

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072470.D
 Acq On : 13 May 2022 11:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 13 14:38:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	173101	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	264695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	258067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	121109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	137014	51.677	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.360%			
35) Dibromofluoromethane	8.016	113	92543	52.551	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.100%			
50) Toluene-d8	10.439	98	344208	51.322	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.727	95	130851	58.747	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	99651	46.159	ug/l	99
3) Chloromethane	2.298	50	90038	44.414	ug/l	98
4) Vinyl Chloride	2.440	62	78494	42.701	ug/l	98
5) Bromomethane	2.816	94	64844	59.249	ug/l	96
6) Chloroethane	2.987	64	48738	50.628	ug/l	97
7) Trichlorofluoromethane	3.363	101	173558	50.942	ug/l	100
8) Diethyl Ether	3.822	74	60611	49.313	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	88401	47.552	ug/l	99
10) Methyl Iodide	4.416	142	122002	49.506	ug/l	# 86
11) Tert butyl alcohol	5.363	59	113115	260.918	ug/l	100
12) 1,1-Dichloroethene	4.181	96	76872	44.131	ug/l	90
13) Acrolein	4.034	56	97398	229.626	ug/l	94
14) Allyl chloride	4.834	41	147652	45.527	ug/l	92
15) Acrylonitrile	5.545	53	278385	236.311	ug/l	98
16) Acetone	4.281	43	253940	241.844	ug/l	94
17) Carbon Disulfide	4.522	76	190670	42.206	ug/l	99
18) Methyl Acetate	4.851	43	146337	47.335	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	350218	55.635	ug/l	100
20) Methylene Chloride	5.087	84	100415	46.641	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	86858	47.661	ug/l	88
22) Diisopropyl ether	6.492	45	318811	48.376	ug/l	98
23) Vinyl Acetate	6.428	43	1398016	253.525	ug/l	94
24) 1,1-Dichloroethane	6.381	63	180119	48.433	ug/l	97
25) 2-Butanone	7.328	43	385182	232.432	ug/l	95
26) 2,2-Dichloropropane	7.322	77	165395	52.923	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	108098	49.339	ug/l	92
28) Bromochloromethane	7.657	49	74669	47.287	ug/l	92
29) Tetrahydrofuran	7.680	42	250656	232.731	ug/l	93
30) Chloroform	7.816	83	200270	52.933	ug/l	99
31) Cyclohexane	8.092	56	143948	40.974	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	181364	52.263	ug/l	99
36) 1,1-Dichloropropene	8.216	75	129334	51.134	ug/l	97
37) Ethyl Acetate	7.404	43	154672	50.969	ug/l	97
38) Carbon Tetrachloride	8.204	117	159874	56.477	ug/l	96
39) Methylcyclohexane	9.457	83	154075	54.202	ug/l	95
40) Benzene	8.457	78	385978	51.083	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	88375	58.814	ug/l #	85
42) 1,2-Dichloroethane	8.527	62	179350	59.056	ug/l	95
43) Isopropyl Acetate	8.557	43	249986	53.631	ug/l	97
44) Trichloroethene	9.216	130	100548	52.420	ug/l	94
45) 1,2-Dichloropropane	9.486	63	99824	51.733	ug/l	97
46) Dibromomethane	9.574	93	76728	57.107	ug/l	94
47) Bromodichloromethane	9.757	83	162385	59.284	ug/l	97
48) Methyl methacrylate	9.551	41	117038	53.817	ug/l	89
49) 1,4-Dioxane	9.563	88	45605	1229.331	ug/l #	93
51) 4-Methyl-2-Pentanone	10.327	43	790681	273.179	ug/l	94
52) Toluene	10.504	92	251128	53.901	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	171157	61.388	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	176664	59.389	ug/l #	89
55) 1,1,2-Trichloroethane	10.892	97	106066	54.647	ug/l	98
56) Ethyl methacrylate	10.757	69	172882	62.149	ug/l #	87
57) 1,3-Dichloropropane	11.039	76	187151	56.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	237418	311.167	ug/l	99
59) 2-Hexanone	11.080	43	576837	284.228	ug/l	91
60) Dibromochloromethane	11.233	129	128355	62.254	ug/l	99
61) 1,2-Dibromoethane	11.339	107	112176	57.993	ug/l	98
64) Tetrachloroethene	10.974	164	91078	49.031	ug/l	95
65) Chlorobenzene	11.763	112	275225	52.200	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	115489	54.725	ug/l	97
67) Ethyl Benzene	11.839	91	501361	55.112	ug/l	98
68) m/p-Xylenes	11.951	106	384938	111.568	ug/l	92
69) o-Xylene	12.274	106	191906	56.610	ug/l	94
70) Styrene	12.292	104	314274	60.599	ug/l	96
71) Bromoform	12.457	173	93504	60.065	ug/l #	100
73) Isopropylbenzene	12.574	105	500127	49.849	ug/l	98
74) N-amyl acetate	12.386	43	176064	49.647	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	157802	43.324	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	150980m	47.797	ug/l	
77) Bromobenzene	12.857	156	120323	50.127	ug/l	96
78) n-propylbenzene	12.915	91	560953	52.250	ug/l	98
79) 2-Chlorotoluene	13.004	91	359263	50.938	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	431021	52.455	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	47816	50.499	ug/l	88
82) 4-Chlorotoluene	13.098	91	348211	52.096	ug/l	98
83) tert-Butylbenzene	13.315	119	377545	52.484	ug/l	95
84) 1,2,4-Trimethylbenzene	13.362	105	429412	53.721	ug/l	97
85) sec-Butylbenzene	13.498	105	501176	52.241	ug/l	99
86) p-Isopropyltoluene	13.610	119	422909	56.592	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	214628	51.846	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	206365	50.109	ug/l	97
89) n-Butylbenzene	13.939	91	321817	56.337	ug/l	97
90) Hexachloroethane	14.204	117	75779	50.745	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	210167	50.833	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	35492	56.036	ug/l	85
93) 1,2,4-Trichlorobenzene	15.256	180	98892	63.142	ug/l	97
94) Hexachlorobutadiene	15.368	225	54213	52.280	ug/l	99
95) Naphthalene	15.498	128	307899	52.990	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	102647	65.400	ug/l	98

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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

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

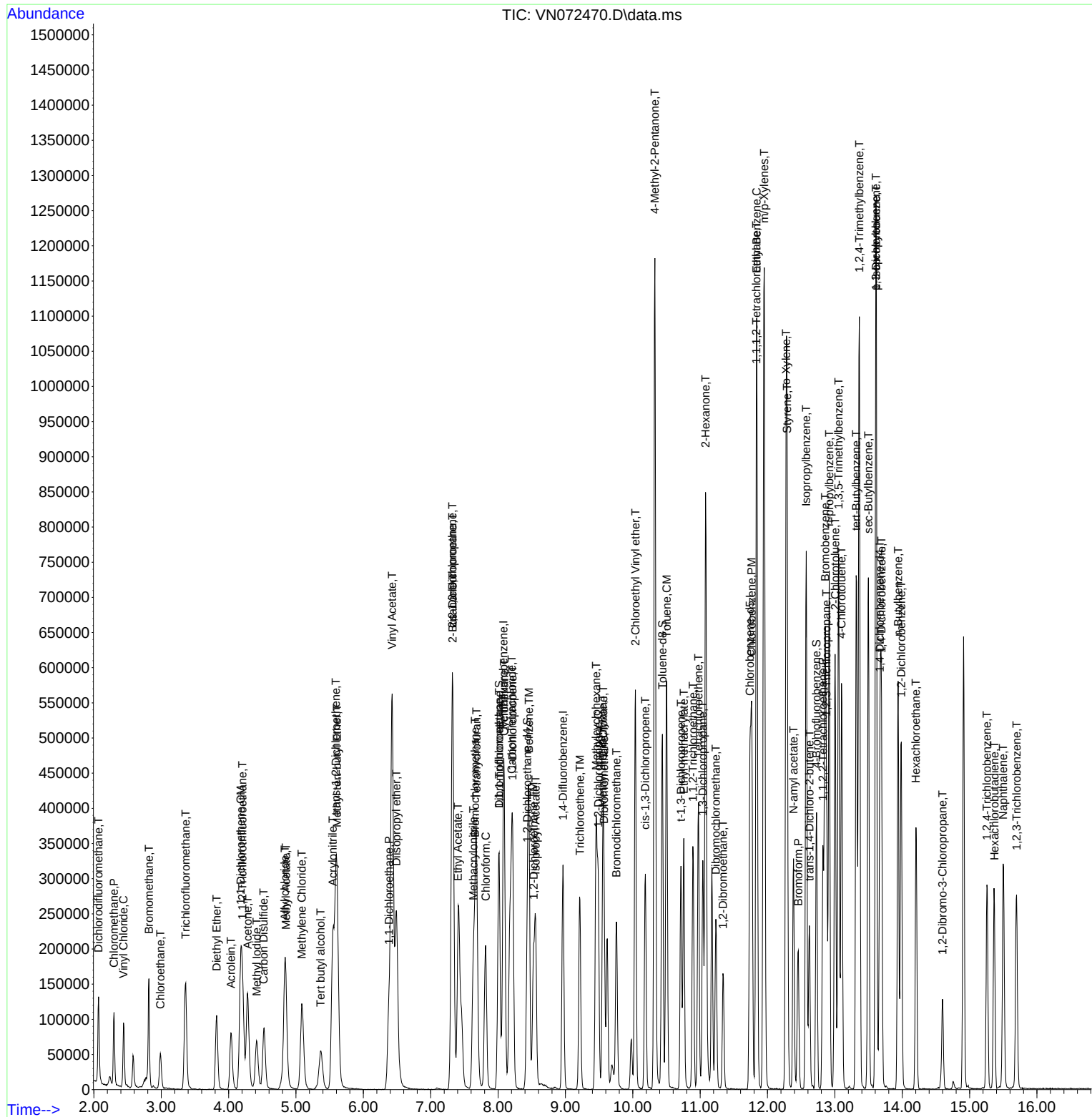
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
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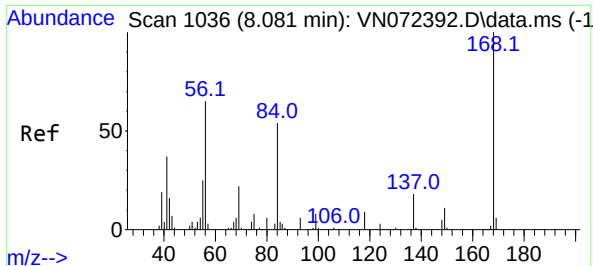
Instrument :
MSVOA_N
ClientSampleId :
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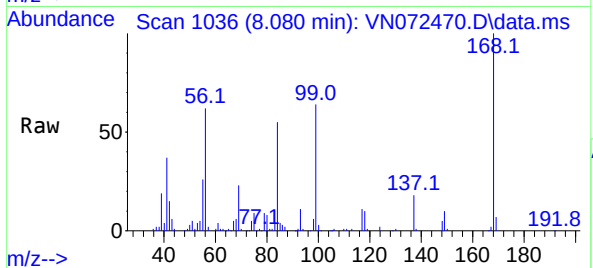
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072470.D
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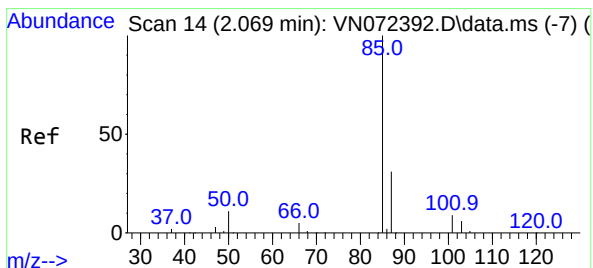
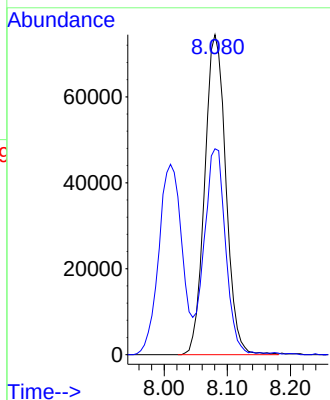
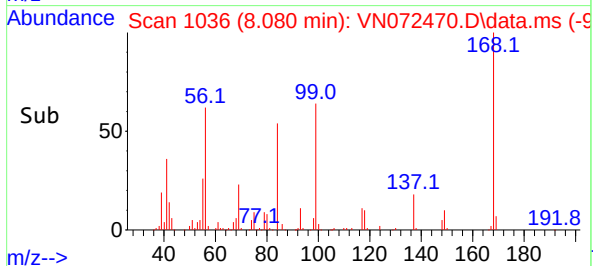
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



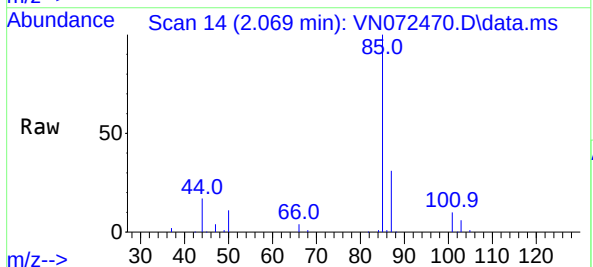
Tgt Ion:168 Resp: 17310
Ion Ratio Lower Upper
168 100
99 63.9 42.3 63.5

Manual Integrations
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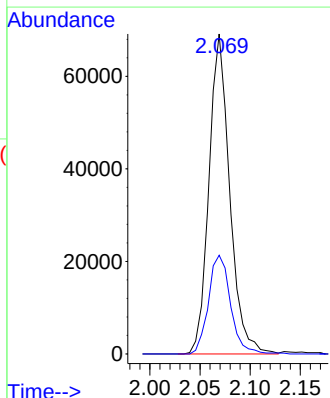
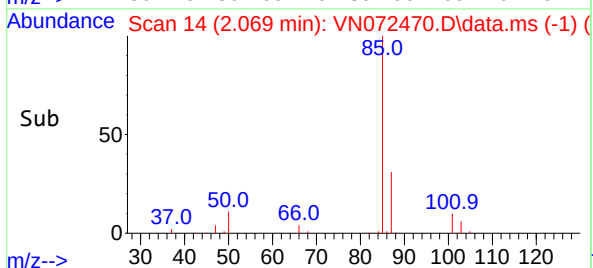
Reviewed By :John Carlone 05/16/2022
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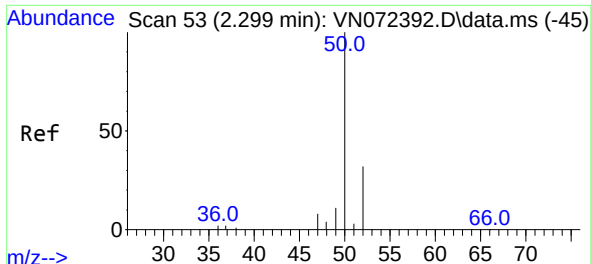


#2
Dichlorodifluoromethane
Concen: 46.159 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion: 85 Resp: 99651
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.1





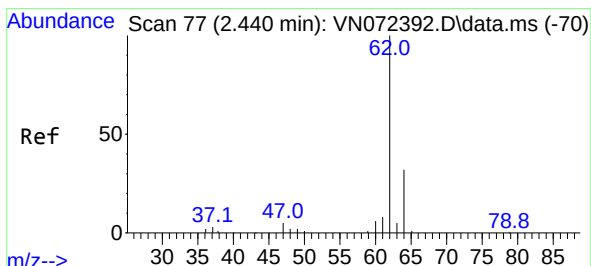
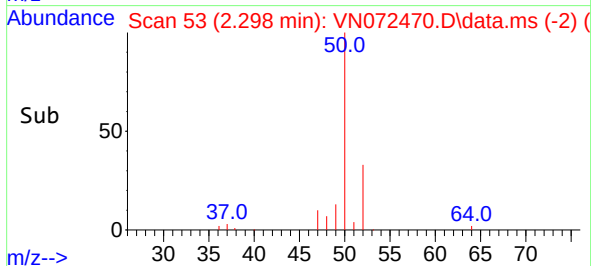
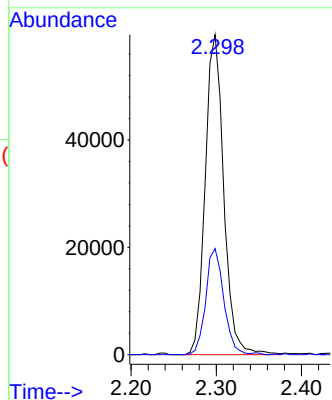
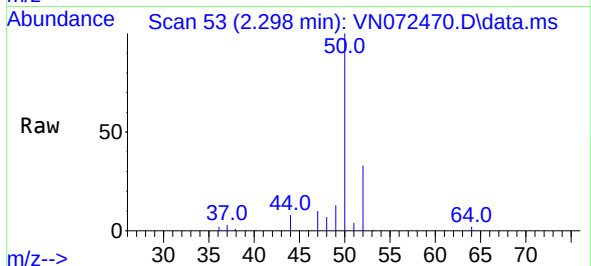
#3
Chloromethane
Concen: 44.414 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

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Tgt Ion: 50 Resp: 90038
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5

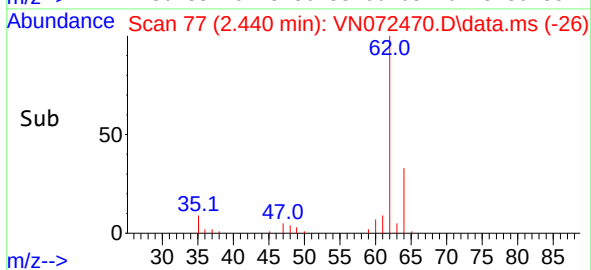
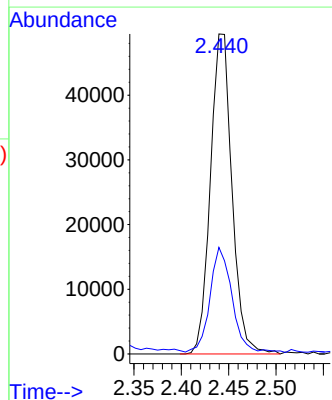
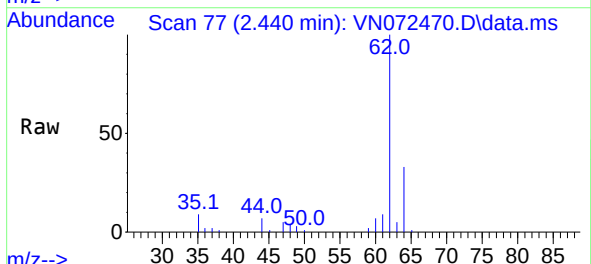
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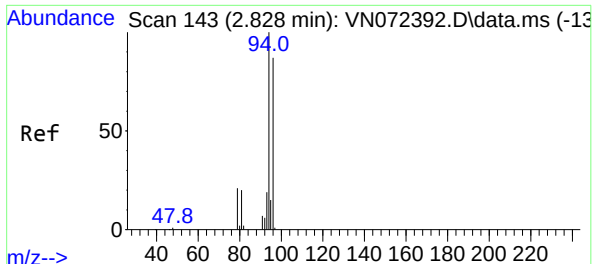
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#4
Vinyl Chloride
Concen: 42.701 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

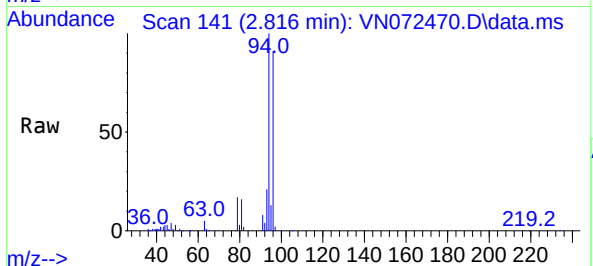
Tgt Ion: 62 Resp: 78494
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.4





#5
Bromomethane
Concen: 59.249 ug/l
RT: 2.816 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

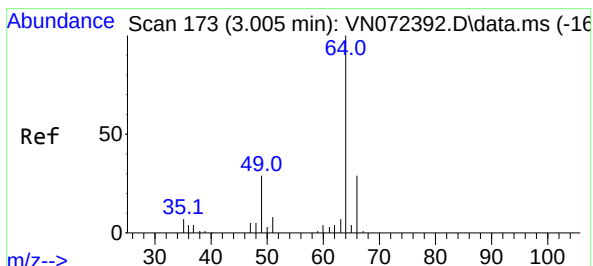
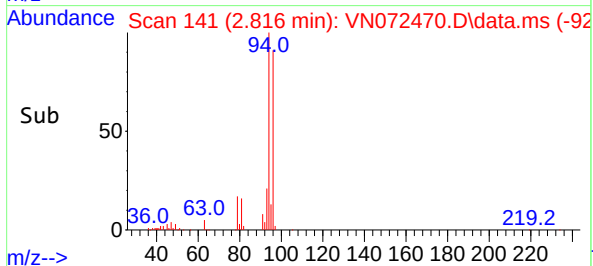
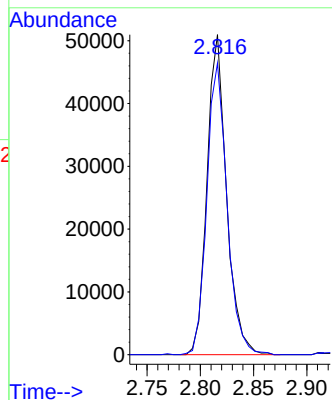
Instrument :
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Tgt Ion: 94 Resp: 64844
Ion Ratio Lower Upper
94 100
96 91.1 76.0 114.0

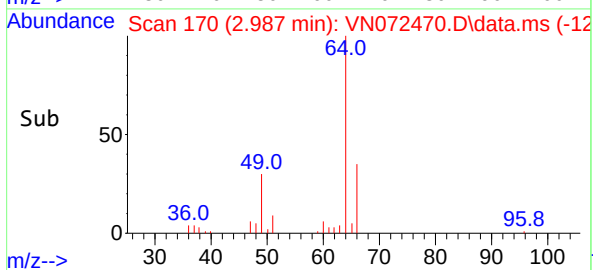
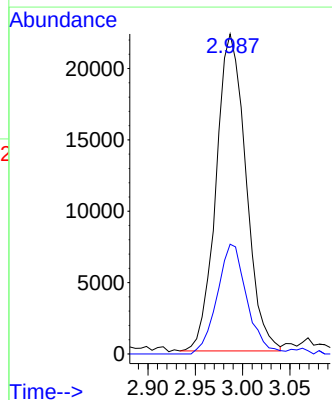
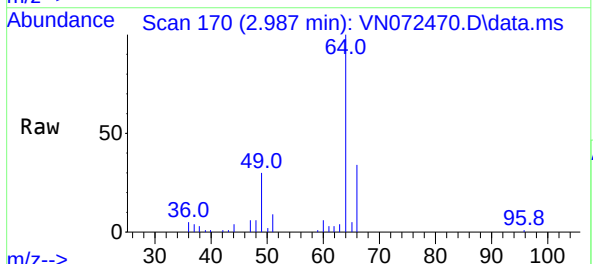
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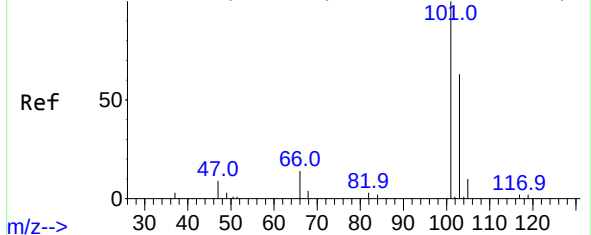


#6
Chloroethane
Concen: 50.628 ug/l
RT: 2.987 min Scan# 170
Delta R.T. -0.018 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion: 64 Resp: 48738
Ion Ratio Lower Upper
64 100
66 34.6 26.2 39.4



Abundance Scan 235 (3.369 min): VN072392.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 50.942 ug/l

RT: 3.363 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 17355

Ion Ratio Lower Upper

101 100

103 64.1 51.5 77.3

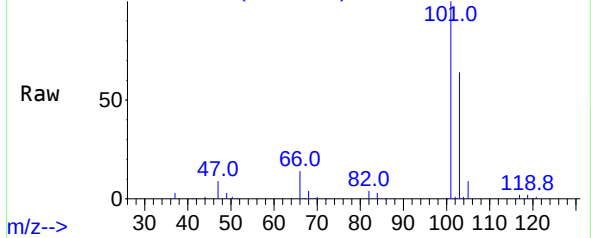
Manual Integrations

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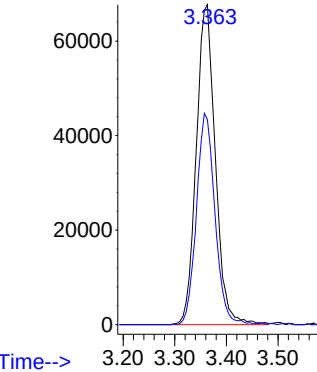
Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022

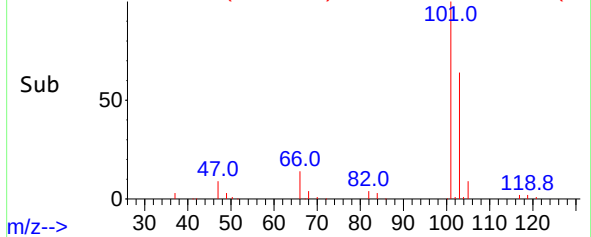
Abundance Scan 234 (3.363 min): VN072470.D\data.ms



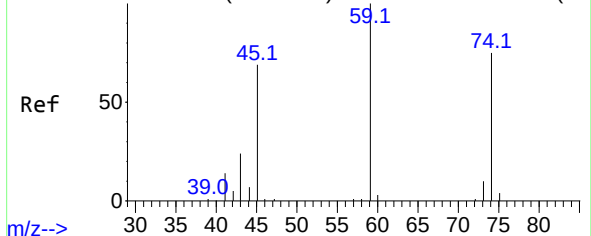
Abundance



Abundance Scan 234 (3.363 min): VN072470.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN072392.D\data.ms (-30



#8

Diethyl Ether

Concen: 49.313 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN072470.D

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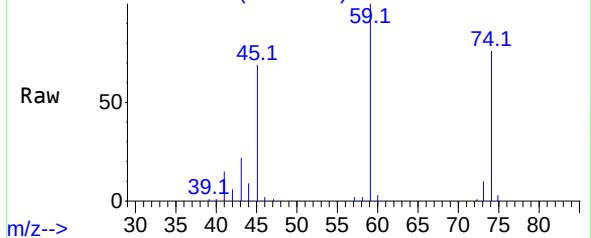
Tgt Ion: 74 Resp: 60611

Ion Ratio Lower Upper

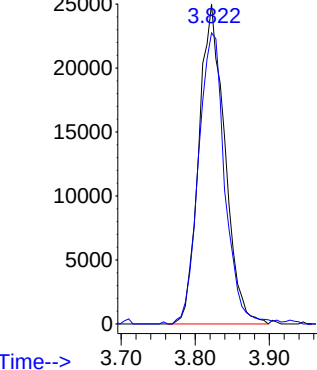
74 100

45 92.4 42.9 128.5

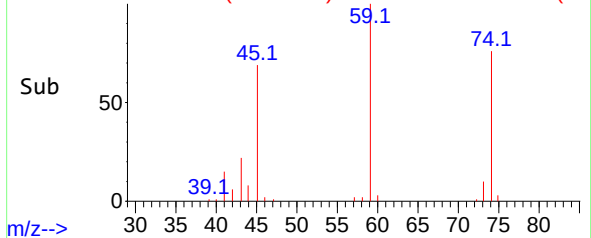
Abundance Scan 312 (3.822 min): VN072470.D\data.ms

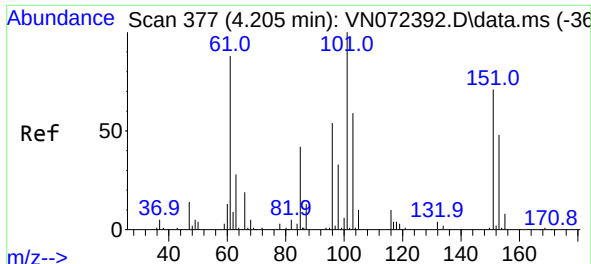


Abundance



Abundance Scan 312 (3.822 min): VN072470.D\data.ms (-26





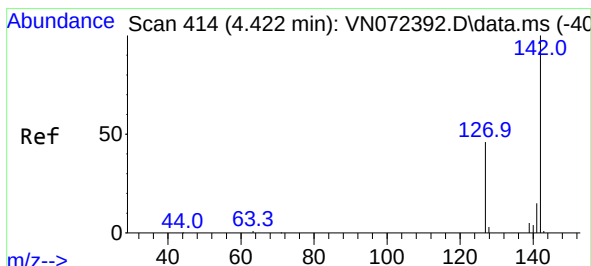
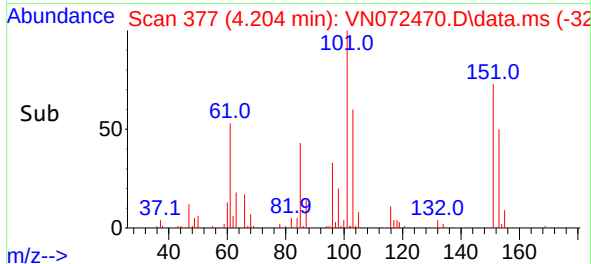
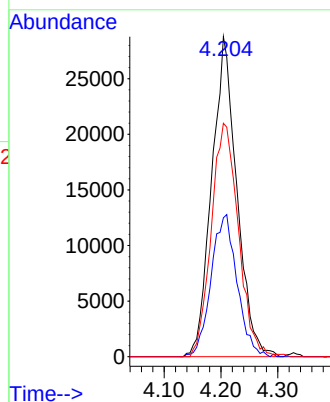
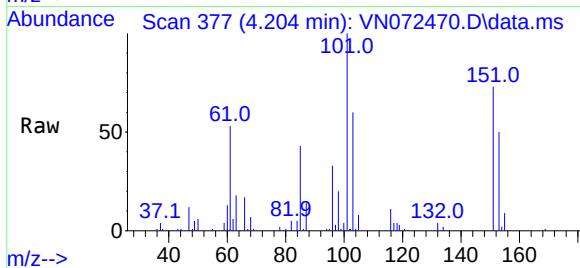
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.552 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8840
Ion Ratio Lower Upper
101 100
85 45.8 34.7 52.1
151 78.8 63.0 94.4

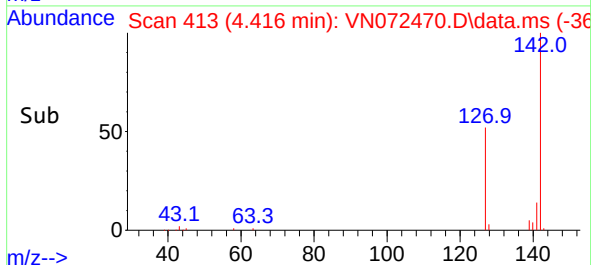
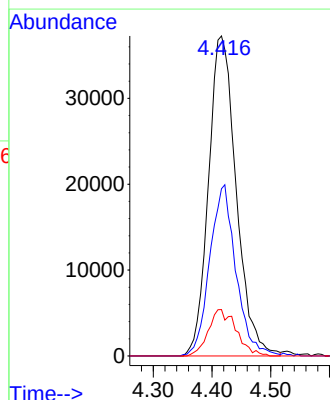
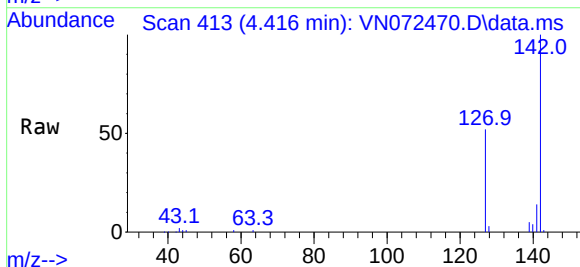
Manual Integrations
APPROVED

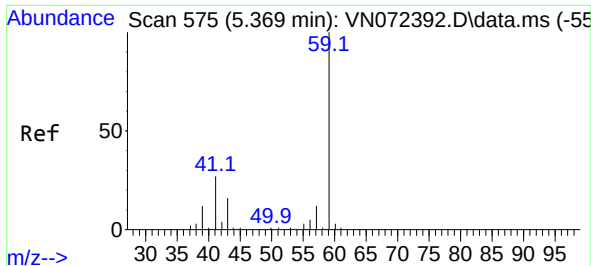
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Methyl Iodide
Concen: 49.506 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

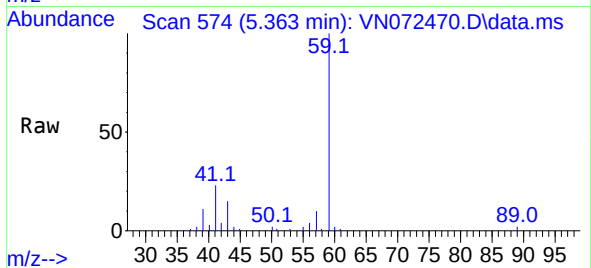
Tgt Ion:142 Resp: 122002
Ion Ratio Lower Upper
142 100
127 50.6 31.3 46.9#
141 14.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 260.918 ug/l
RT: 5.363 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

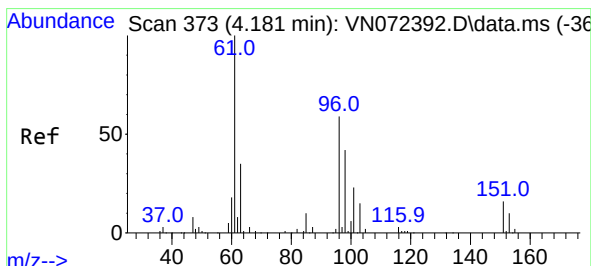
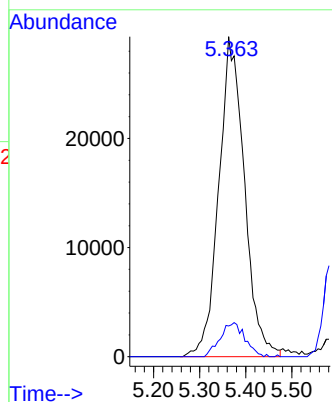
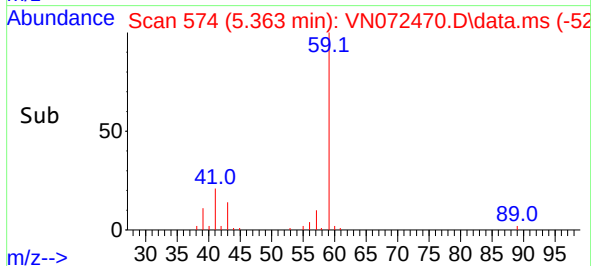
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



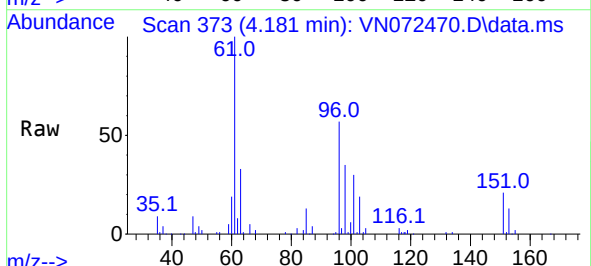
Tgt Ion: 59 Resp: 113115
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
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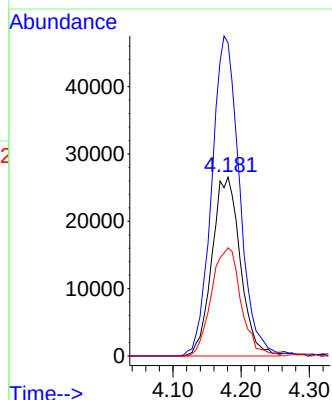
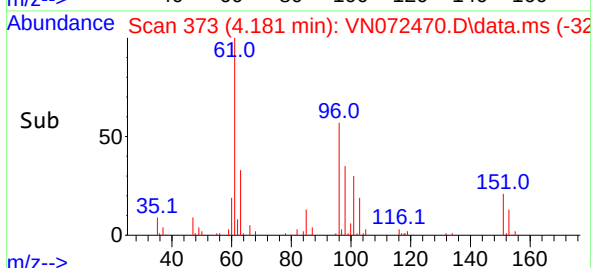
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

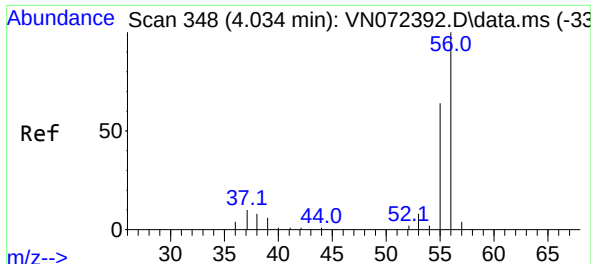


#12
1,1-Dichloroethene
Concen: 44.131 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



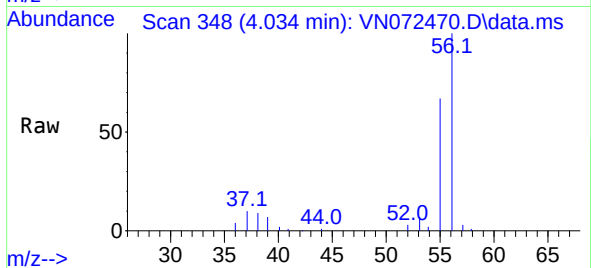
Tgt Ion: 96 Resp: 76872
Ion Ratio Lower Upper
96 100
61 175.4 127.6 191.4
98 60.5 51.2 76.8





#13
Acrolein
Concen: 229.626 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

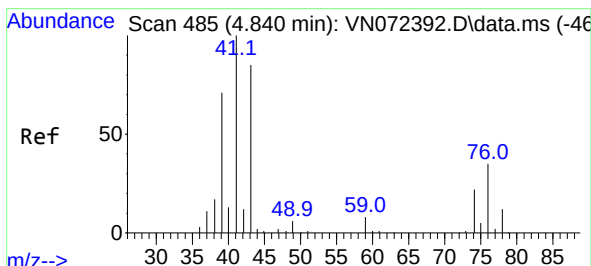
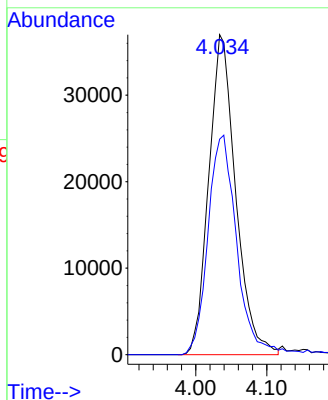
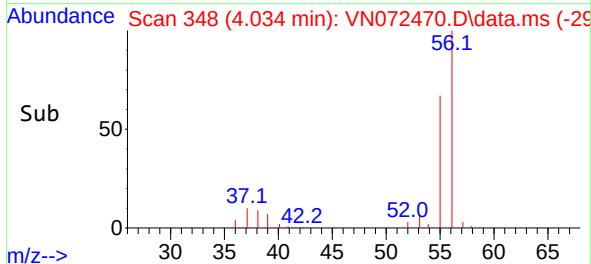
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



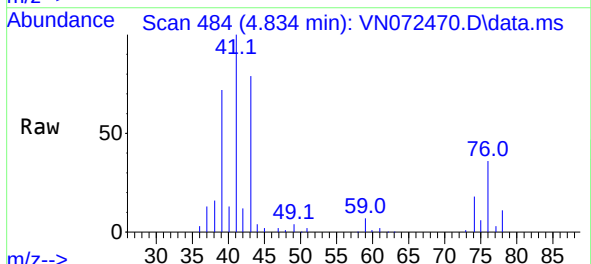
Tgt Ion: 56 Resp: 97398
Ion Ratio Lower Upper
56 100
55 73.2 54.8 82.2

Manual Integrations
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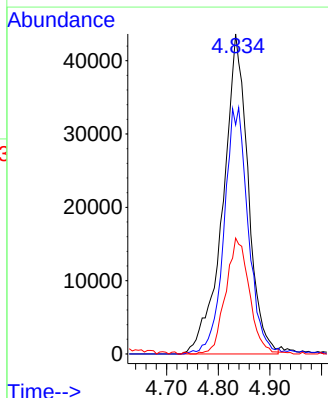
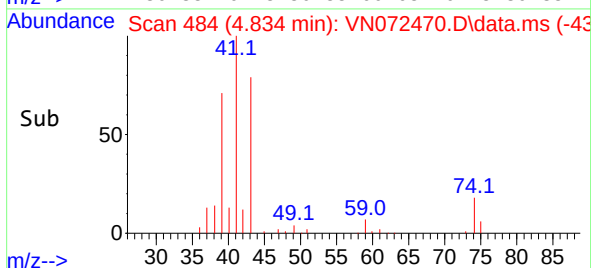
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

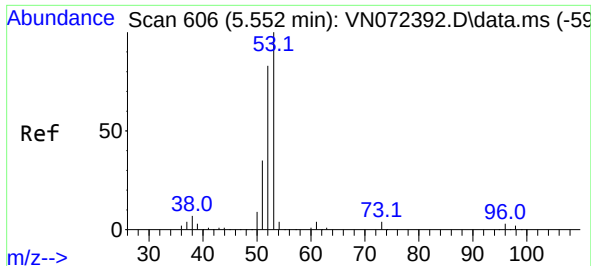


#14
Allyl chloride
Concen: 45.527 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



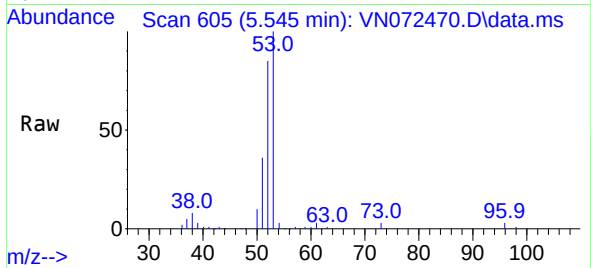
Tgt Ion: 41 Resp: 147652
Ion Ratio Lower Upper
41 100
39 74.1 53.2 79.8
76 34.1 29.9 44.9





#15
Acrylonitrile
Concen: 236.311 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.007 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

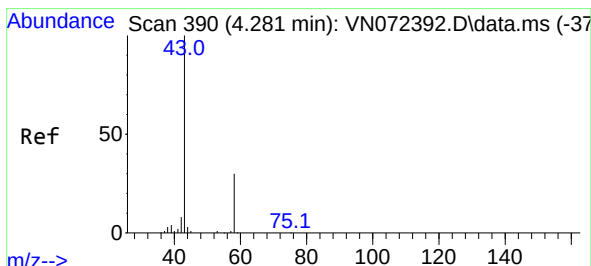
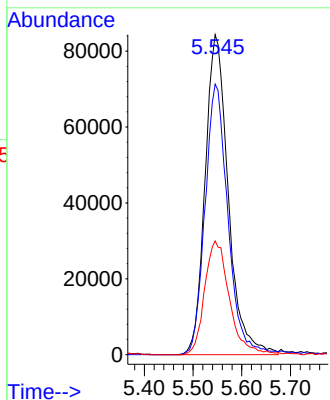
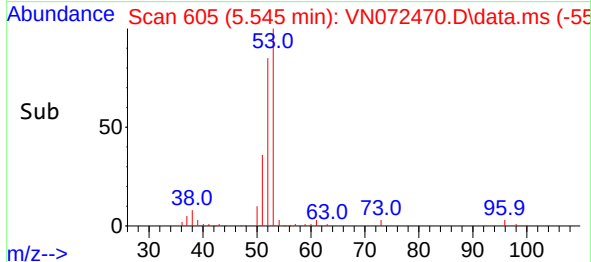
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



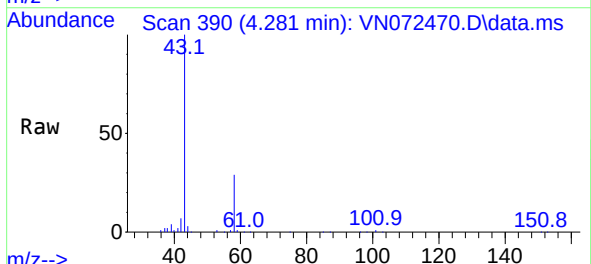
Tgt Ion: 53 Resp: 27838
Ion Ratio Lower Upper
53 100
52 84.2 66.4 99.6
51 38.0 28.5 42.7

Manual Integrations
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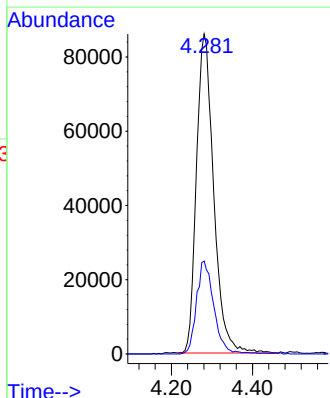
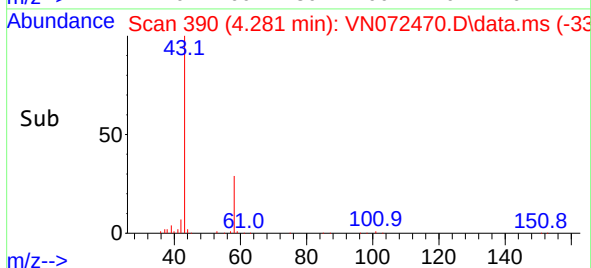
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

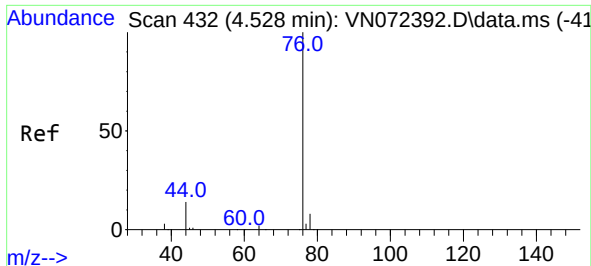


#16
Acetone
Concen: 241.844 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion: 43 Resp: 253940
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0





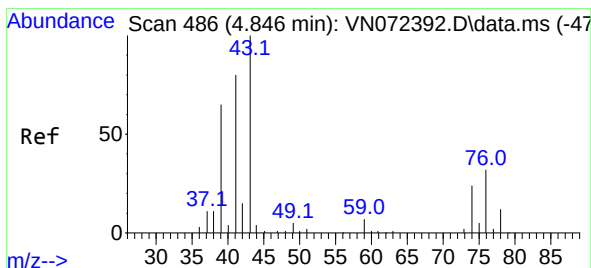
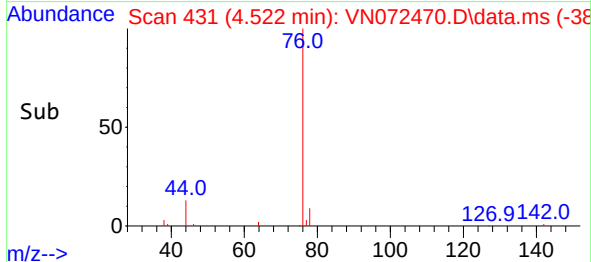
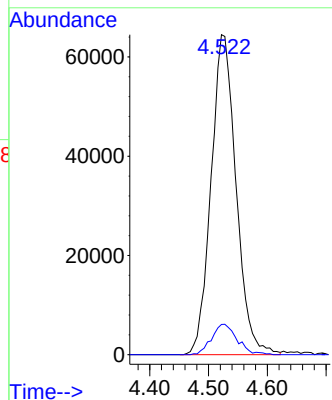
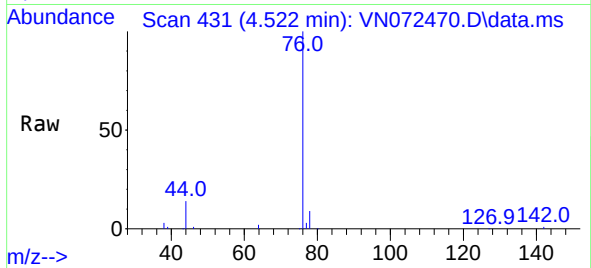
#17
Carbon Disulfide
Concen: 42.206 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 190670
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

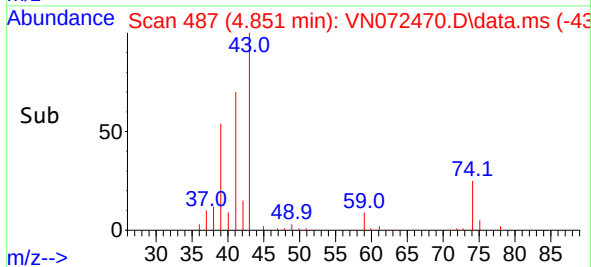
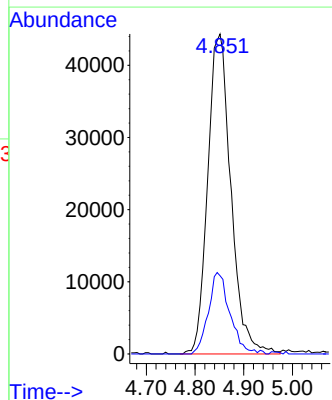
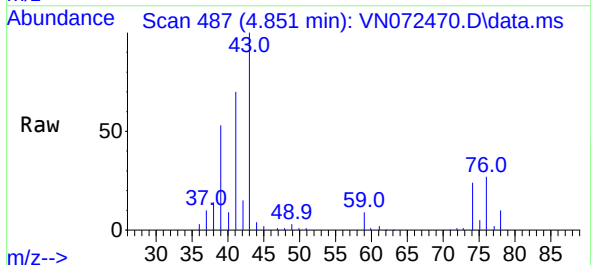
Manual Integrations
APPROVED

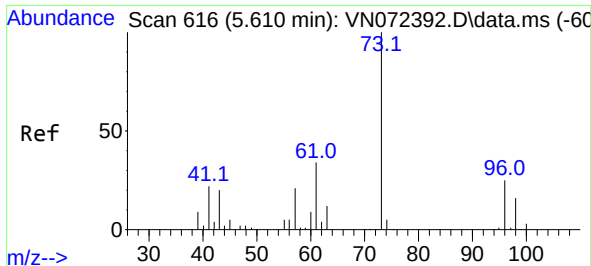
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
Methyl Acetate
Concen: 47.335 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

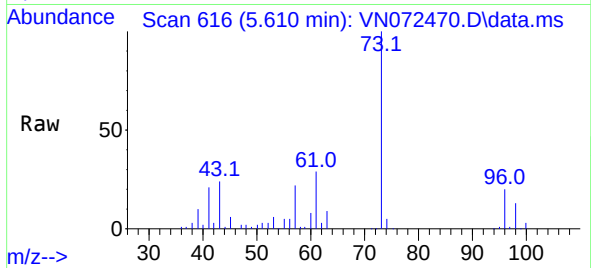
Tgt Ion: 43 Resp: 146337
Ion Ratio Lower Upper
43 100
74 23.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 55.635 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

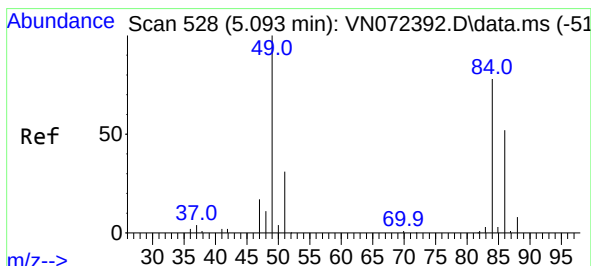
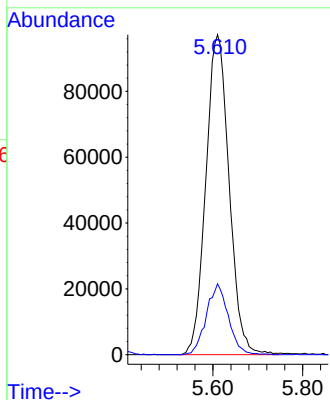
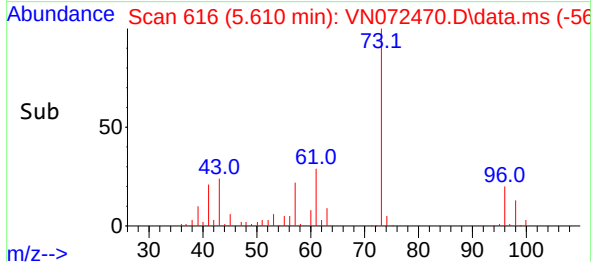
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



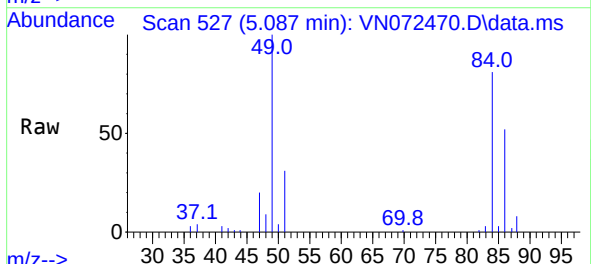
Tgt Ion: 73 Resp: 350218
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

Manual Integrations
APPROVED

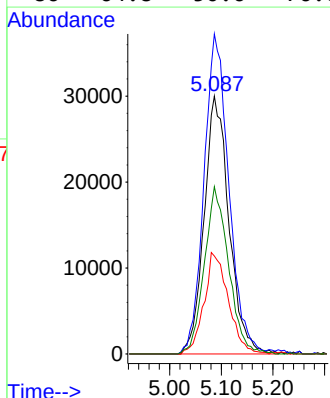
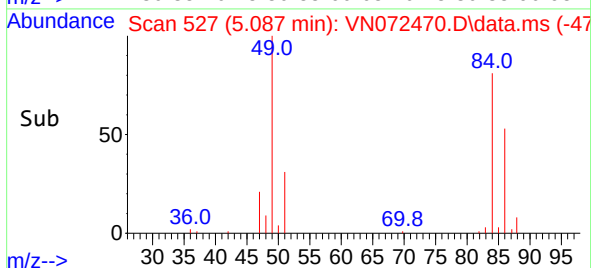
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

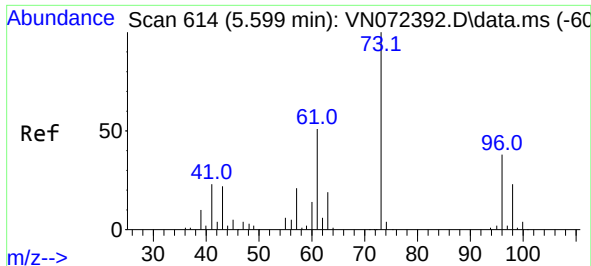


#20
Methylene Chloride
Concen: 46.641 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion: 84 Resp: 100415
Ion Ratio Lower Upper
84 100
49 124.0 88.3 132.5
51 38.0 28.2 42.2
86 64.8 50.6 76.0





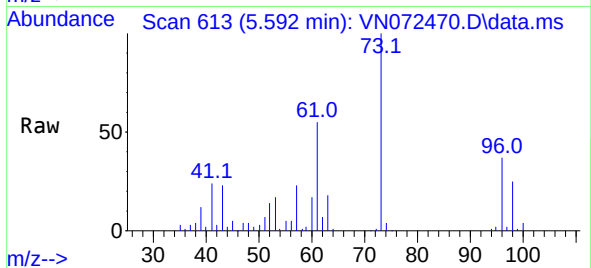
#21
trans-1,2-Dichloroethene
Concen: 47.661 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

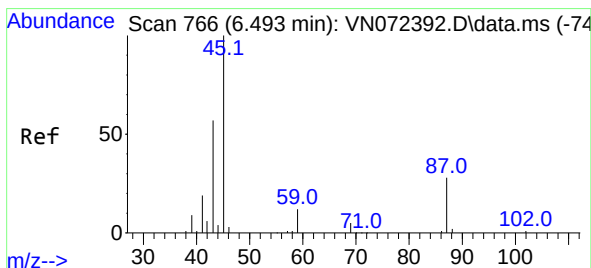
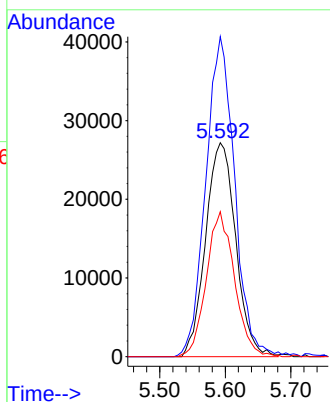
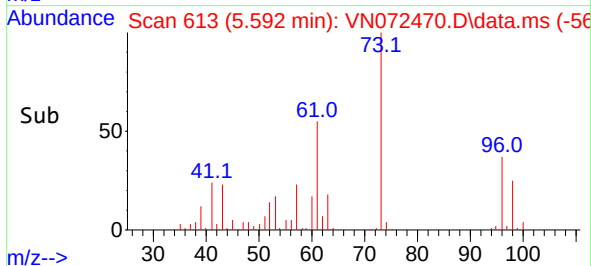


Tgt Ion: 96 Resp: 86858
Ion Ratio Lower Upper
96 100
61 148.8 105.8 158.8
98 67.8 50.3 75.5

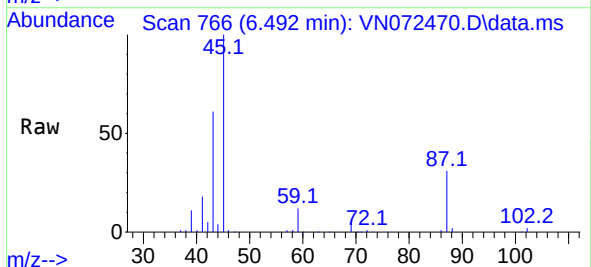
Manual Integrations

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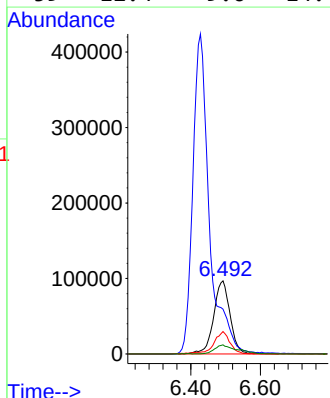
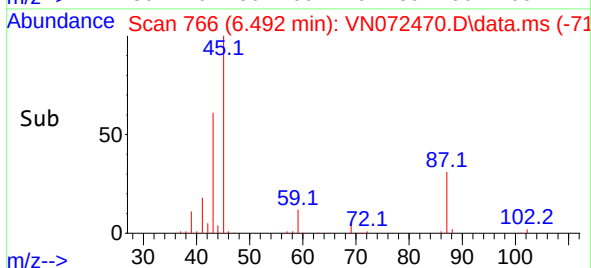
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

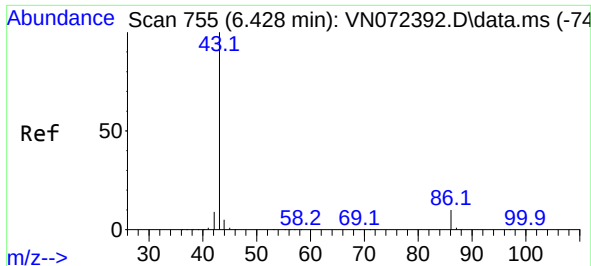


#22
Diisopropyl ether
Concen: 48.376 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion: 45 Resp: 318811
Ion Ratio Lower Upper
45 100
43 60.3 46.6 70.0
87 30.7 24.3 36.5
59 12.4 9.6 14.4





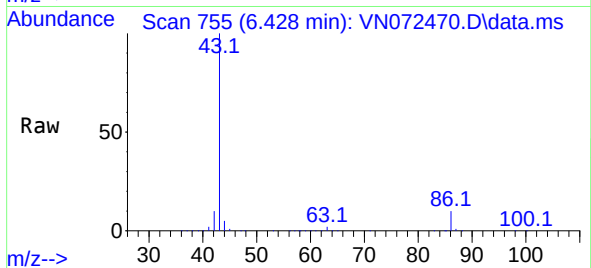
#23
 Vinyl Acetate
 Concen: 253.525 ug/l
 RT: 6.428 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072470.D
 Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

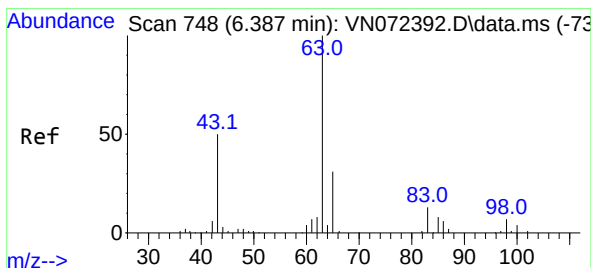
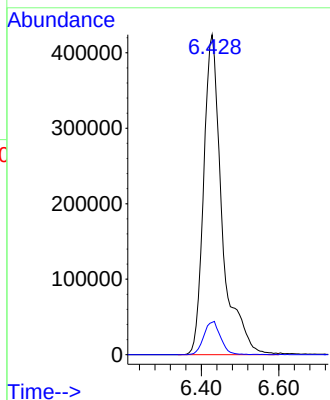
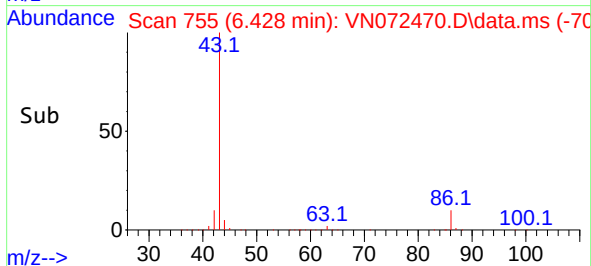


Tgt Ion: 43 Resp: 1398010
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.0 15.0

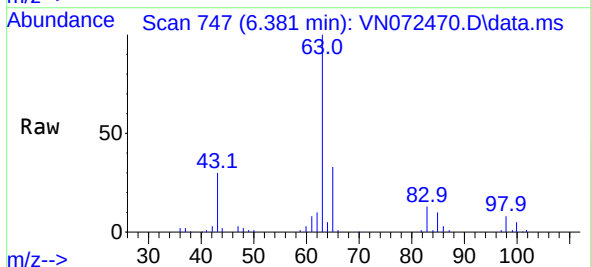
Manual Integrations

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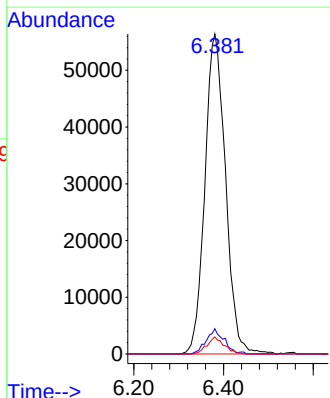
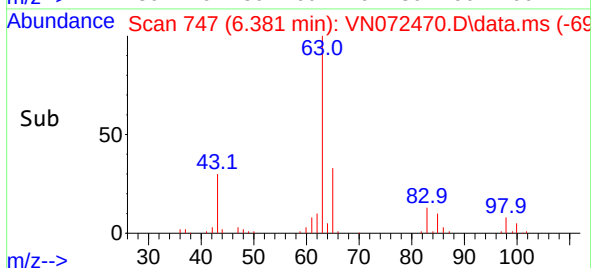
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

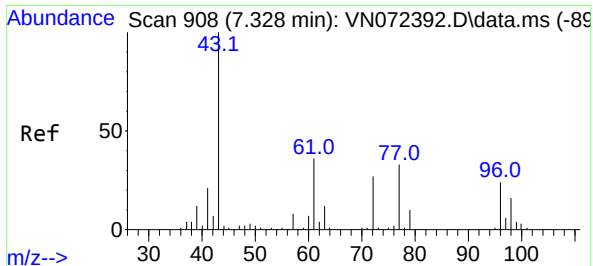


#24
 1,1-Dichloroethane
 Concen: 48.433 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072470.D
 Acq: 13 May 2022 11:50



Tgt Ion: 63 Resp: 180119
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.3 2.3 6.8





#25

2-Butanone

Concen: 232.432 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 38518

Ion Ratio Lower Upper

43 100

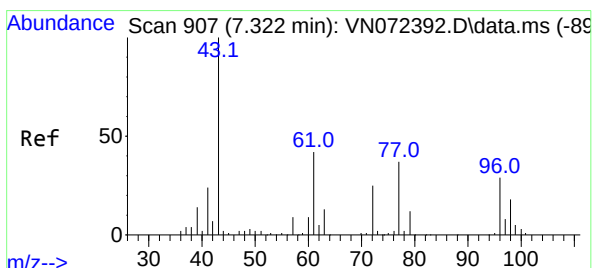
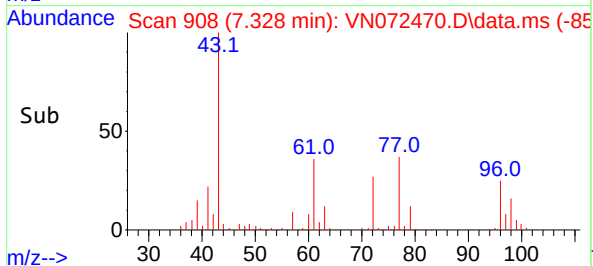
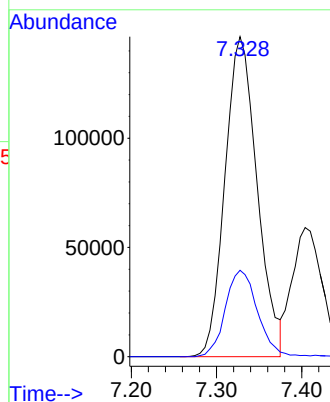
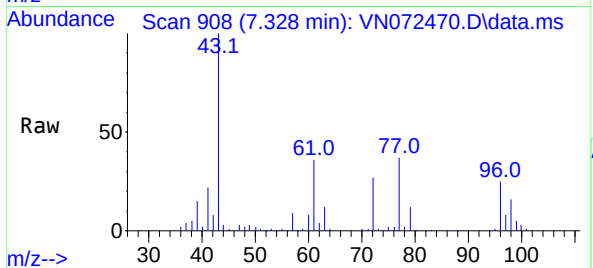
72 27.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#26

2,2-Dichloropropane

Concen: 52.923 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072470.D

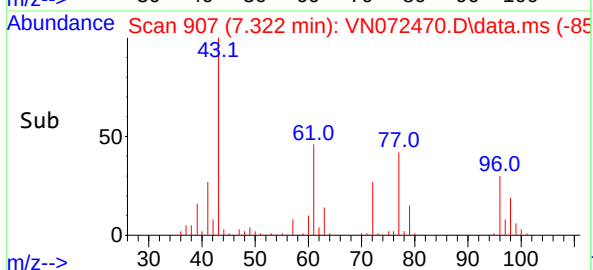
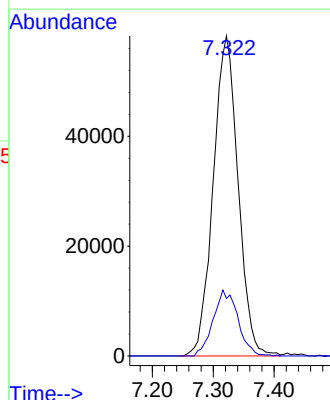
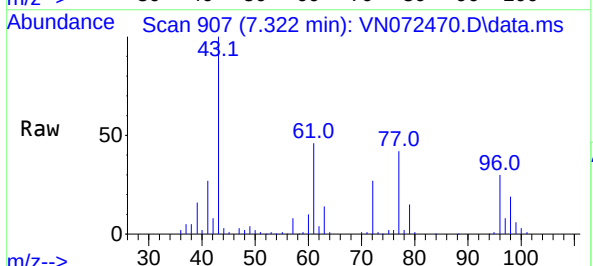
Acq: 13 May 2022 11:50

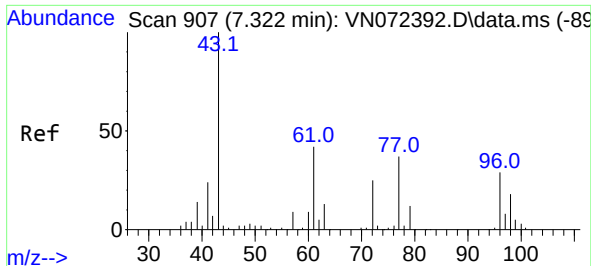
Tgt Ion: 77 Resp: 165395

Ion Ratio Lower Upper

77 100

97 20.5 11.4 34.2





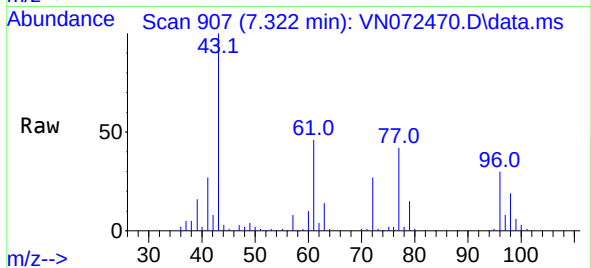
#27
cis-1,2-Dichloroethene
Concen: 49.339 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



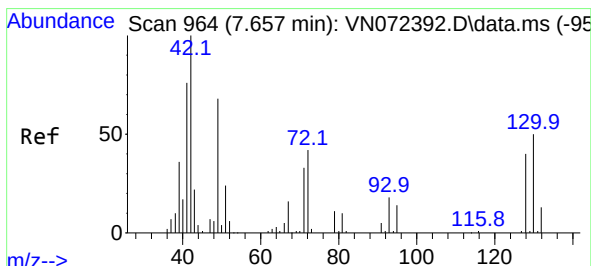
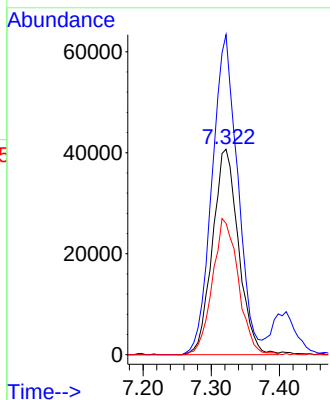
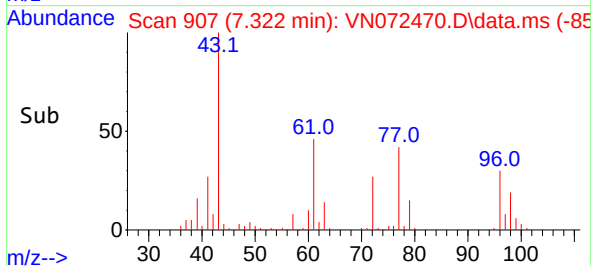
Tgt Ion: 96 Resp: 108098
Ion Ratio Lower Upper
96 100
61 153.7 0.0 280.6
98 65.9 0.0 128.4

Manual Integrations

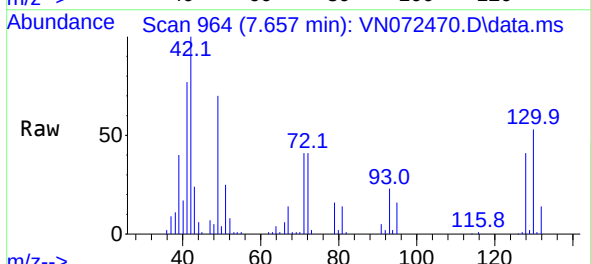
APPROVED

Reviewed By :John Carlone 05/16/2022

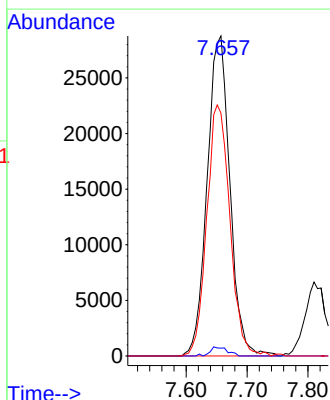
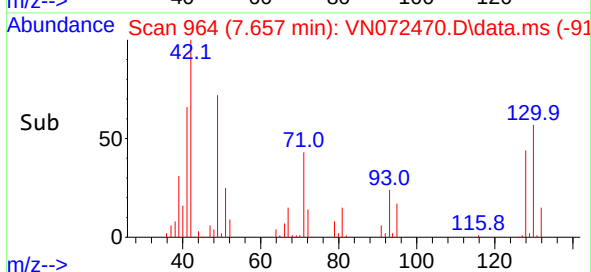
Supervised By :Mahesh Dadoda 05/16/2022

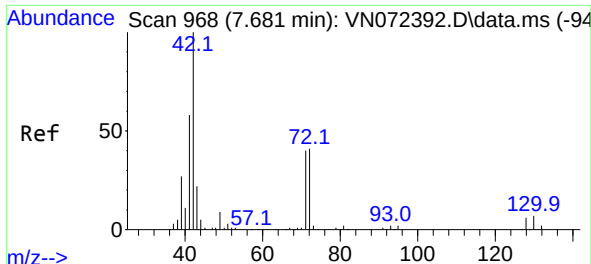


#28
Bromochloromethane
Concen: 47.287 ug/l
RT: 7.657 min Scan# 964
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion: 49 Resp: 74669
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 79.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 232.731 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.001 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 250650

Ion Ratio Lower Upper

42 100

72 43.7 39.7 59.5

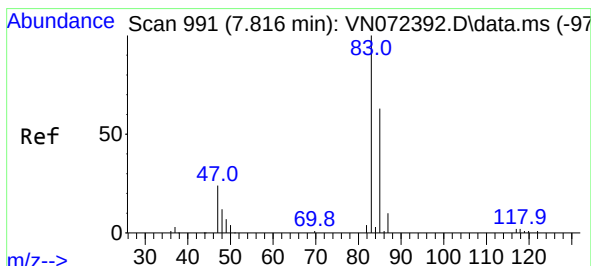
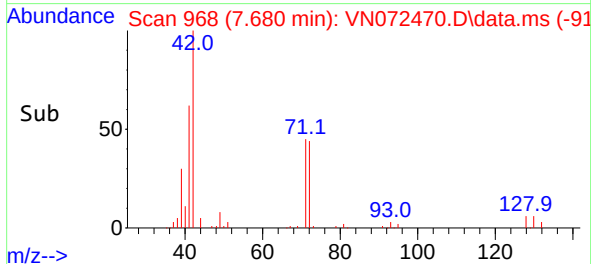
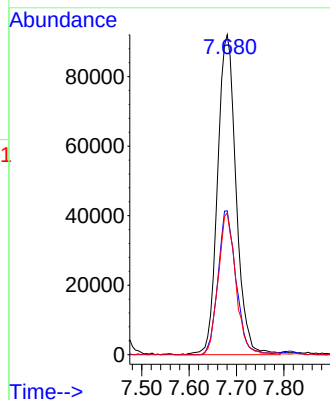
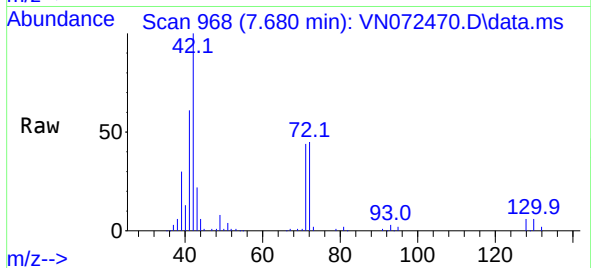
71 42.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#30

Chloroform

Concen: 52.933 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072470.D

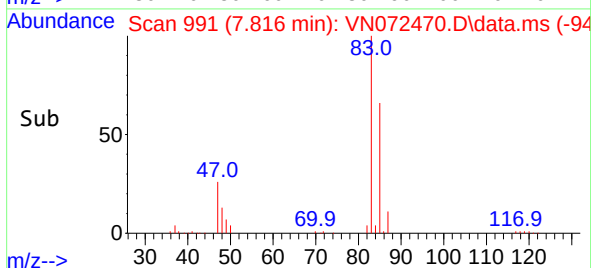
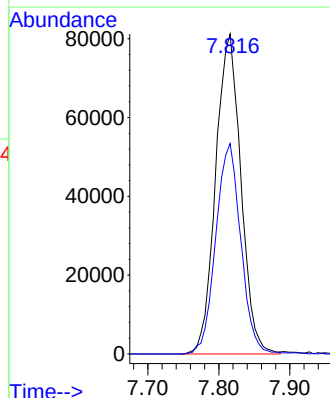
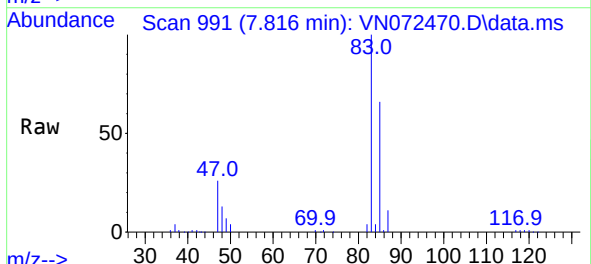
Acq: 13 May 2022 11:50

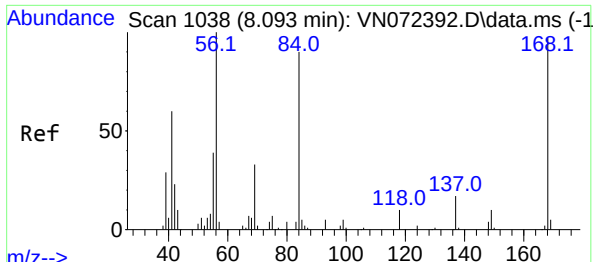
Tgt Ion: 83 Resp: 200270

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8





#31

Cyclohexane

Concen: 40.974 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.001 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 14394

Ion Ratio Lower Upper

56 100

69 31.2 27.8 41.8

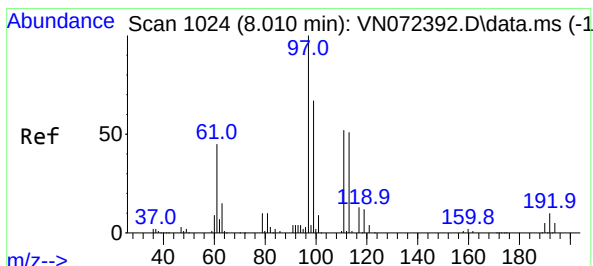
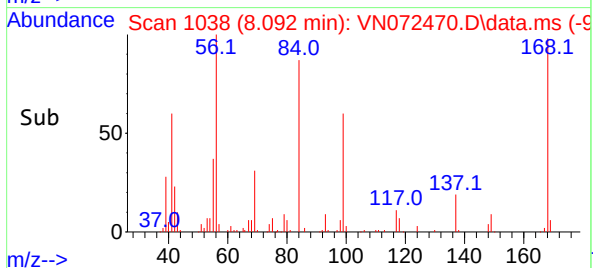
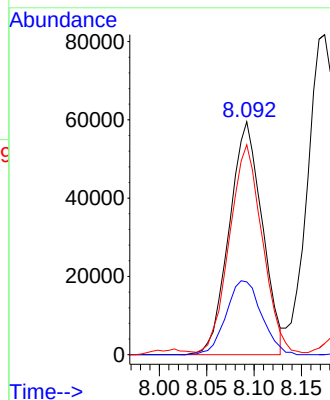
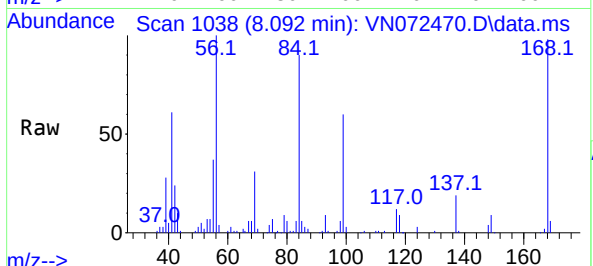
84 88.6 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#32

1,1,1-Trichloroethane

Concen: 52.263 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

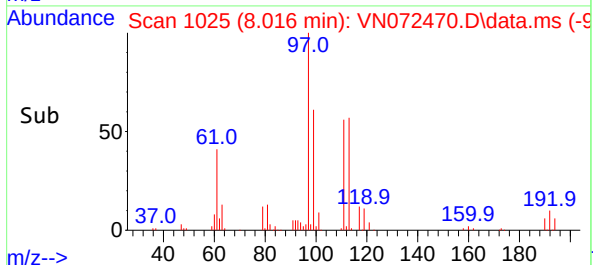
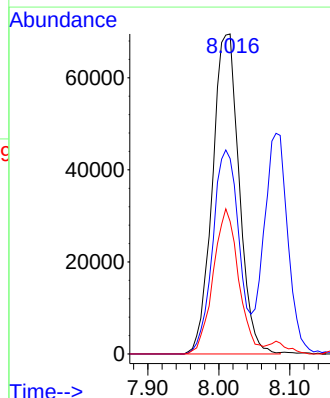
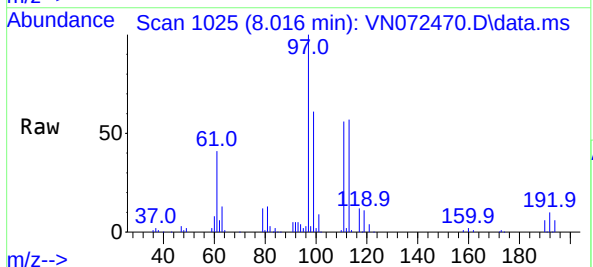
Tgt Ion: 97 Resp: 181364

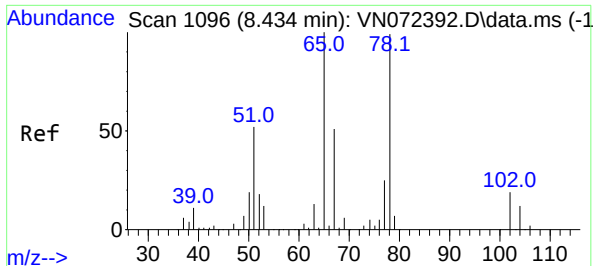
Ion Ratio Lower Upper

97 100

99 62.9 50.6 76.0

61 43.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.677 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 137014

Ion Ratio Lower Upper

65 100

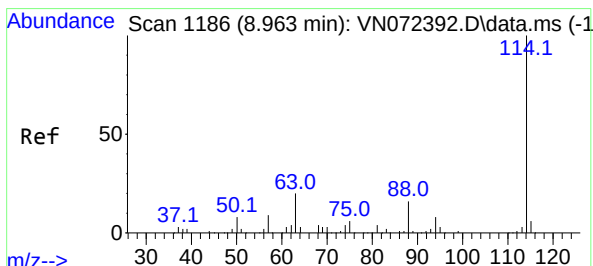
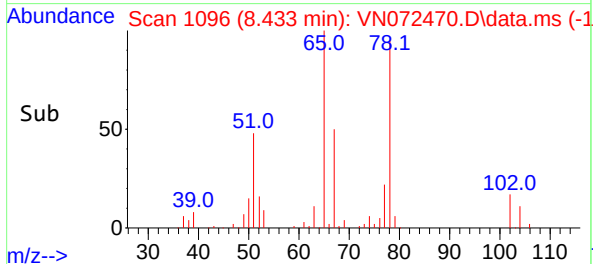
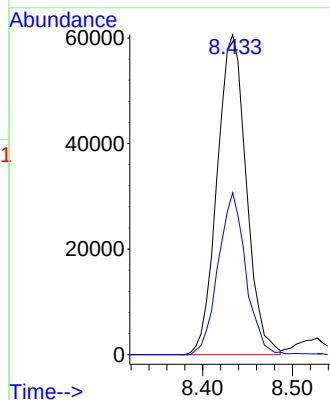
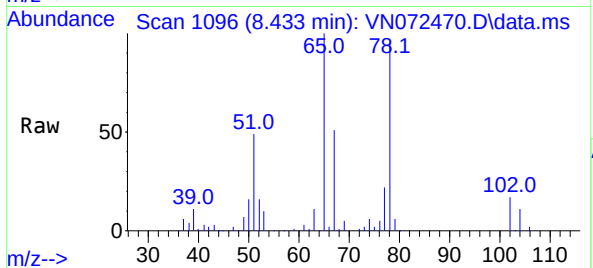
67 47.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

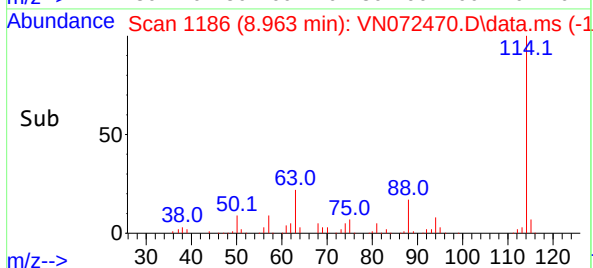
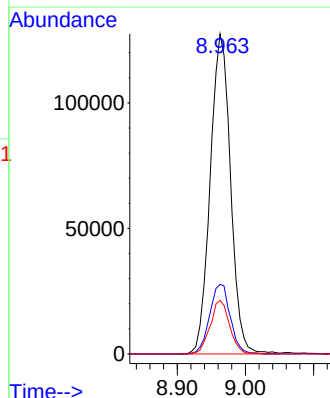
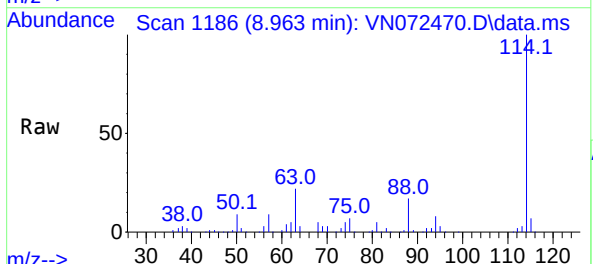
Tgt Ion:114 Resp: 264695

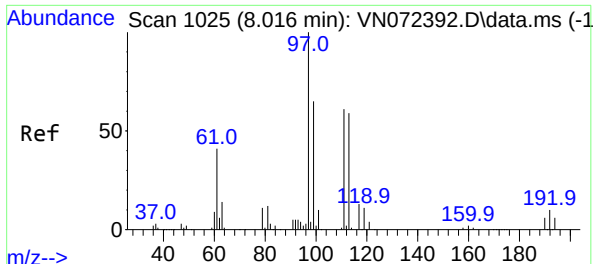
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.7 0.0 32.6





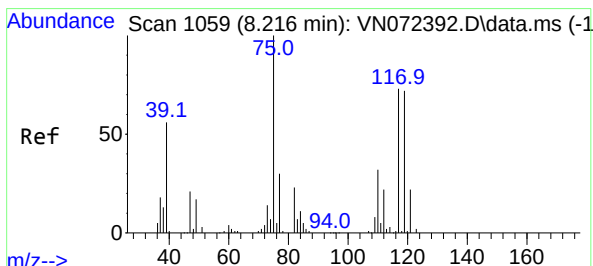
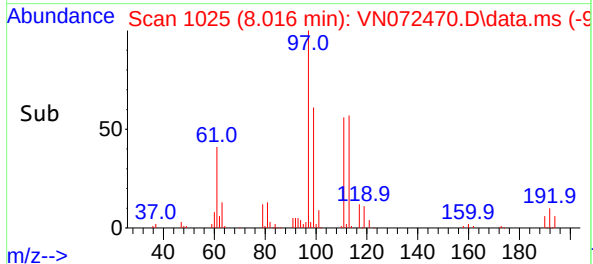
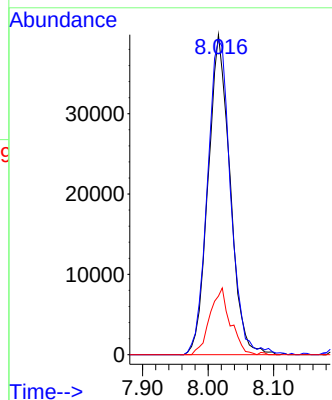
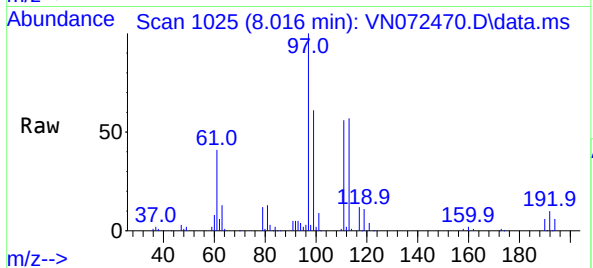
#35
Dibromofluoromethane
Concen: 52.551 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 113 Resp: 9254
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 19.5 17.0 25.6

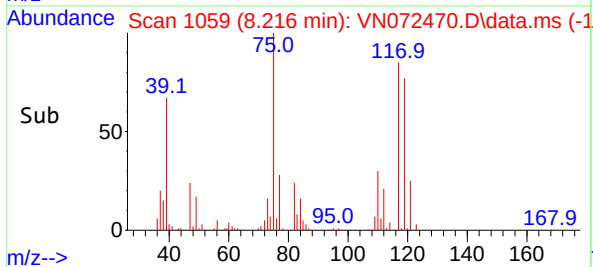
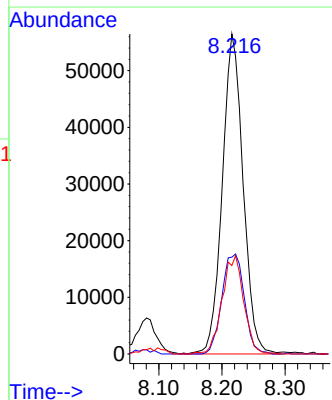
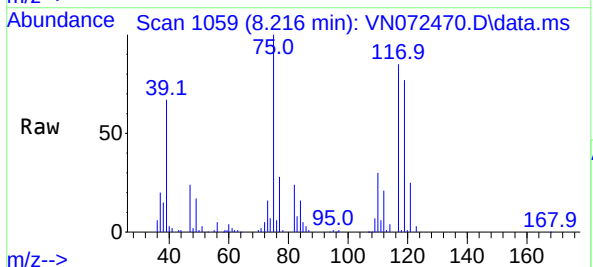
Manual Integrations
APPROVED

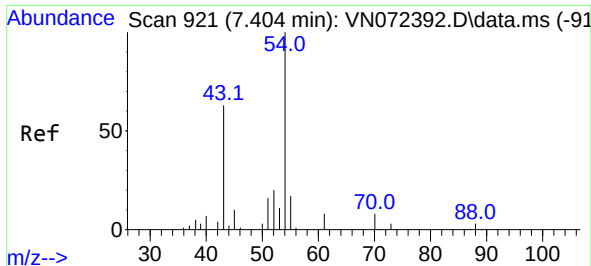
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#36
1,1-Dichloropropene
Concen: 51.134 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

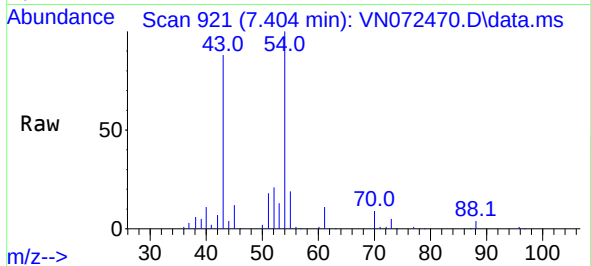
Tgt Ion: 75 Resp: 129334
Ion Ratio Lower Upper
75 100
110 33.6 18.3 54.8
77 31.9 25.1 37.7





#37
Ethyl Acetate
Concen: 50.969 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

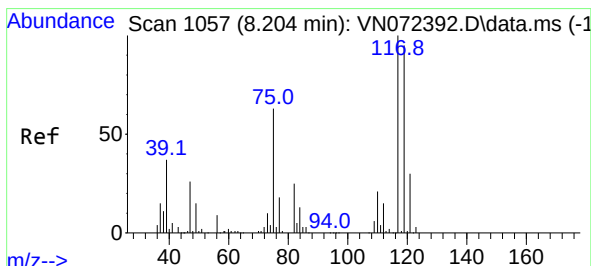
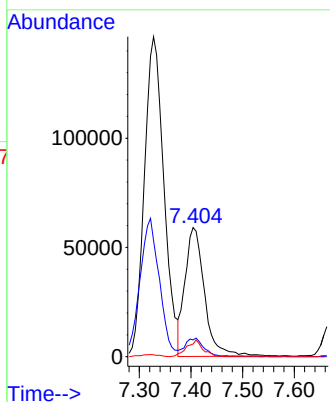
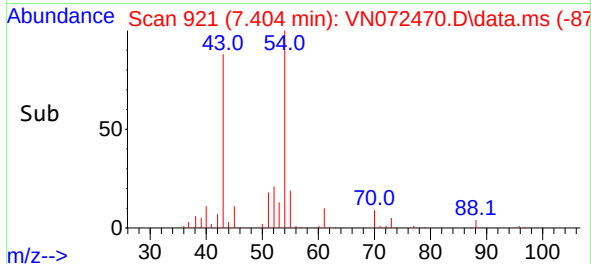
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 154672
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 10.6 9.3 13.9

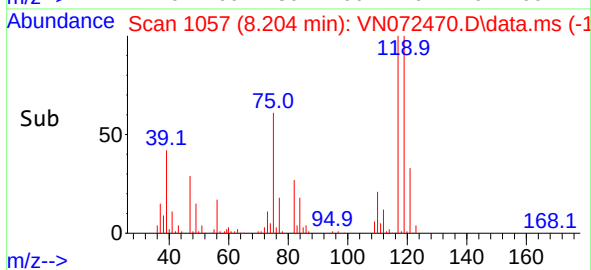
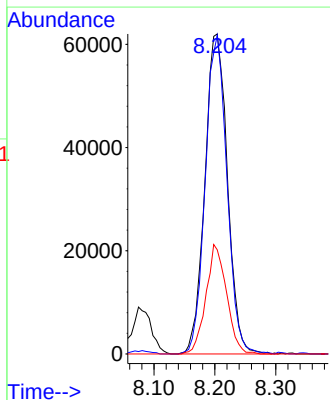
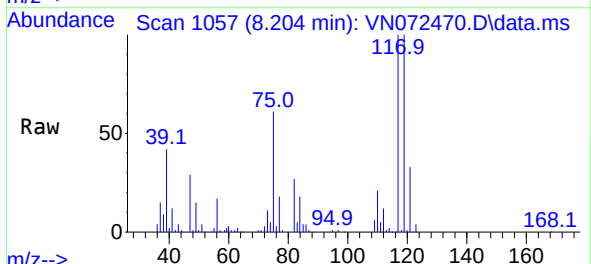
Manual Integrations
APPROVED

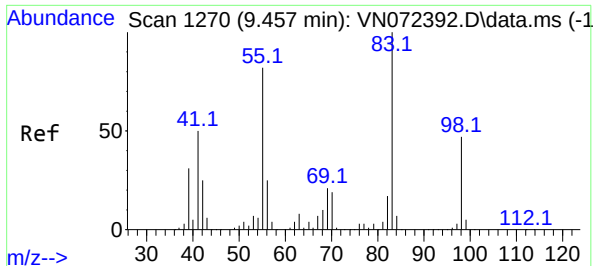
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#38
Carbon Tetrachloride
Concen: 56.477 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion:117 Resp: 159874
Ion Ratio Lower Upper
117 100
119 99.6 75.8 113.8
121 32.5 24.6 37.0





#39
Methylcyclohexane
Concen: 54.202 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

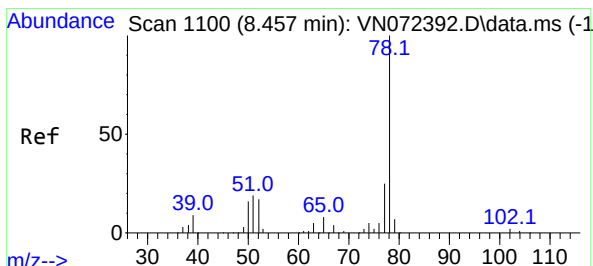
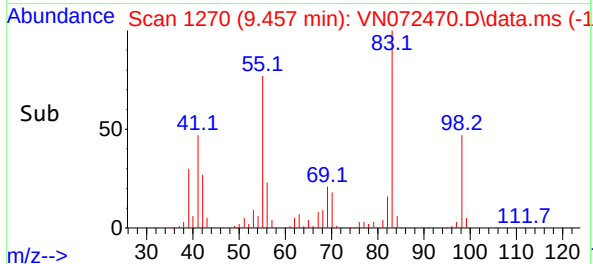
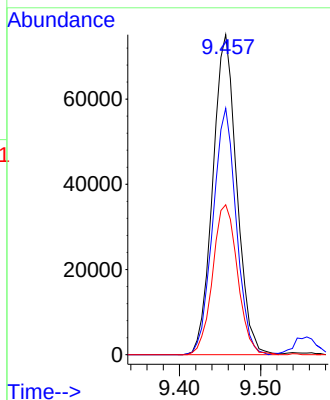
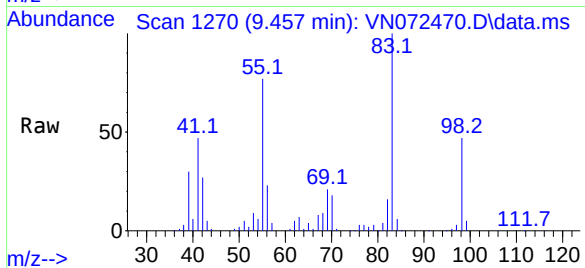
VSTDCCC050

Tgt Ion: 83 Resp: 154078
Ion Ratio Lower Upper
83 100
55 77.0 57.8 86.8
98 46.8 39.4 59.2

Manual Integrations

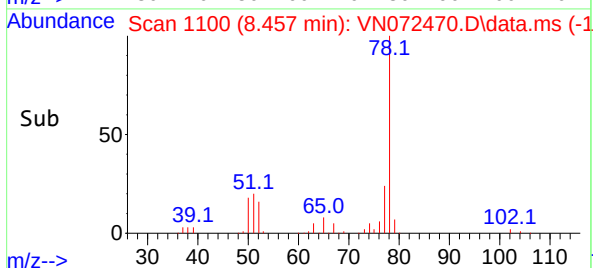
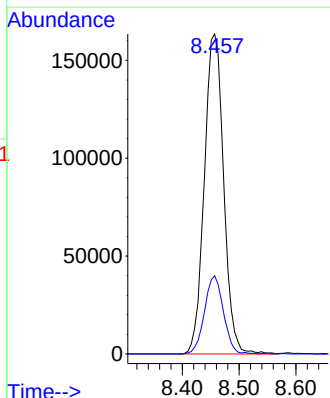
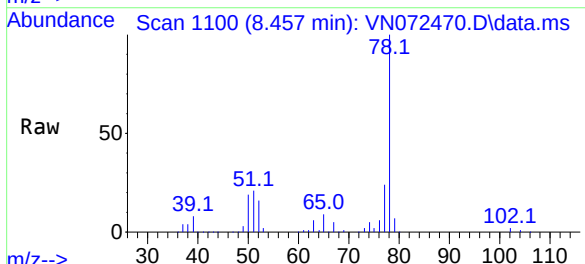
APPROVED

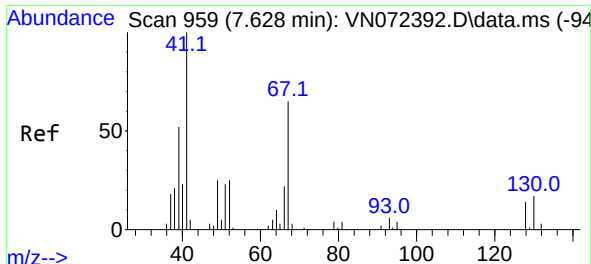
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#40
Benzene
Concen: 51.083 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

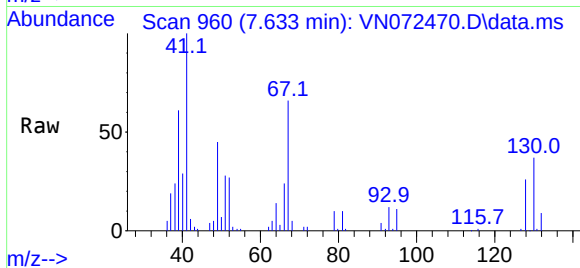
Tgt Ion: 78 Resp: 385978
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0





#41
Methacrylonitrile
Concen: 58.814 ug/l
RT: 7.633 min Scan# 910
Delta R.T. 0.005 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

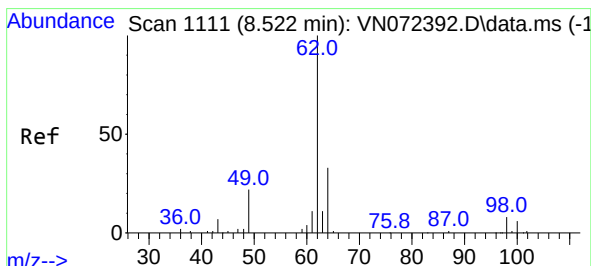
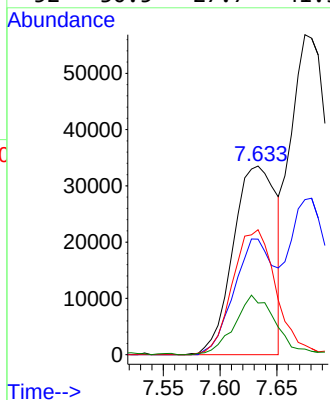
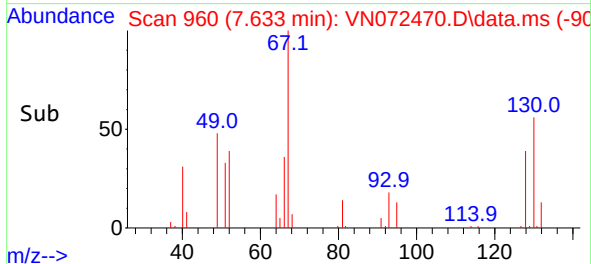
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 88375
Ion Ratio Lower Upper
41 100
39 57.5 48.6 73.0
67 67.3 73.4 110.2
52 30.5 27.7 41.5

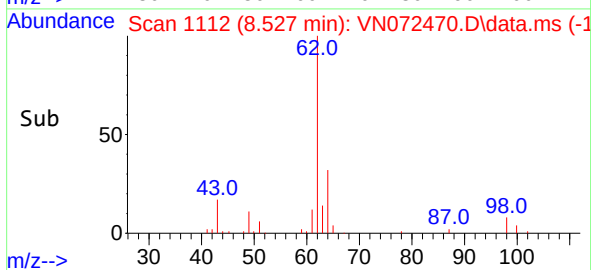
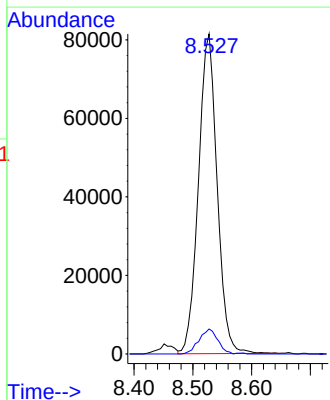
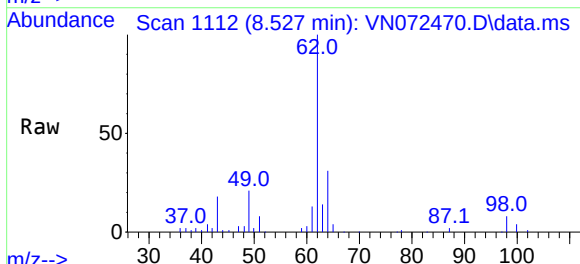
Manual Integrations
APPROVED

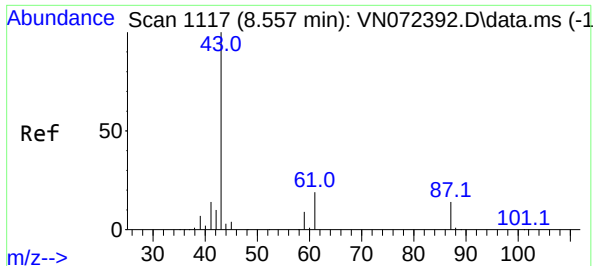
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#42
1,2-Dichloroethane
Concen: 59.056 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.005 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion: 62 Resp: 179350
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.4





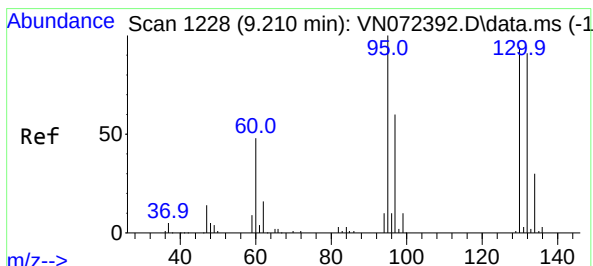
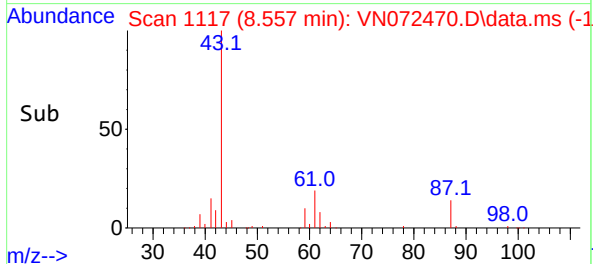
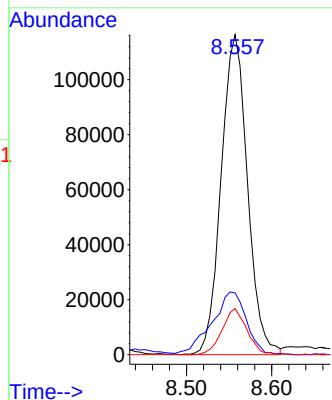
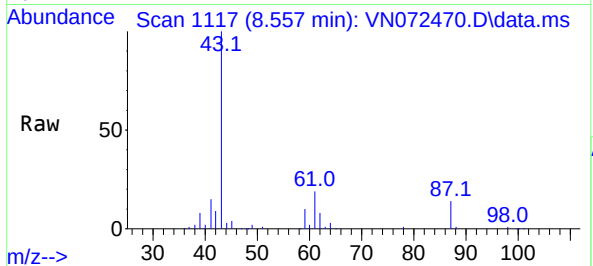
#43
Isopropyl Acetate
Concen: 53.631 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 249980
Ion Ratio Lower Upper
43 100
61 25.8 21.9 32.9
87 13.6 12.0 18.0

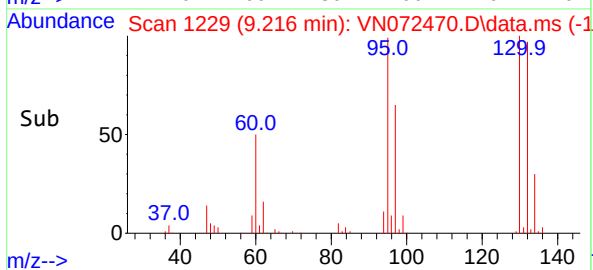
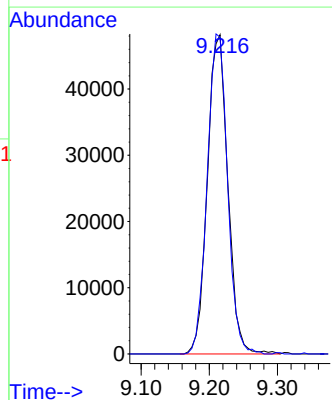
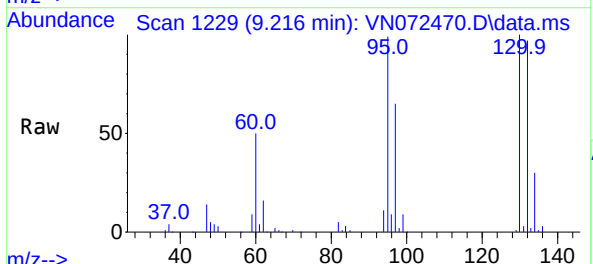
Manual Integrations
APPROVED

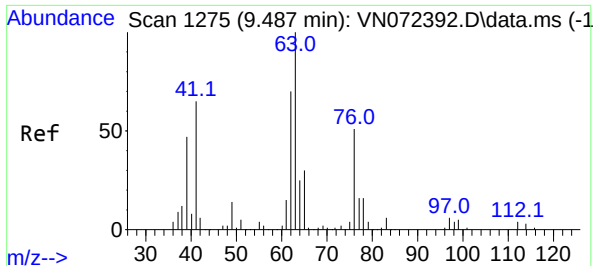
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
Trichloroethene
Concen: 52.420 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion:130 Resp: 100548
Ion Ratio Lower Upper
130 100
95 99.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.733 ug/l

RT: 9.486 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 99824

Ion Ratio Lower Upper

63 100

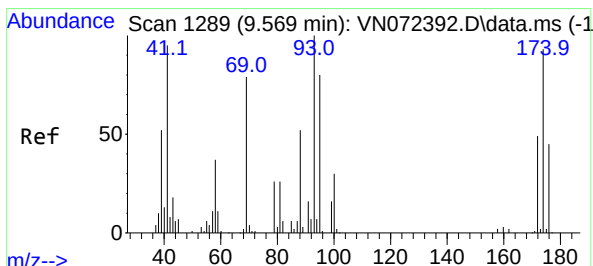
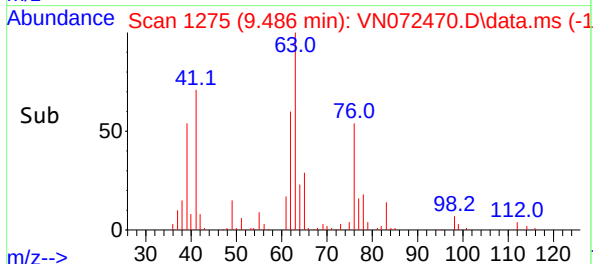
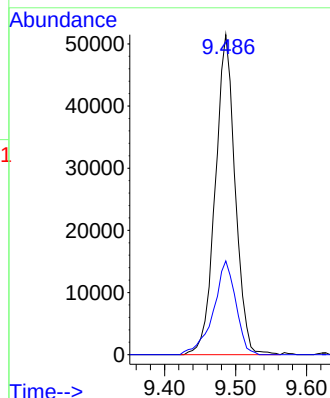
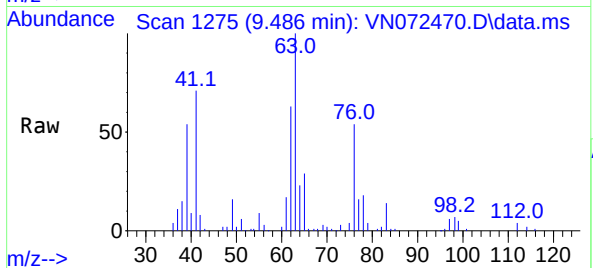
65 29.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 57.107 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.005 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

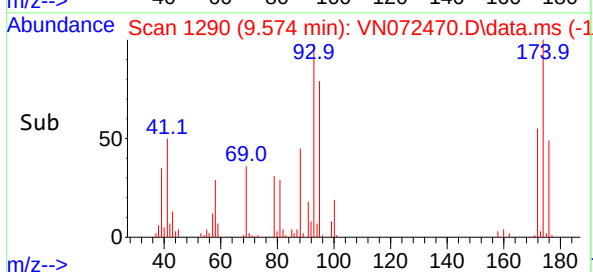
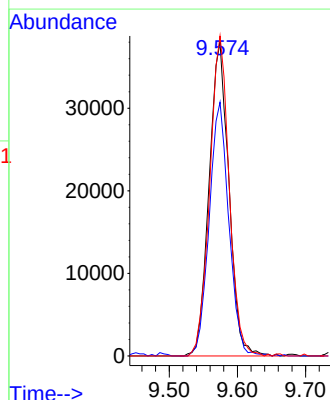
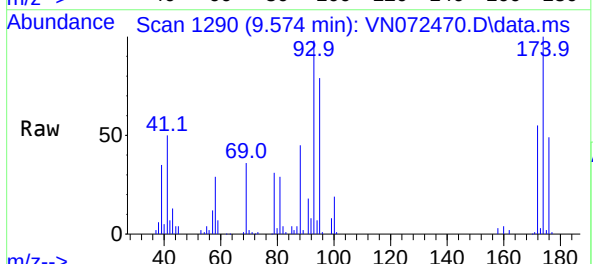
Tgt Ion: 93 Resp: 76728

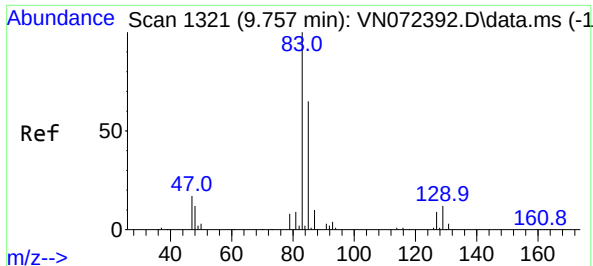
Ion Ratio Lower Upper

93 100

95 80.2 66.9 100.3

174 100.7 86.6 130.0





#47
Bromodichloromethane
Concen: 59.284 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

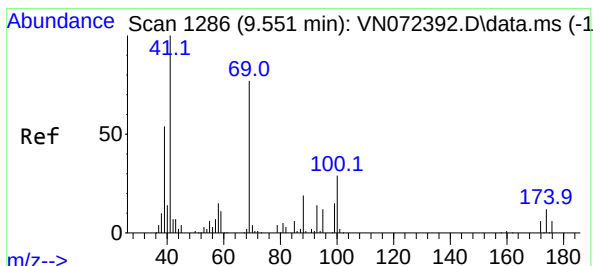
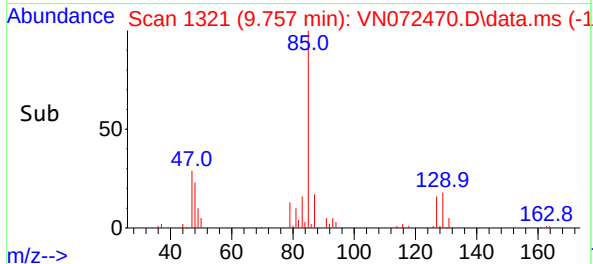
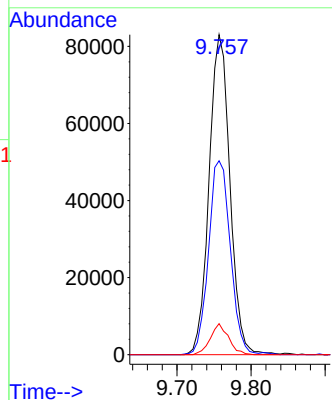
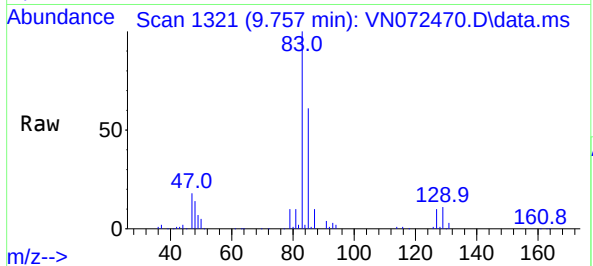
ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 16238
Ion Ratio Lower Upper
83 100
85 60.6 50.5 75.7
127 9.7 6.8 10.2

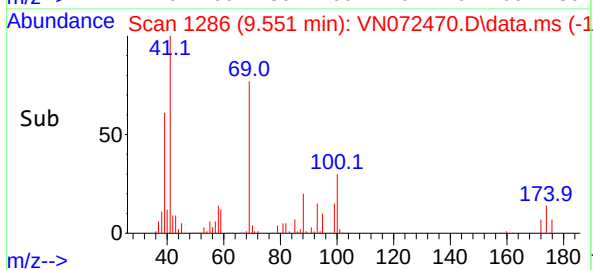
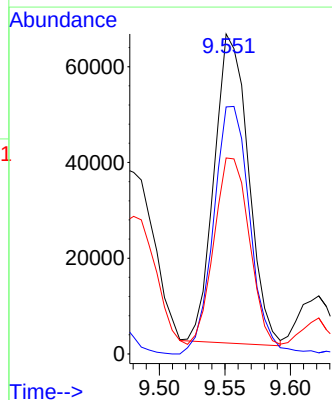
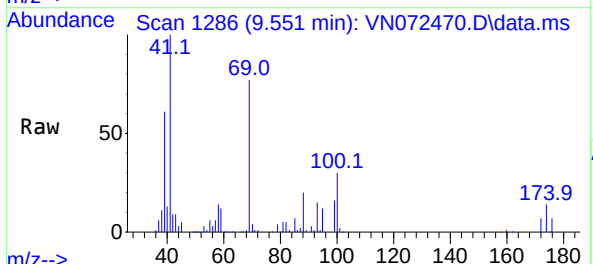
Manual Integrations
APPROVED

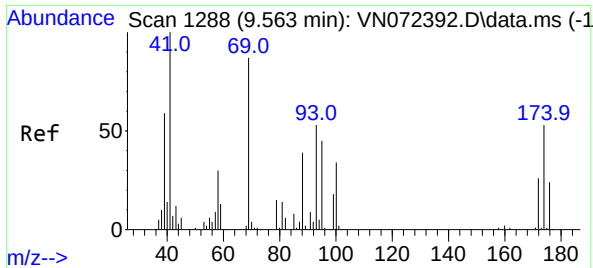
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#48
Methyl methacrylate
Concen: 53.817 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion: 41 Resp: 117038
Ion Ratio Lower Upper
41 100
69 85.7 74.7 112.1
39 68.2 45.6 68.4





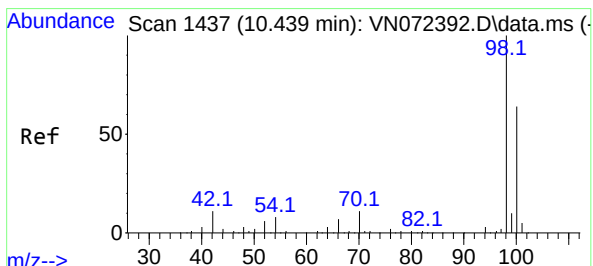
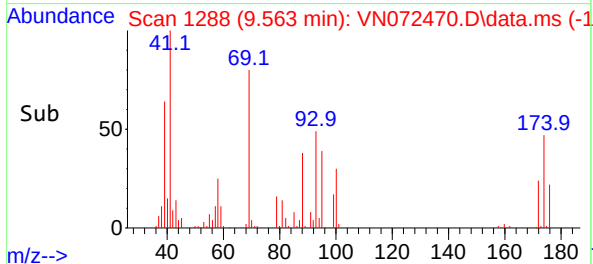
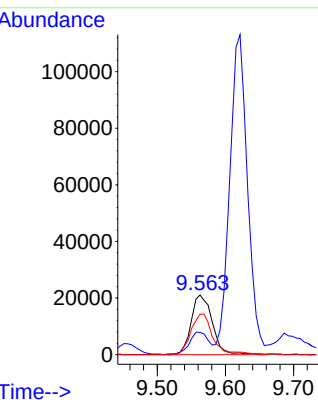
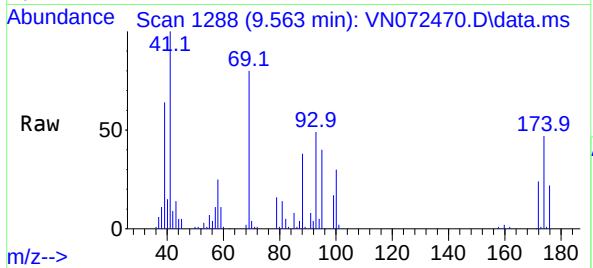
#49
1,4-Dioxane
Concen: 1229.331 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 45608
Ion Ratio Lower Upper
88 100
43 34.1 20.2 30.4
58 70.1 54.2 81.4

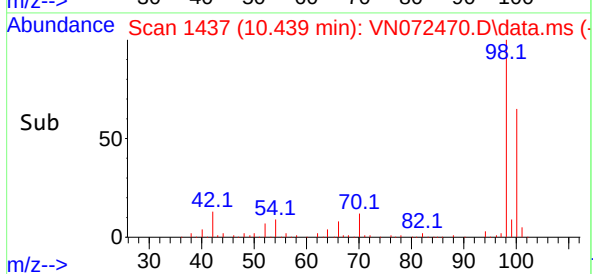
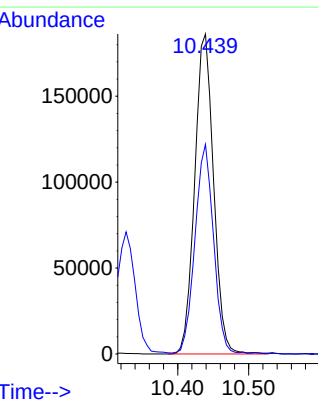
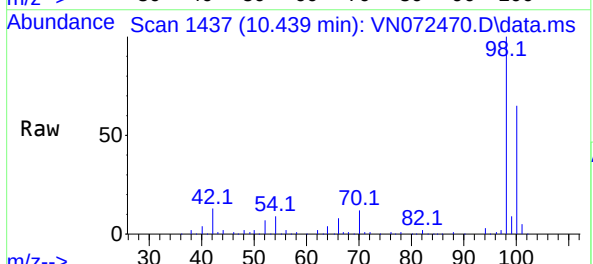
Manual Integrations
APPROVED

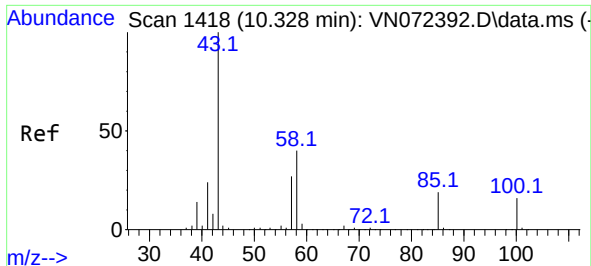
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#50
Toluene-d8
Concen: 51.322 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

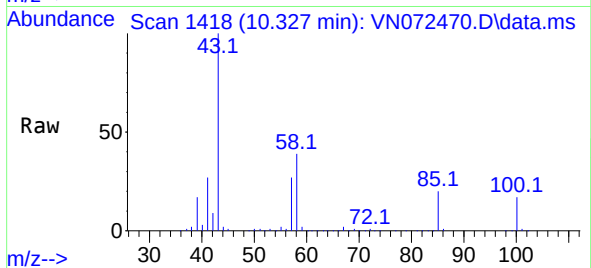
Tgt Ion: 98 Resp: 344208
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 273.179 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

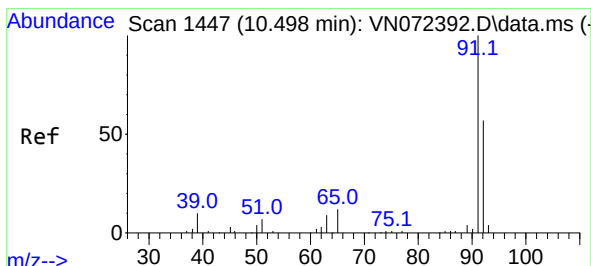
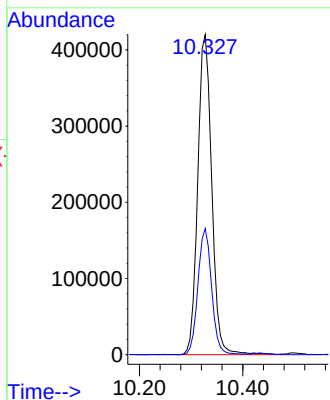
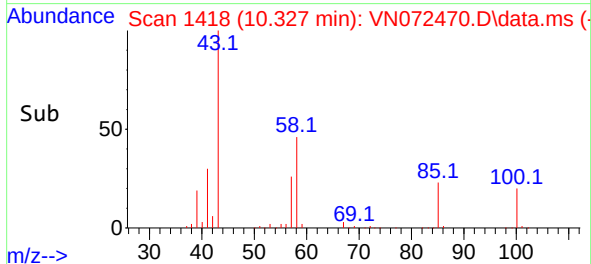
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



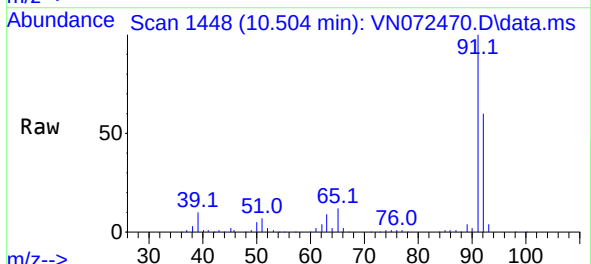
Tgt Ion: 43 Resp: 79068
Ion Ratio Lower Upper
43 100
58 38.5 34.1 51.1

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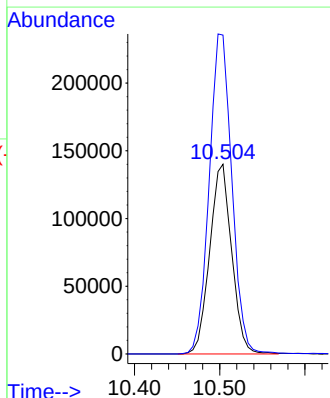
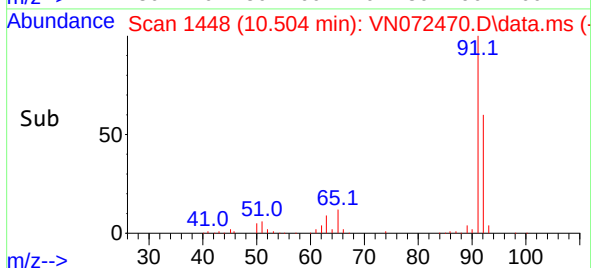
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

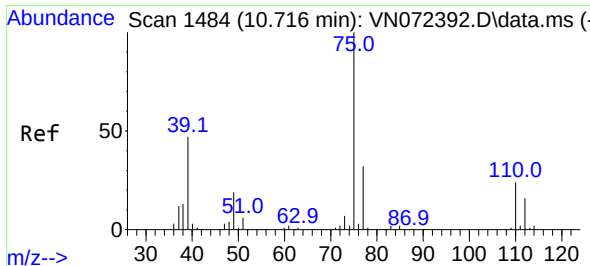


#52
Toluene
Concen: 53.901 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



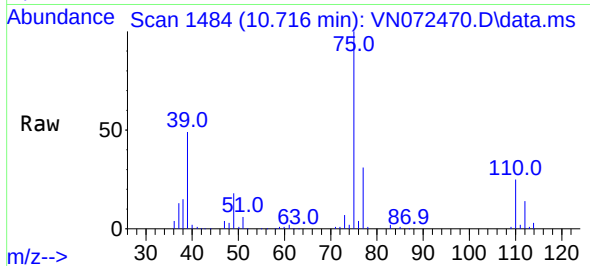
Tgt Ion: 92 Resp: 251128
Ion Ratio Lower Upper
92 100
91 173.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 61.388 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

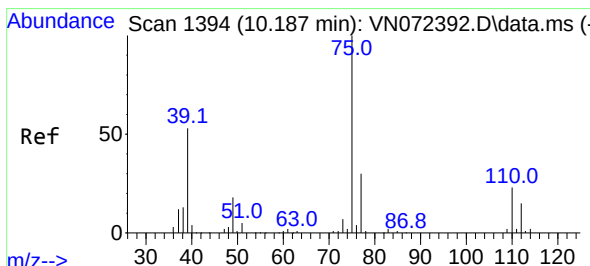
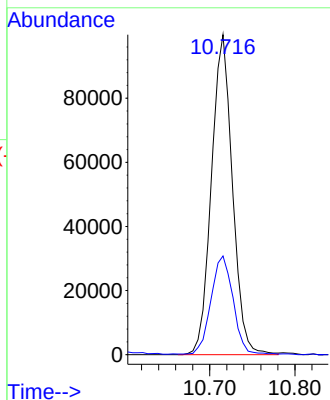
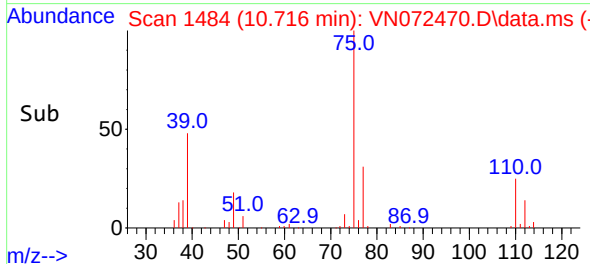
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



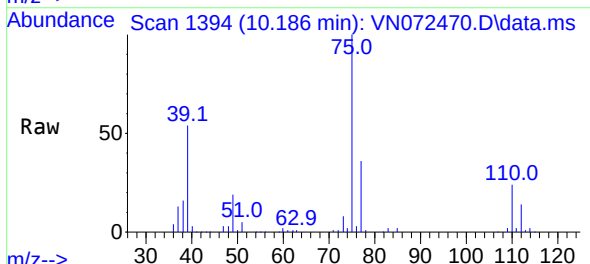
Tgt Ion: 75 Resp: 17115
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

Manual Integrations
APPROVED

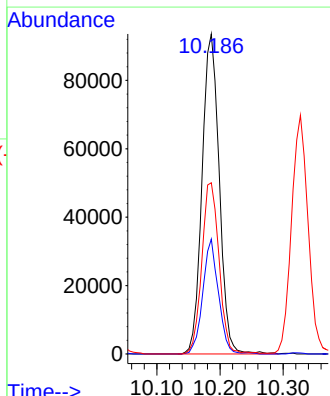
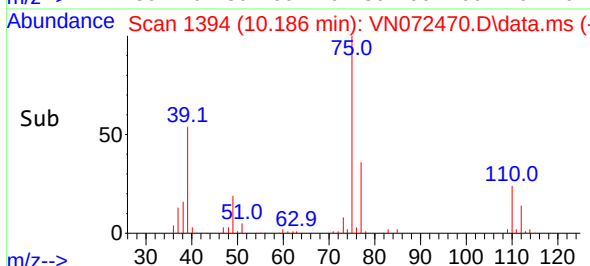
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

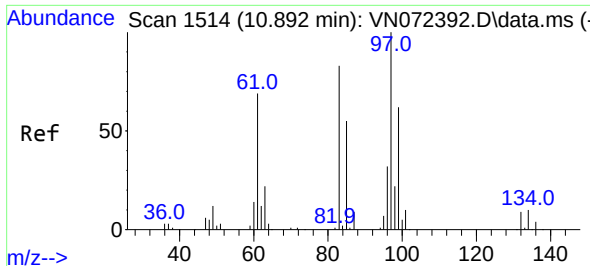


#54
cis-1,3-Dichloropropene
Concen: 59.389 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion: 75 Resp: 176664
Ion Ratio Lower Upper
75 100
77 35.9 25.2 37.8
39 53.5 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 54.647 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

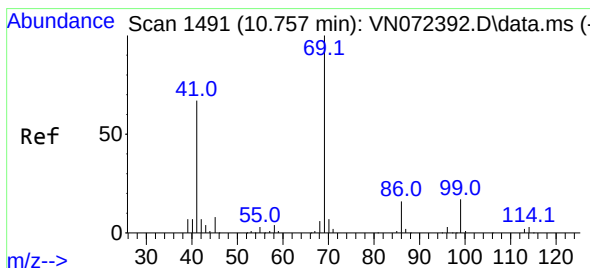
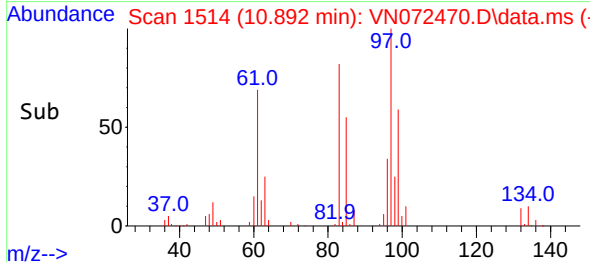
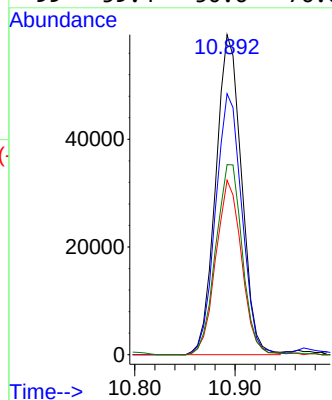
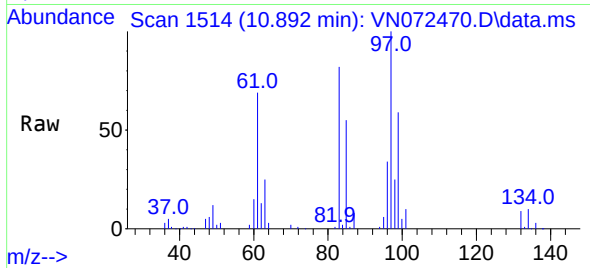
VSTDCCC050

Tgt Ion: 97 Resp: 106060
Ion Ratio Lower Upper
97 100
83 81.5 66.2 99.4
85 54.5 43.9 65.9
99 59.4 50.6 76.0

Manual Integrations

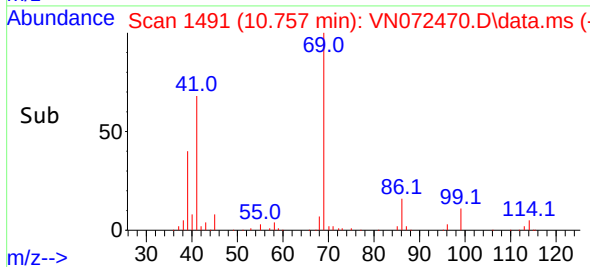
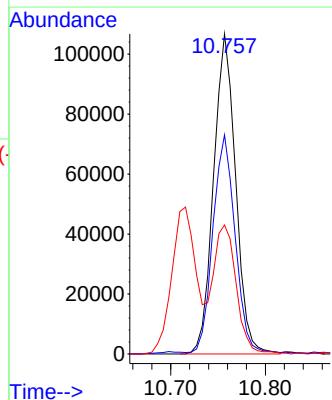
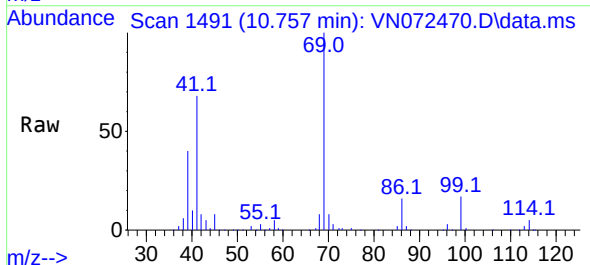
APPROVED

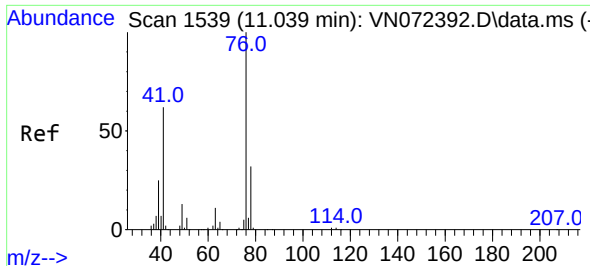
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#56
Ethyl methacrylate
Concen: 62.149 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

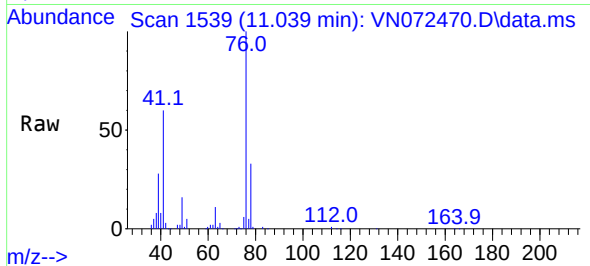
Tgt Ion: 69 Resp: 172882
Ion Ratio Lower Upper
69 100
41 68.6 47.8 71.6
39 43.5 27.3 40.9





#57
1,3-Dichloropropane
Concen: 56.625 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

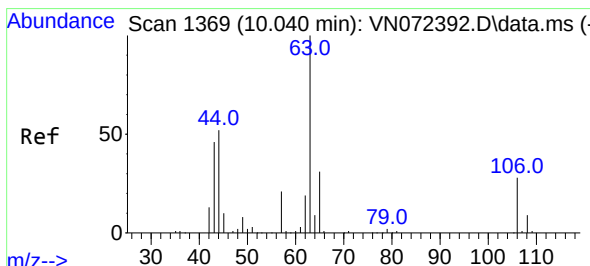
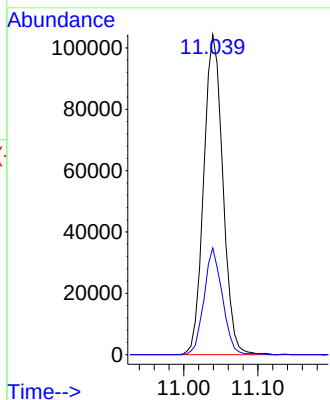
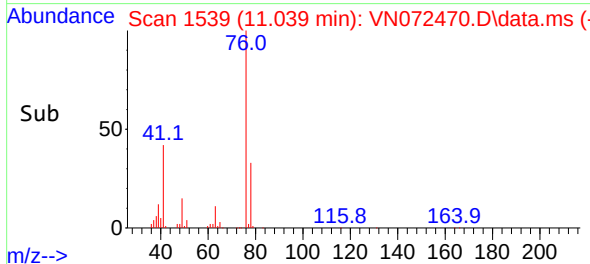
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



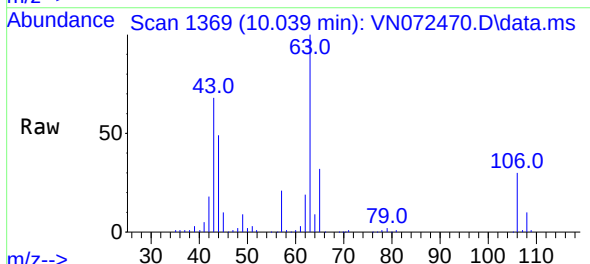
Tgt Ion: 76 Resp: 18715
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.2

Manual Integrations
APPROVED

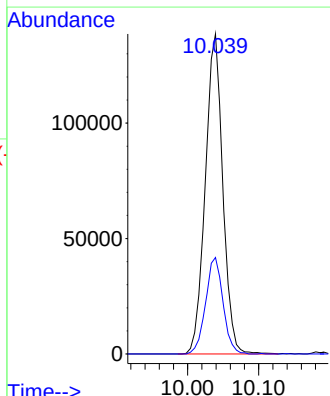
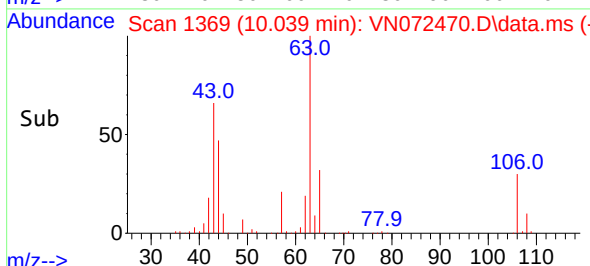
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

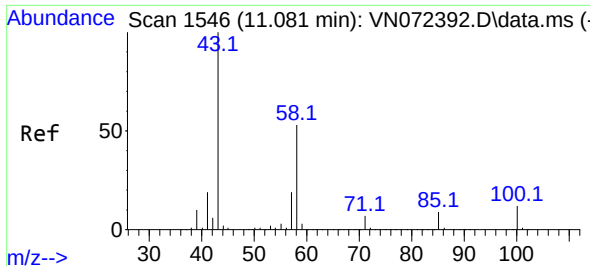


#58
2-Chloroethyl Vinyl ether
Concen: 311.167 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion: 63 Resp: 237418
Ion Ratio Lower Upper
63 100
106 29.9 24.6 36.8





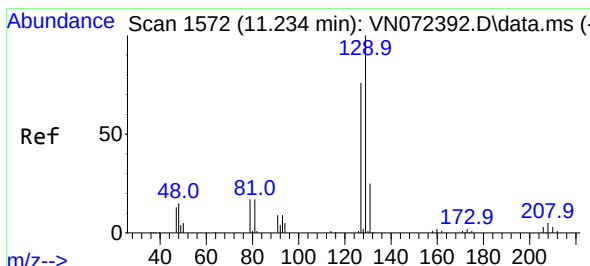
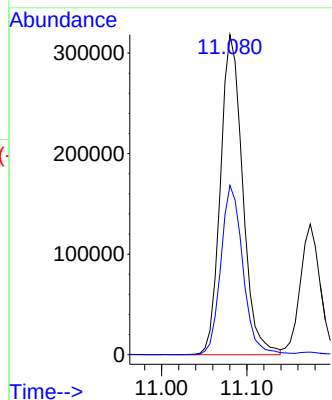
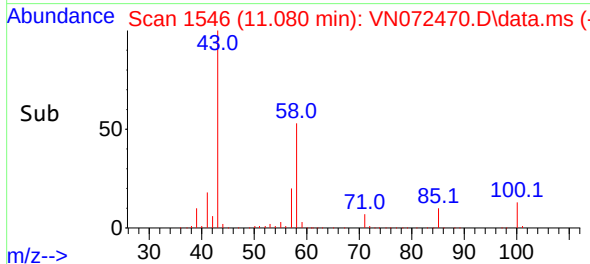
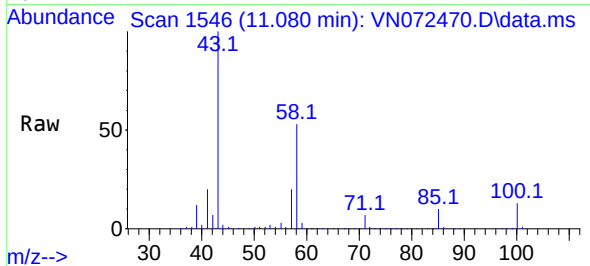
#59
2-Hexanone
Concen: 284.228 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 57683
Ion Ratio Lower Upper
43 100
58 52.6 29.7 89.1

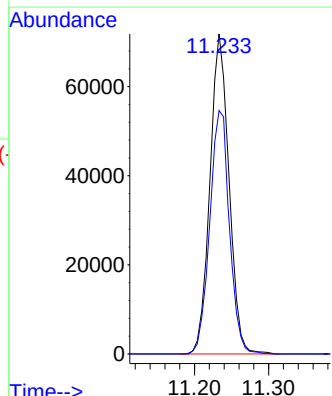
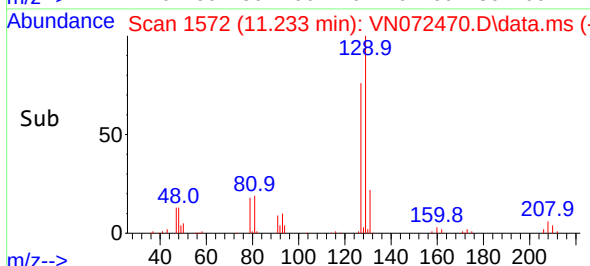
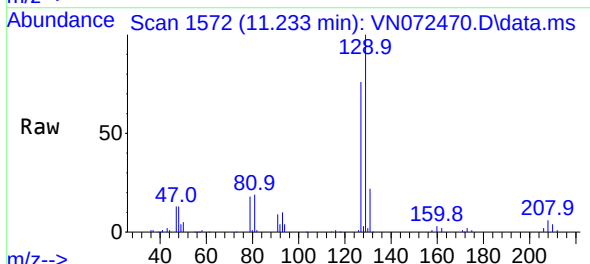
Manual Integrations
APPROVED

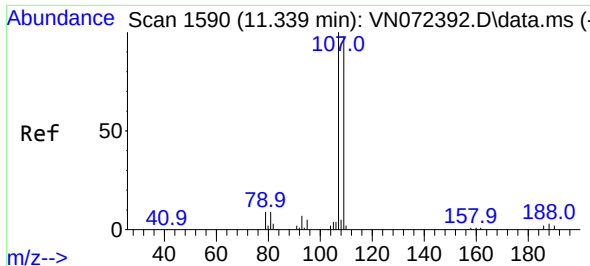
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#60
Dibromochloromethane
Concen: 62.254 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion:129 Resp: 128355
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





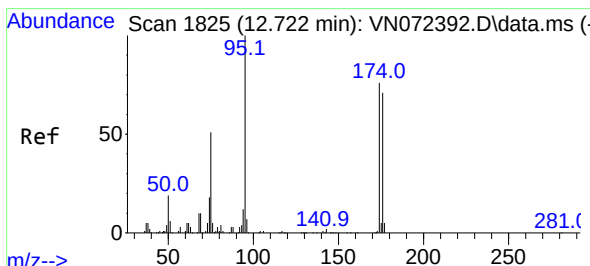
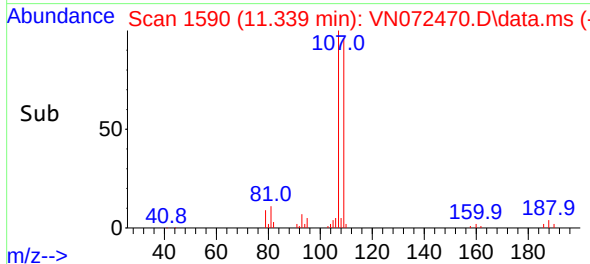
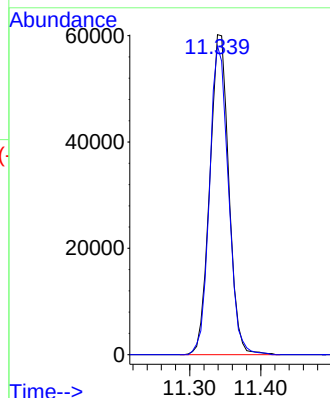
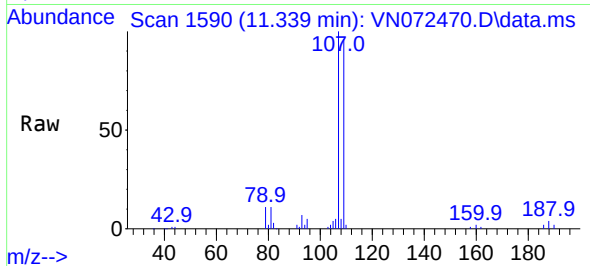
#61
1,2-Dibromoethane
Concen: 57.993 ug/l
RT: 11.339 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 112170
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.6

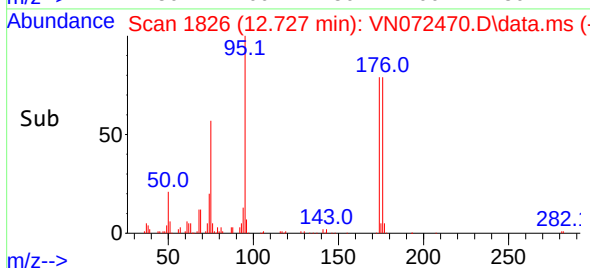
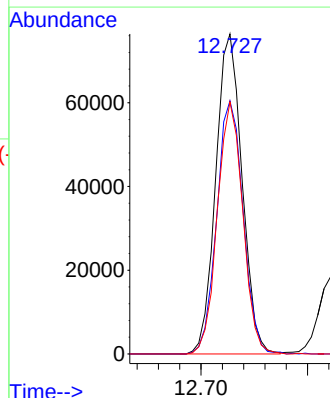
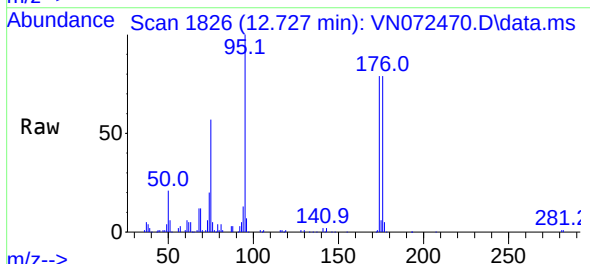
Manual Integrations
APPROVED

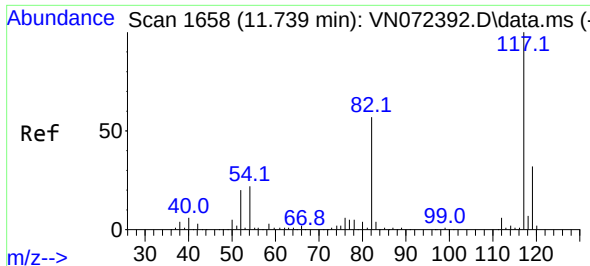
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#62
4-Bromofluorobenzene
Concen: 58.747 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

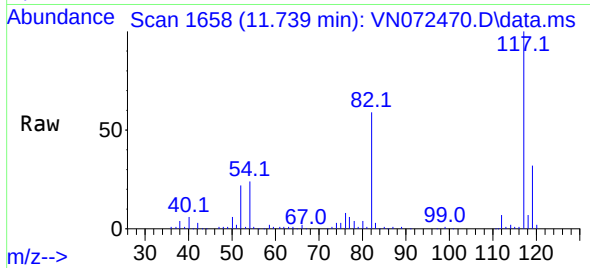
Tgt Ion: 95 Resp: 130851
Ion Ratio Lower Upper
95 100
174 79.5 0.0 167.6
176 76.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

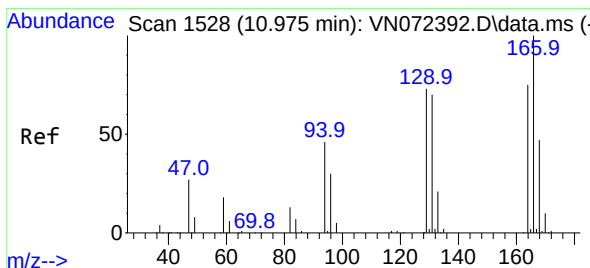
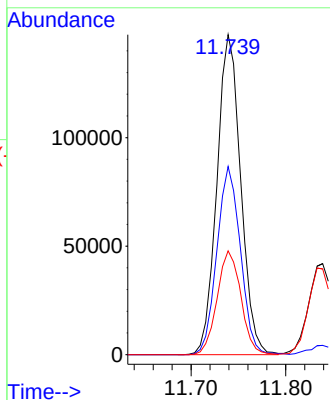
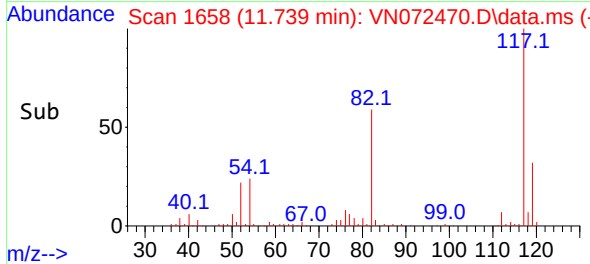
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



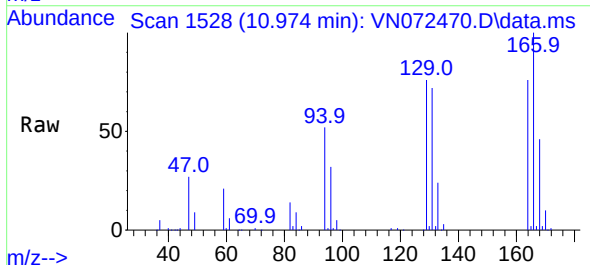
Tgt Ion:117 Resp: 25806
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
APPROVED

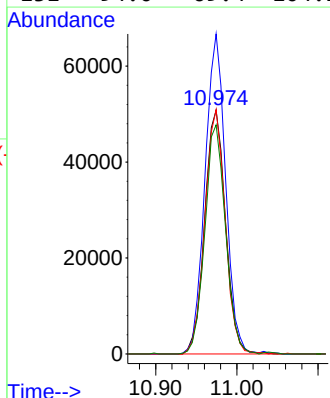
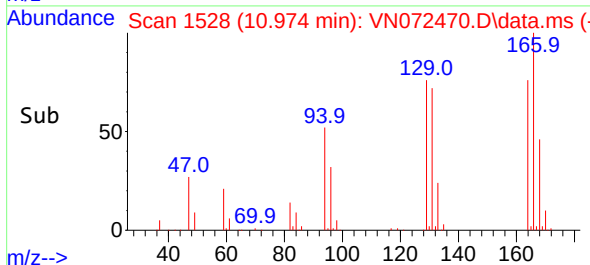
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

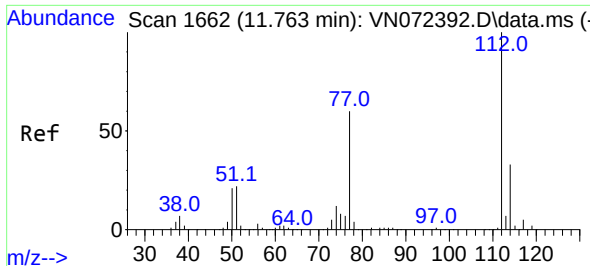


#64
Tetrachloroethene
Concen: 49.031 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



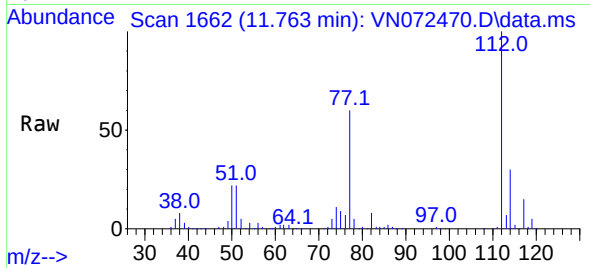
Tgt Ion:164 Resp: 91078
Ion Ratio Lower Upper
164 100
166 131.3 104.2 156.2
129 100.3 73.9 110.9
131 94.0 69.4 104.2





#65
Chlorobenzene
Concen: 52.200 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

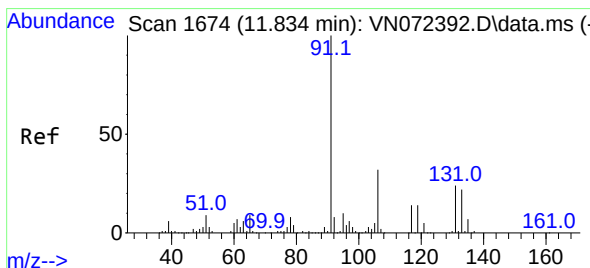
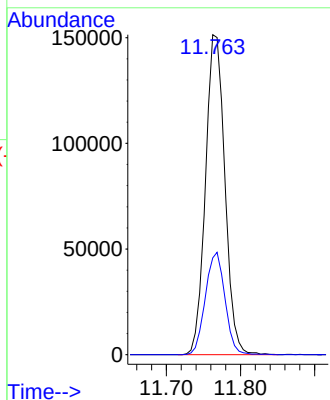
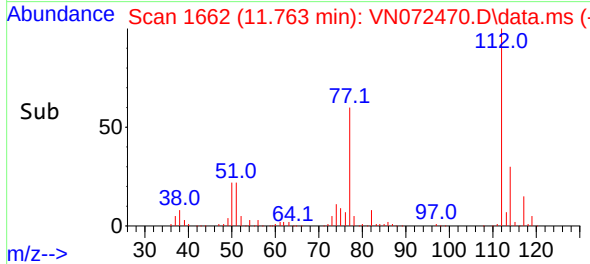
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



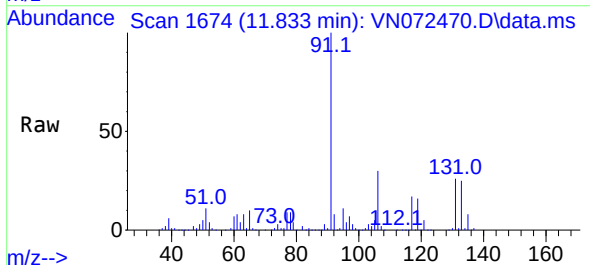
Tgt Ion:112 Resp: 275225
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.2

Manual Integrations
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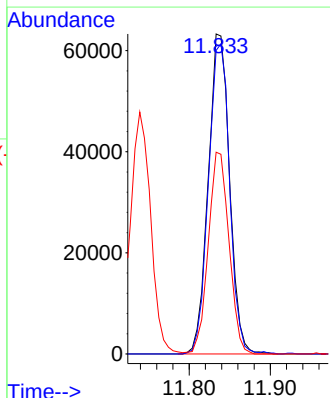
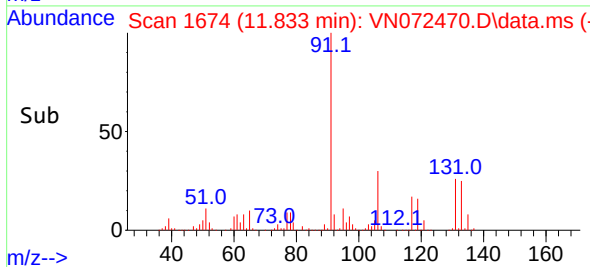
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

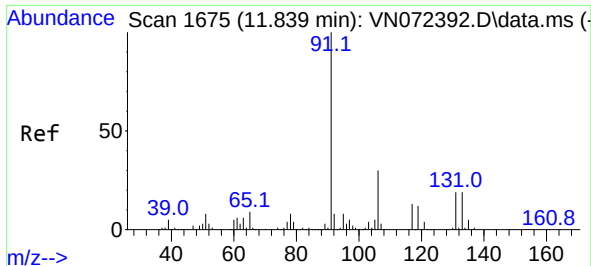


#66
1,1,1,2-Tetrachloroethane
Concen: 54.725 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion:131 Resp: 115489
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 61.2 33.4 100.2





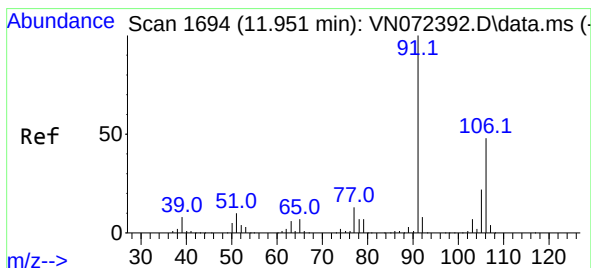
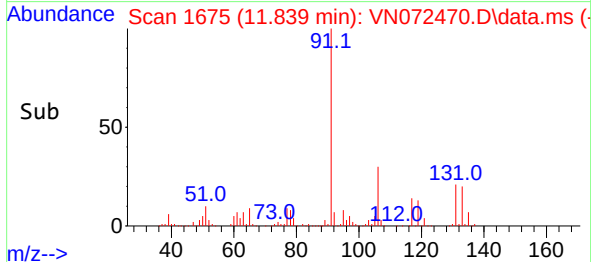
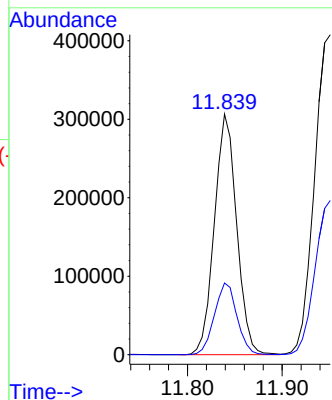
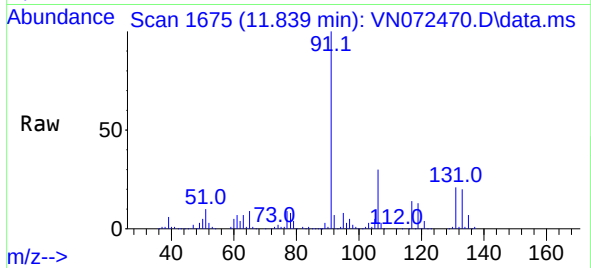
#67
Ethyl Benzene
Concen: 55.112 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 50136
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

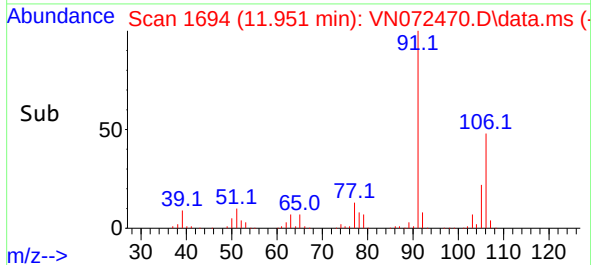
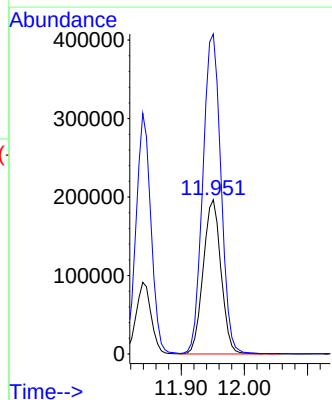
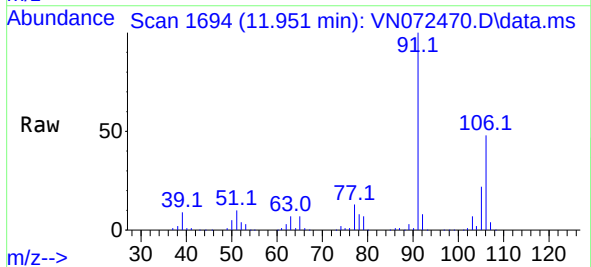
Manual Integrations
APPROVED

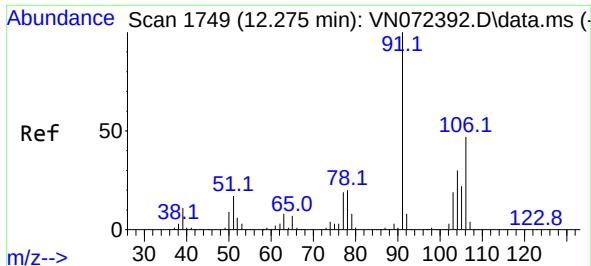
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#68
m/p-Xylenes
Concen: 111.568 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion:106 Resp: 384938
Ion Ratio Lower Upper
106 100
91 210.4 158.9 238.3





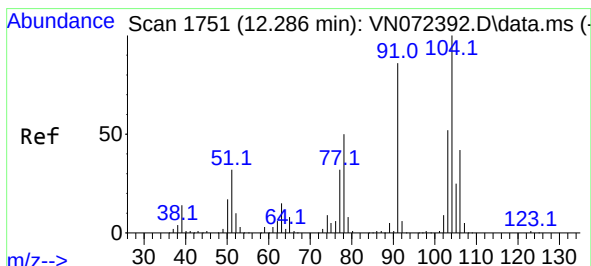
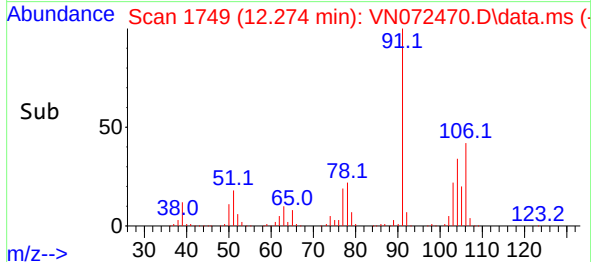
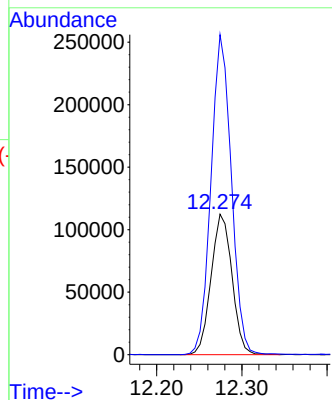
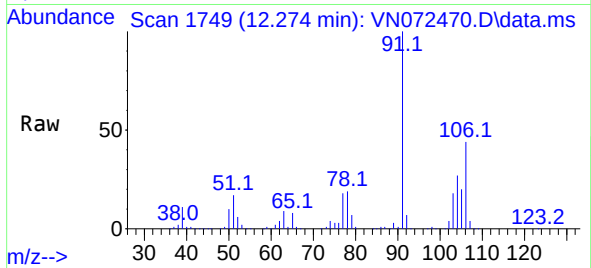
#69
o-Xylene
Concen: 56.610 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 191900
Ion Ratio Lower Upper
106 100
91 221.8 106.0 318.0

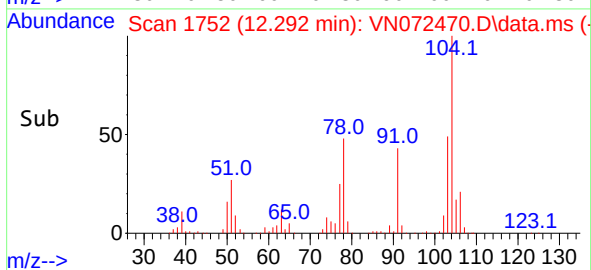
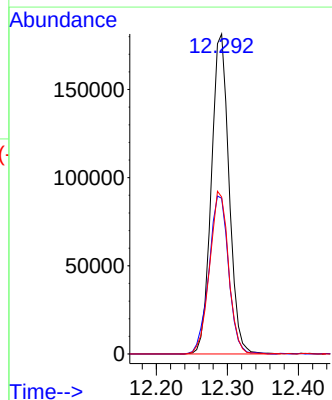
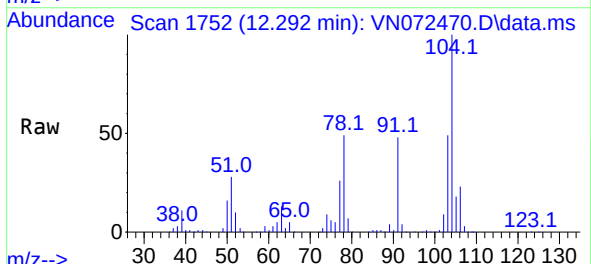
Manual Integrations
APPROVED

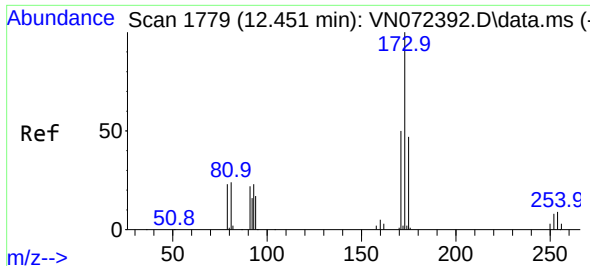
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#70
Styrene
Concen: 60.599 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

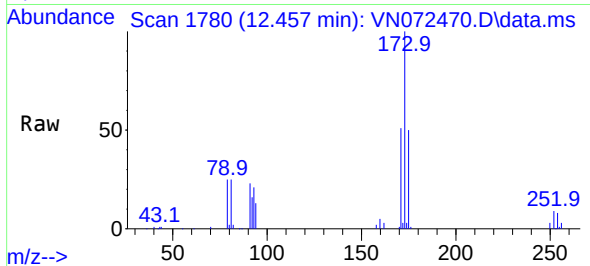
Tgt Ion:104 Resp: 314274
Ion Ratio Lower Upper
104 100
78 55.0 39.5 59.3
103 54.3 44.0 66.0





#71
Bromoform
Concen: 60.065 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

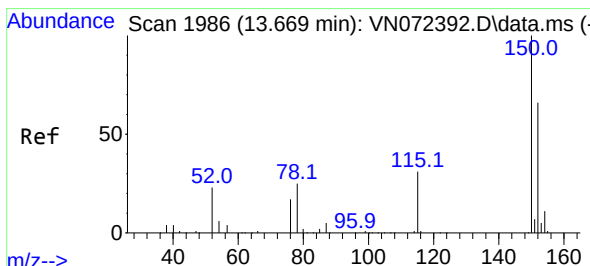
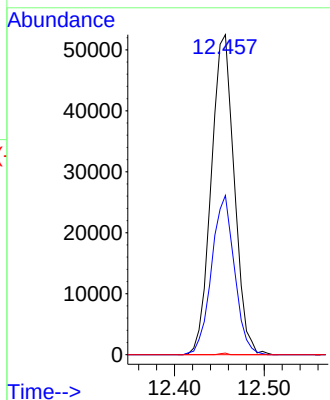
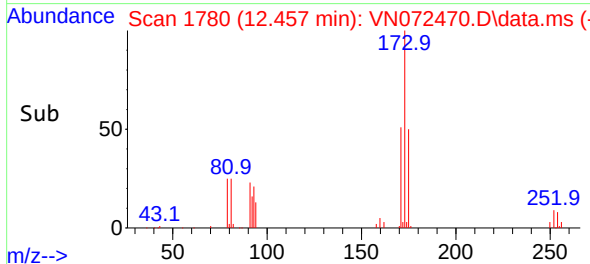
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



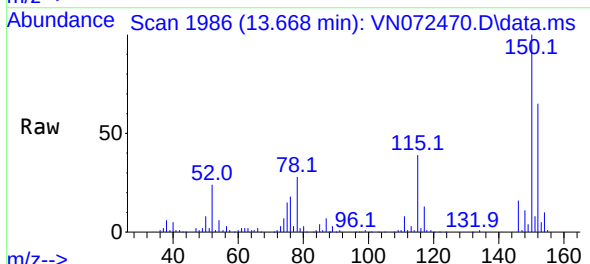
Tgt Ion:173 Resp: 93504
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

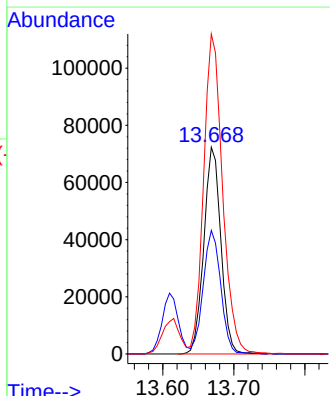
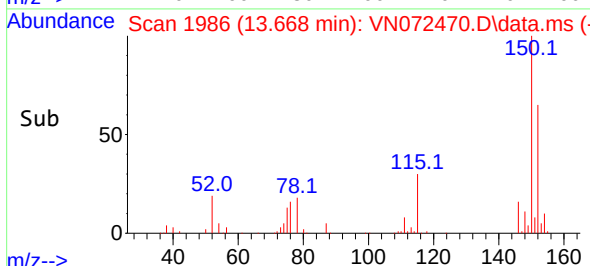
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

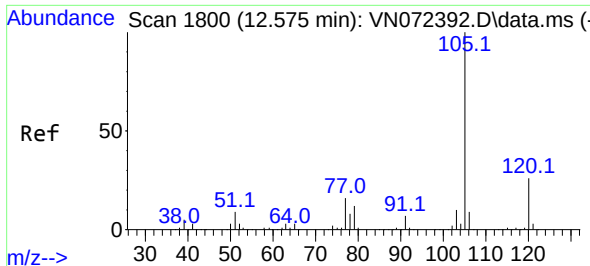


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion:152 Resp: 121109
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 171.1 0.0 356.2





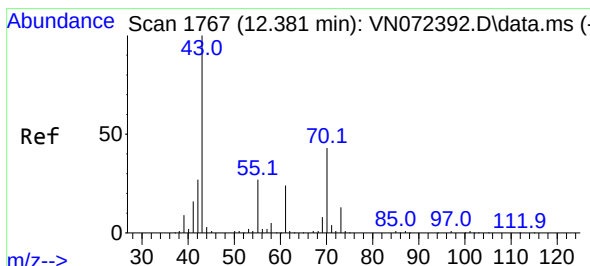
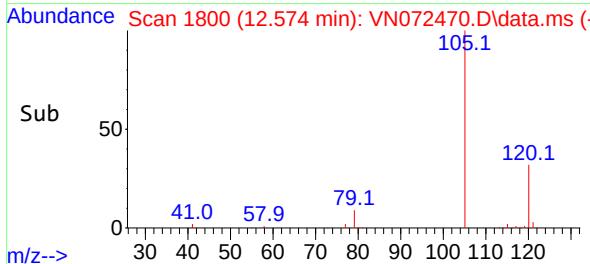
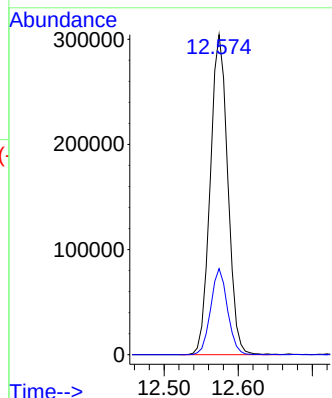
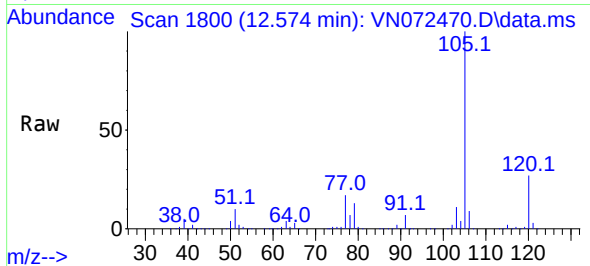
#73
Isopropylbenzene
Concen: 49.849 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 50012
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.4

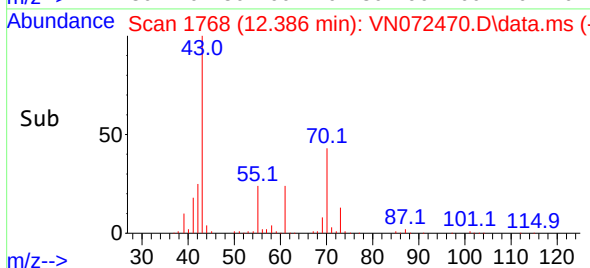
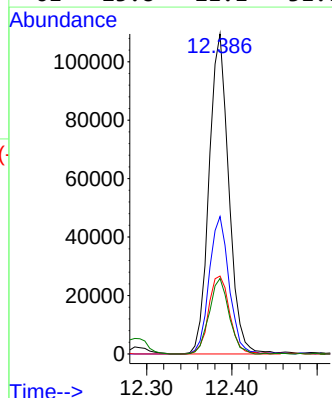
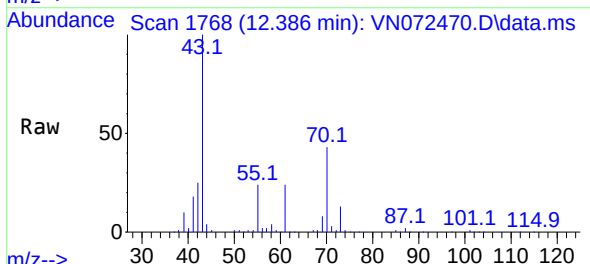
Manual Integrations
APPROVED

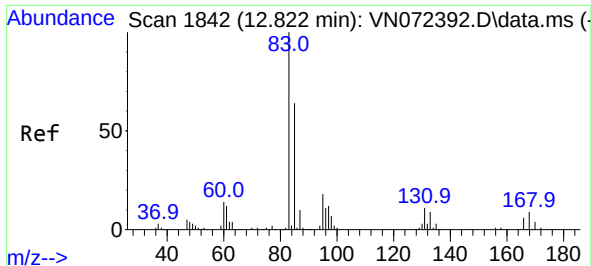
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#74
N-ethyl acetate
Concen: 49.647 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.005 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion: 43 Resp: 176064
Ion Ratio Lower Upper
43 100
70 43.4 39.0 58.4
55 26.0 21.1 31.7
61 23.8 21.1 31.7





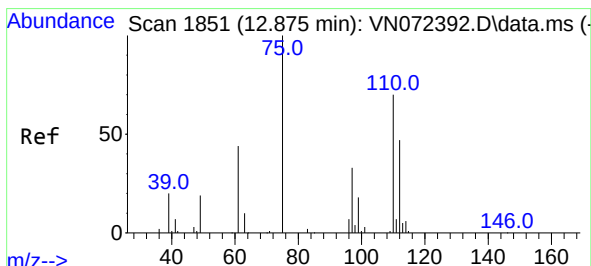
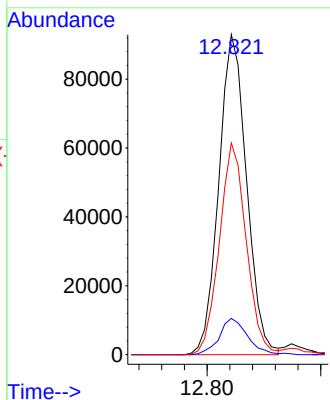
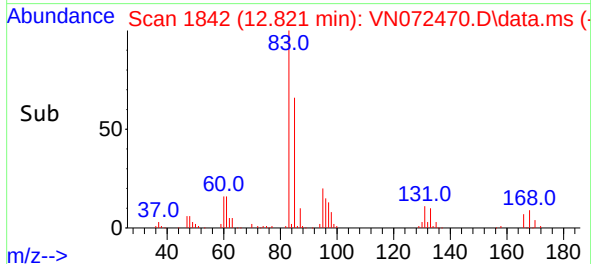
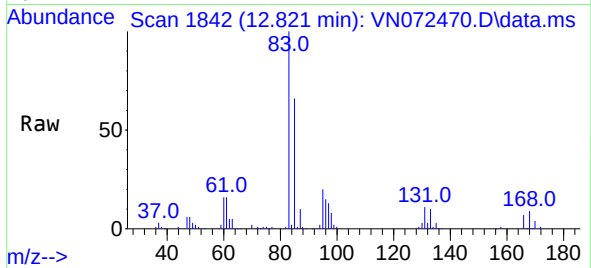
#75
1,1,2,2-Tetrachloroethane
Concen: 43.324 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 15780
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.9
85 63.9 32.3 96.9

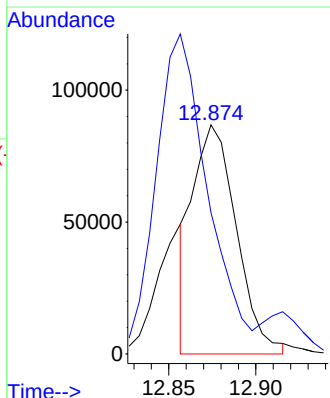
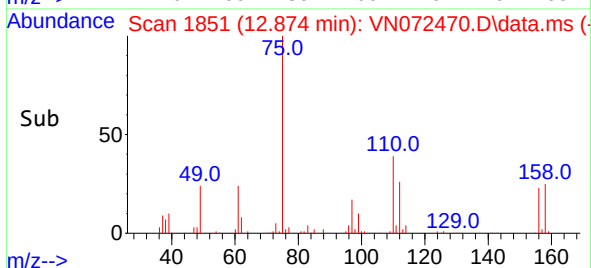
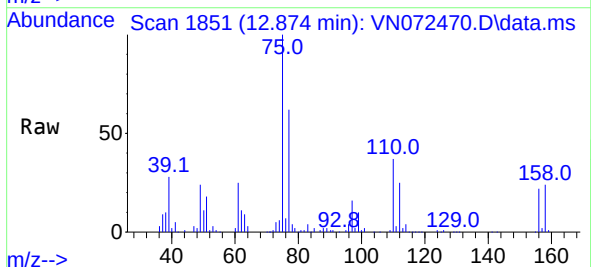
Manual Integrations
APPROVED

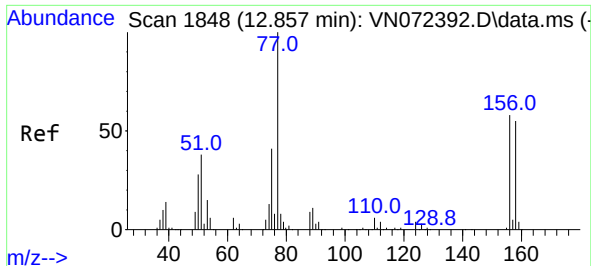
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#76
1,2,3-Trichloropropane
Concen: 47.797 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

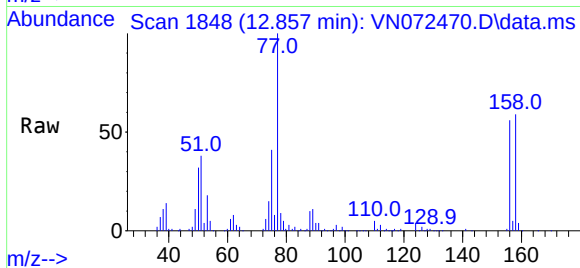
Tgt Ion: 75 Resp: 150980
Ion Ratio Lower Upper
75 100
77 166.0 98.5 295.5





#77
Bromobenzene
Concen: 50.127 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

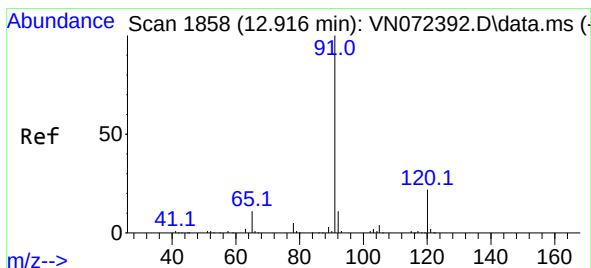
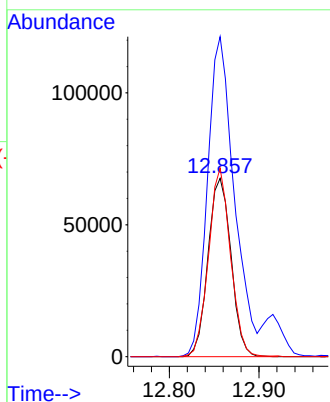
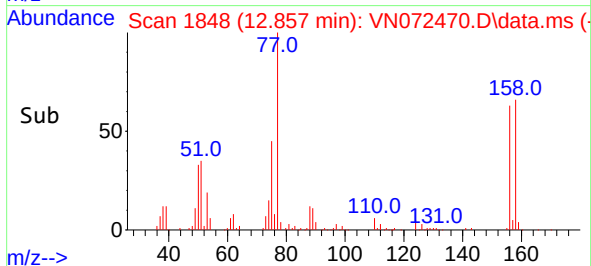
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



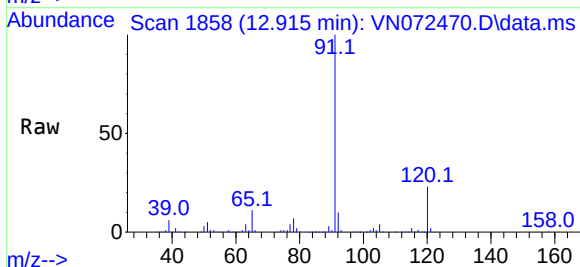
Tgt Ion:156 Resp: 12032
Ion Ratio Lower Upper
156 100
77 208.3 100.5 301.5
158 101.2 48.9 146.6

Manual Integrations
APPROVED

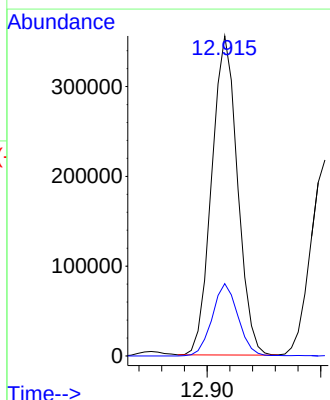
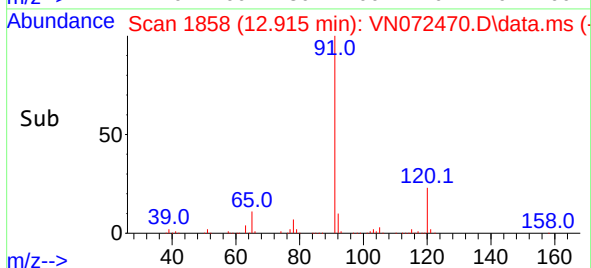
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

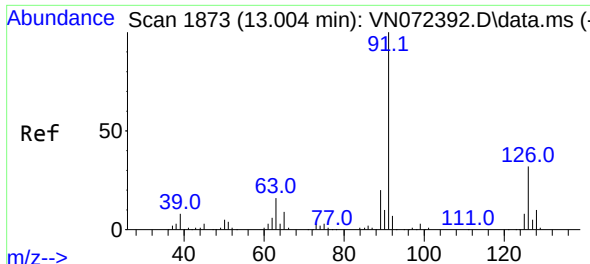


#78
n-propylbenzene
Concen: 52.250 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion: 91 Resp: 560953
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





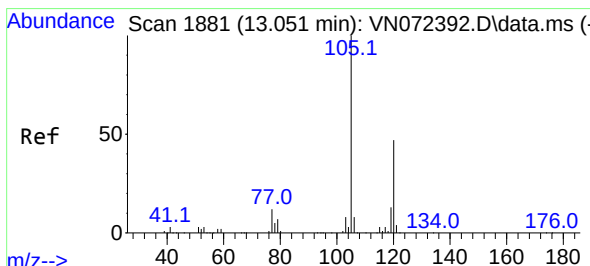
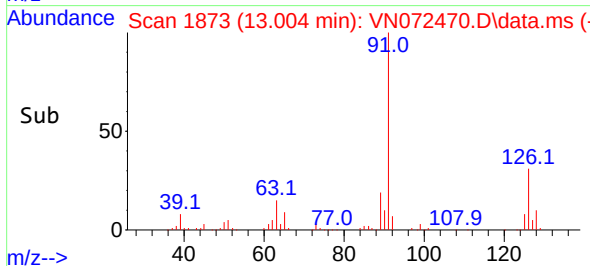
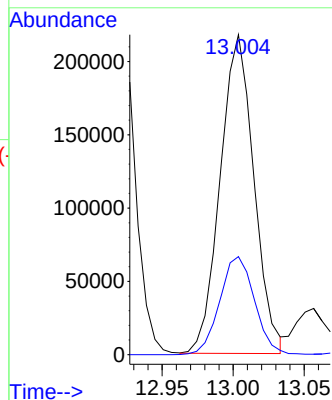
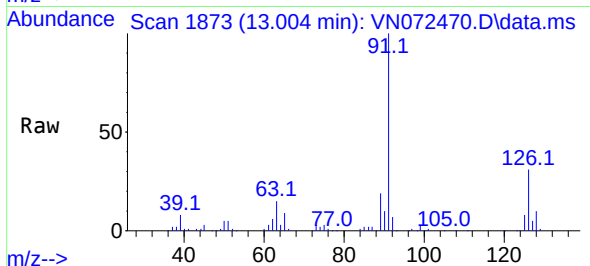
#79
2-Chlorotoluene
Concen: 50.938 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 35926
Ion Ratio Lower Upper
91 100
126 31.8 17.3 51.9

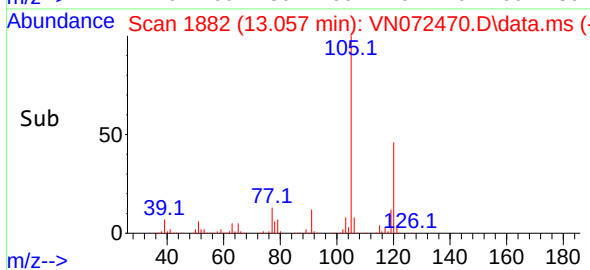
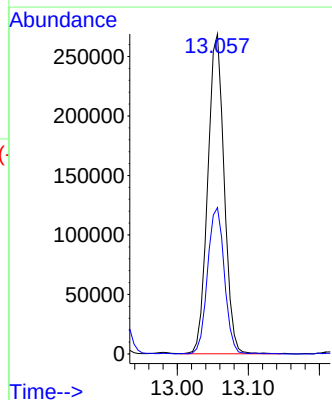
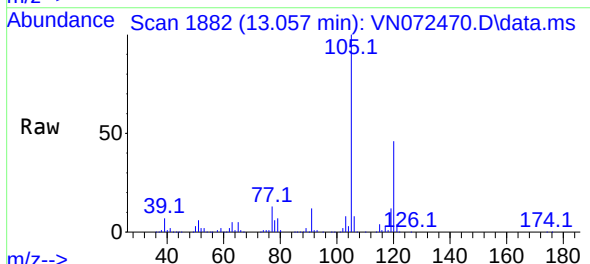
Manual Integrations
APPROVED

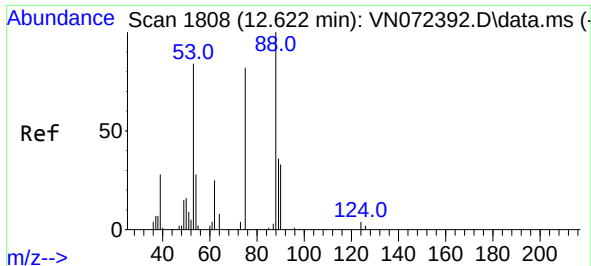
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.455 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion:105 Resp: 431021
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.7





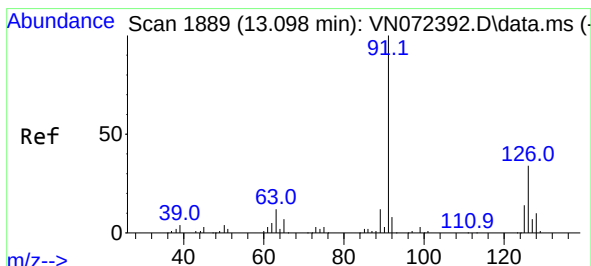
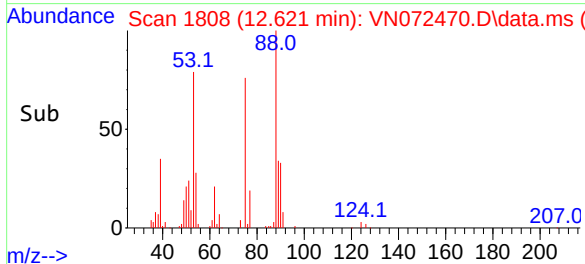
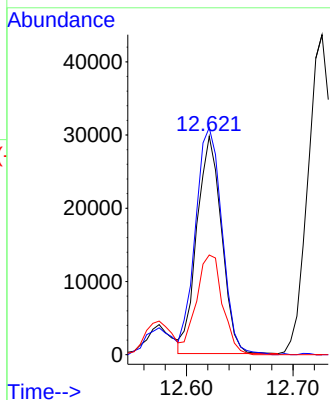
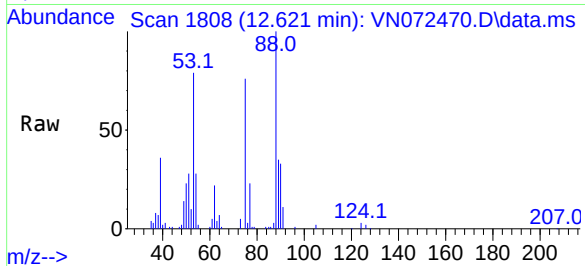
#81
trans-1,4-Dichloro-2-butene
Concen: 50.499 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 47810
Ion Ratio Lower Upper
75 100
53 112.8 78.0 117.0
89 49.2 37.2 55.8

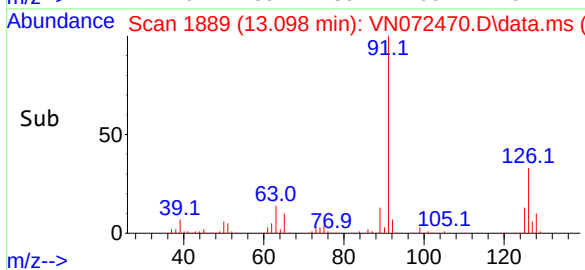
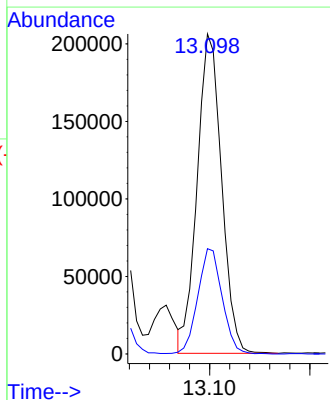
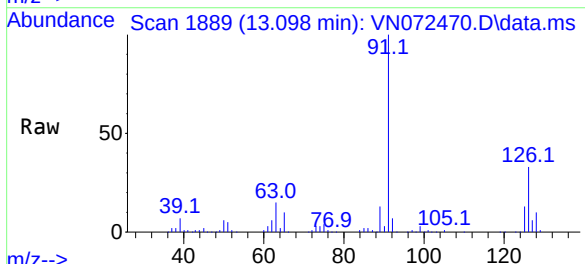
Manual Integrations
APPROVED

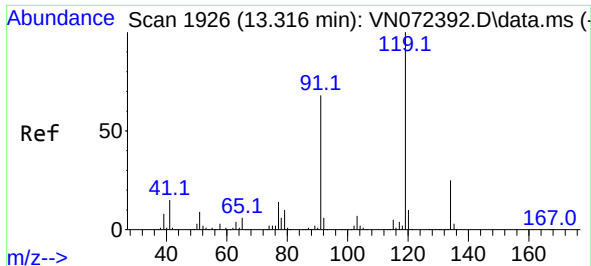
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#82
4-Chlorotoluene
Concen: 52.096 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

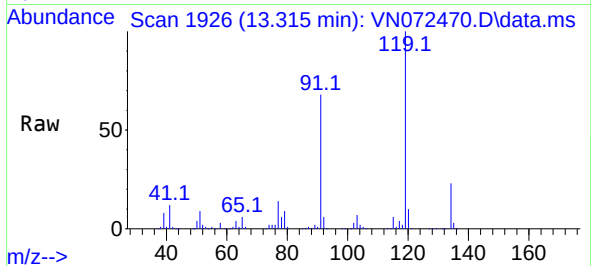
Tgt Ion: 91 Resp: 348211
Ion Ratio Lower Upper
91 100
126 33.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.484 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

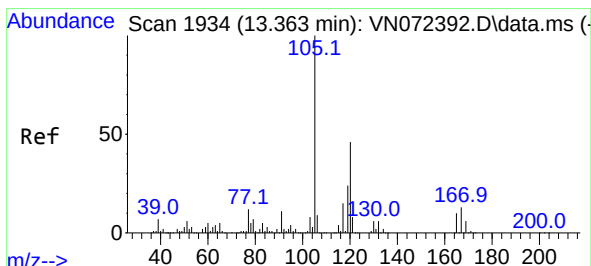
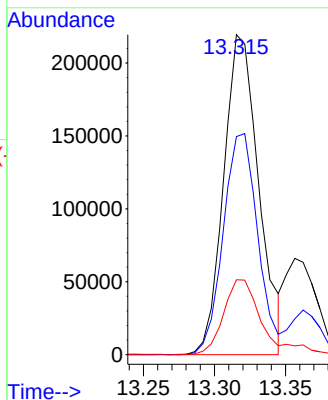
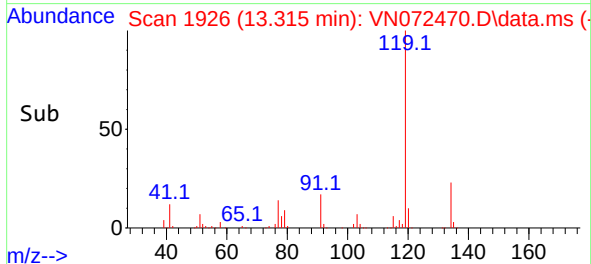
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



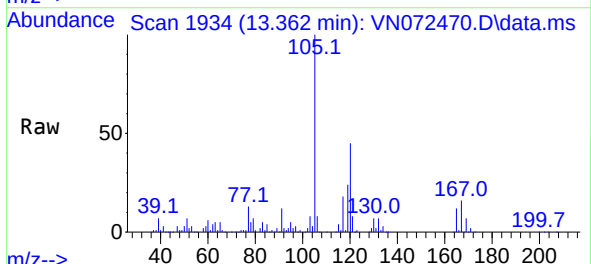
Tgt Ion:119 Resp: 377549
Ion Ratio Lower Upper
119 100
91 67.8 31.6 94.8
134 25.8 13.7 41.1

Manual Integrations
APPROVED

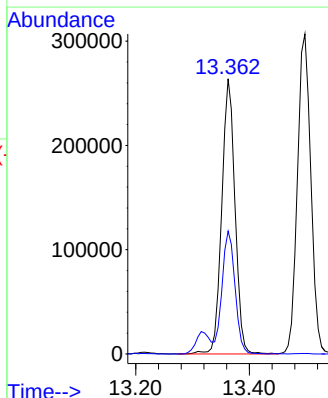
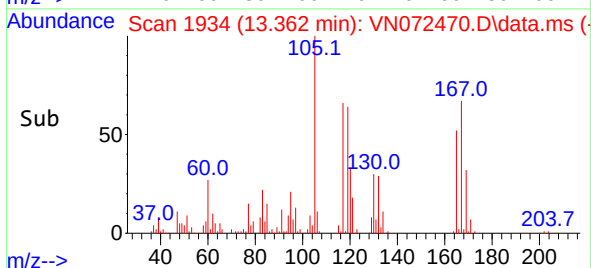
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

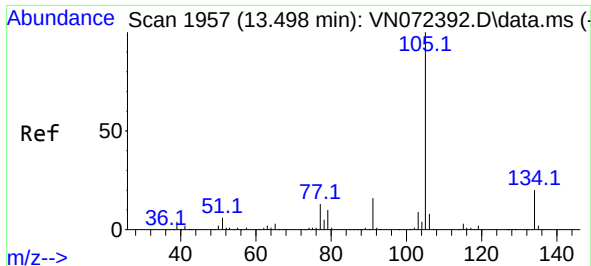


#84
1,2,4-Trimethylbenzene
Concen: 53.721 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



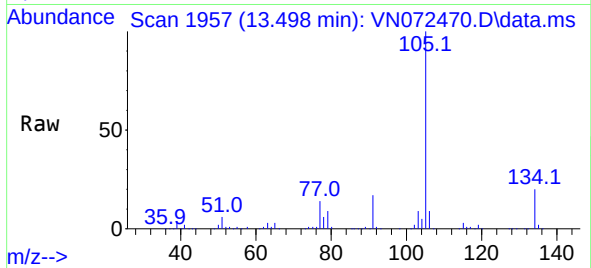
Tgt Ion:105 Resp: 429412
Ion Ratio Lower Upper
105 100
120 44.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.241 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072470.D
 Acq: 13 May 2022 11:50

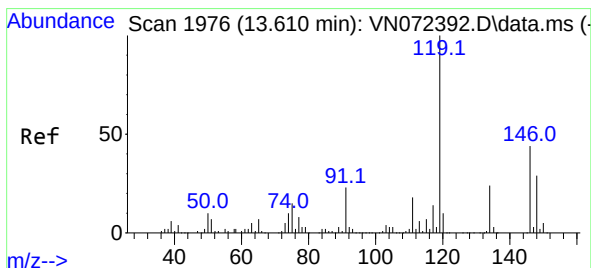
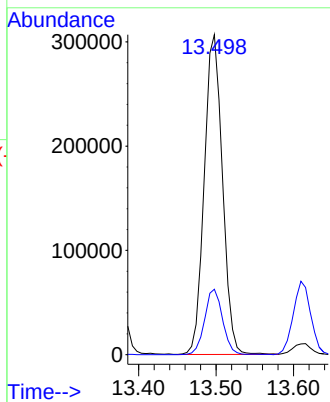
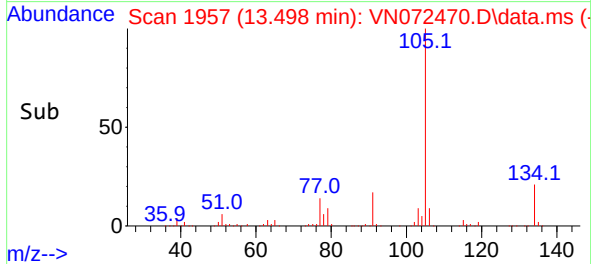
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



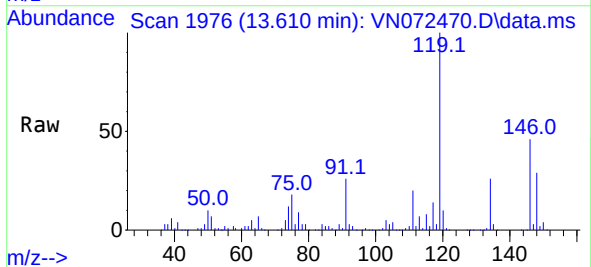
Tgt Ion:105 Resp: 501170
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

Manual Integrations
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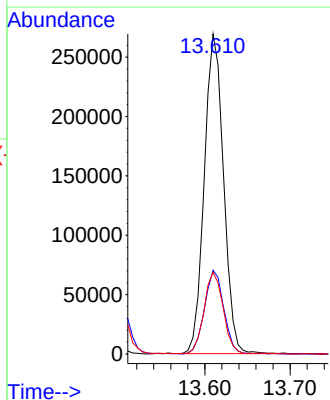
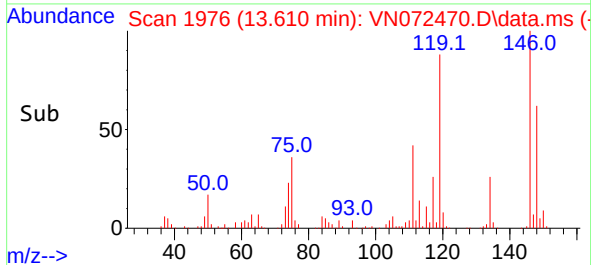
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

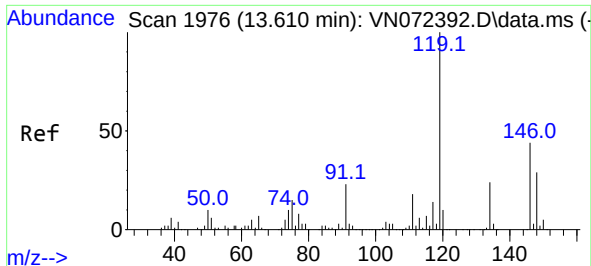


#86
 p-Isopropyltoluene
 Concen: 56.592 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072470.D
 Acq: 13 May 2022 11:50



Tgt Ion:119 Resp: 422909
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 25.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.846 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 214628

Ion Ratio Lower Upper

146 100

111 41.5 20.0 60.0

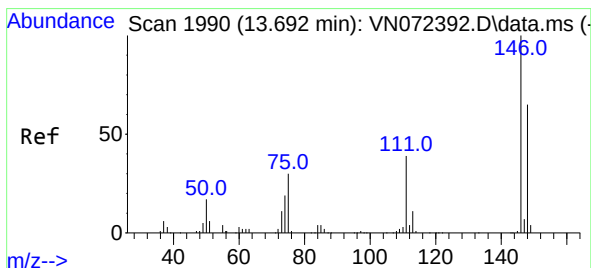
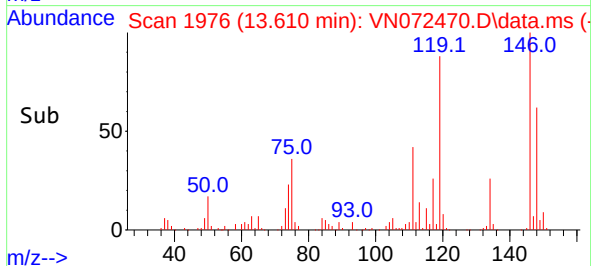
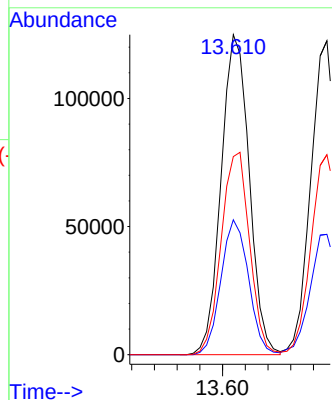
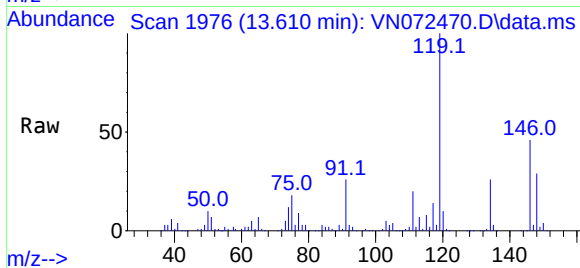
148 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#88

1,4-Dichlorobenzene

Concen: 50.109 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN072470.D

Acq: 13 May 2022 11:50

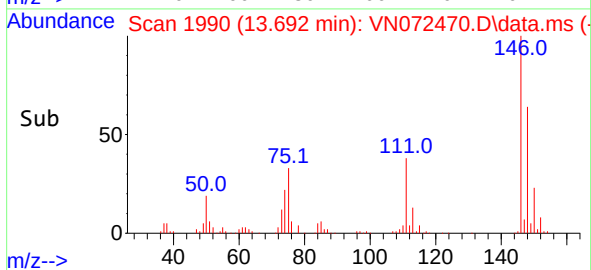
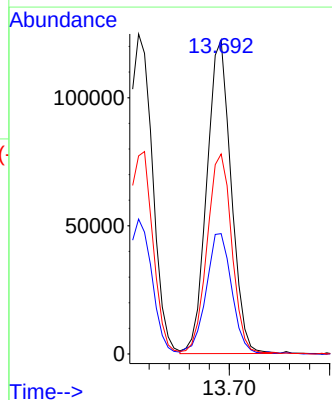
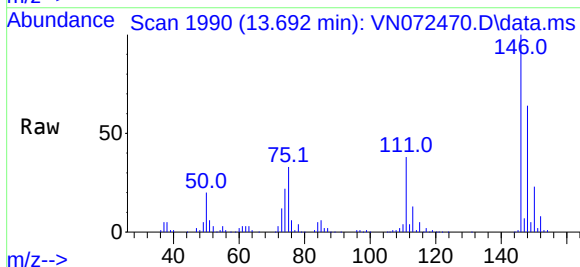
Tgt Ion:146 Resp: 206365

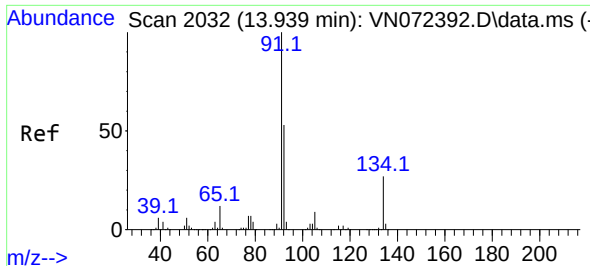
Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.1

148 65.5 31.4 94.3





#89
n-Butylbenzene
Concen: 56.337 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

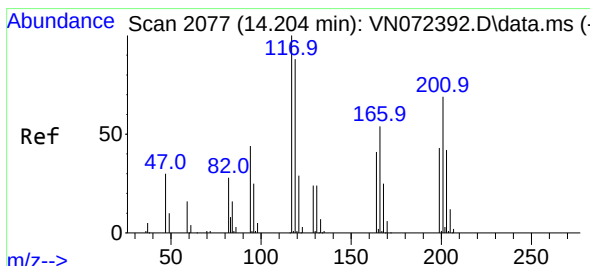
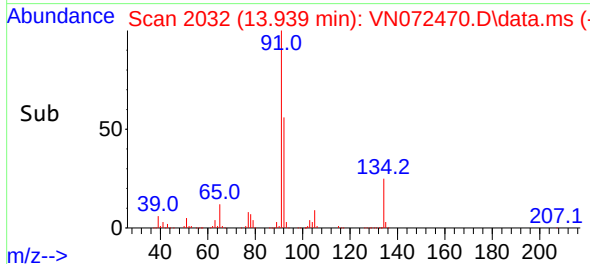
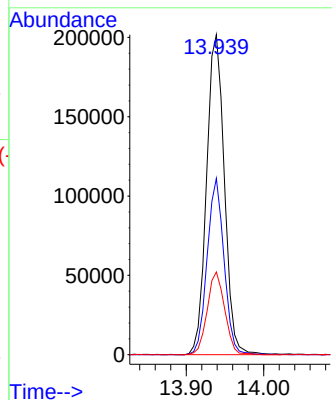
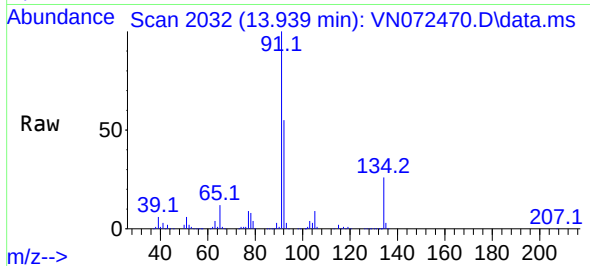
VSTDCCC050

Tgt Ion: 91 Resp: 32181
Ion Ratio Lower Upper
91 100
92 52.2 26.9 80.7
134 25.5 13.6 40.8

Manual Integrations

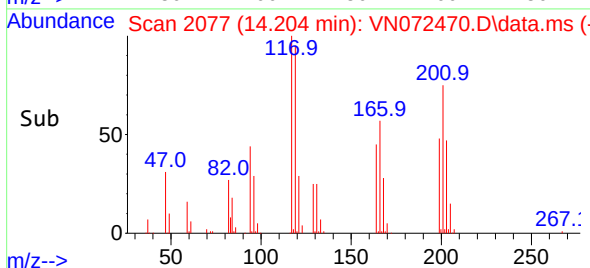
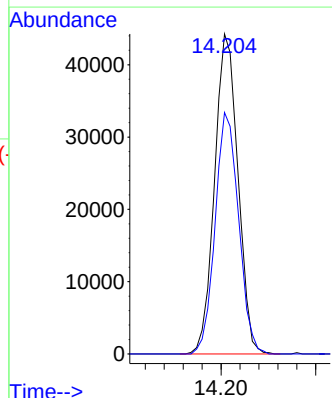
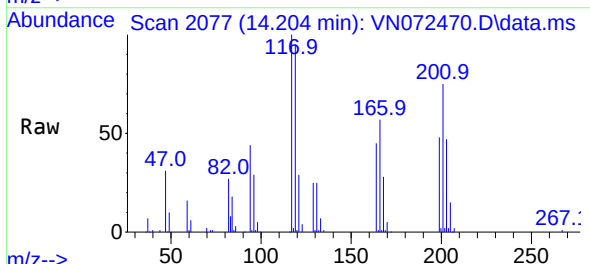
APPROVED

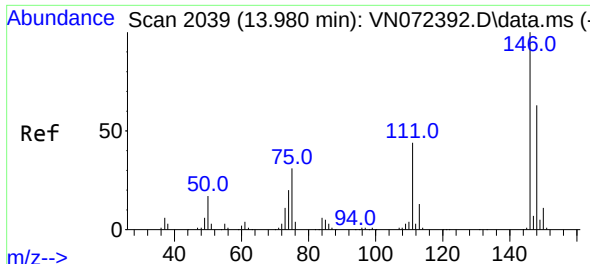
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#90
Hexachloroethane
Concen: 50.745 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Tgt Ion:117 Resp: 75779
Ion Ratio Lower Upper
117 100
201 75.9 40.6 122.0





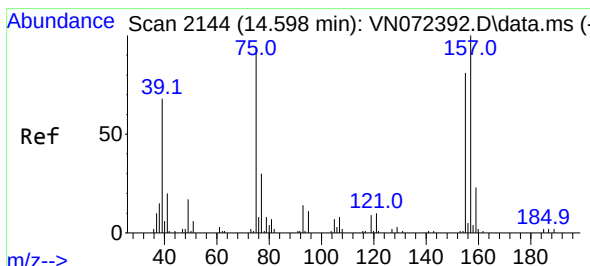
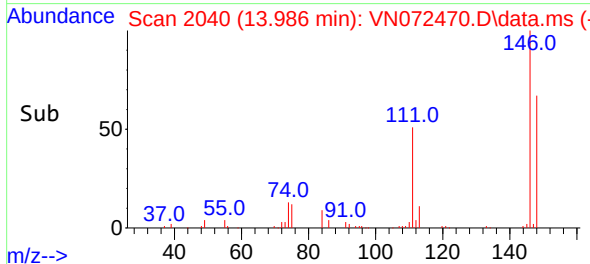
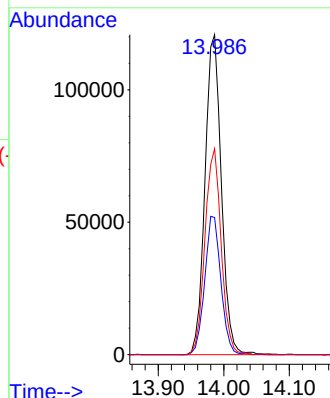
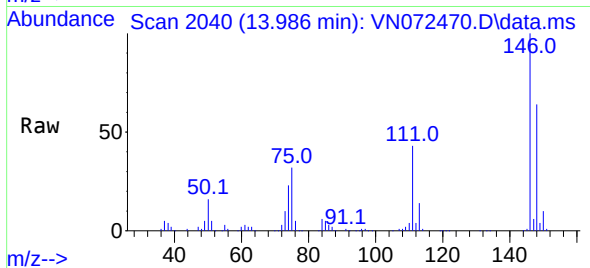
#91
1,2-Dichlorobenzene
Concen: 50.833 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 21016
Ion Ratio Lower Upper
146 100
111 42.7 20.9 62.8
148 63.9 32.1 96.3

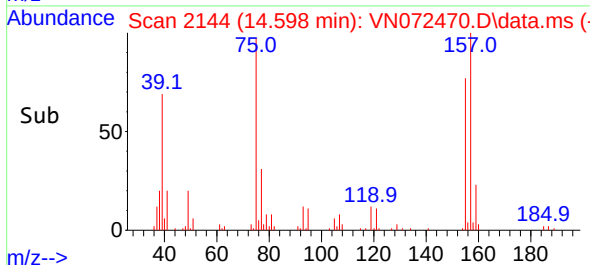
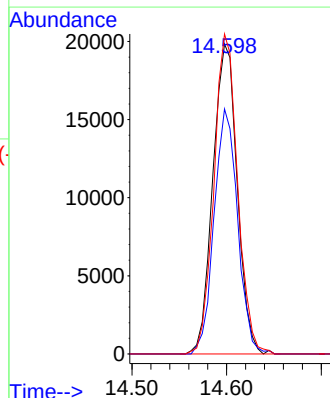
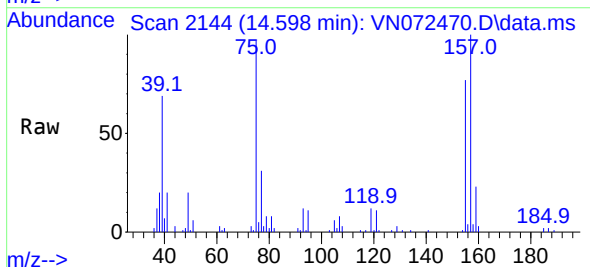
Manual Integrations
APPROVED

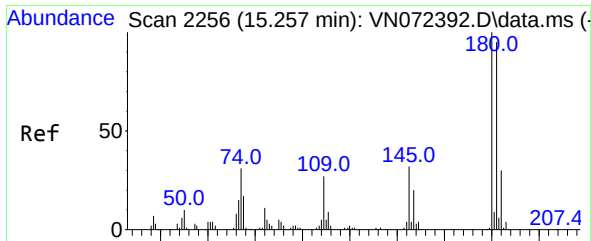
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.036 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

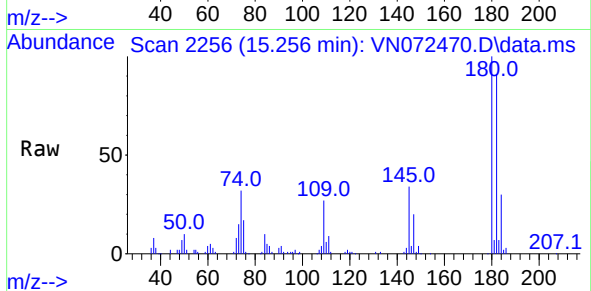
Tgt Ion: 75 Resp: 35492
Ion Ratio Lower Upper
75 100
155 76.4 44.9 134.5
157 100.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 63.142 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

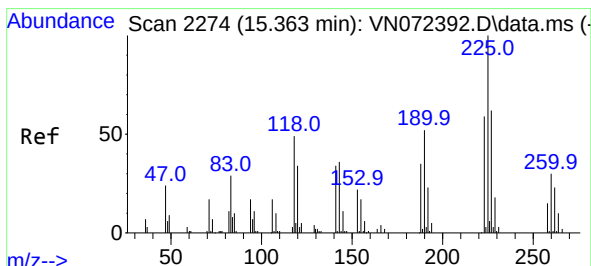
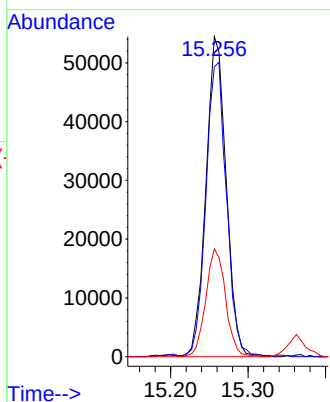
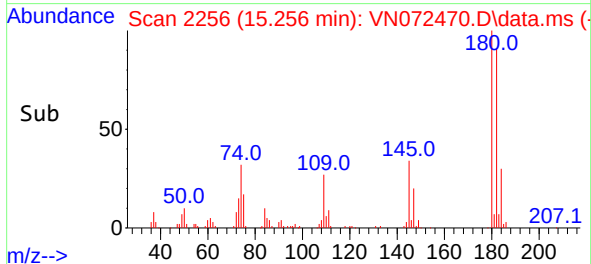
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



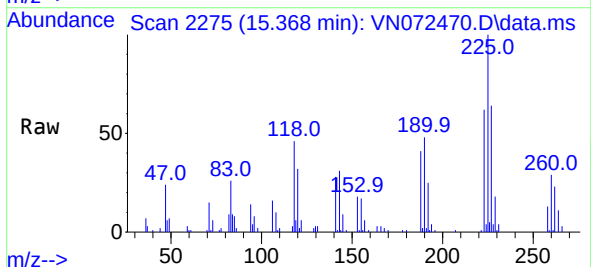
Tgt Ion:180 Resp: 98892
Ion Ratio Lower Upper
180 100
182 93.4 47.5 142.5
145 32.9 14.5 43.5

Manual Integrations
APPROVED

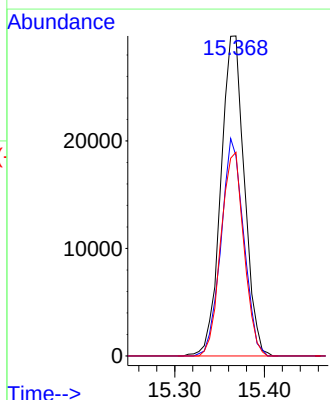
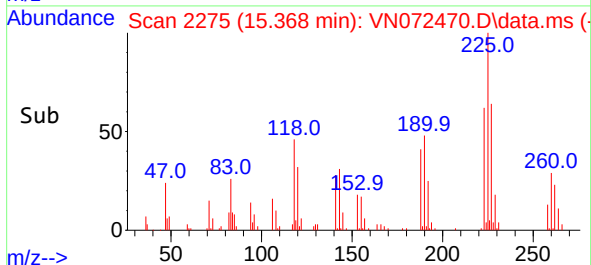
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

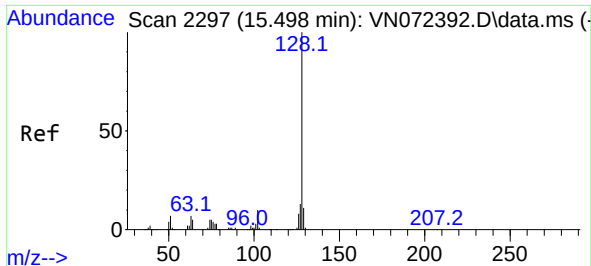


#94
Hexachlorobutadiene
Concen: 52.280 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



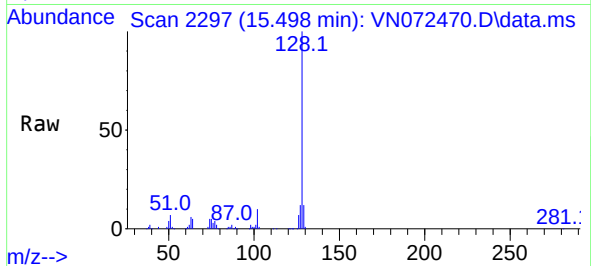
Tgt Ion:225 Resp: 54213
Ion Ratio Lower Upper
225 100
223 65.2 32.4 97.2
227 62.2 31.8 95.4





#95
Naphthalene
Concen: 52.990 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50

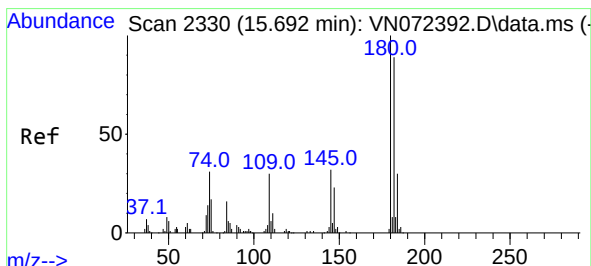
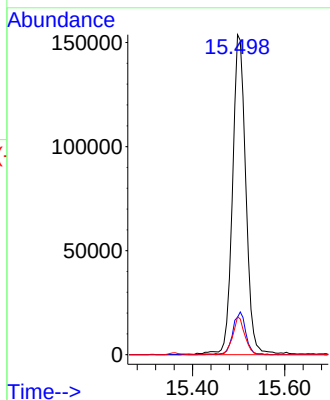
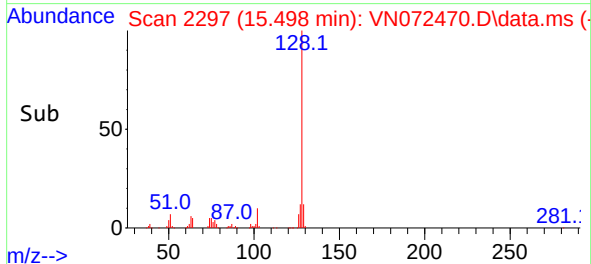
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



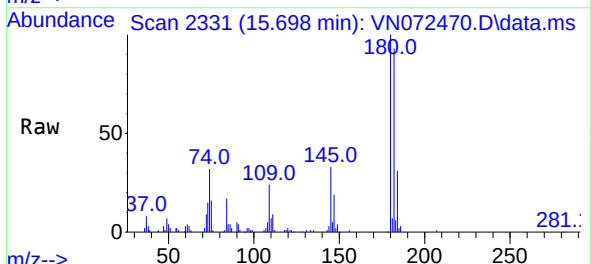
Tgt Ion:128 Resp: 307899
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 65.400 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072470.D
Acq: 13 May 2022 11:50



Tgt Ion:180 Resp: 102647
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.3
145 33.9 15.5 46.5

