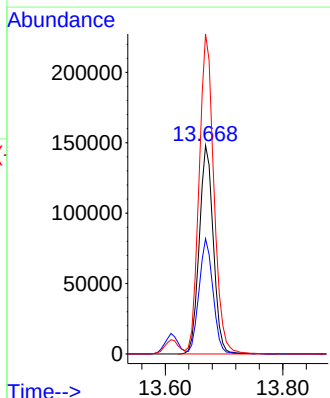
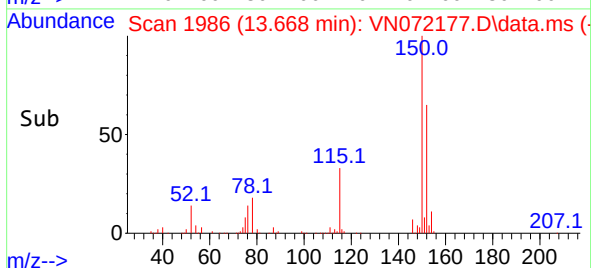
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

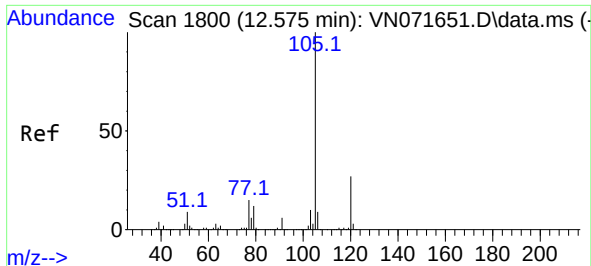


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



Tgt Ion:152 Resp: 246577
Ion Ratio Lower Upper
152 100
115 54.9 28.9 86.7
150 161.2 0.0 356.2





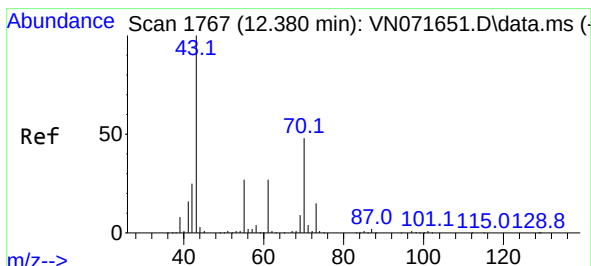
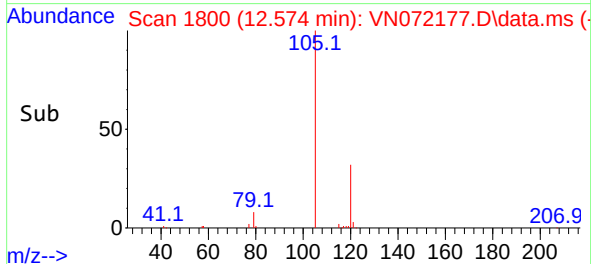
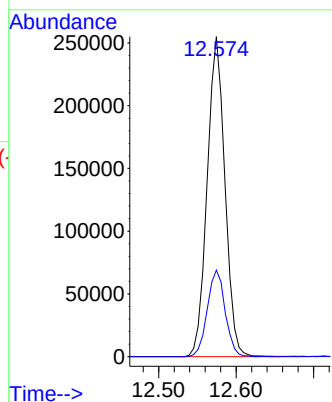
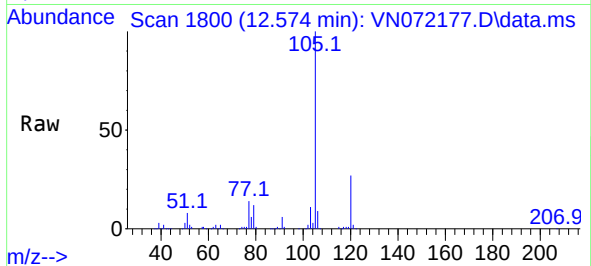
#73
Isopropylbenzene
Concen: 19.564 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:105 Resp: 406508
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

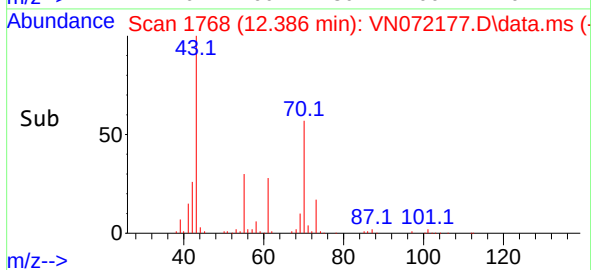
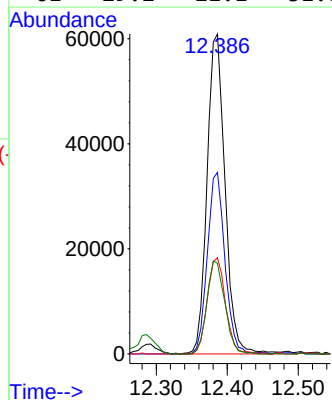
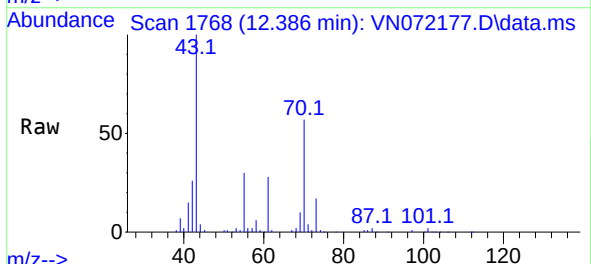
Manual Integrations
APPROVED

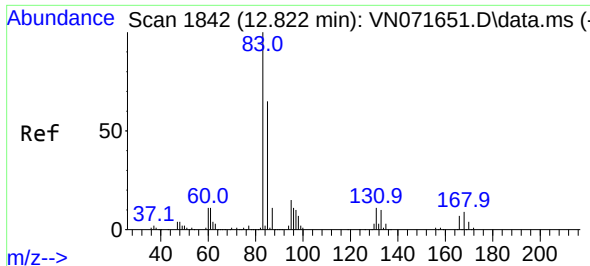
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#74
N-ethyl acetate
Concen: 18.018 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

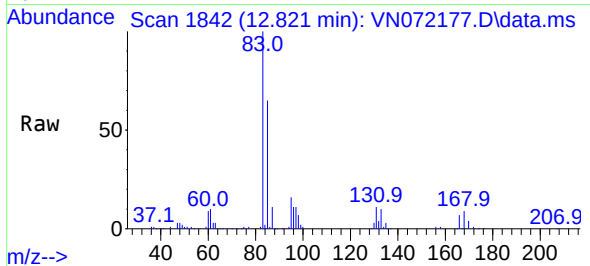
Tgt Ion: 43 Resp: 107271
Ion Ratio Lower Upper
43 100
70 55.3 39.0 58.4
55 30.5 21.1 31.7
61 29.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.978 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

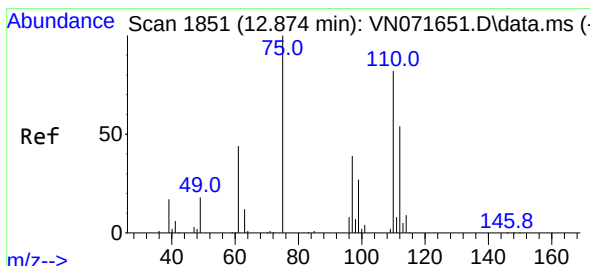
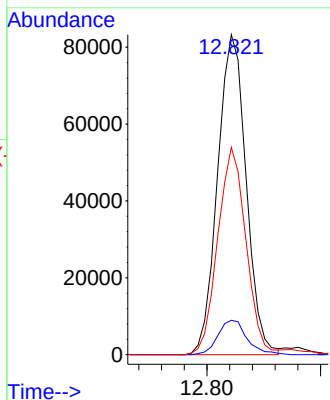
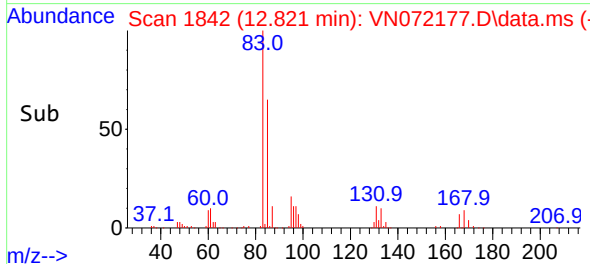
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



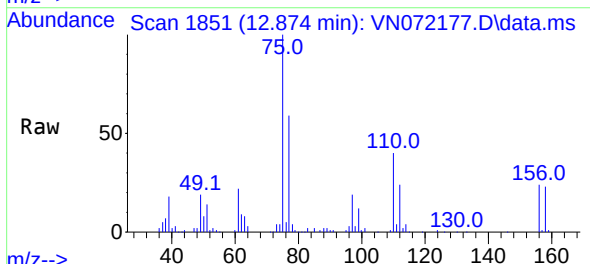
Tgt Ion: 83 Resp: 145430
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.9
85 64.0 32.3 96.9

Manual Integrations
APPROVED

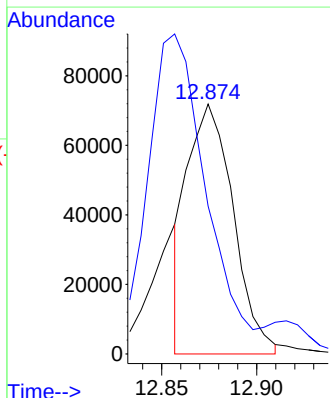
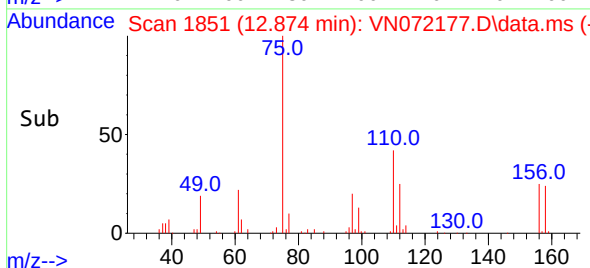
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

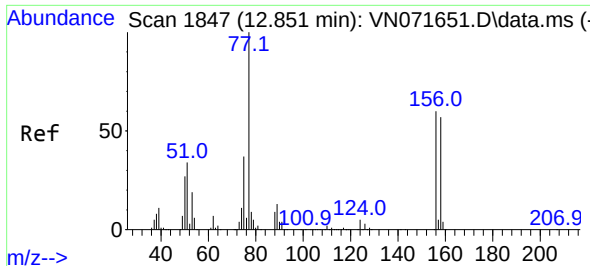


#76
1,2,3-Trichloropropane
Concen: 21.122 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



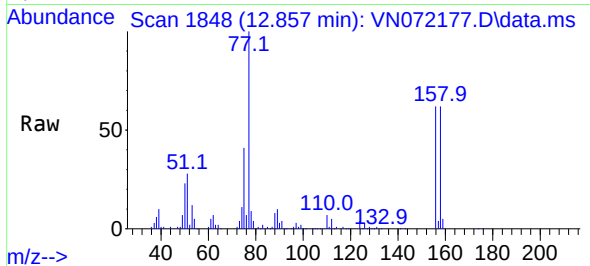
Tgt Ion: 75 Resp: 120654
Ion Ratio Lower Upper
75 100
77 162.1 98.5 295.5





#77
Bromobenzene
Concen: 20.092 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

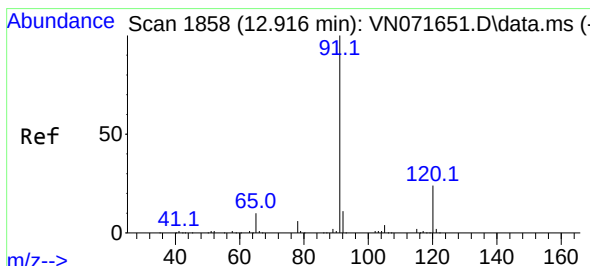
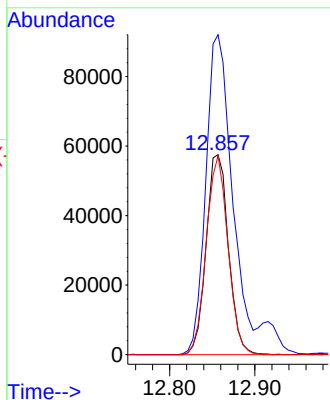
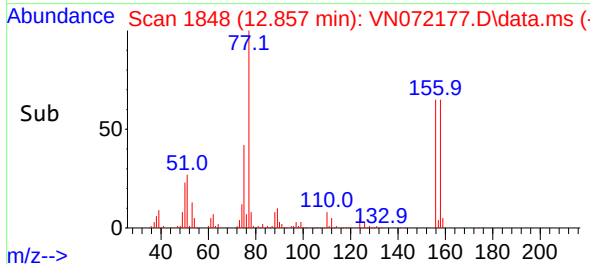
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion:156 Resp: 104658
Ion Ratio Lower Upper
156 100
77 186.9 100.5 301.5
158 96.9 48.9 146.6

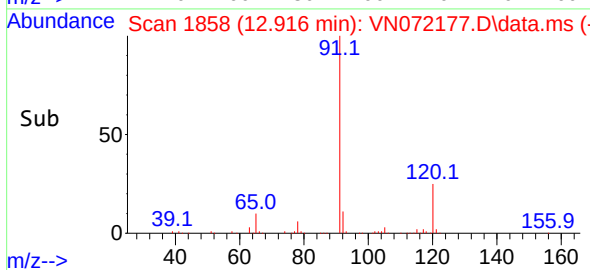
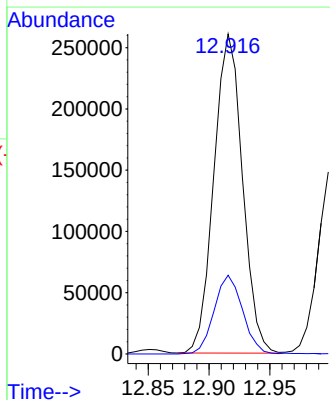
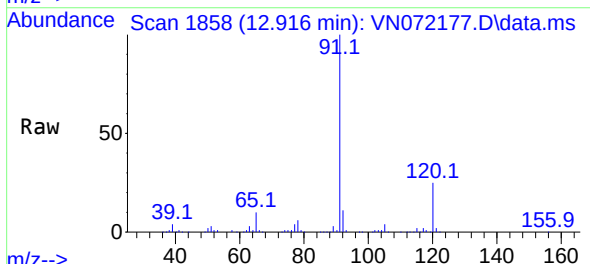
Manual Integrations
APPROVED

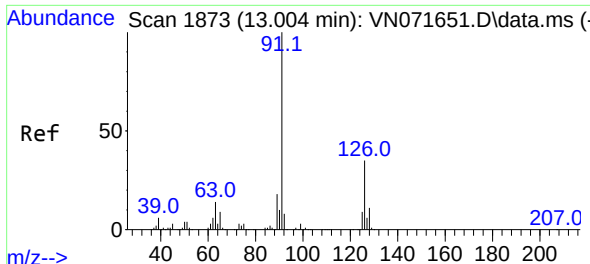
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#78
n-propylbenzene
Concen: 19.448 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

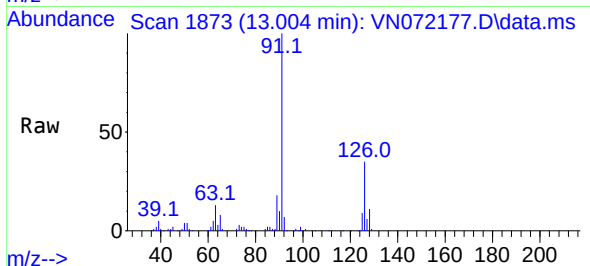
Tgt Ion: 91 Resp: 425084
Ion Ratio Lower Upper
91 100
120 24.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 19.378 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

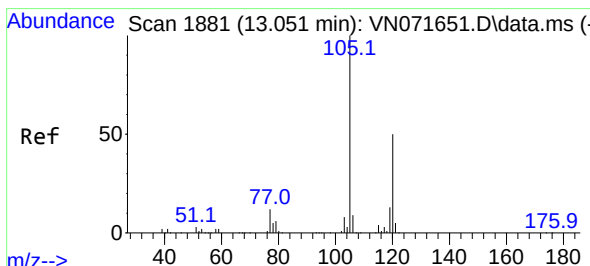
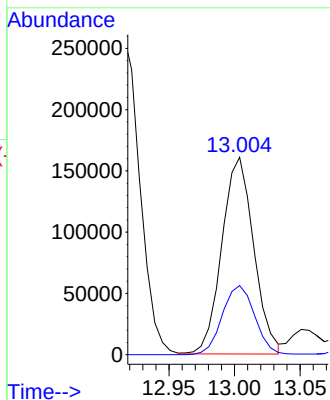
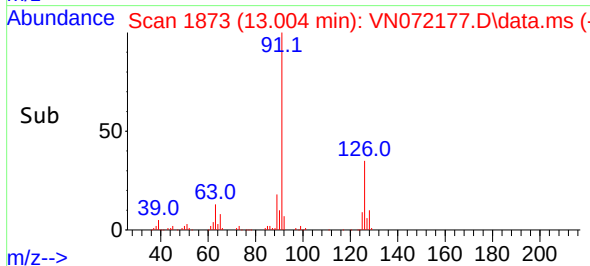
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



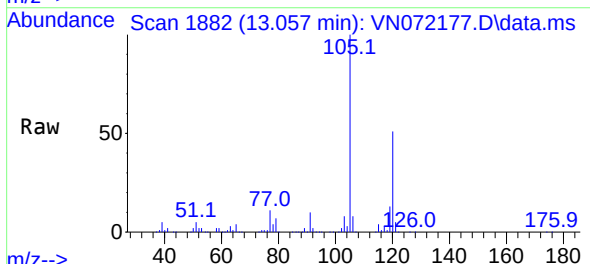
Tgt Ion: 91 Resp: 271629
Ion Ratio Lower Upper
91 100
126 35.9 17.3 51.9

Manual Integrations
APPROVED

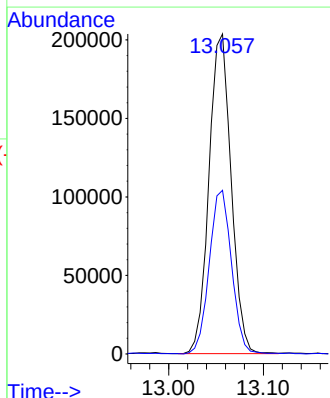
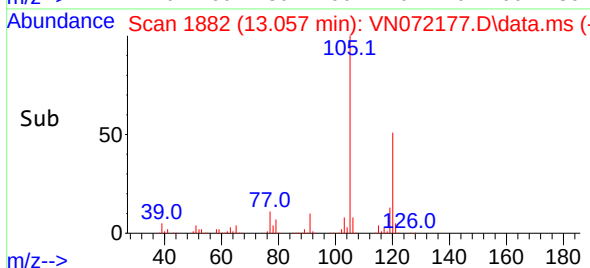
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

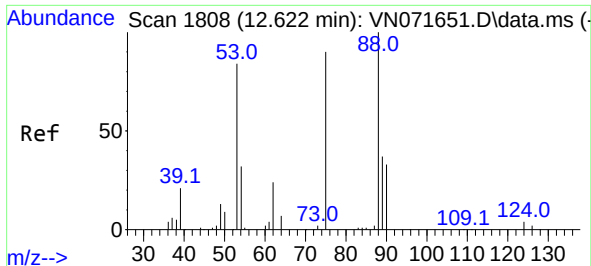


#80
1,3,5-Trimethylbenzene
Concen: 20.108 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



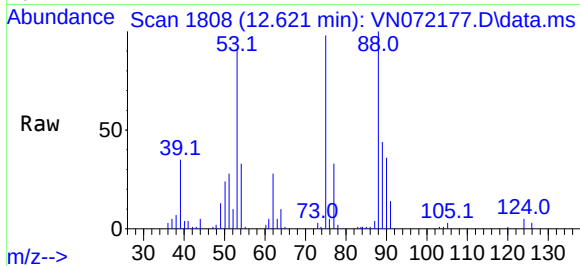
Tgt Ion:105 Resp: 331043
Ion Ratio Lower Upper
105 100
120 51.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.040 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

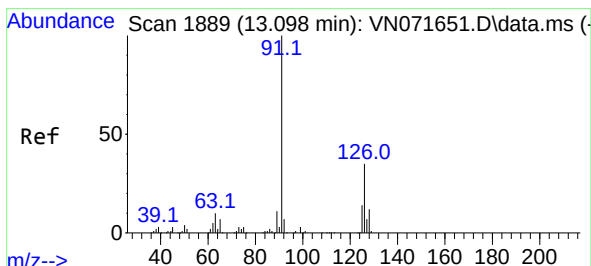
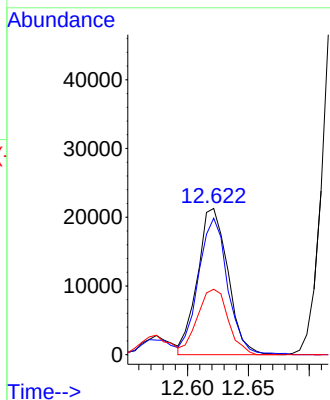
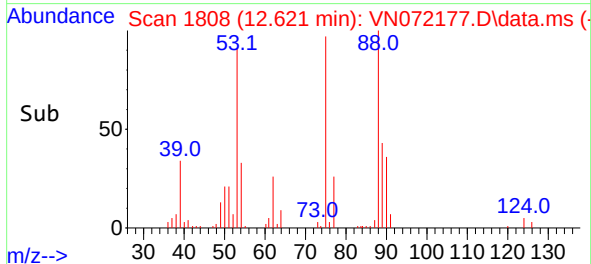
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



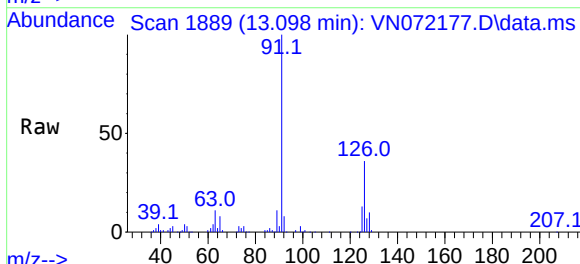
Tgt Ion: 75 Resp: 36938
Ion Ratio Lower Upper
75 100
53 90.0 78.0 117.0
89 45.4 37.2 55.8

Manual Integrations
APPROVED

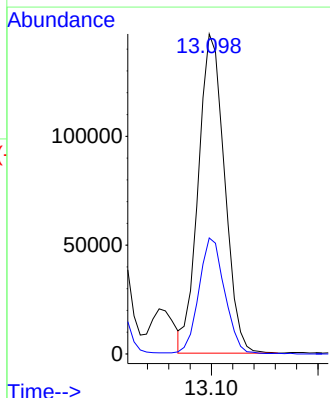
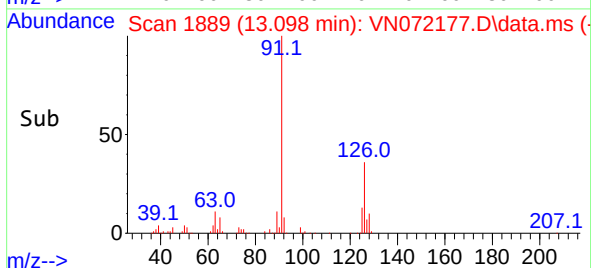
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

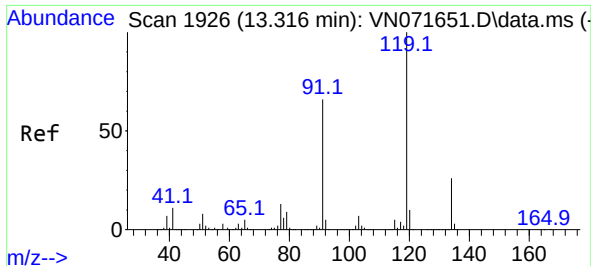


#82
4-Chlorotoluene
Concen: 19.306 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



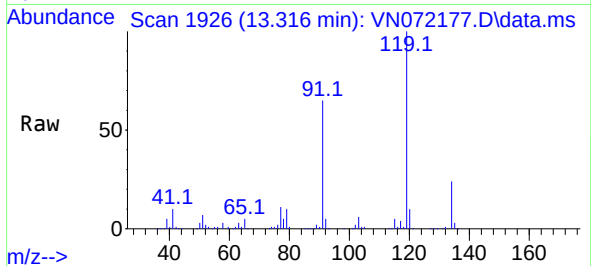
Tgt Ion: 91 Resp: 250836
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.023 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

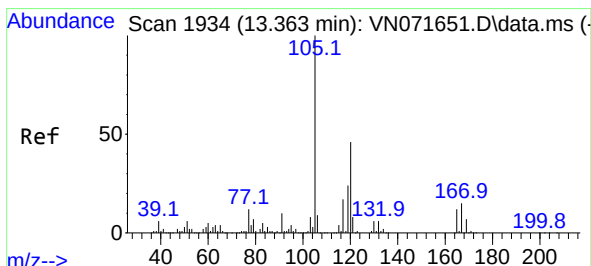
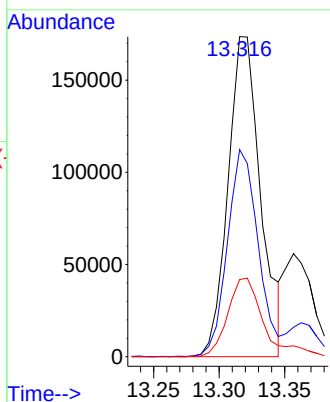
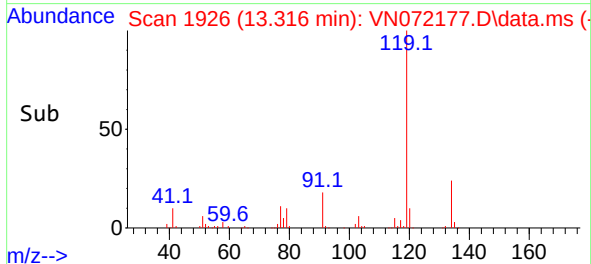
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



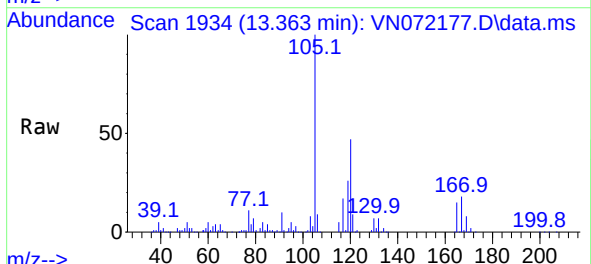
Tgt Ion:119 Resp: 301324
Ion Ratio Lower Upper
119 100
91 60.8 31.6 94.8
134 27.1 13.7 41.1

Manual Integrations
APPROVED

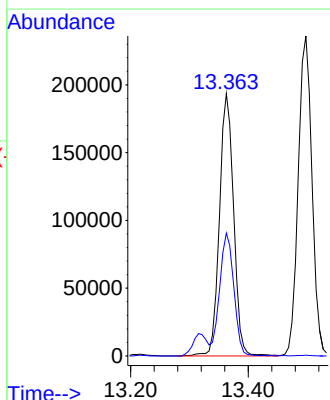
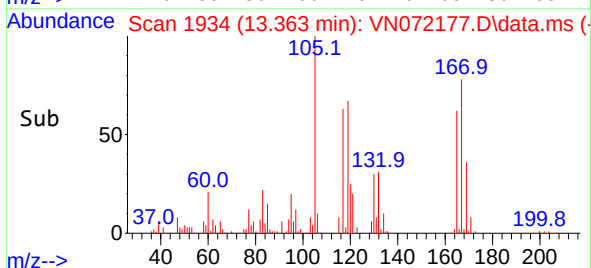
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

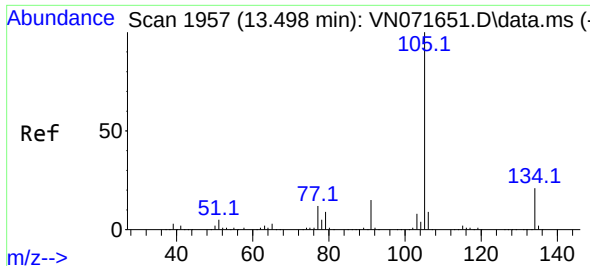


#84
1,2,4-Trimethylbenzene
Concen: 20.154 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



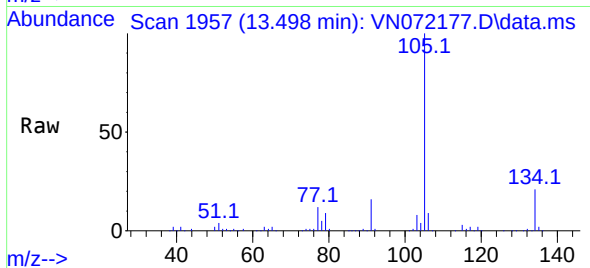
Tgt Ion:105 Resp: 323732
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.736 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072177.D
 Acq: 25 Apr 2022 14:15

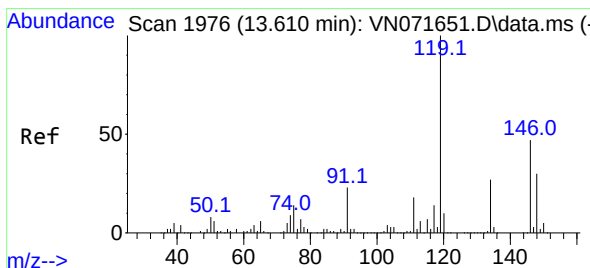
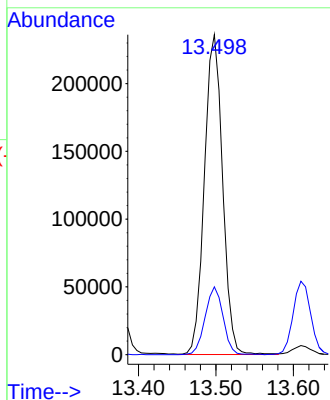
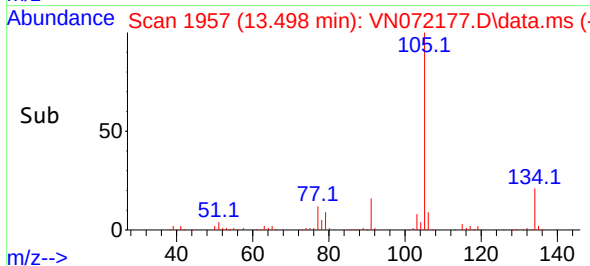
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01



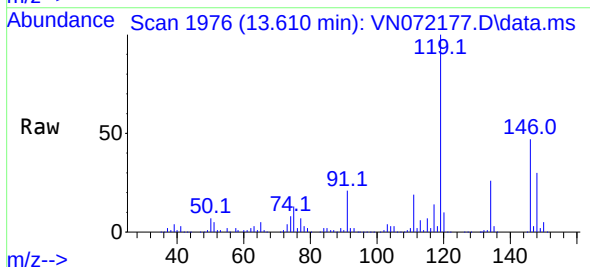
Tgt Ion:105 Resp: 385000
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations
 APPROVED

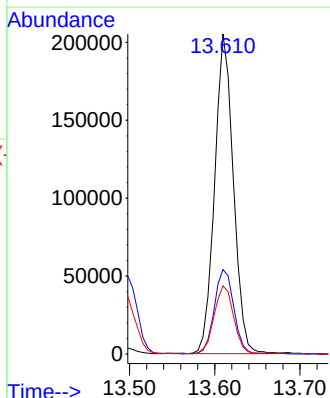
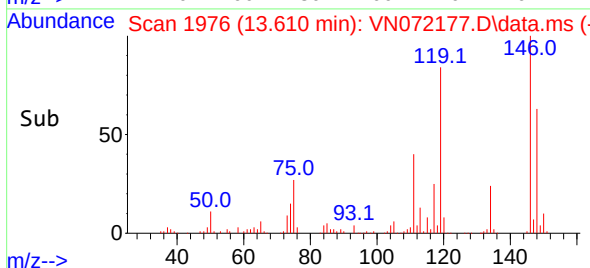
Reviewed By :John Carlone 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

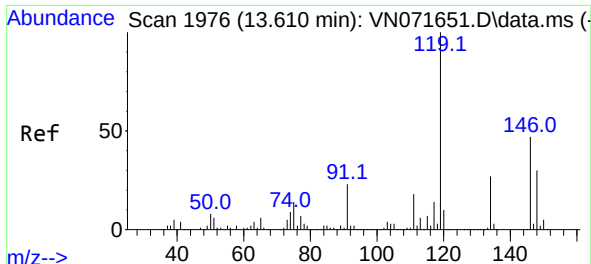


#86
 p-Isopropyltoluene
 Concen: 20.115 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072177.D
 Acq: 25 Apr 2022 14:15



Tgt Ion:119 Resp: 312881
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.8
 91 22.0 11.3 33.9





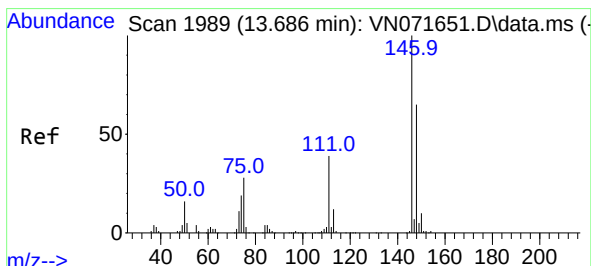
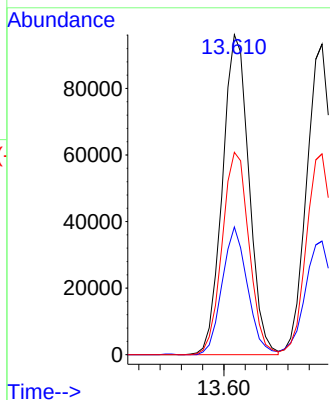
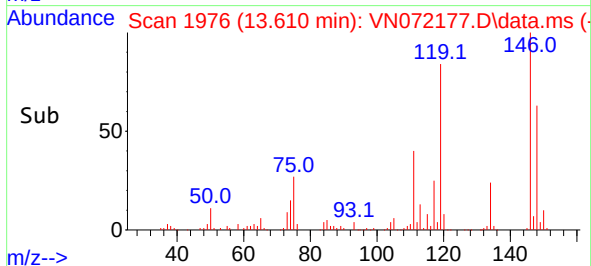
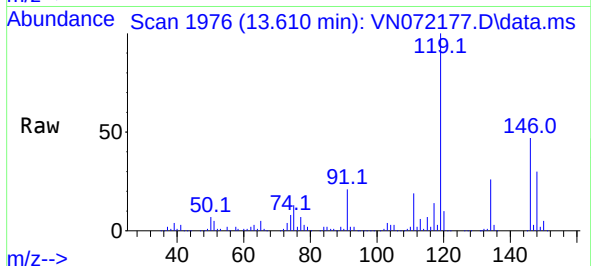
#87
1,3-Dichlorobenzene
Concen: 19.978 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:146 Resp: 16578
Ion Ratio Lower Upper
146 100
111 38.2 20.0 60.0
148 64.2 32.0 96.0

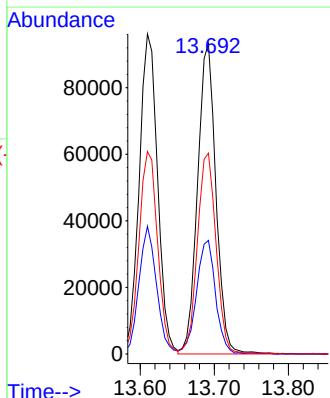
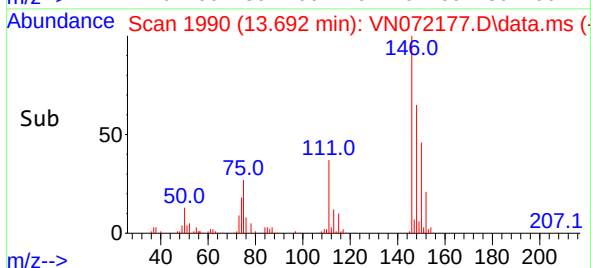
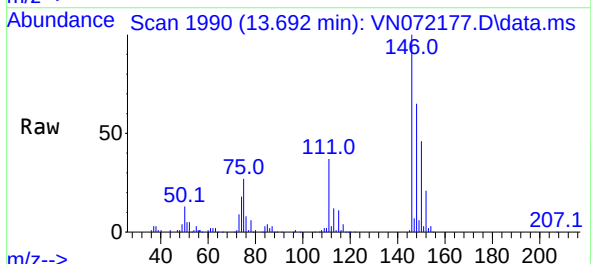
Manual Integrations
APPROVED

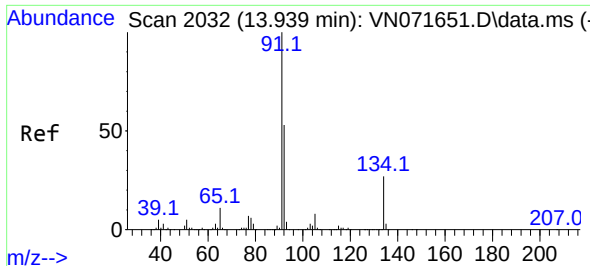
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#88
1,4-Dichlorobenzene
Concen: 19.840 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

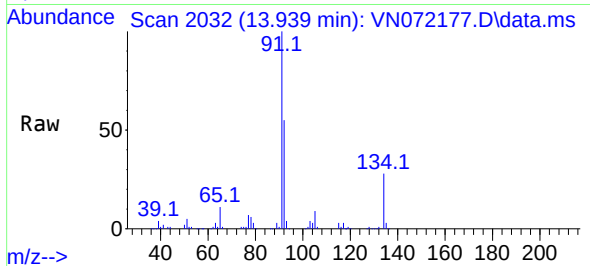
Tgt Ion:146 Resp: 160618
Ion Ratio Lower Upper
146 100
111 37.6 19.1 57.1
148 66.1 31.4 94.3





#89
n-Butylbenzene
Concen: 18.210 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

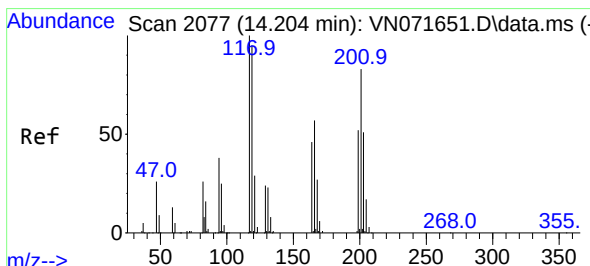
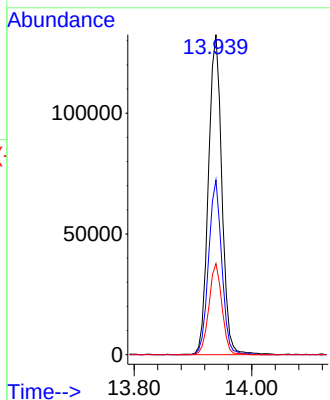
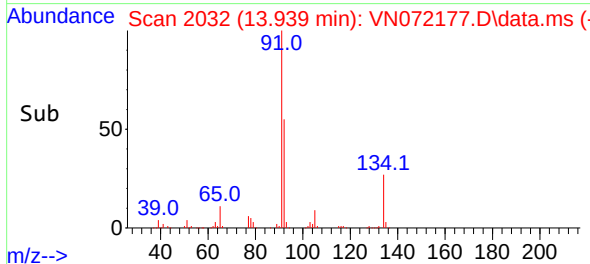
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 91 Resp: 210084
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 27.6 13.6 40.8

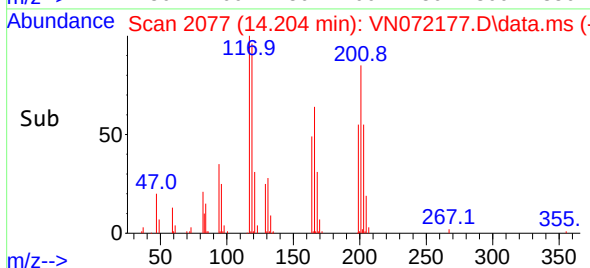
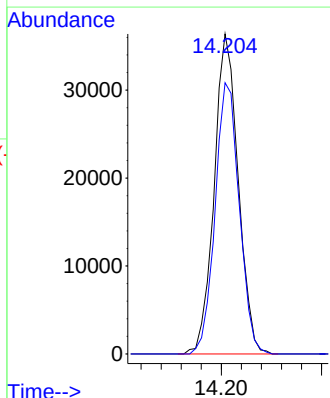
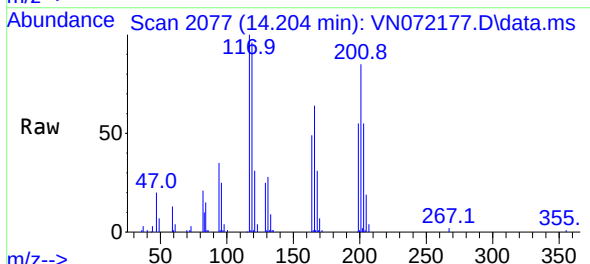
Manual Integrations
APPROVED

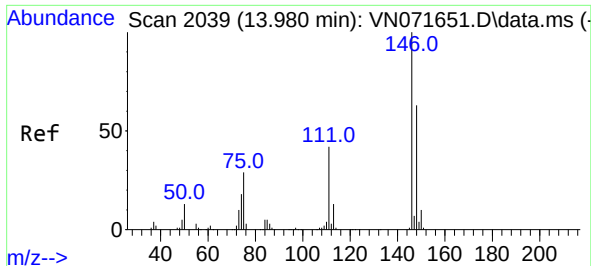
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#90
Hexachloroethane
Concen: 21.190 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Tgt Ion:117 Resp: 60336
Ion Ratio Lower Upper
117 100
201 85.2 40.6 122.0





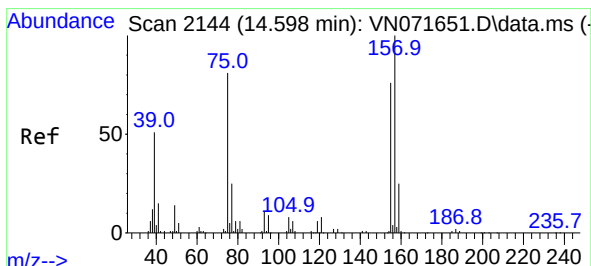
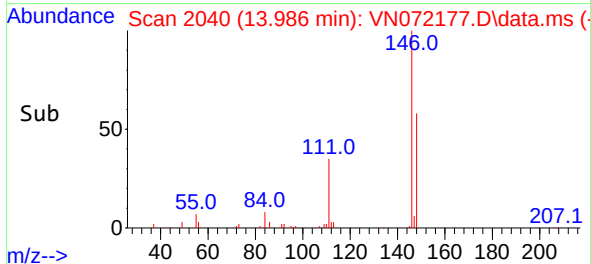
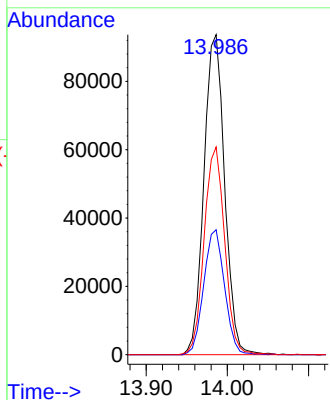
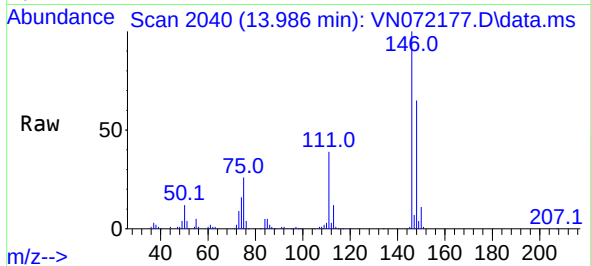
#91
1,2-Dichlorobenzene
Concen: 20.385 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:146 Resp: 166072
Ion Ratio Lower Upper
146 100
111 39.2 20.9 62.8
148 64.4 32.1 96.3

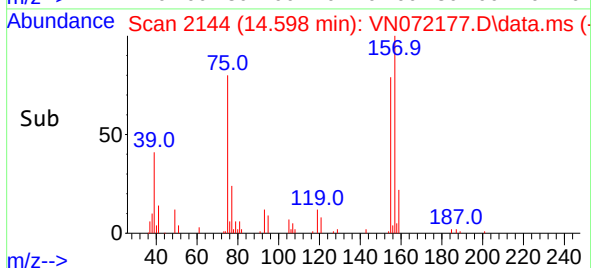
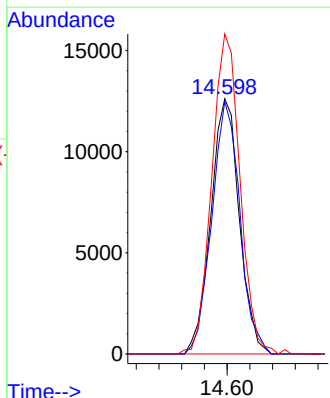
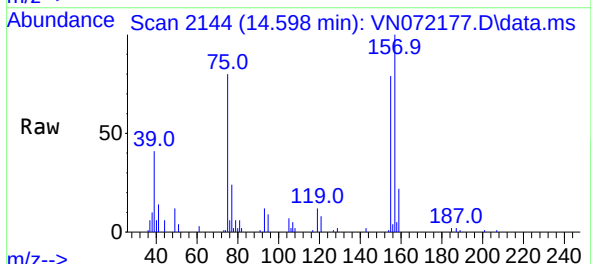
Manual Integrations
APPROVED

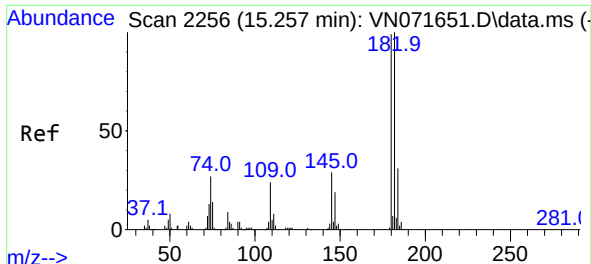
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.501 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

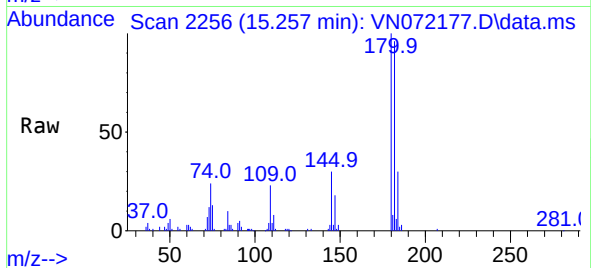
Tgt Ion: 75 Resp: 22046
Ion Ratio Lower Upper
75 100
155 97.2 44.9 134.5
157 124.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 19.640 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

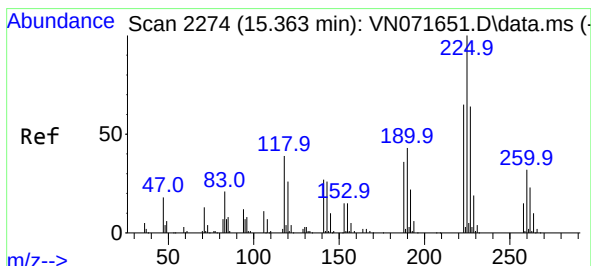
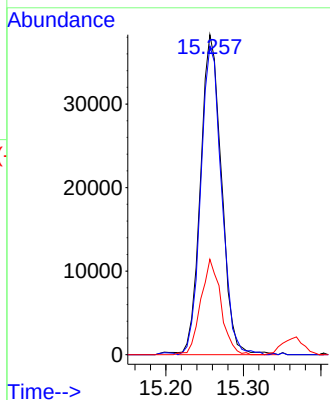
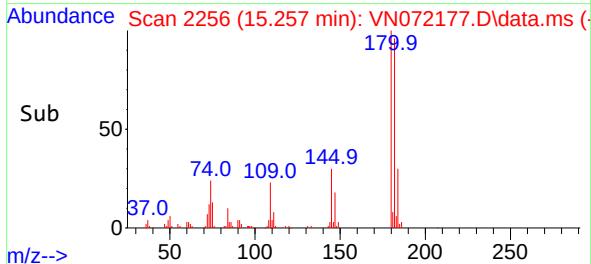
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



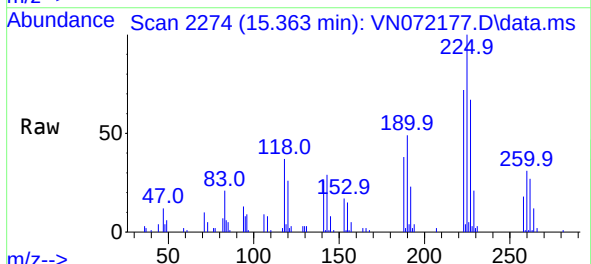
Tgt Ion:180 Resp: 7188
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 28.6 14.5 43.5

Manual Integrations
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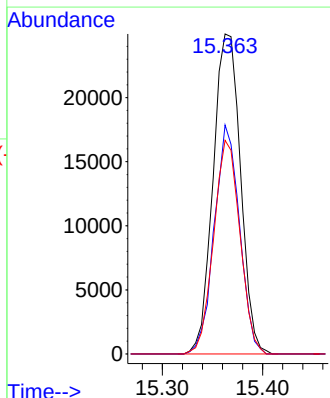
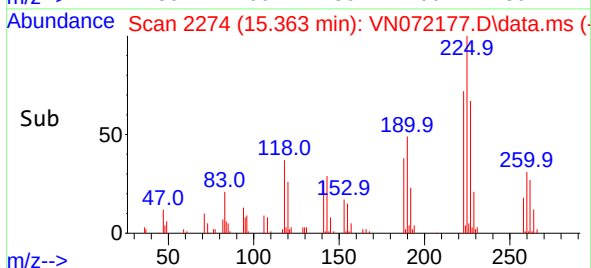
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

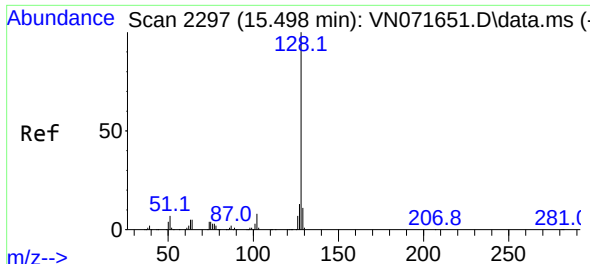


#94
Hexachlorobutadiene
Concen: 19.676 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15



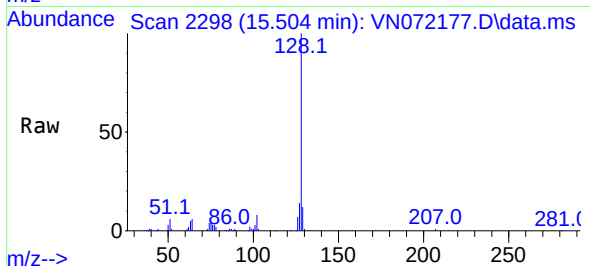
Tgt Ion:225 Resp: 47276
Ion Ratio Lower Upper
225 100
223 65.8 32.4 97.2
227 64.0 31.8 95.4





#95
Naphthalene
Concen: 20.057 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

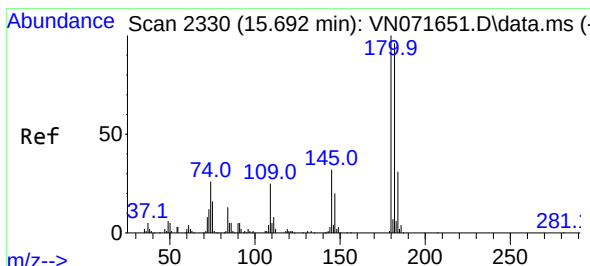
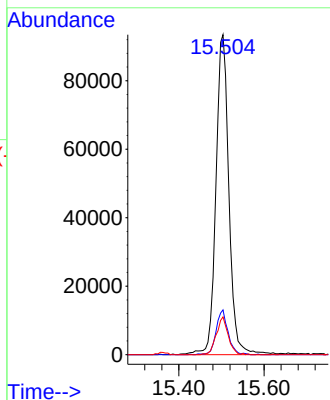
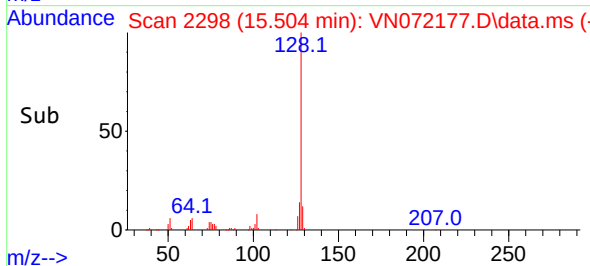
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion:128 Resp: 19753
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.357 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072177.D
Acq: 25 Apr 2022 14:15

Tgt Ion:180 Resp: 75662
Ion Ratio Lower Upper
180 100
182 91.6 47.8 143.3
145 29.8 15.5 46.5

