

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
 Data File : VN072529.D
 Acq On : 17 May 2022 14:32
 Operator : JC\MD
 Sample : VN0517WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 07:25:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	27355	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	144716	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	133024	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	87578	28.452	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.833%		
60) 4-Bromofluorobenzene	12.727	95	77153	29.704	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.000%		
63) Toluene-d8	10.439	98	231672	31.904	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	106.333%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	45211	19.896	ug/l	94
3) Chloromethane	2.299	50	40493	19.730	ug/l	92
4) Vinyl Chloride	2.440	62	32774	18.917	ug/l	93
5) Bromomethane	2.834	94	23732	16.841	ug/l	99
6) Chloroethane	3.005	64	21767	19.239	ug/l	94
7) Trichlorofluoromethane	3.369	101	79528	19.432	ug/l	98
8) Diethyl Ether	3.822	74	24433	19.846	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	39917	20.701	ug/l	97
10) 1,1-Dichloroethene	4.181	96	34124	19.626	ug/l	95
11) Methyl Iodide	4.422	142	50146	19.151	ug/l	97
12) Methyl Acetate	4.857	43	50322	17.890	ug/l	99
13) Acrolein	4.040	56	44672	101.074	ug/l	96
14) Acrylonitrile	5.545	53	108534	91.456	ug/l	97
15) Acetone	4.287	58	27315	87.776	ug/l	98
16) Carbon Disulfide	4.534	76	87874	19.483	ug/l	98
17) Allyl chloride	4.834	41	57503	18.322	ug/l	87
18) Methylene Chloride	5.093	84	40460	19.659	ug/l	95
19) trans-1,2-Dichloroethene	5.593	96	38559	20.191	ug/l	94
20) Diisopropyl ether	6.492	45	122561	18.784	ug/l #	97
21) 1,1-Dichloroethane	6.381	63	75219	19.278	ug/l #	91
22) cis-1,2-Dichloroethene	7.316	96	45556	20.318	ug/l	94
23) tert-Butyl Alcohol	5.357	59	37536	72.109	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	140845	19.746	ug/l	97
25) Chloroform	7.810	83	85871	20.406	ug/l	100
26) Cyclohexane	8.087	56	61134	19.307	ug/l #	100
29) 1,1-Dichloropropene	8.222	75	57971	20.114	ug/l	96
30) 2-Butanone	7.328	43	147265	88.282	ug/l	97
31) 2,2-Dichloropropane	7.316	77	71537	20.007	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	79179	19.260	ug/l	98
33) Carbon Tetrachloride	8.198	117	69838	19.116	ug/l	96
34) Benzene	8.451	78	167453	20.447	ug/l	94
35) Methacrylonitrile	7.634	41	31678	17.961	ug/l	94
36) 1,2-Dichloroethane	8.522	62	72985	19.137	ug/l	99
37) Trichloroethene	9.210	130	44655	20.099	ug/l	94
38) Methylcyclohexane	9.457	83	66511	19.960	ug/l	96
39) 1,2-Dichloropropane	9.486	63	42953	20.821	ug/l	97
40) Dibromomethane	9.575	93	30906	19.408	ug/l	90
41) Bromodichloromethane	9.757	83	65755	19.490	ug/l #	97
42) Vinyl Acetate	6.428	43	552222m	98.356	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	64037	19.658	ug/l #	93
44) Isopropyl Acetate	8.557	43	95534	18.320	ug/l	96
45) 1,4-Dioxane	9.563	88	14808	298.146	ug/l #	83
46) Methyl methacrylate	9.557	41	43778	17.742	ug/l	90
47) n-amyl Acetate	12.386	43	63118	18.081	ug/l	94
48) t-1,3-Dichloropropene	10.716	75	67017	18.816	ug/l	94
49) cis-1,3-Dichloropropene	10.186	75	71241	19.845	ug/l	99
50) 1,1,2-Trichloroethane	10.892	97	44933	20.457	ug/l	97
51) Ethyl methacrylate	10.757	69	65588	19.149	ug/l	92
52) 1,3-Dichloropropane	11.039	76	73852	19.460	ug/l	99
53) Dibromochloromethane	11.233	129	52089	19.641	ug/l	100
54) 1,2-Dibromoethane	11.339	107	46021	19.697	ug/l	97
55) 2-Chloroethyl vinyl ether	10.033	63	79164	91.092	ug/l	98
56) Bromoform	12.451	173	37090	18.544	ug/l #	98
58) 4-Methyl-2-Pentanone	10.328	43	306570	97.805	ug/l	97
59) 2-Hexanone	11.080	43	214591	93.191	ug/l	99
61) Tetrachloroethene	10.969	164	44834	22.506	ug/l	87
62) Toluene	10.504	91	190446	21.192	ug/l	98
64) Chlorobenzene	11.769	112	114190	20.370	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.833	131	48634	20.982	ug/l	97
66) Ethyl Benzene	11.839	91	207668	20.544	ug/l	95
67) m/p-Xylenes	11.951	106	163026	42.539	ug/l	99
68) o-Xylene	12.274	106	77103	20.353	ug/l	94
69) Styrene	12.292	104	126504	20.967	ug/l	95
70) Isopropylbenzene	12.574	105	209541	20.845	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.822	83	63026	20.531	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	51466m	17.876	ug/l	
73) Bromobenzene	12.857	156	49011	20.259	ug/l	99
74) n-propylbenzene	12.916	91	224291	20.382	ug/l	98
75) 2-Chlorotoluene	13.004	91	148694	20.913	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	177104	20.599	ug/l	100
77) t-1,4-Dichloro-2-butene	12.622	75	18489	19.436	ug/l	89
78) 4-Chlorotoluene	13.098	91	137898	20.693	ug/l	96
79) tert-butylbenzene	13.321	119	153832	20.364	ug/l	99
80) 1,2,4-Trimethylbenzene	13.363	105	171897m	20.748	ug/l	
81) sec-Butylbenzene	13.498	105	204106	20.380	ug/l	99
82) p-Isopropyltoluene	13.610	119	166877	20.133	ug/l	100
83) 1,3-Dichlorobenzene	13.610	146	84743	20.520	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	82555	20.543	ug/l	98
85) n-Butylbenzene	13.939	91	104045	16.939	ug/l	98
86) Hexachloroethane	14.204	117	26226	17.184	ug/l	88
87) 1,2-Dichlorobenzene	13.986	146	81024	20.068	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	11500	15.915	ug/l	99
89) 1,2,4-Trichlorobenzene	15.257	180	32000	17.509	ug/l	96
90) Hexachlorobutadiene	15.363	225	22434	19.861	ug/l	97
91) Naphthalene	15.504	128	82859	18.421	ug/l	100
92) 1,2,3-Trichlorobenzene	15.698	180	33919	18.232	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

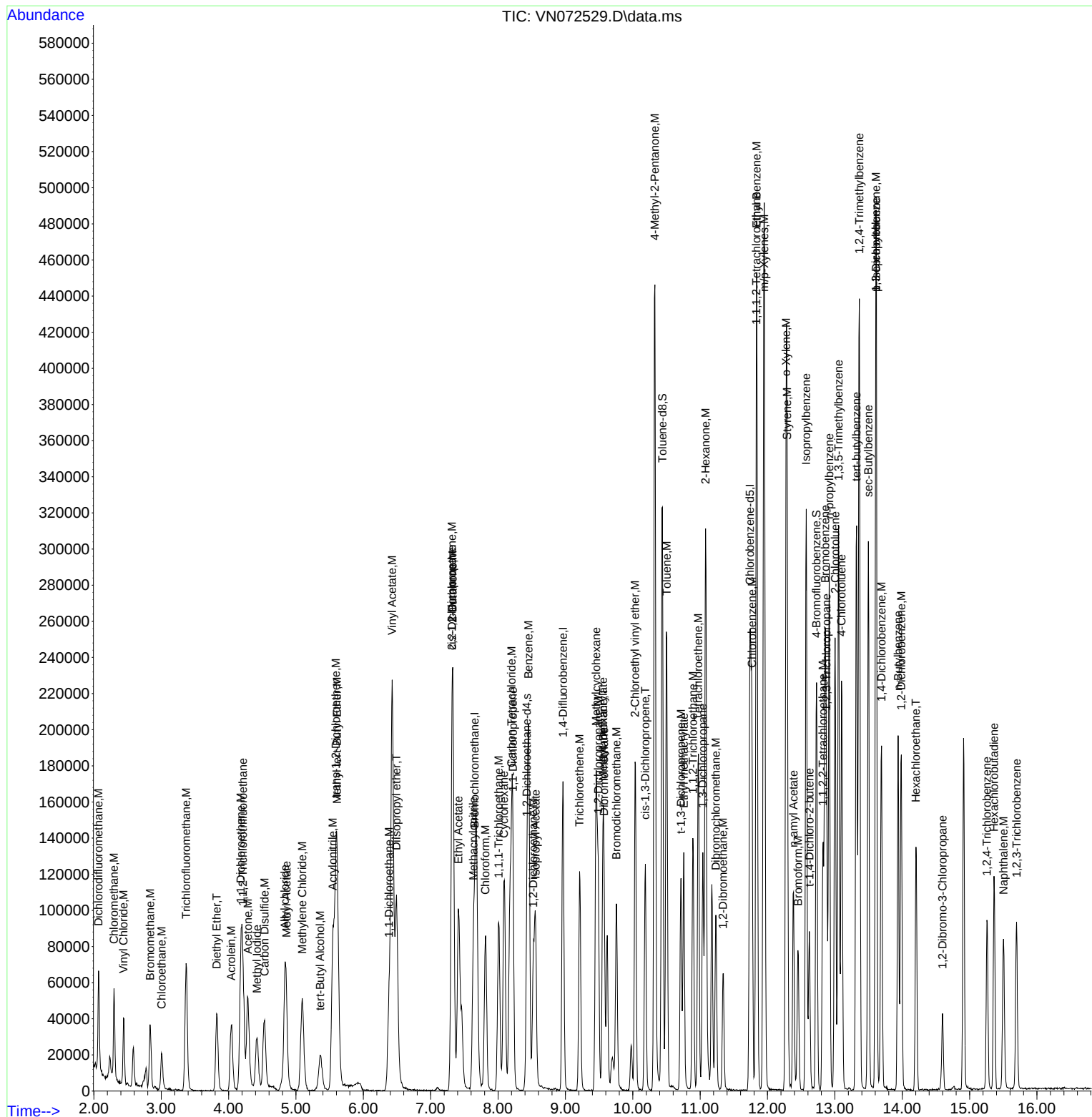
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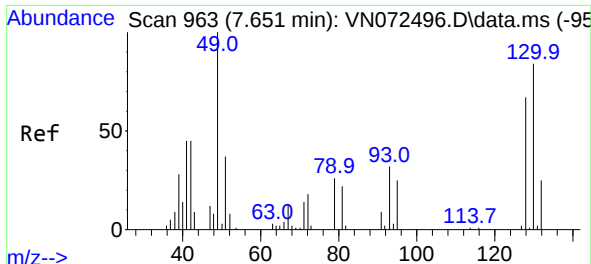
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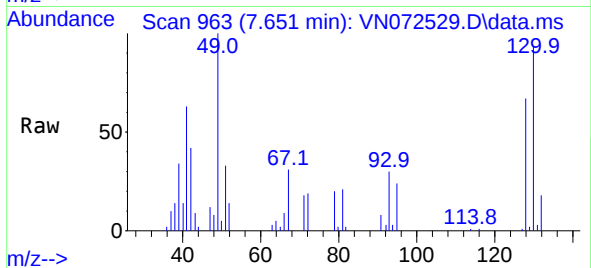
Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

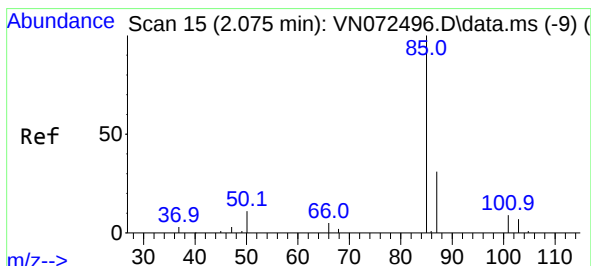
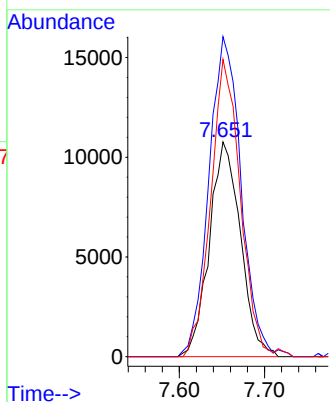
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion:128 Resp: 2735
Ion Ratio Lower Upper
128 100
49 153.2 0.0 392.3
130 131.3 0.0 320.2

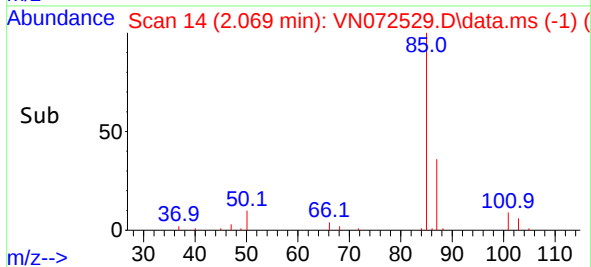
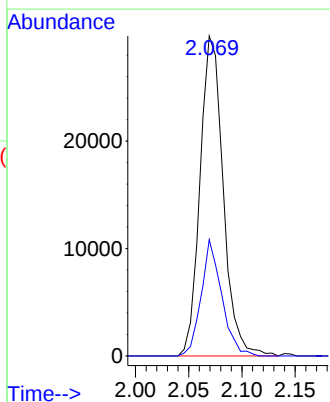
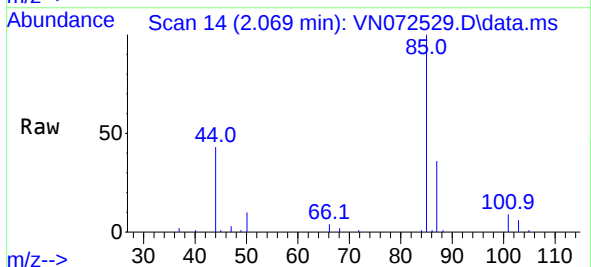
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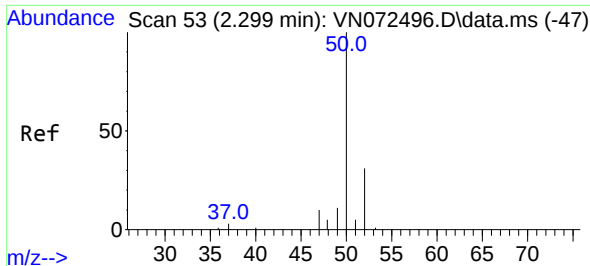
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#2
Dichlorodifluoromethane
Concen: 19.896 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Tgt Ion: 85 Resp: 45211
Ion Ratio Lower Upper
85 100
87 36.4 16.6 49.7





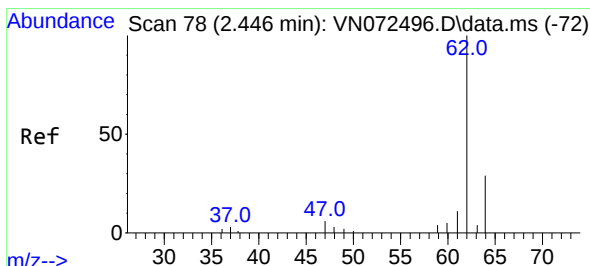
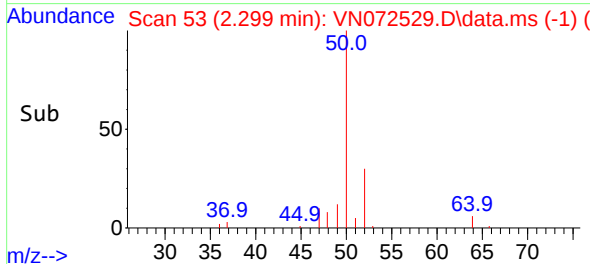
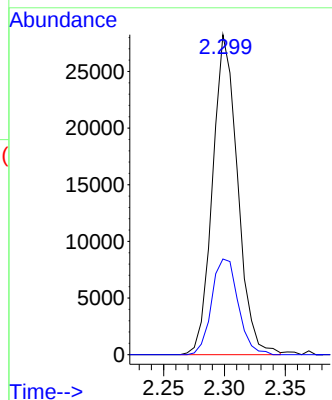
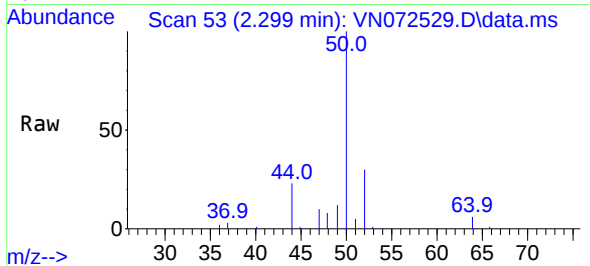
#3
Chloromethane
Concen: 19.730 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
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Tgt Ion: 50 Resp: 4049
Ion Ratio Lower Upper
50 100
52 29.9 27.8 41.6

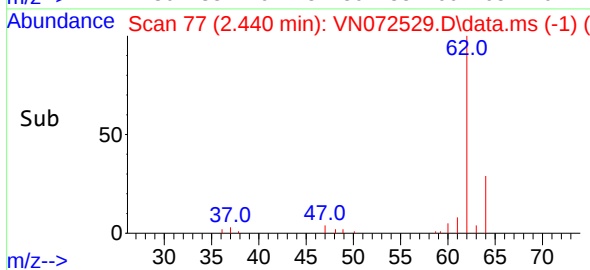
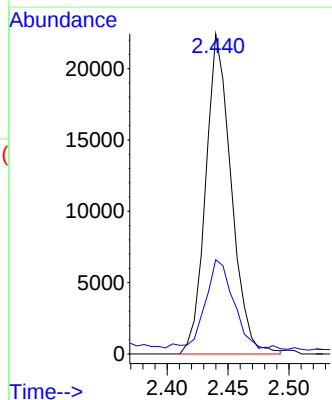
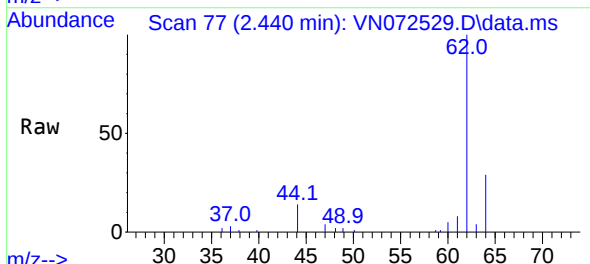
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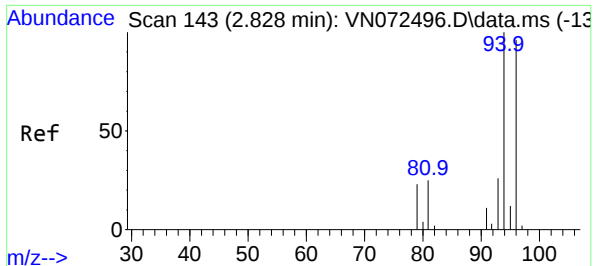
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#4
Vinyl Chloride
Concen: 18.917 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

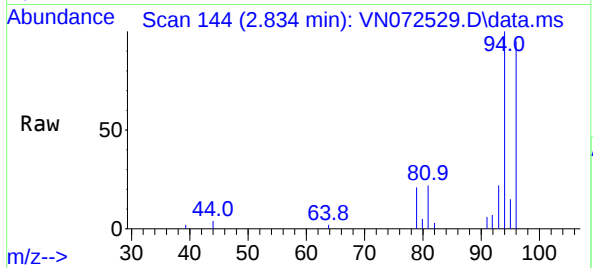
Tgt Ion: 62 Resp: 32774
Ion Ratio Lower Upper
62 100
64 27.8 25.1 37.7





#5
Bromomethane
Concen: 16.841 ug/l
RT: 2.834 min Scan# 143
Delta R.T. 0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

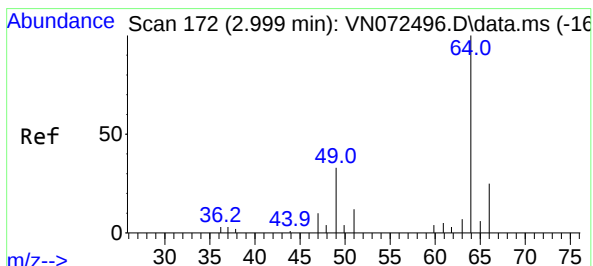
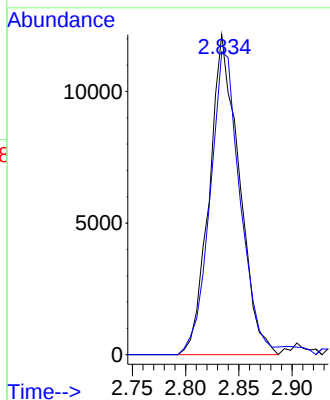
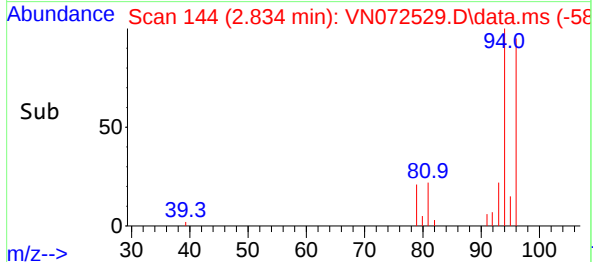
Instrument :
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ClientSampleId :
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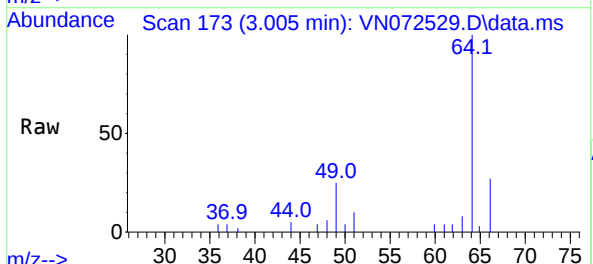
Tgt Ion: 94 Resp: 23732
Ion Ratio Lower Upper
94 100
96 94.7 75.2 112.8

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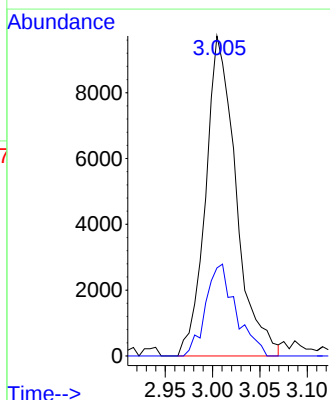
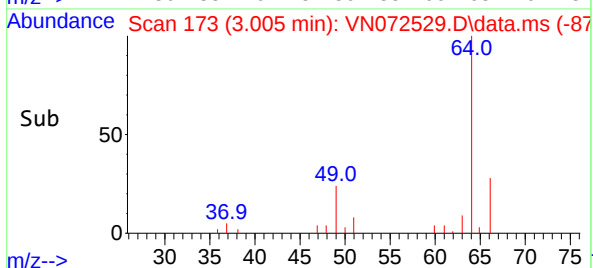
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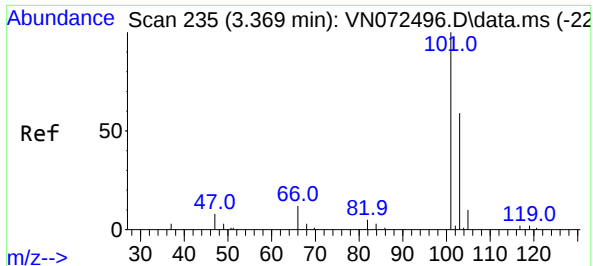


#6
Chloroethane
Concen: 19.239 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



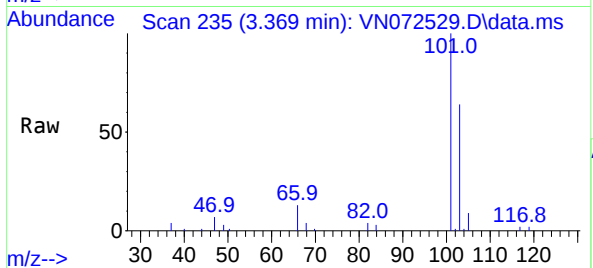
Tgt Ion: 64 Resp: 21767
Ion Ratio Lower Upper
64 100
66 27.5 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.432 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072529.D
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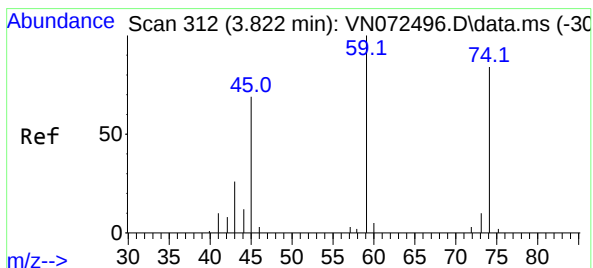
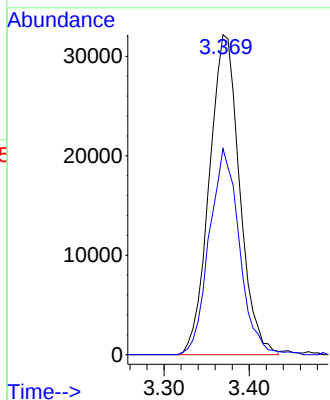
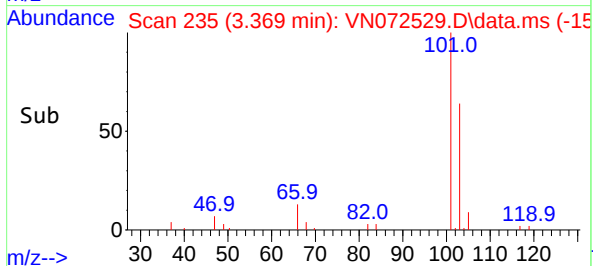
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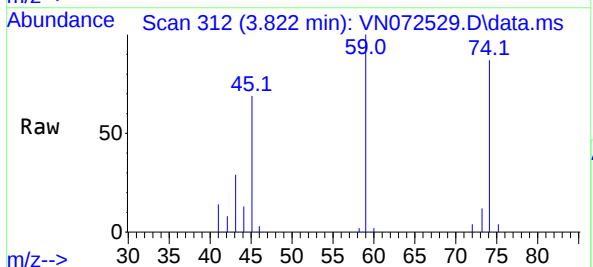
Tgt Ion:101 Resp: 79528
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

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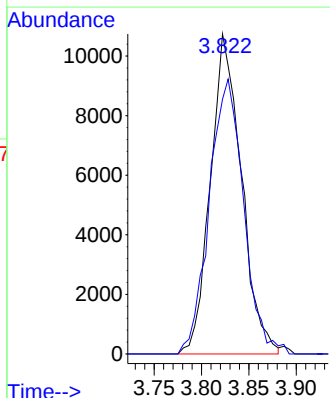
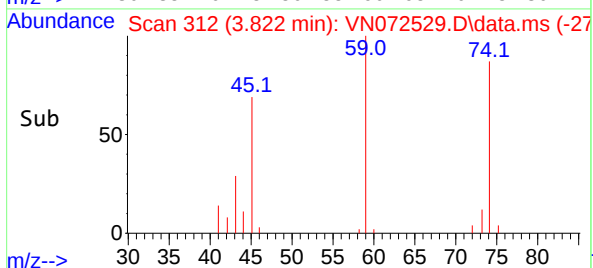
Reviewed By :John Carlone 05/18/2022
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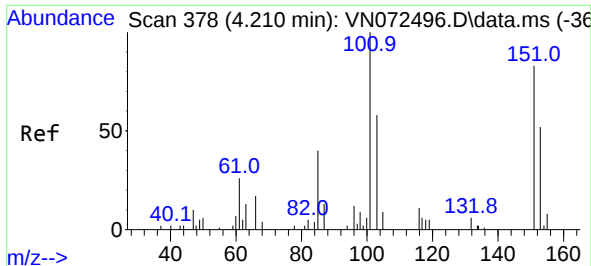


#8
Diethyl Ether
Concen: 19.846 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion: 74 Resp: 24433
Ion Ratio Lower Upper
74 100
45 93.7 17.6 158.8





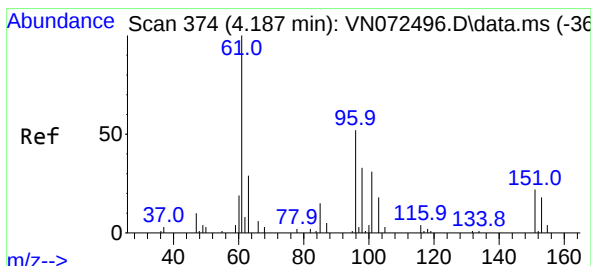
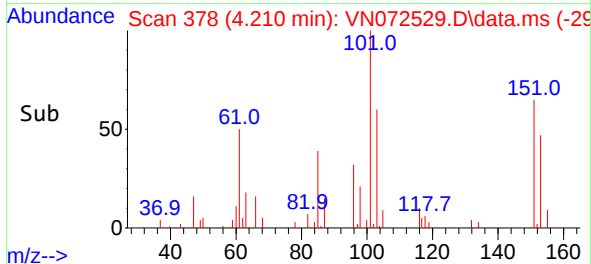
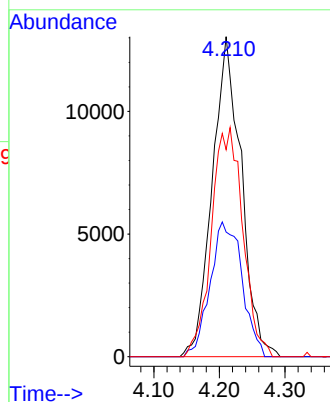
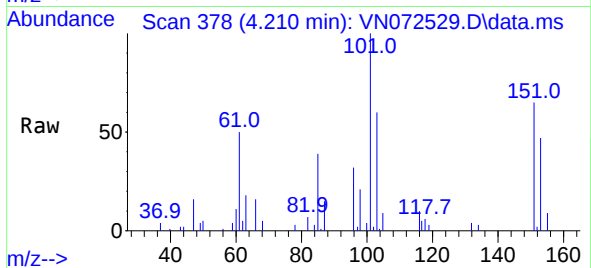
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.701 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

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Tgt Ion:101 Resp: 3991
Ion Ratio Lower Upper
101 100
85 46.5 0.0 94.0
151 40.1 0.0 74.6

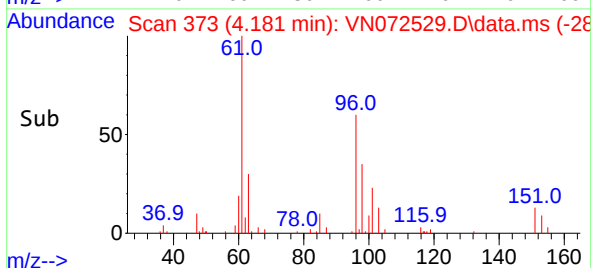
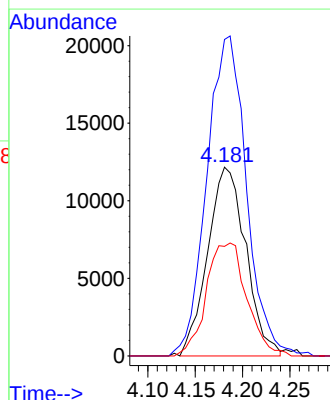
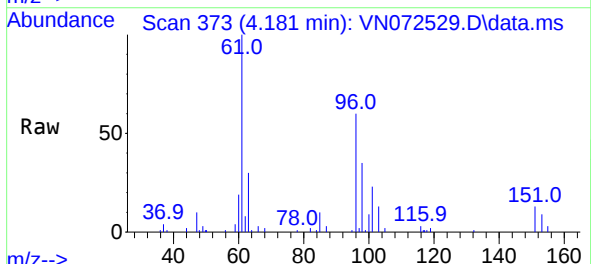
Manual Integrations
APPROVED

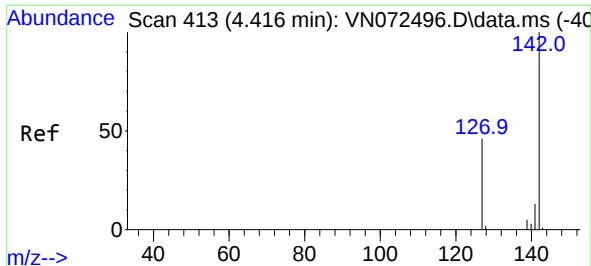
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
1,1-Dichloroethene
Concen: 19.626 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

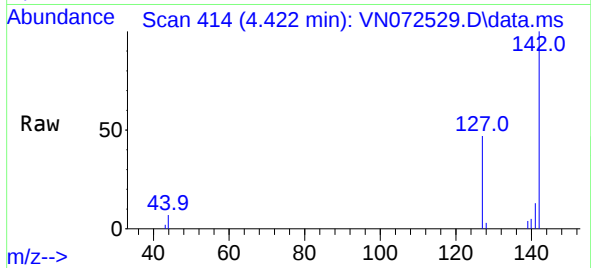
Tgt Ion: 96 Resp: 34124
Ion Ratio Lower Upper
96 100
61 162.4 126.2 189.4
98 56.2 50.9 76.3





#11
Methyl Iodide
Concen: 19.151 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

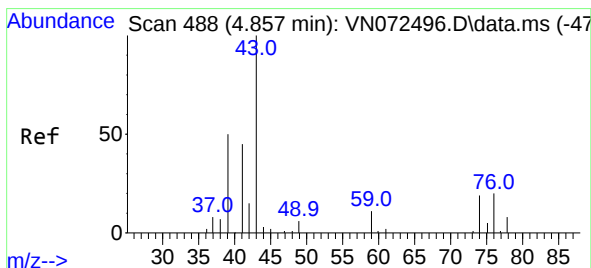
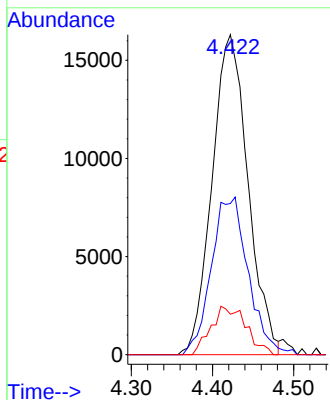
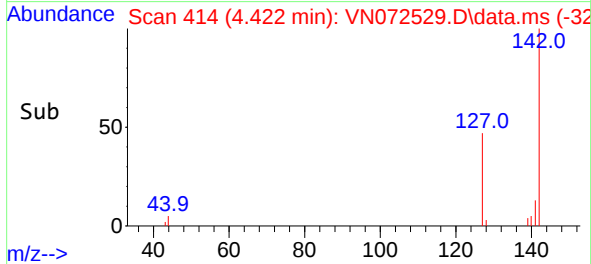
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



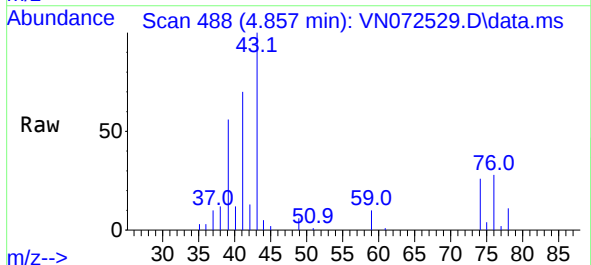
Tgt Ion:142 Resp: 50140
Ion Ratio Lower Upper
142 100
127 47.2 24.0 72.0
141 12.9 8.4 25.2

Manual Integrations
APPROVED

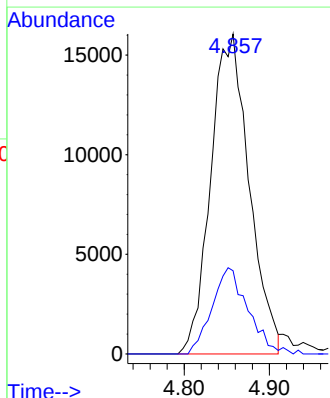
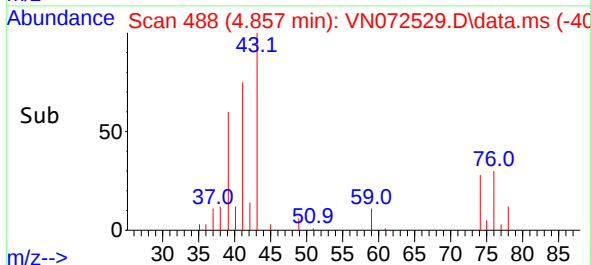
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

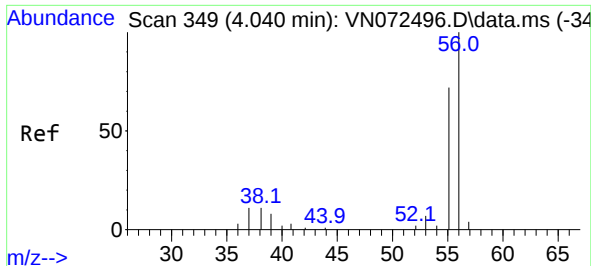


#12
Methyl Acetate
Concen: 17.890 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



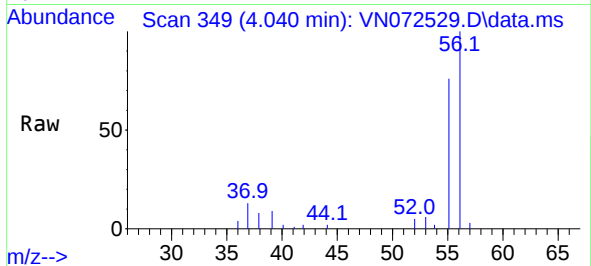
Tgt Ion: 43 Resp: 50322
Ion Ratio Lower Upper
43 100
74 26.3 20.8 31.2





#13
Acrolein
Concen: 101.074 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

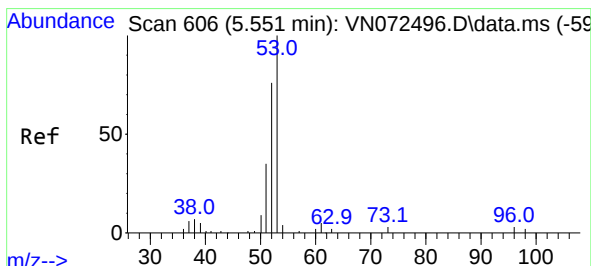
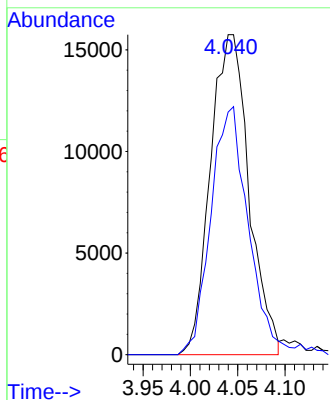
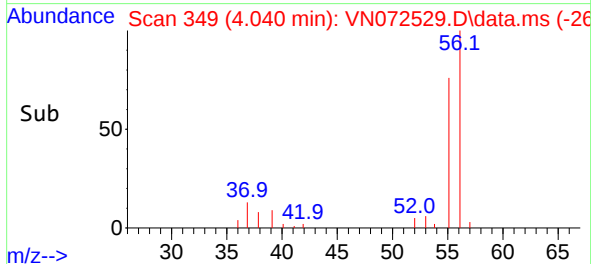
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



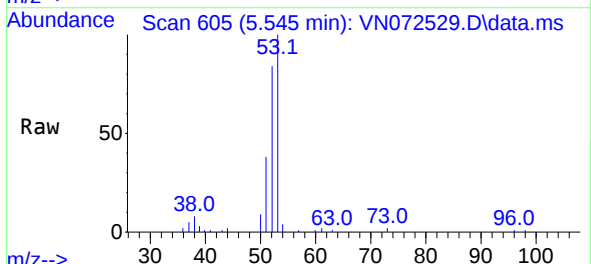
Tgt Ion: 56 Resp: 44672
Ion Ratio Lower Upper
56 100
55 75.1 57.6 86.4

Manual Integrations
APPROVED

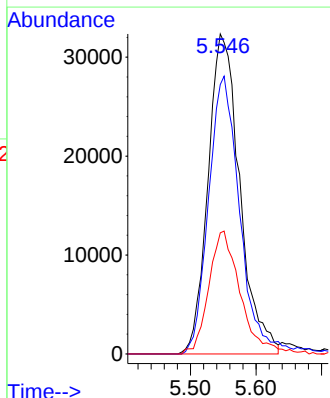
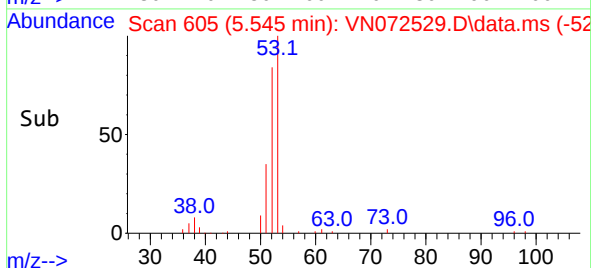
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

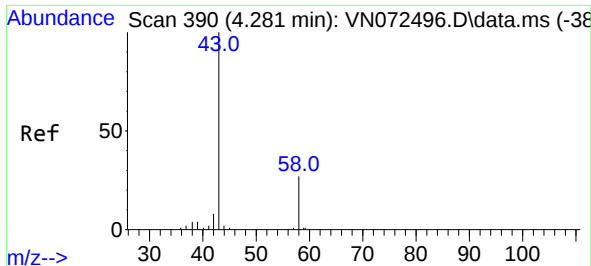


#14
Acrylonitrile
Concen: 91.456 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



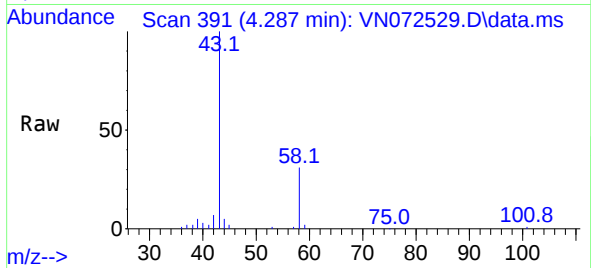
Tgt Ion: 53 Resp: 108534
Ion Ratio Lower Upper
53 100
52 83.9 41.8 125.4
51 33.0 19.0 57.0





#15
Acetone
Concen: 87.776 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

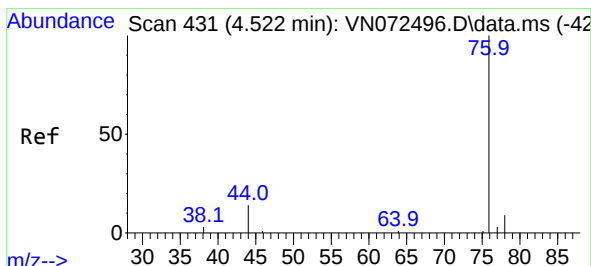
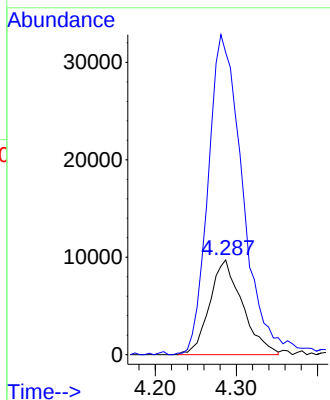
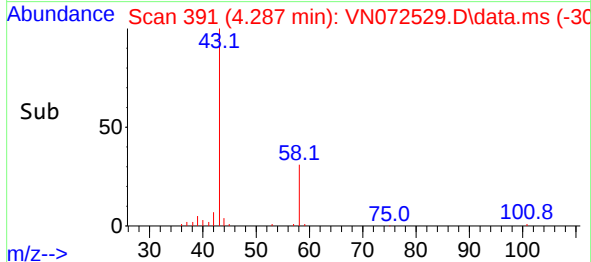
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



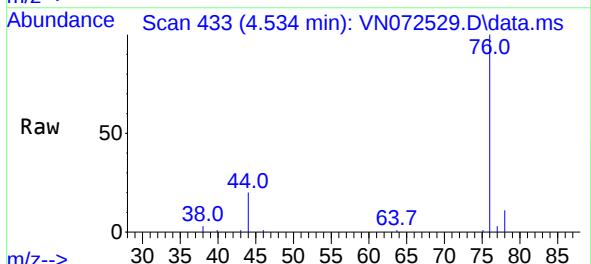
Tgt Ion: 58 Resp: 2731
Ion Ratio Lower Upper
58 100
43 317.4 256.6 384.8

Manual Integrations
APPROVED

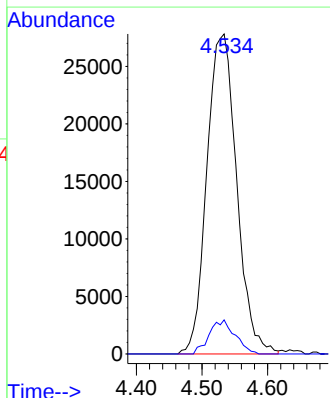
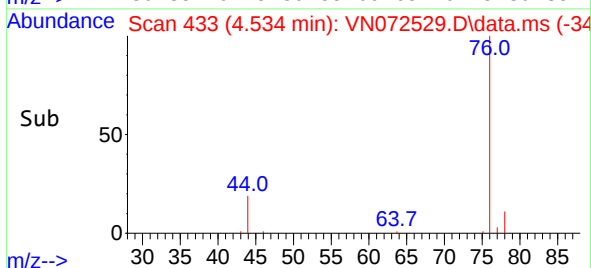
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

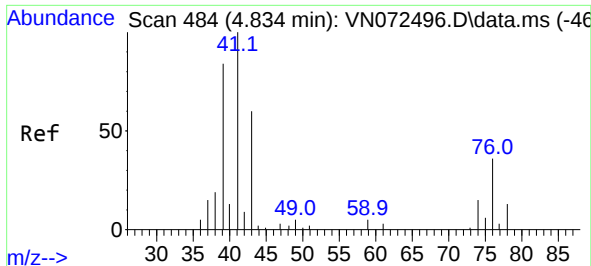


#16
Carbon Disulfide
Concen: 19.483 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.012 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



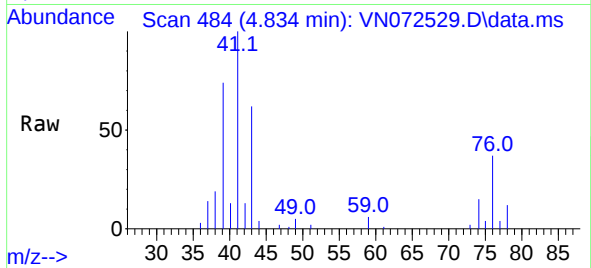
Tgt Ion: 76 Resp: 87874
Ion Ratio Lower Upper
76 100
78 10.7 7.8 11.8





#17
 Allyl chloride
 Concen: 18.322 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN072529.D
 Acq: 17 May 2022 14:32

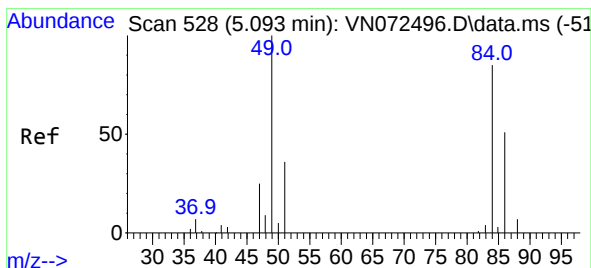
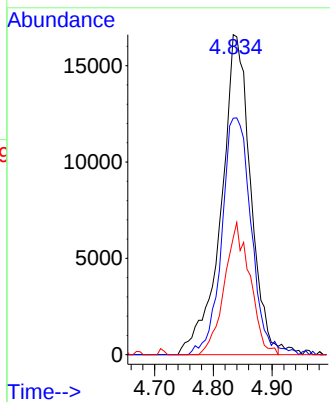
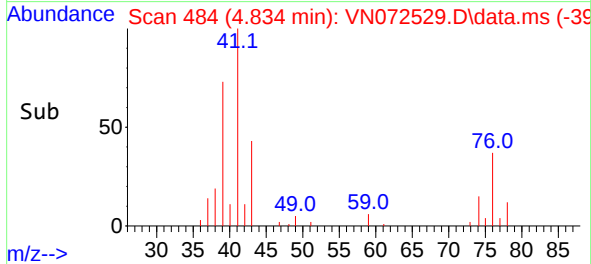
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01



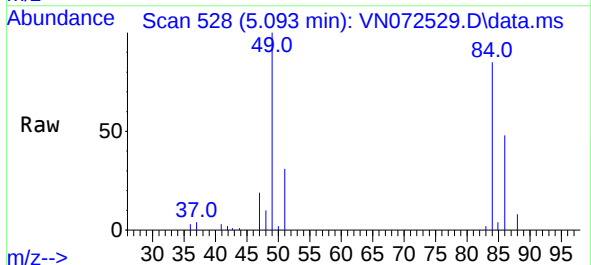
Tgt Ion: 41 Resp: 5750
 Ion Ratio Lower Upper
 41 100
 39 73.9 44.6 134.0
 76 36.5 19.6 58.7

Manual Integrations
 APPROVED

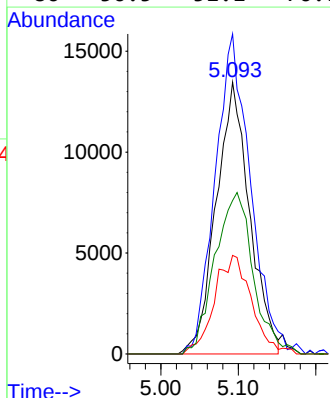
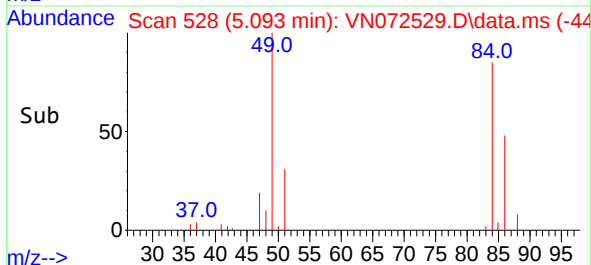
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

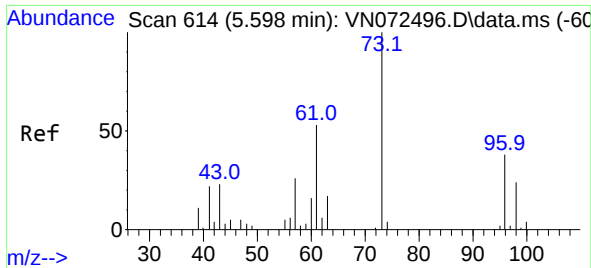


#18
 Methylene Chloride
 Concen: 19.659 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. 0.000 min
 Lab File: VN072529.D
 Acq: 17 May 2022 14:32



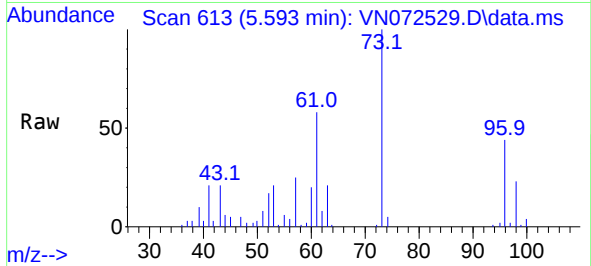
Tgt Ion: 84 Resp: 40460
 Ion Ratio Lower Upper
 84 100
 49 117.7 91.4 137.0
 51 36.3 29.4 44.0
 86 56.5 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.191 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

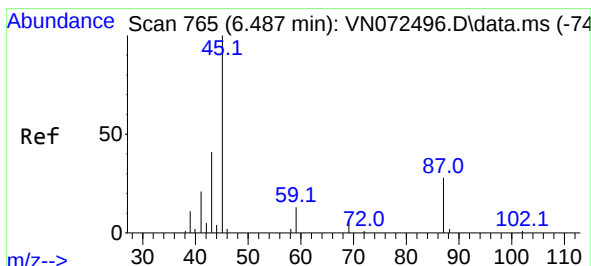
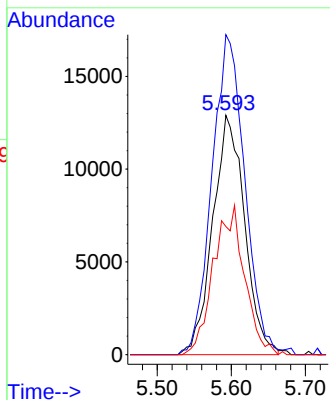
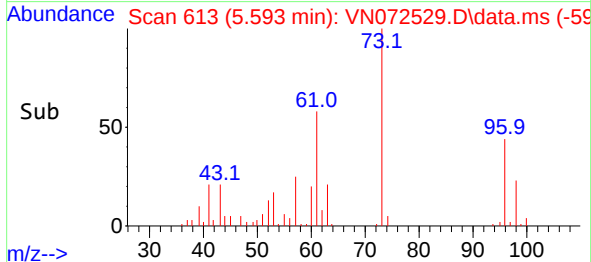
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



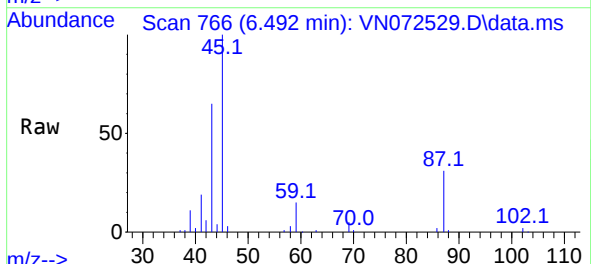
Tgt Ion: 96 Resp: 3855
Ion Ratio Lower Upper
96 100
61 133.7 102.8 154.2
98 53.6 49.3 73.9

Manual Integrations
APPROVED

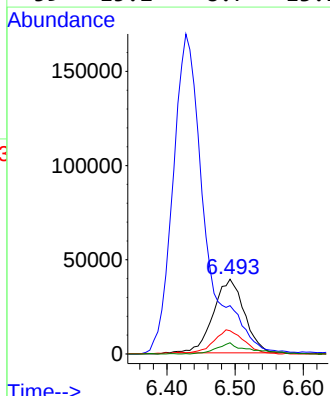
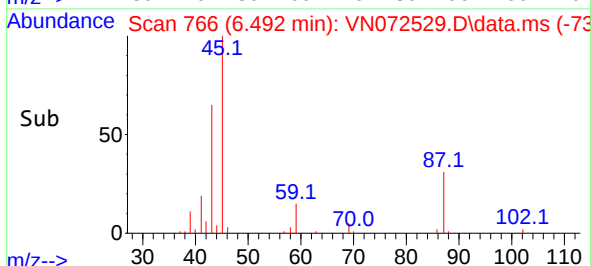
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

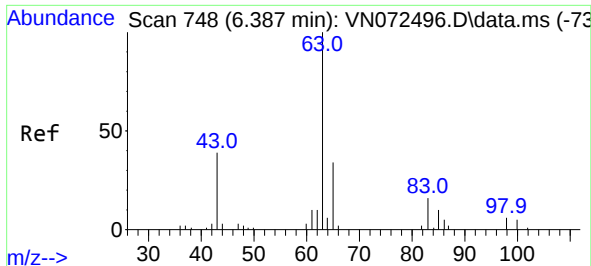


#20
Diisopropyl ether
Concen: 18.784 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion: 45 Resp: 122561
Ion Ratio Lower Upper
45 100
43 62.1 51.0 76.4
87 31.5 25.0 37.4
59 15.2 8.7 13.1#





#21

1,1-Dichloroethane

Concen: 19.278 ug/l

RT: 6.381 min Scan# 748

Delta R.T. -0.006 min

Lab File: VN072529.D

Acq: 17 May 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

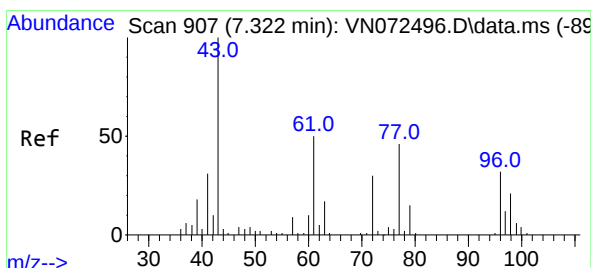
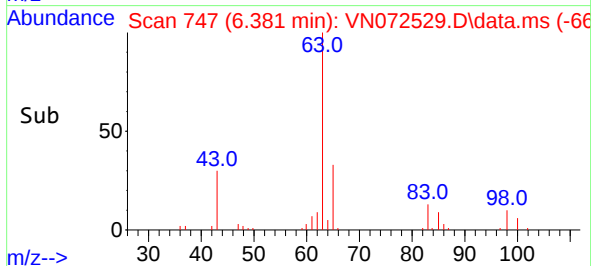
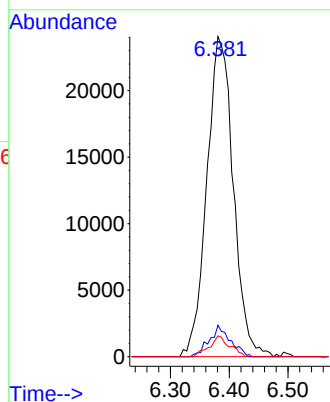
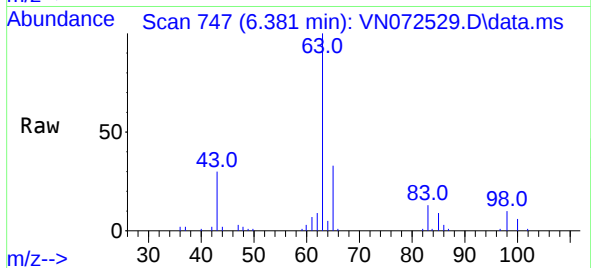
Tgt Ion:	63	Resp:	75219
Ion Ratio	Lower	Upper	
63	100		
98	9.8	3.2	9.6
100	6.5	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#22

cis-1,2-Dichloroethene

Concen: 20.318 ug/l

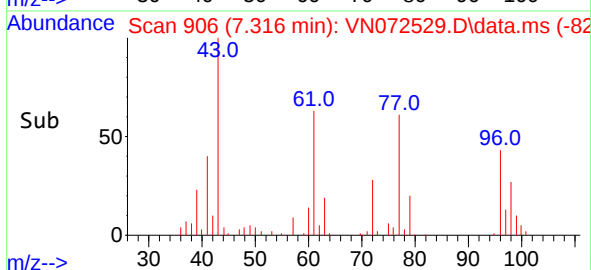
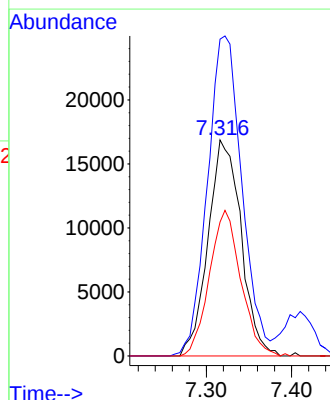
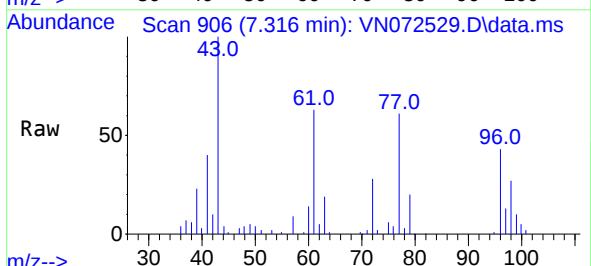
RT: 7.316 min Scan# 906

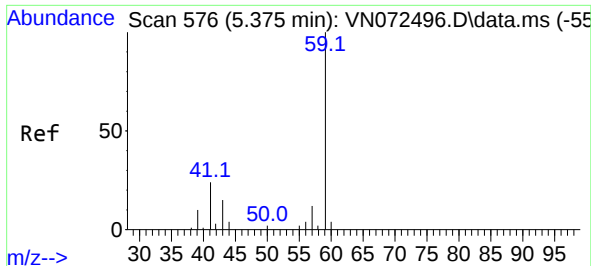
Delta R.T. -0.006 min

Lab File: VN072529.D

Acq: 17 May 2022 14:32

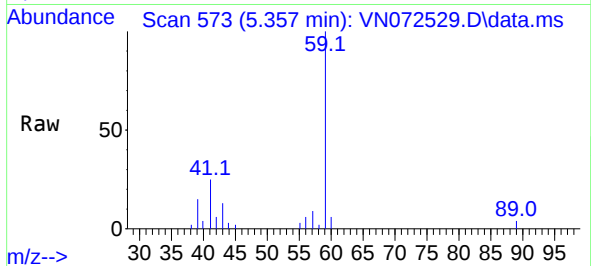
Tgt Ion:	96	Resp:	45556
Ion Ratio	Lower	Upper	
96	100		
61	154.2	115.7	173.5
98	64.1	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 72.109 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

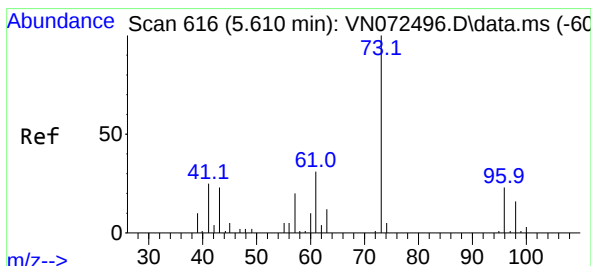
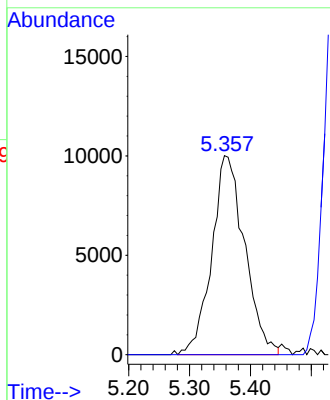
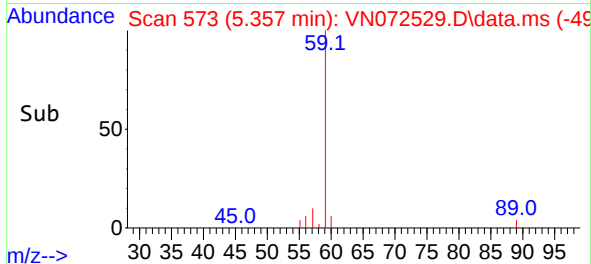
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 59 Resp: 37530
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

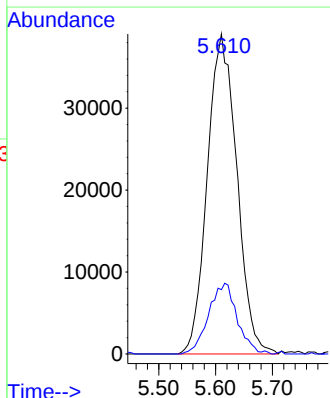
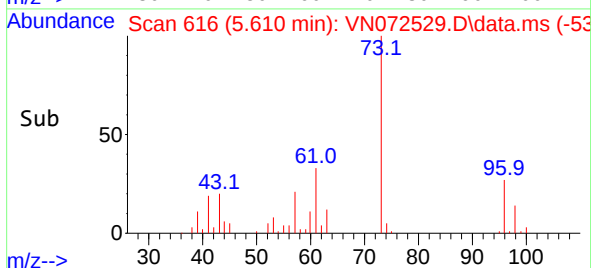
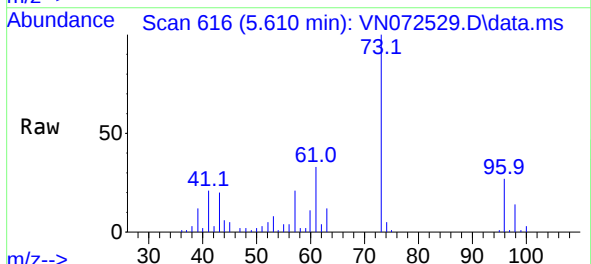
Manual Integrations
APPROVED

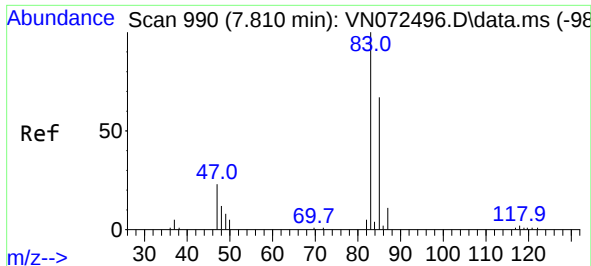
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#24
Methyl tert-Butyl Ether
Concen: 19.746 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

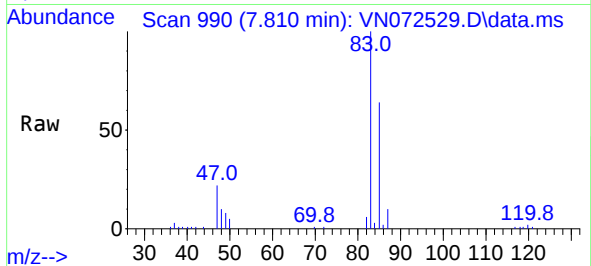
Tgt Ion: 73 Resp: 140845
Ion Ratio Lower Upper
73 100
43 21.3 18.1 27.1





#25
Chloroform
Concen: 20.406 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

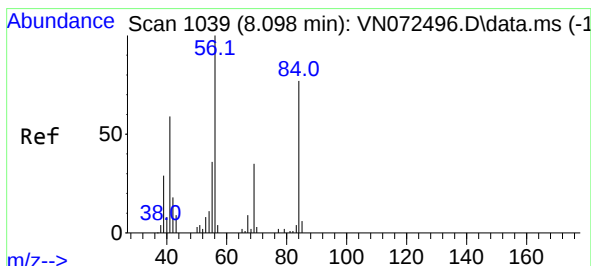
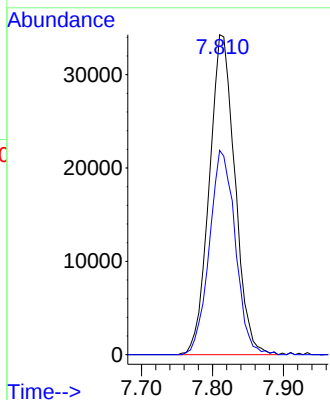
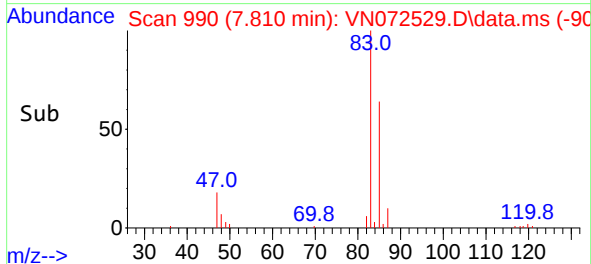
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



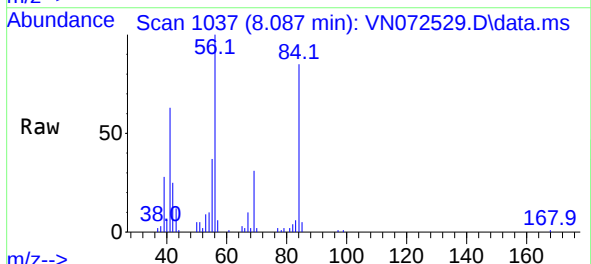
Tgt Ion: 83 Resp: 8587
Ion Ratio Lower Upper
83 100
85 63.8 51.3 76.9

Manual Integrations
APPROVED

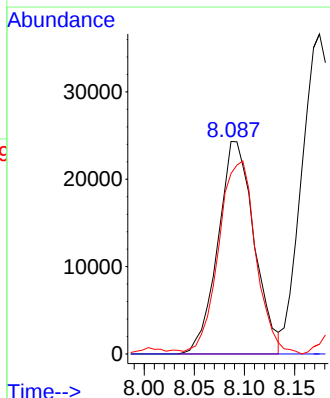
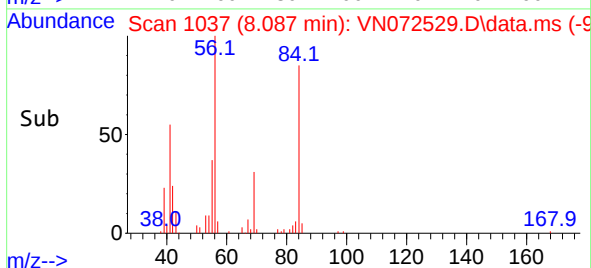
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

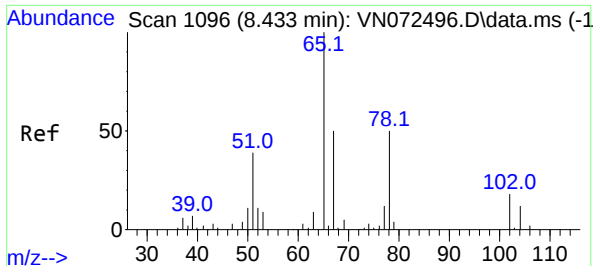


#26
Cyclohexane
Concen: 19.307 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion: 56 Resp: 61134
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 92.8 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 28.452 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

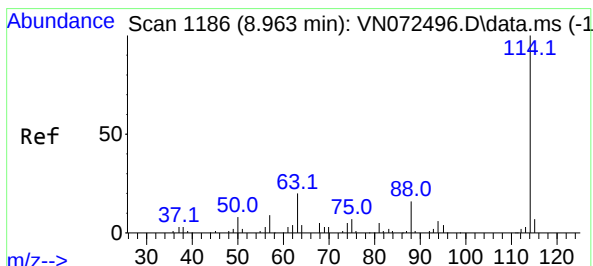
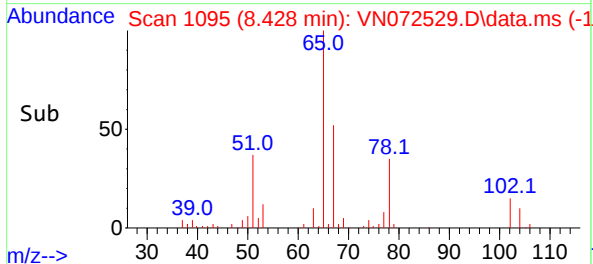
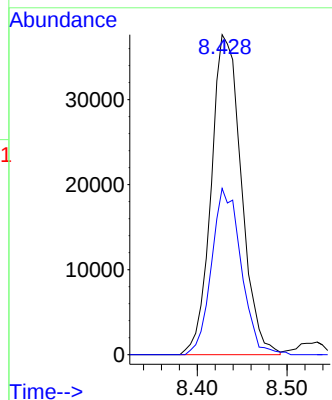
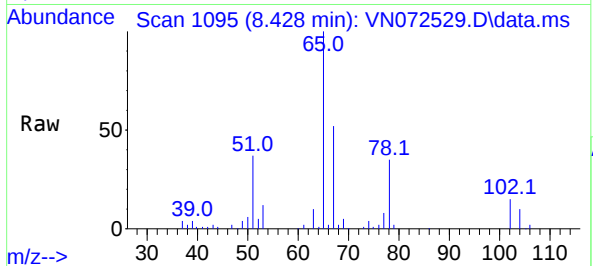
VN0517WBS01

Tgt Ion: 65 Resp: 87578
Ion Ratio Lower Upper
65 100
67 50.4 40.2 60.2

Manual Integrations

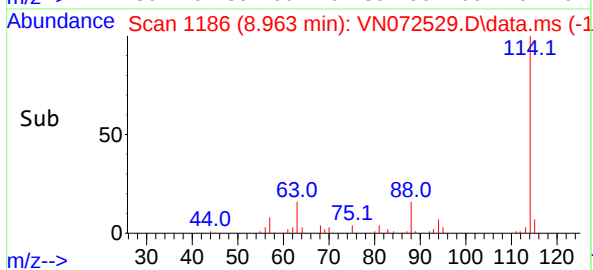
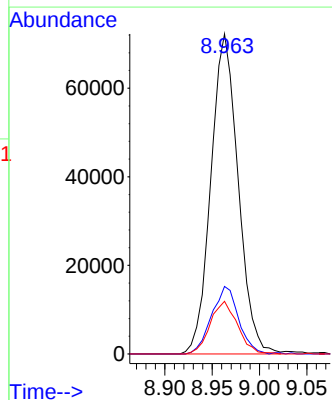
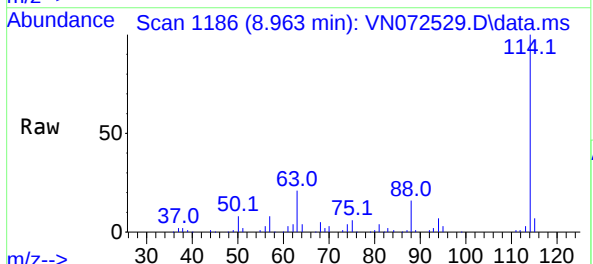
APPROVED

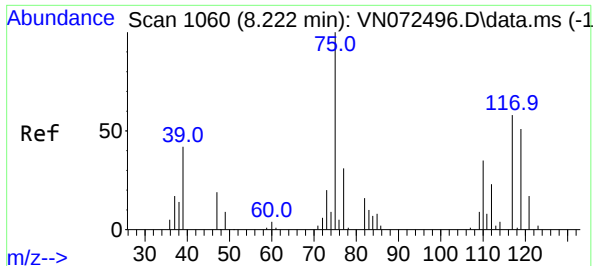
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Tgt Ion:114 Resp: 144716
Ion Ratio Lower Upper
114 100
63 20.9 15.8 23.6
88 16.4 11.6 17.4





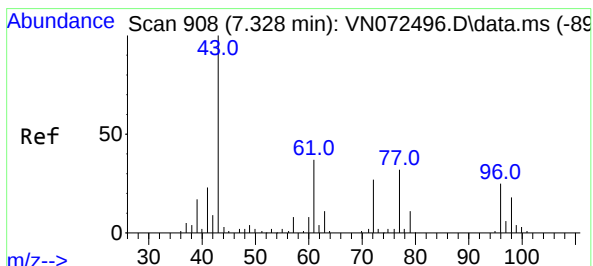
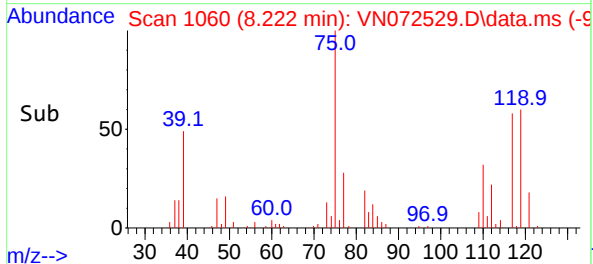
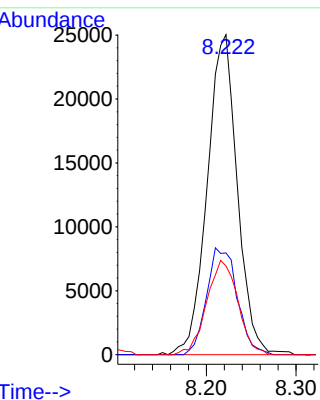
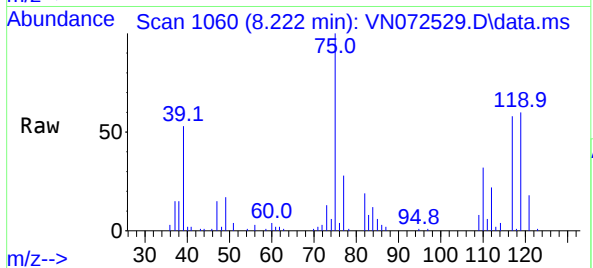
#29
1,1-Dichloropropene
Concen: 20.114 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 75 Resp: 5797
Ion Ratio Lower Upper
75 100
110 33.9 0.0 74.2
77 30.6 0.0 63.2

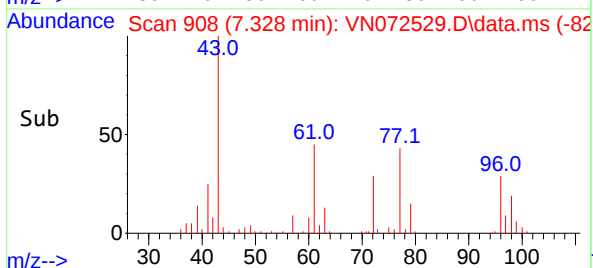
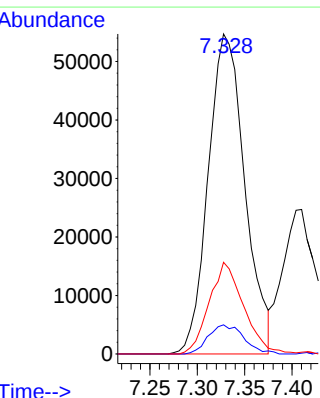
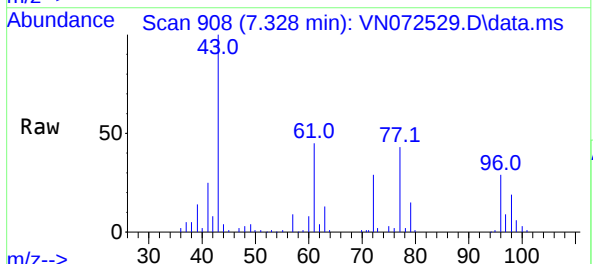
Manual Integrations
APPROVED

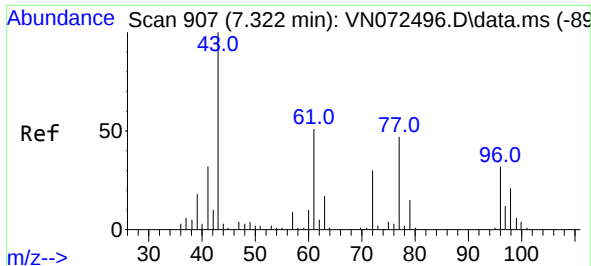
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
2-Butanone
Concen: 88.282 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Tgt Ion: 43 Resp: 147265
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 26.9 23.2 34.8





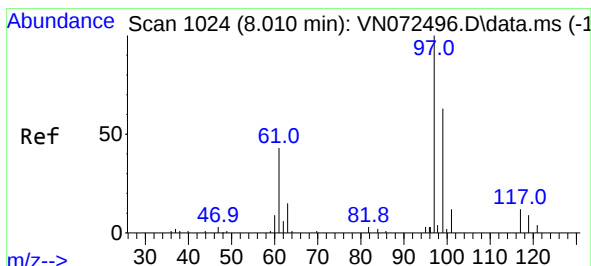
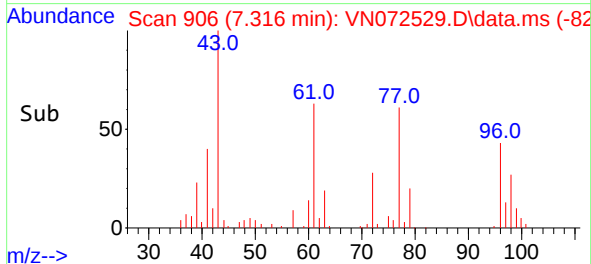
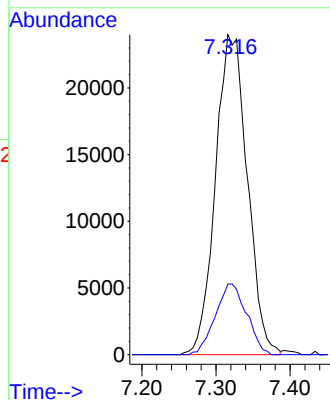
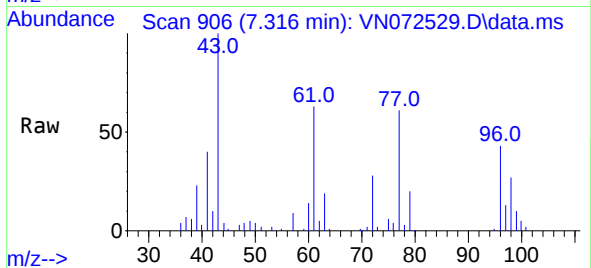
#31
2,2-Dichloropropane
Concen: 20.007 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 77 Resp: 7153
Ion Ratio Lower Upper
77 100
97 21.8 18.3 27.5

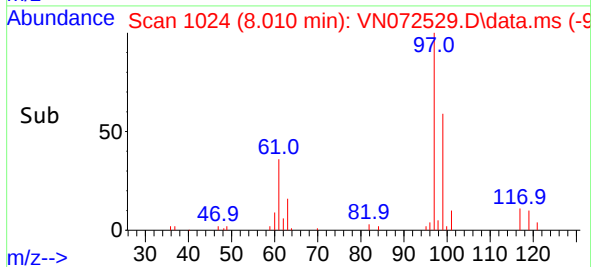
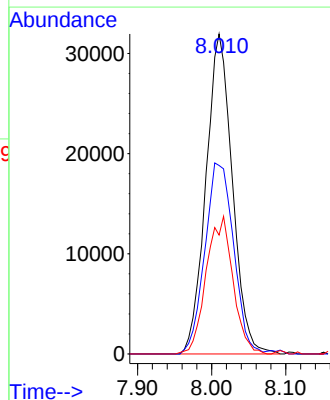
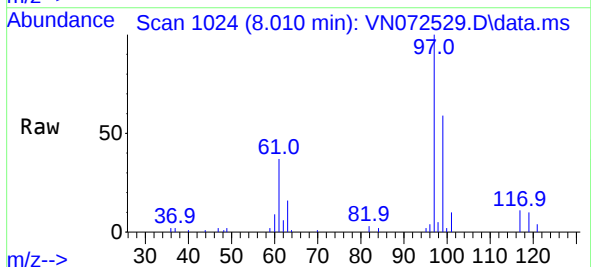
Manual Integrations
APPROVED

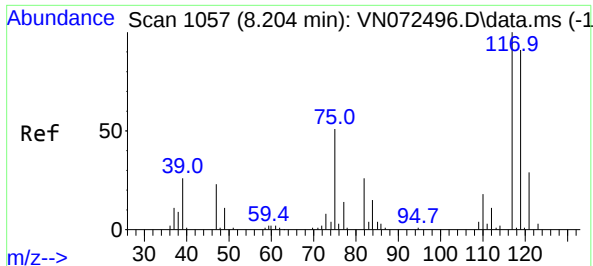
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#32
1,1,1-Trichloroethane
Concen: 19.260 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

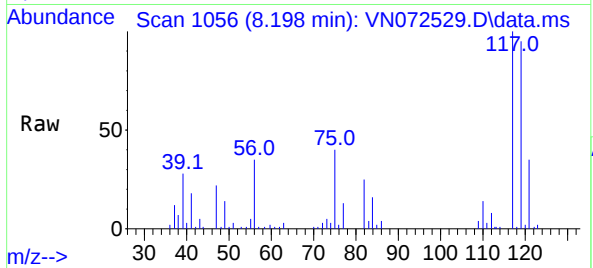
Tgt Ion: 97 Resp: 79179
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 43.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.116 ug/l
RT: 8.198 min Scan# 1098
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

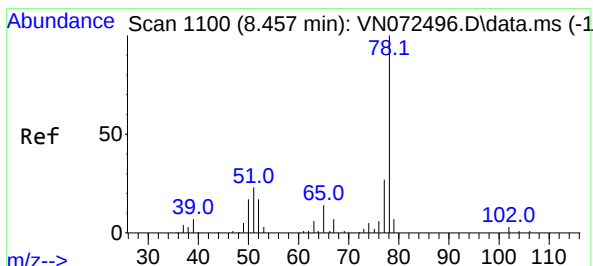
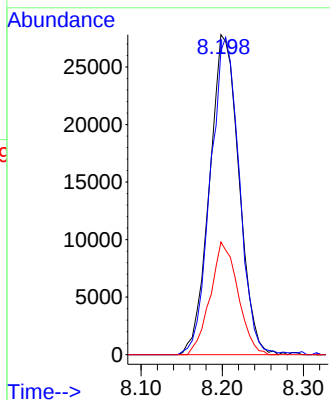
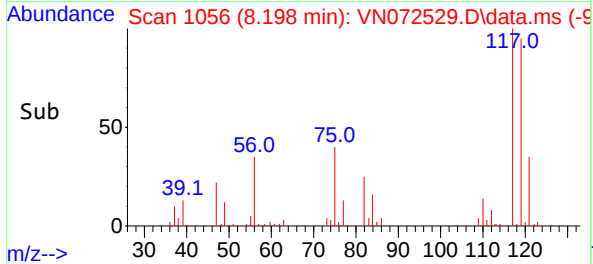
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



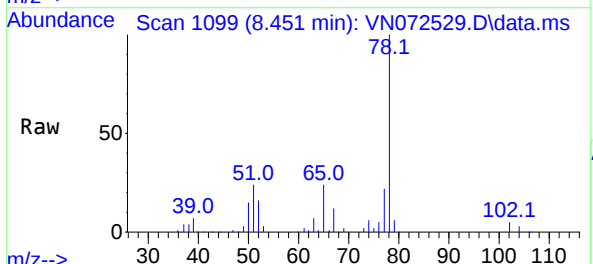
Tgt Ion:117 Resp: 69838
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
121 35.2 23.5 35.3

Manual Integrations
APPROVED

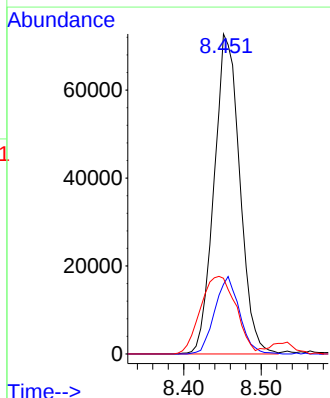
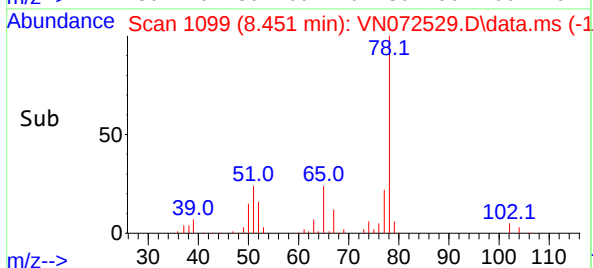
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

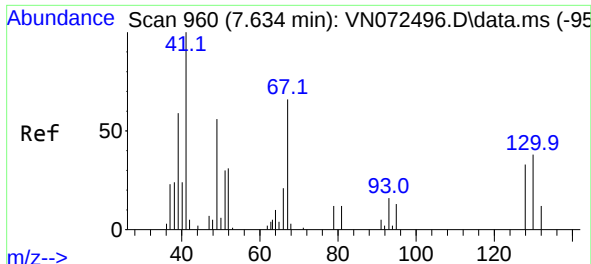


#34
Benzene
Concen: 20.447 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



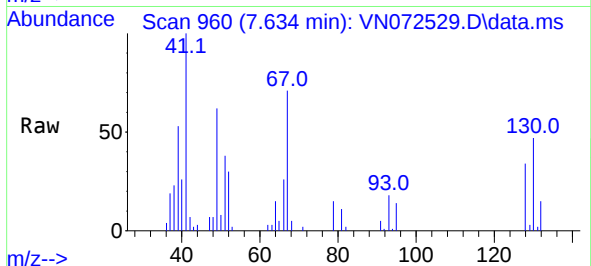
Tgt Ion: 78 Resp: 167453
Ion Ratio Lower Upper
78 100
77 21.8 19.1 28.7
51 23.4 16.0 24.0





#35
Methacrylonitrile
Concen: 17.961 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

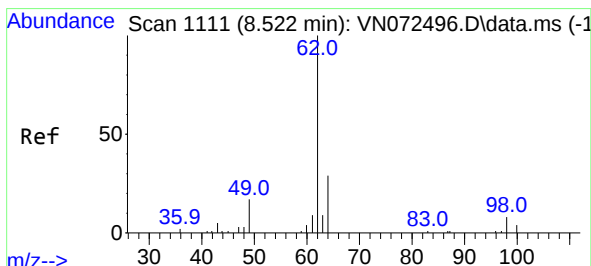
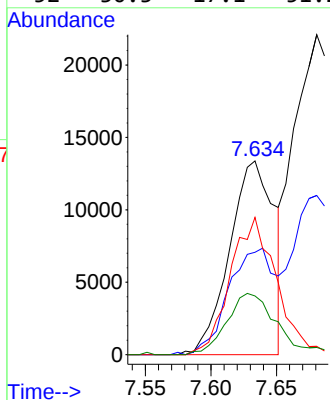
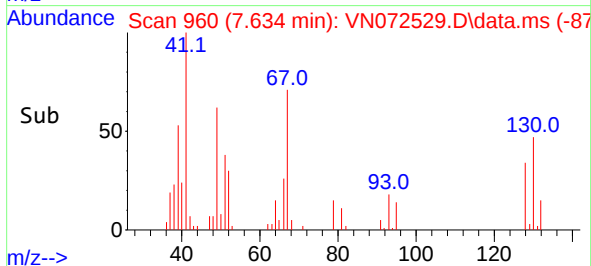
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



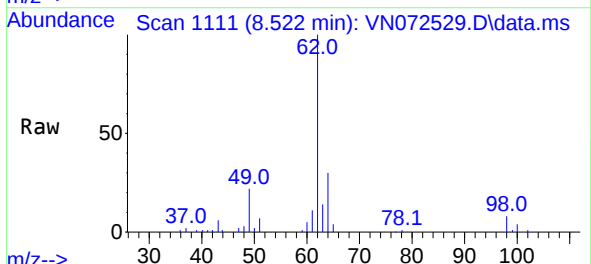
Tgt Ion: 41 Resp: 31678
Ion Ratio Lower Upper
41 100
39 51.6 28.0 83.9
67 70.8 37.7 113.1
52 30.3 17.1 51.2

Manual Integrations
APPROVED

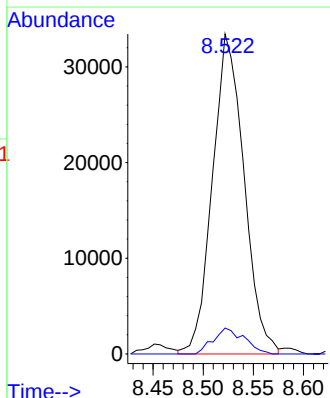
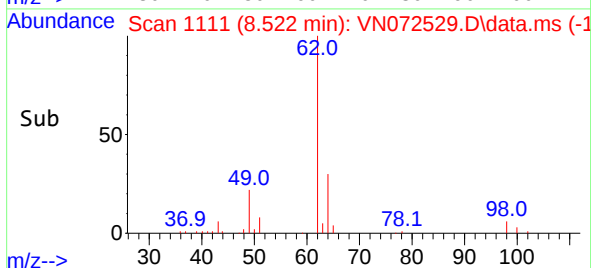
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

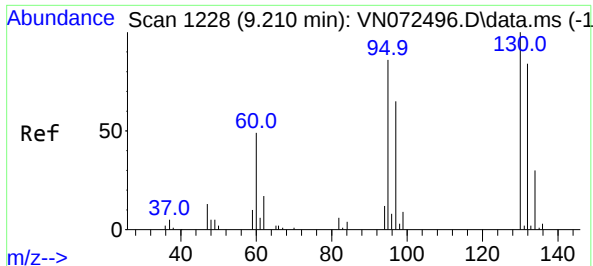


#36
1,2-Dichloroethane
Concen: 19.137 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



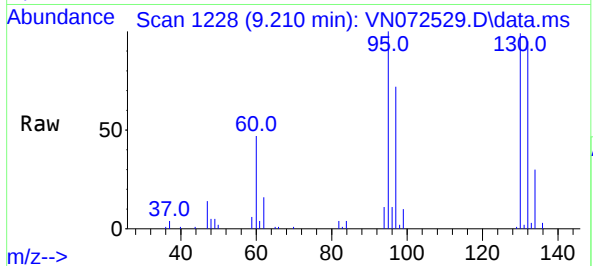
Tgt Ion: 62 Resp: 72985
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0





#37
Trichloroethene
Concen: 20.099 ug/l
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

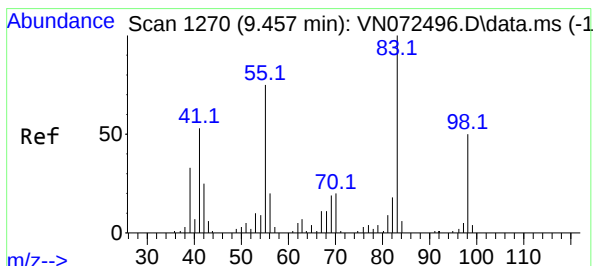
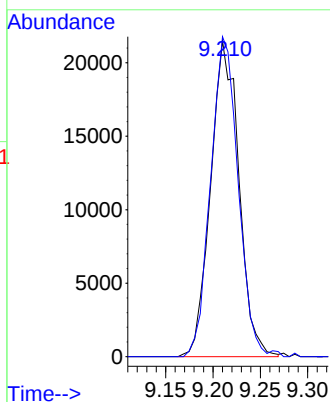
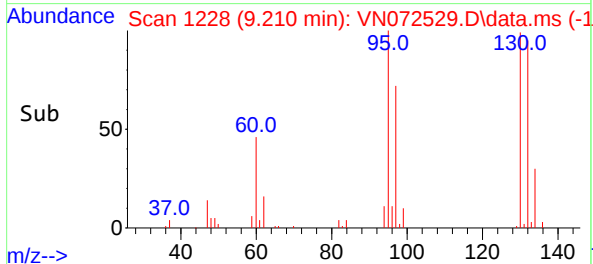
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



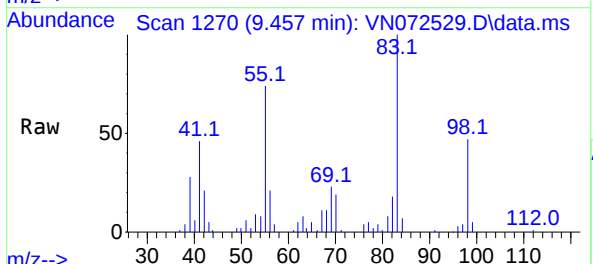
Tgt Ion:130 Resp: 4465
Ion Ratio Lower Upper
130 100
95 101.3 76.6 115.0

Manual Integrations
APPROVED

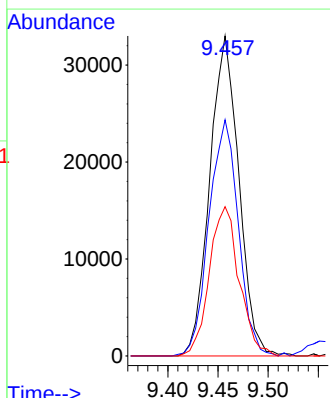
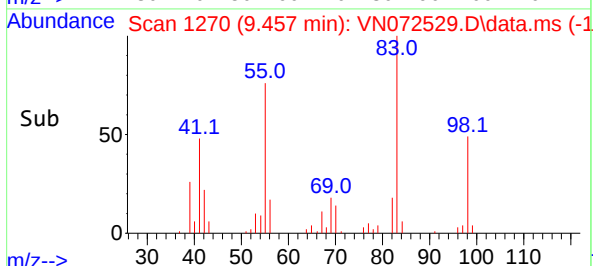
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

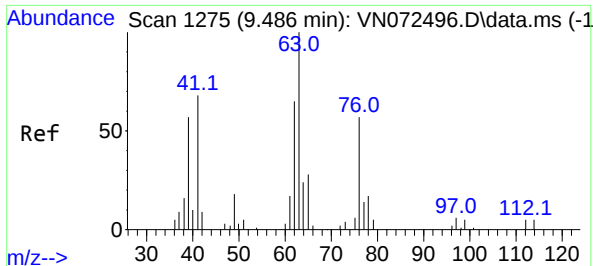


#38
Methylcyclohexane
Concen: 19.960 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion: 83 Resp: 66511
Ion Ratio Lower Upper
83 100
55 74.5 35.1 105.3
98 47.9 23.4 70.2





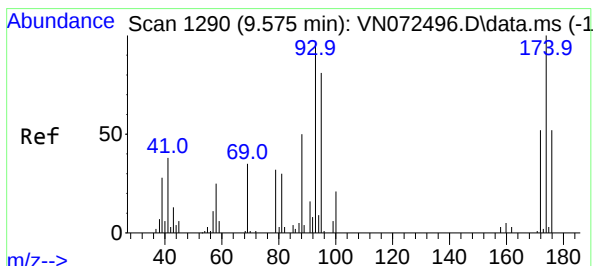
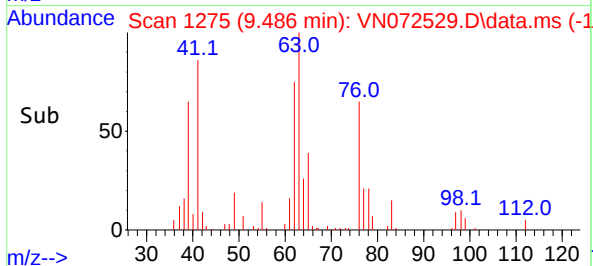
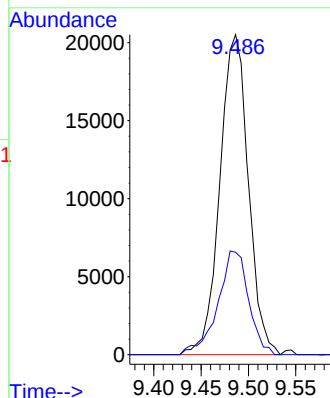
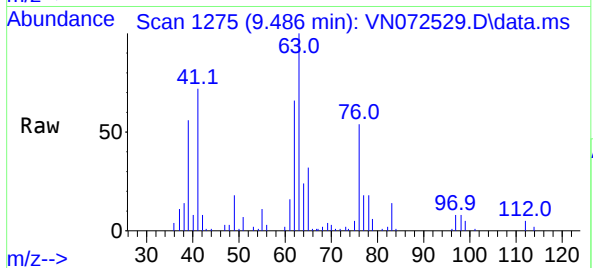
#39
1,2-Dichloropropane
Concen: 20.821 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 63 Resp: 4295
Ion Ratio Lower Upper
63 100
65 32.0 24.2 36.4

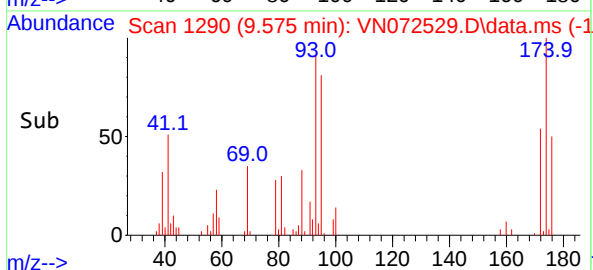
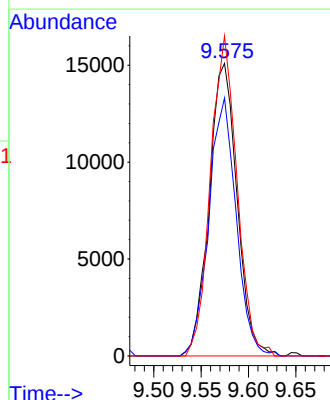
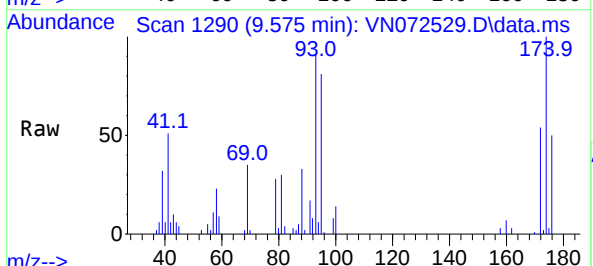
Manual Integrations
APPROVED

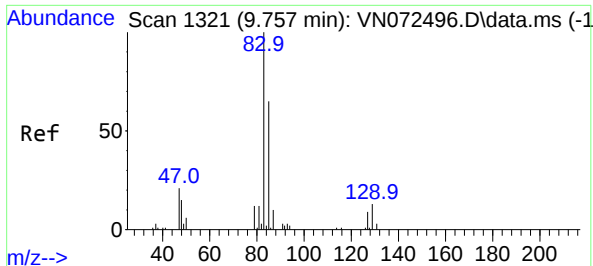
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#40
Dibromomethane
Concen: 19.408 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

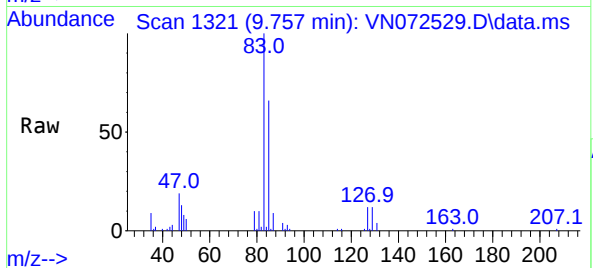
Tgt Ion: 93 Resp: 30906
Ion Ratio Lower Upper
93 100
95 86.2 0.0 168.8
174 103.9 0.0 173.6





#41
Bromodichloromethane
Concen: 19.490 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

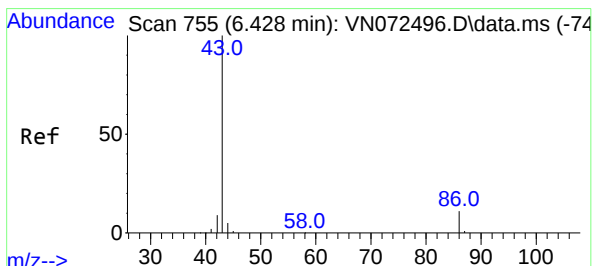
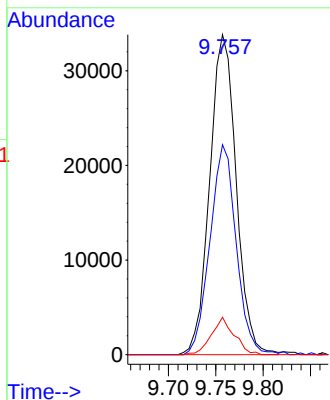
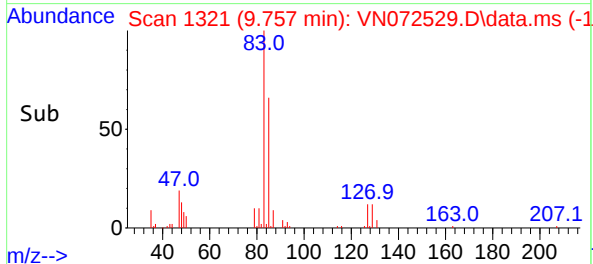
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



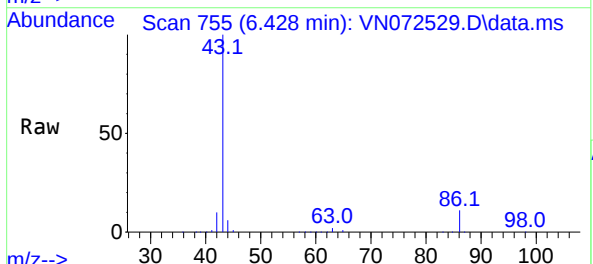
Tgt Ion: 83 Resp: 6575
Ion Ratio Lower Upper
83 100
85 65.6 54.1 81.1
127 11.7 7.6 11.4

Manual Integrations
APPROVED

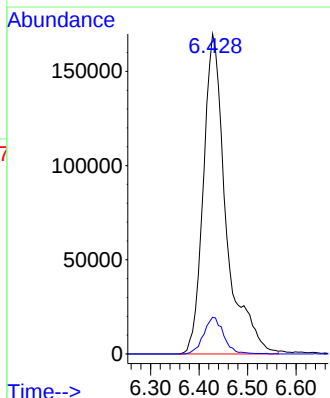
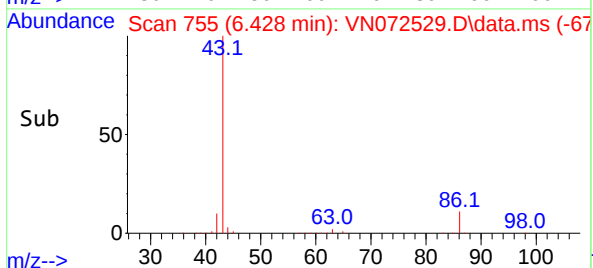
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

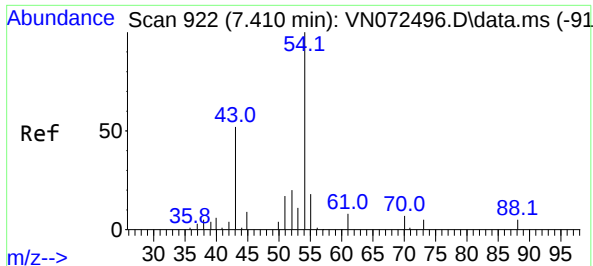


#42
Vinyl Acetate
Concen: 98.356 ug/l m
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



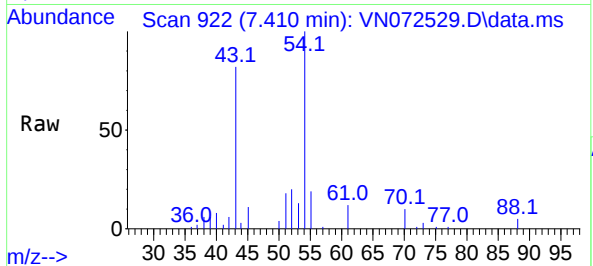
Tgt Ion: 43 Resp: 552222
Ion Ratio Lower Upper
43 100
86 9.8 7.5 11.3





#43
Ethyl Acetate
Concen: 19.658 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

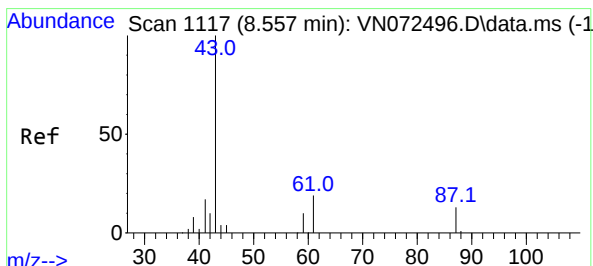
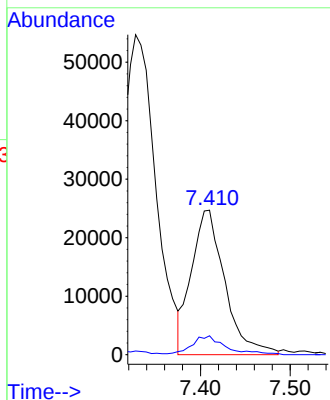
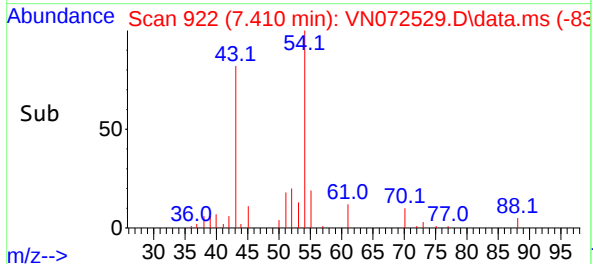
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



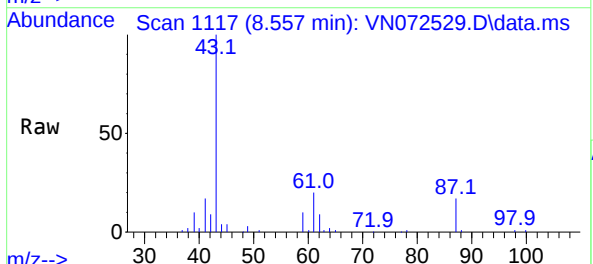
Tgt Ion: 43 Resp: 6403
Ion Ratio Lower Upper
43 100
45 10.5 10.6 16.0

Manual Integrations
APPROVED

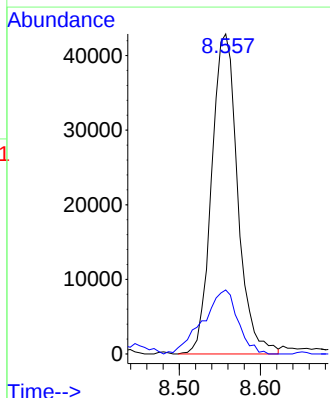
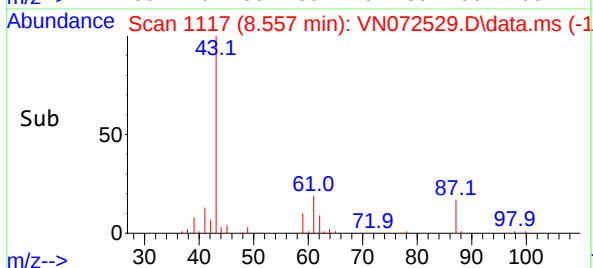
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

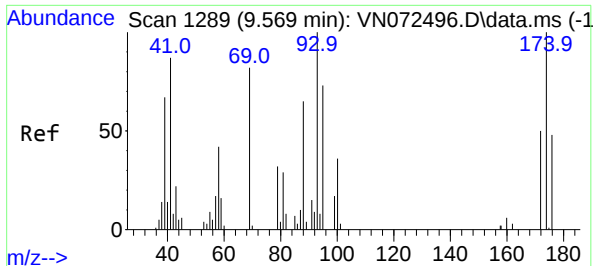


#44
Isopropyl Acetate
Concen: 18.320 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



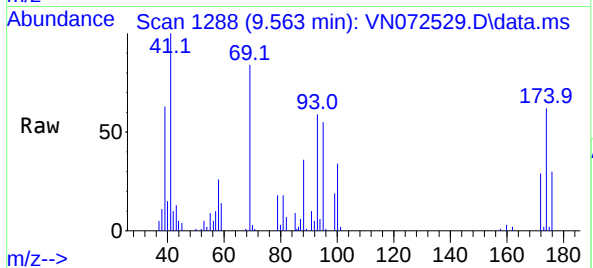
Tgt Ion: 43 Resp: 95534
Ion Ratio Lower Upper
43 100
61 26.9 20.1 30.1





#45
1,4-Dioxane
Concen: 298.146 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

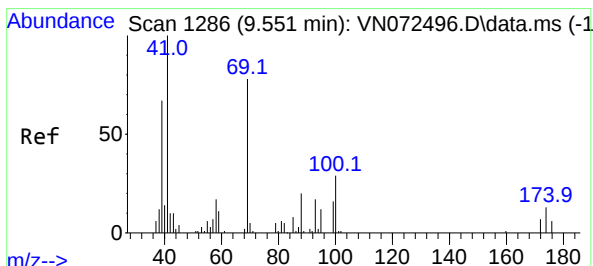
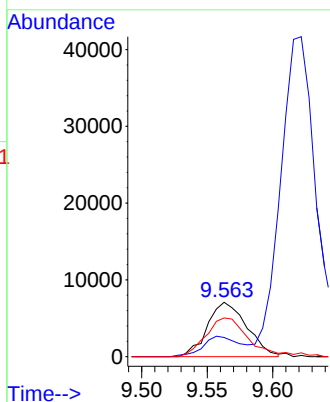
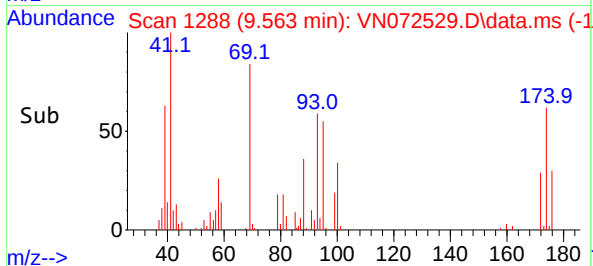
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



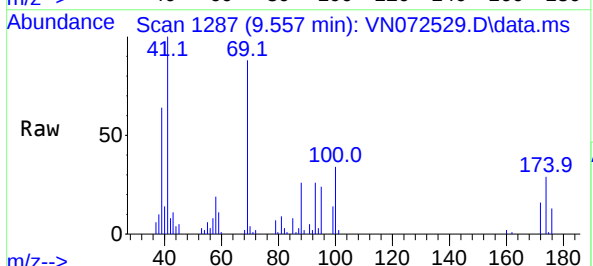
Tgt Ion: 88 Resp: 1480
Ion Ratio Lower Upper
88 100
43 35.1 25.0 37.6
58 78.4 49.4 74.2

Manual Integrations
APPROVED

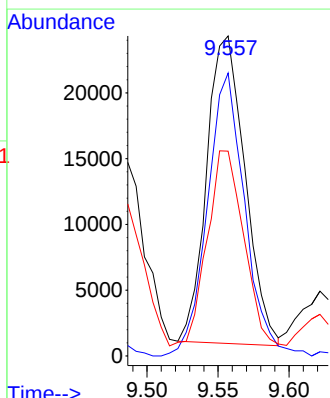
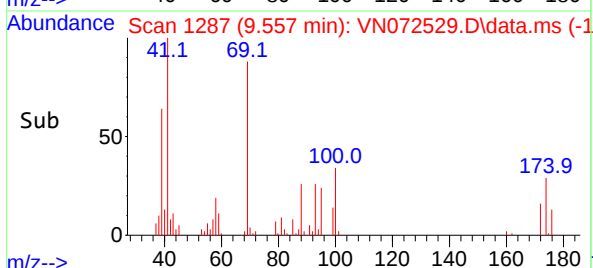
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

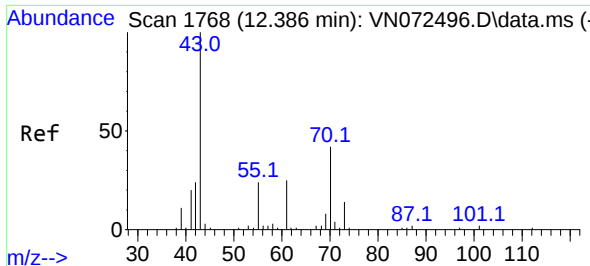


#46
Methyl methacrylate
Concen: 17.742 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion: 41 Resp: 43778
Ion Ratio Lower Upper
41 100
69 90.3 44.4 133.2
39 63.2 39.9 119.6





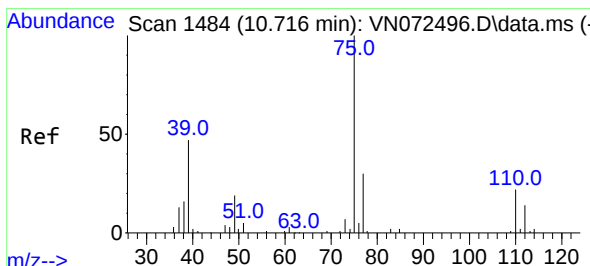
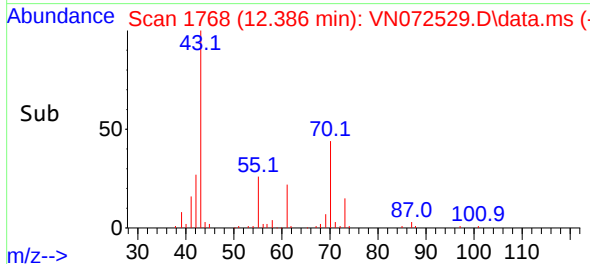
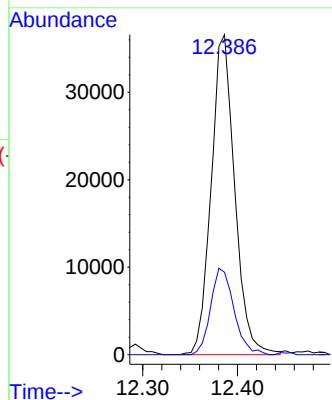
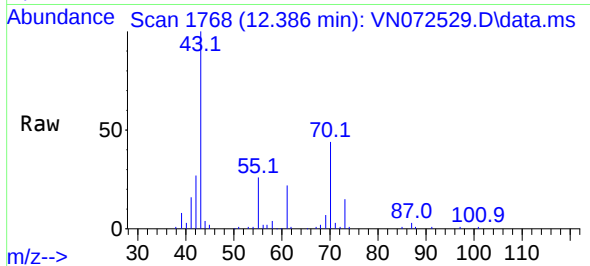
#47
n-amyl acetate
Concen: 18.081 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 43 Resp: 63118
Ion Ratio Lower Upper
43 100
55 26.8 19.0 28.6

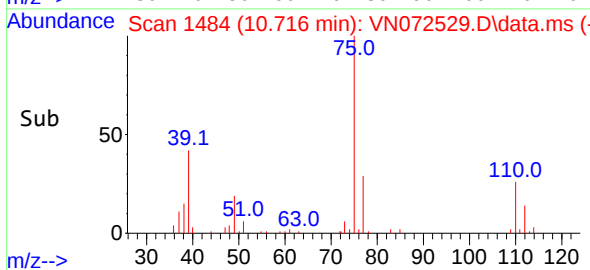
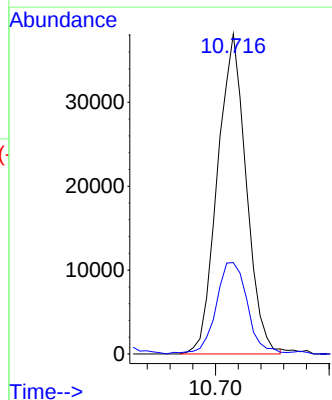
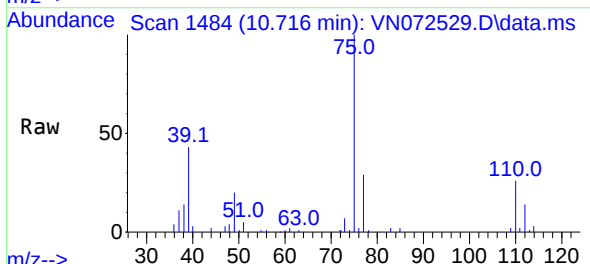
Manual Integrations
APPROVED

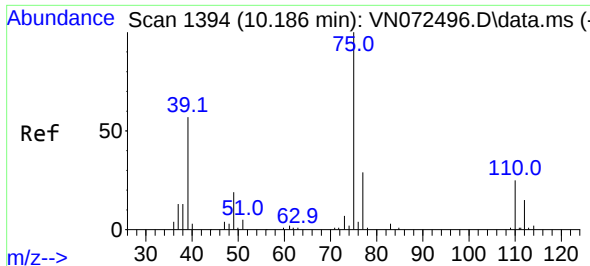
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#48
t-1,3-Dichloropropene
Concen: 18.816 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

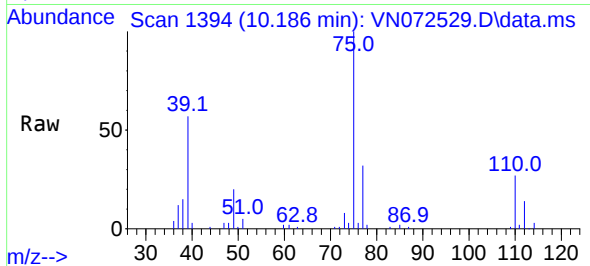
Tgt Ion: 75 Resp: 67017
Ion Ratio Lower Upper
75 100
77 28.1 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 19.845 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

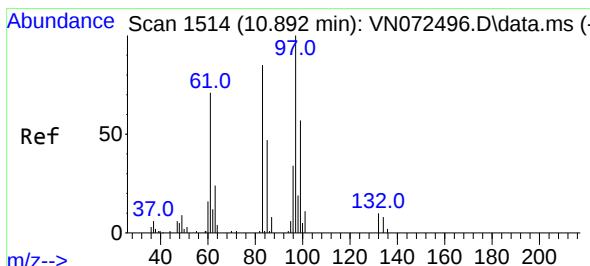
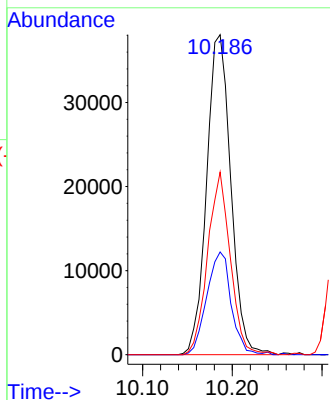
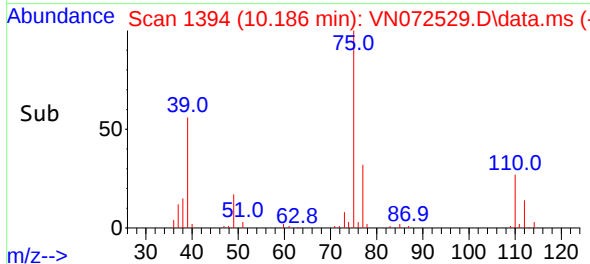
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 75 Resp: 7124
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 57.0 46.2 69.4

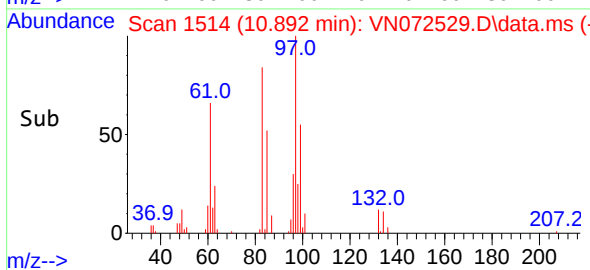
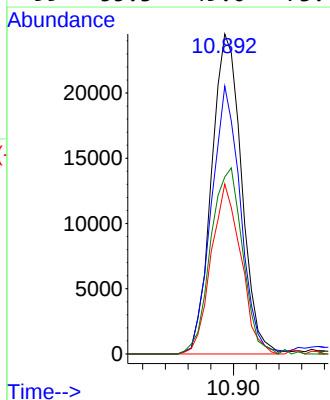
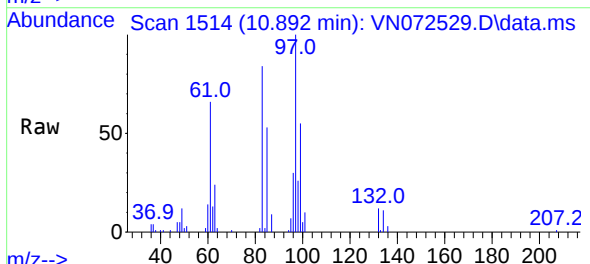
Manual Integrations
APPROVED

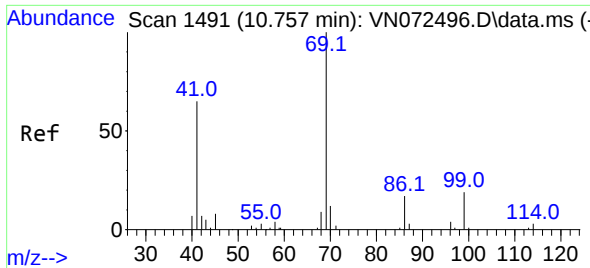
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
1,1,2-Trichloroethane
Concen: 20.457 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Tgt Ion: 97 Resp: 44933
Ion Ratio Lower Upper
97 100
83 83.7 67.2 100.8
85 53.1 43.0 64.4
99 55.3 49.0 73.4





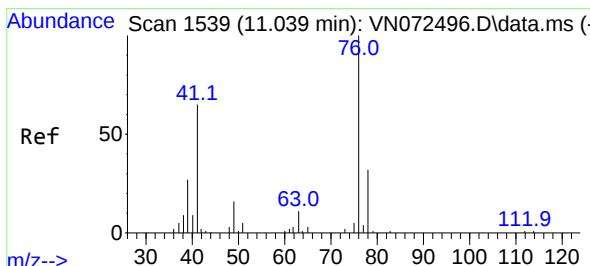
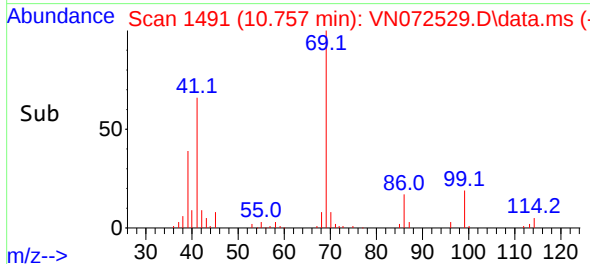
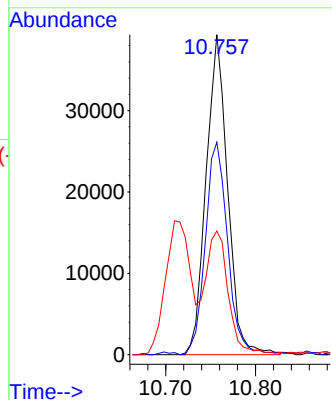
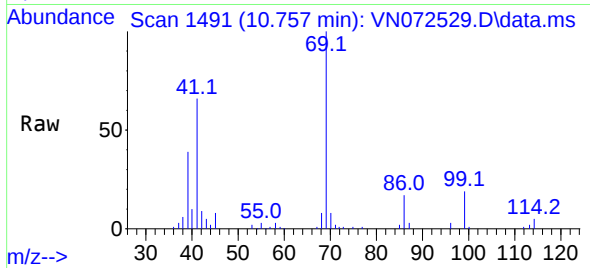
#51
Ethyl methacrylate
Concen: 19.149 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 69 Resp: 65588
Ion Ratio Lower Upper
69 100
41 66.4 33.0 98.9
39 38.0 25.4 76.4

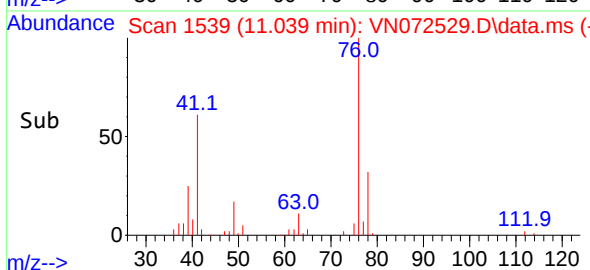
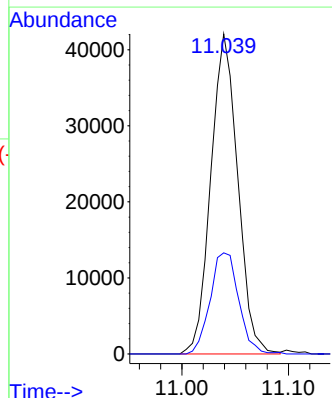
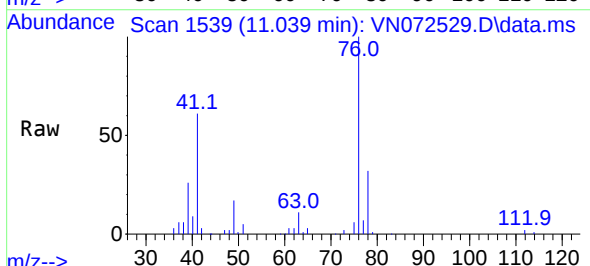
Manual Integrations
APPROVED

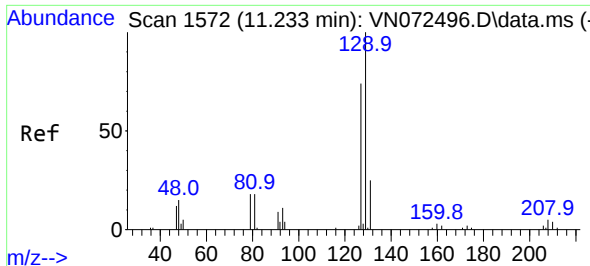
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#52
1,3-Dichloropropane
Concen: 19.460 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

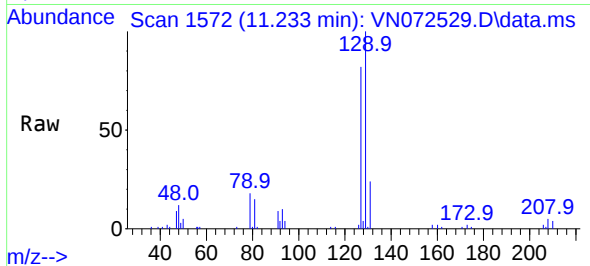
Tgt Ion: 76 Resp: 73852
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.4





#53
Dibromochloromethane
Concen: 19.641 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

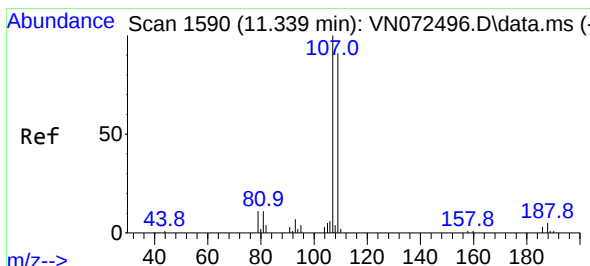
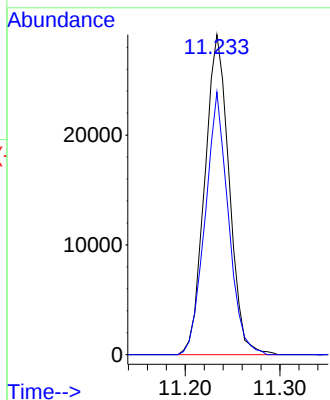
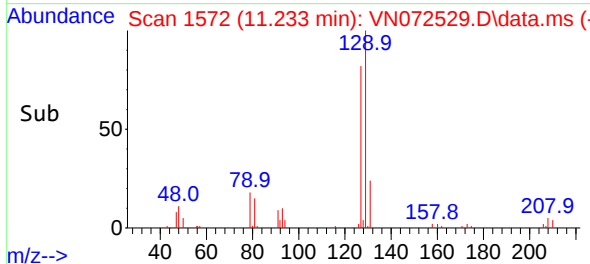
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



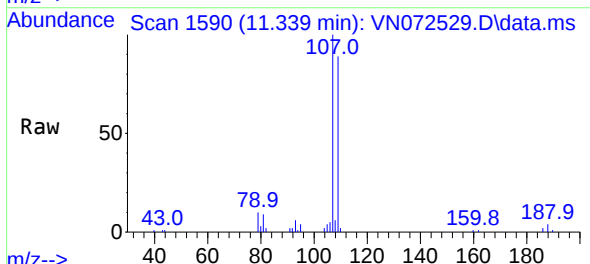
Tgt Ion:129 Resp: 52089
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

Manual Integrations
APPROVED

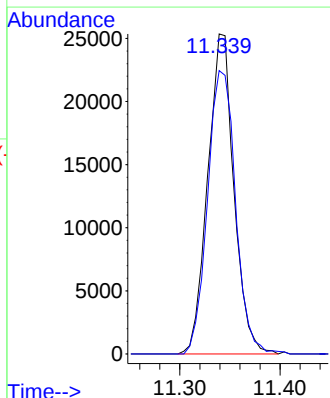
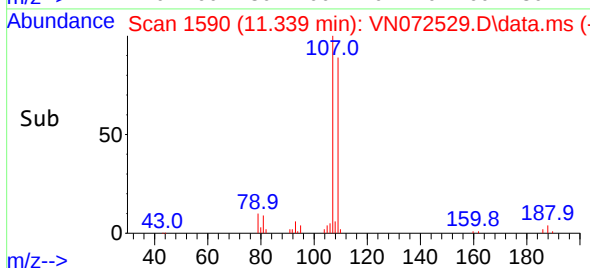
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

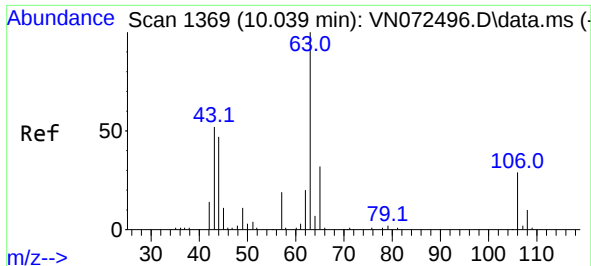


#54
1,2-Dibromoethane
Concen: 19.697 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion:107 Resp: 46021
Ion Ratio Lower Upper
107 100
109 94.1 72.8 109.2





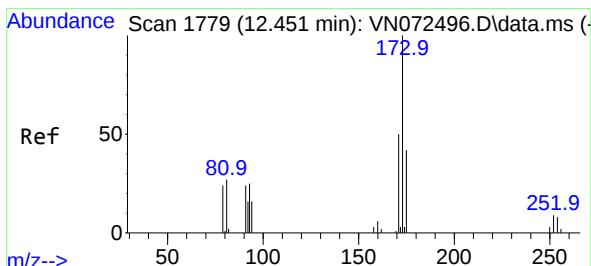
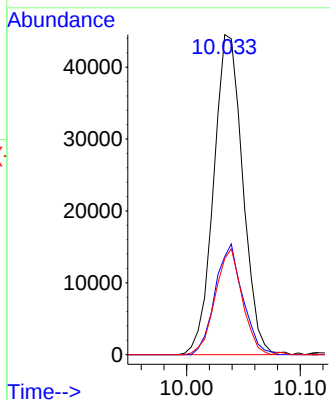
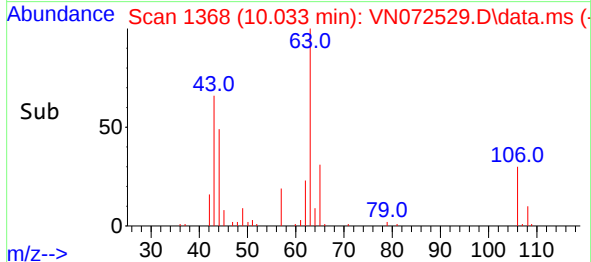
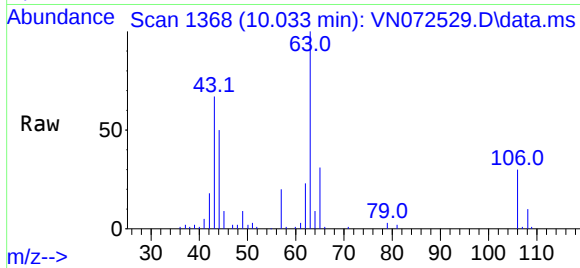
#55
2-Chloroethyl vinyl ether
Concen: 91.092 ug/l
RT: 10.033 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 63 Resp: 79164
Ion Ratio Lower Upper
63 100
65 32.8 25.4 38.0
106 30.6 23.2 34.8

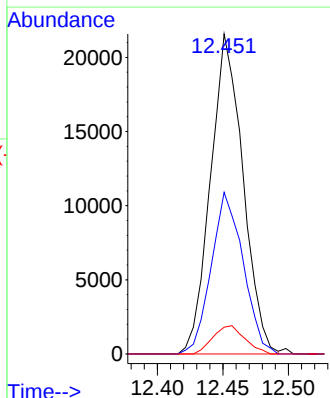
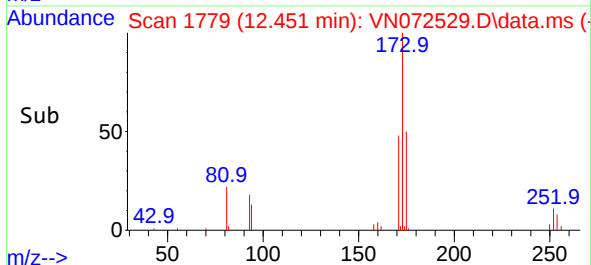
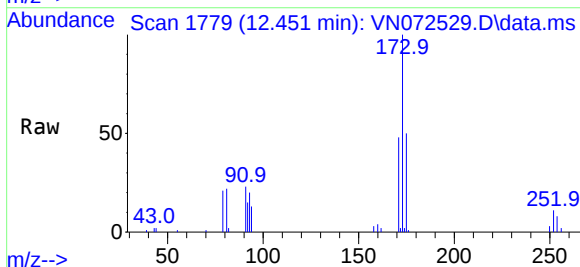
Manual Integrations
APPROVED

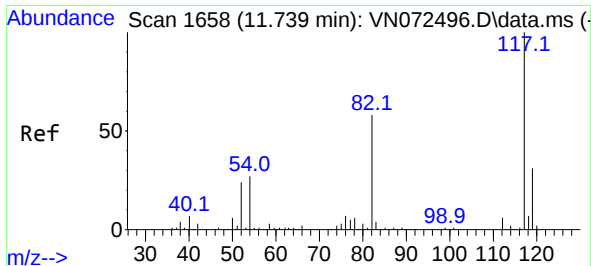
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#56
Bromoform
Concen: 18.544 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Tgt Ion:173 Resp: 37090
Ion Ratio Lower Upper
173 100
175 49.7 38.6 58.0
254 8.7 0.0 0.0#





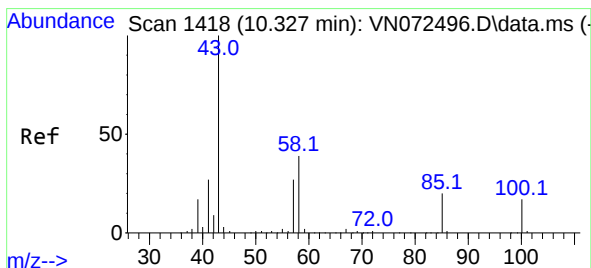
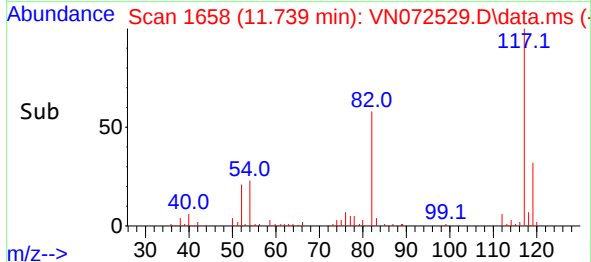
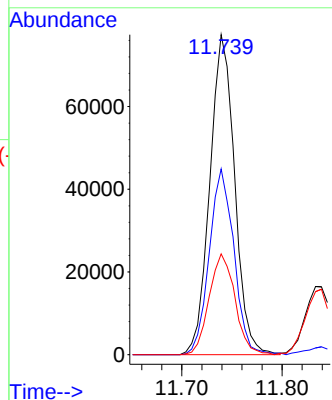
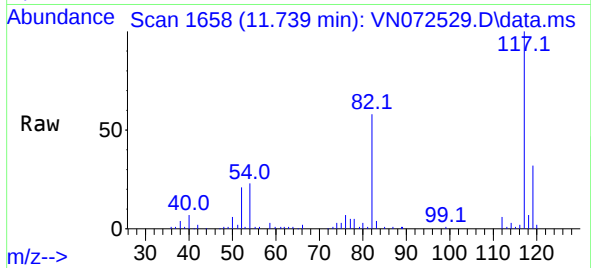
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion:117 Resp: 133024
Ion Ratio Lower Upper
117 100
82 57.7 43.6 65.4
119 32.8 25.8 38.6

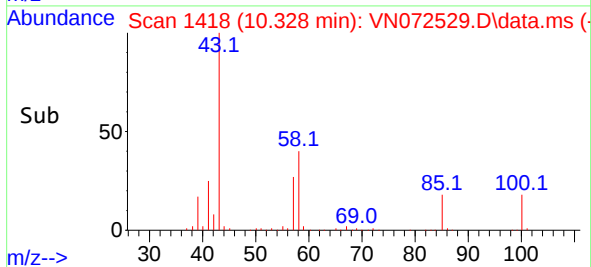
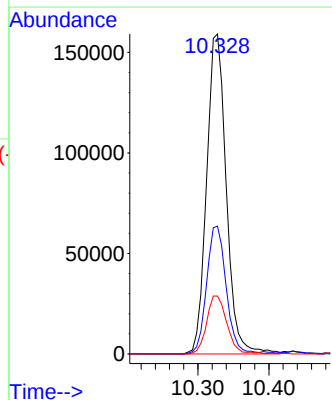
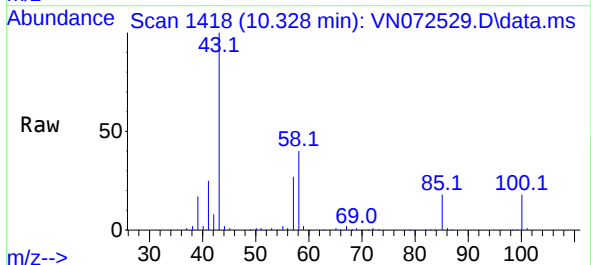
Manual Integrations
APPROVED

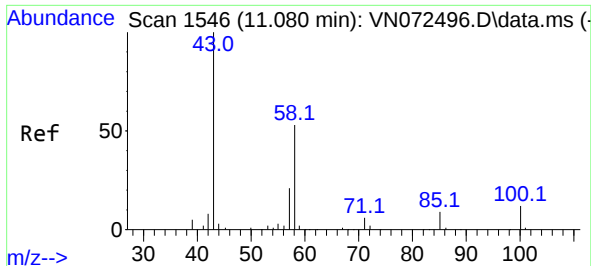
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#58
4-Methyl-2-Pentanone
Concen: 97.805 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

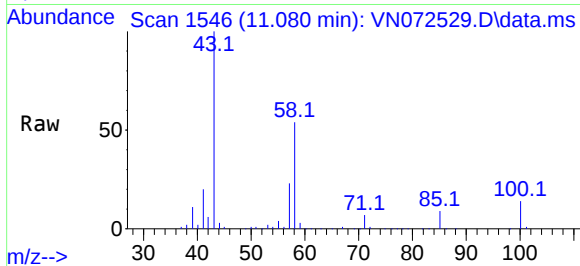
Tgt Ion: 43 Resp: 306570
Ion Ratio Lower Upper
43 100
58 39.7 30.0 45.0
85 18.4 15.0 22.6





#59
2-Hexanone
Concen: 93.191 ug/l
RT: 11.080 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

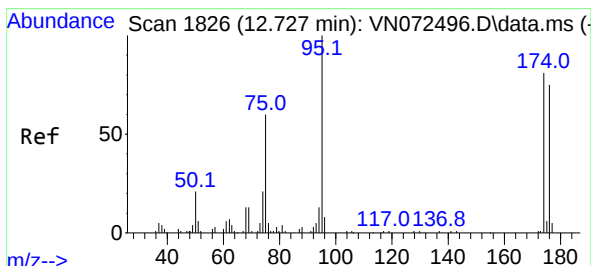
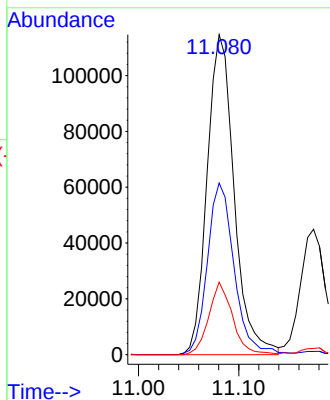
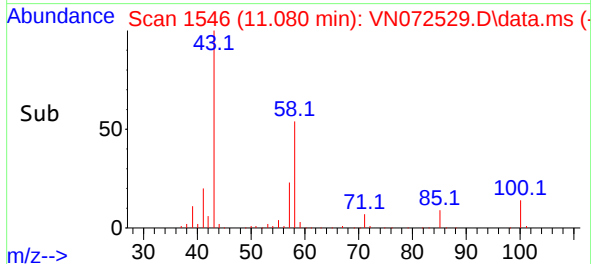
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



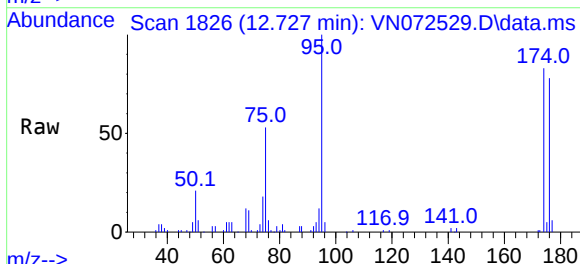
Tgt Ion: 43 Resp: 21459
Ion Ratio Lower Upper
43 100
58 52.4 42.2 63.2
57 20.0 15.0 22.4

Manual Integrations
APPROVED

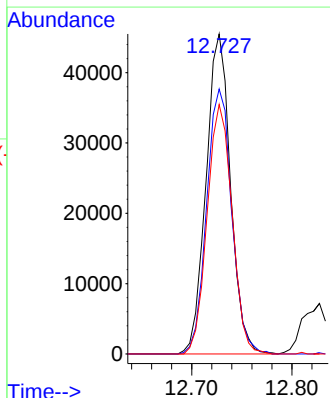
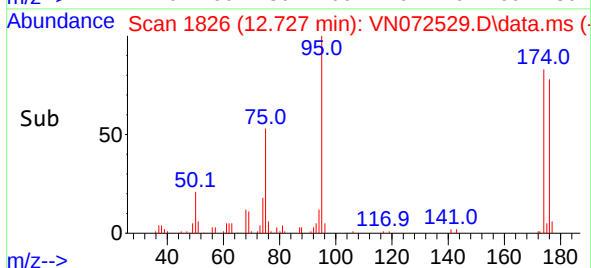
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

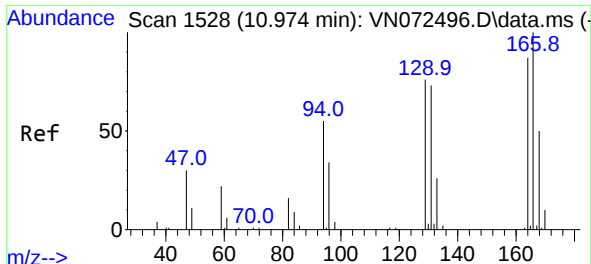


#60
4-Bromofluorobenzene
Concen: 29.704 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



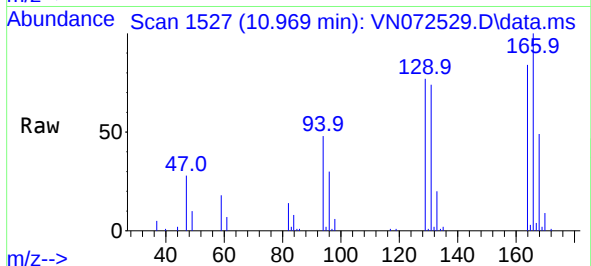
Tgt Ion: 95 Resp: 77153
Ion Ratio Lower Upper
95 100
174 85.1 62.9 94.3
176 79.3 61.0 91.4





#61
Tetrachloroethene
Concen: 22.506 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

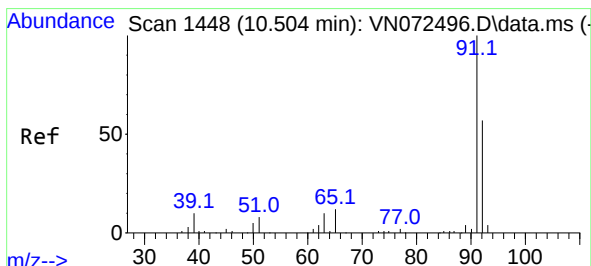
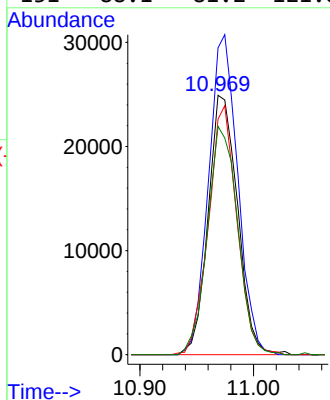
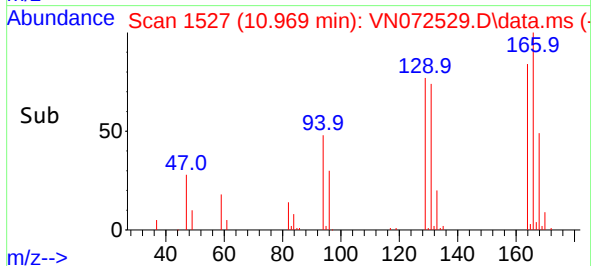
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



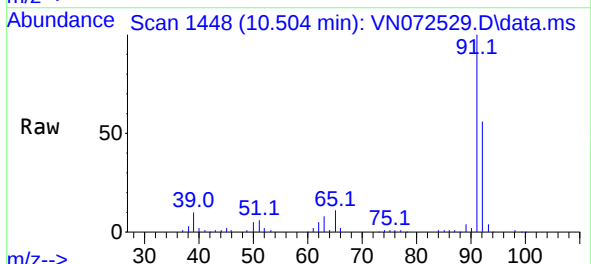
Tgt Ion:164 Resp: 44834
Ion Ratio Lower Upper
164 100
166 118.4 105.8 158.8
129 90.2 82.5 123.7
131 88.1 81.2 121.8

Manual Integrations
APPROVED

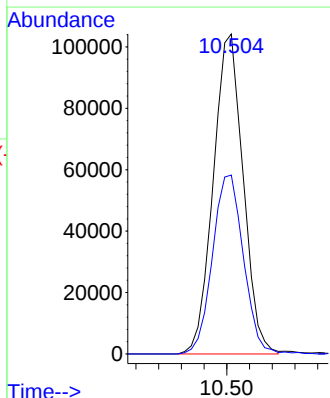
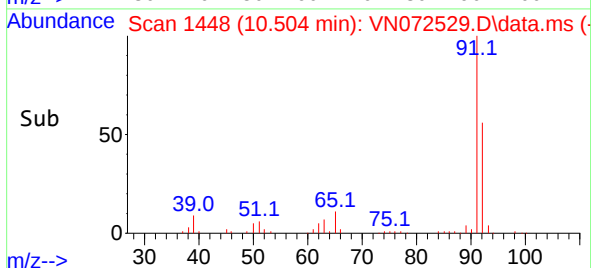
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

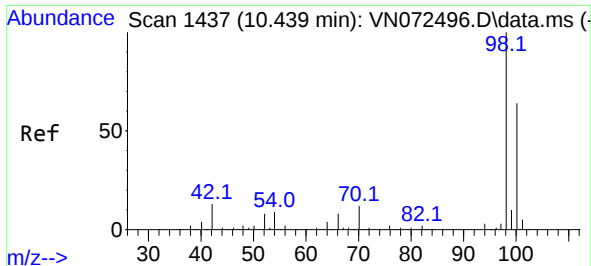


#62
Toluene
Concen: 21.192 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion: 91 Resp: 190446
Ion Ratio Lower Upper
91 100
92 57.6 44.6 67.0





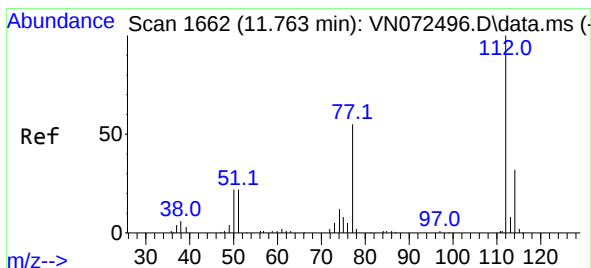
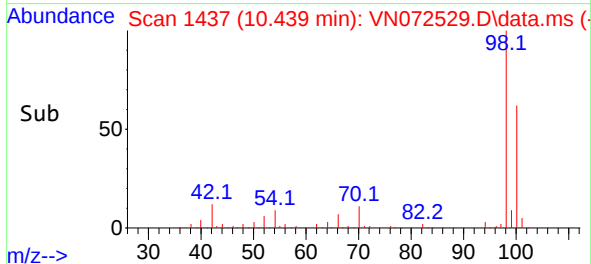
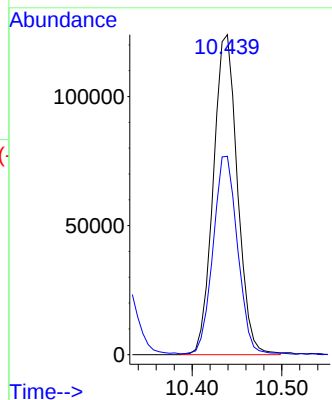
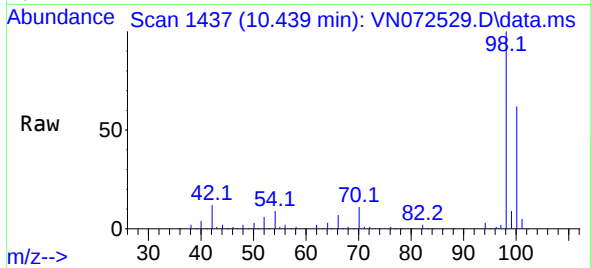
#63
Toluene-d8
Concen: 31.904 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 98 Resp: 231672
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0

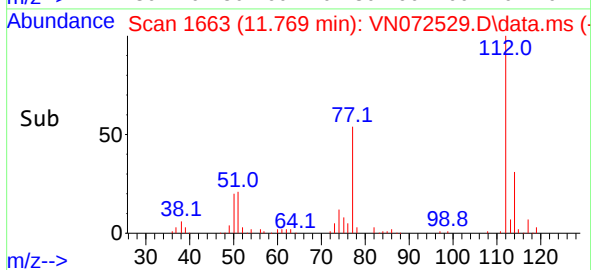
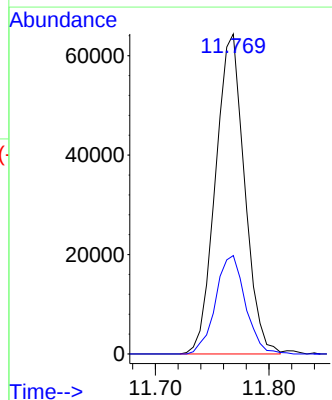
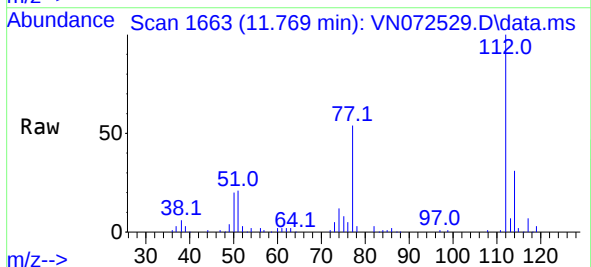
Manual Integrations
APPROVED

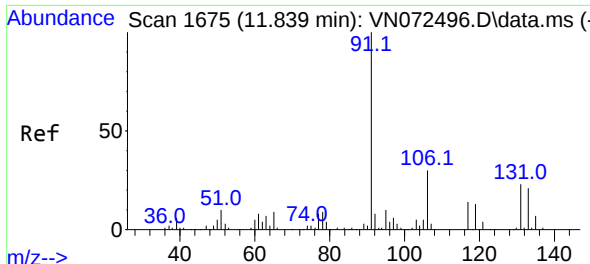
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#64
Chlorobenzene
Concen: 20.370 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Tgt Ion:112 Resp: 114190
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6





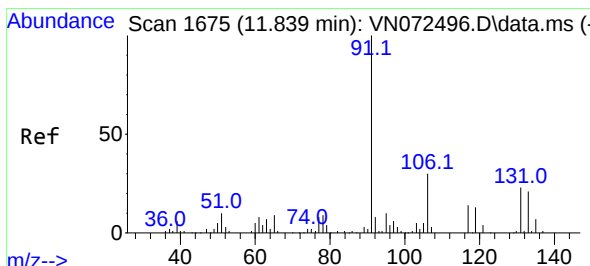
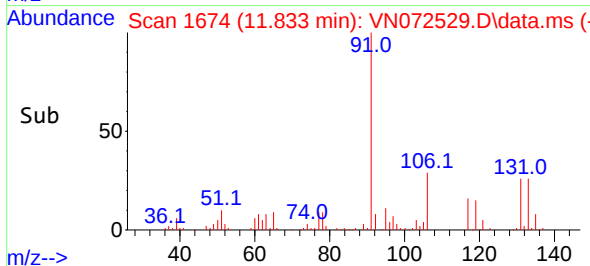
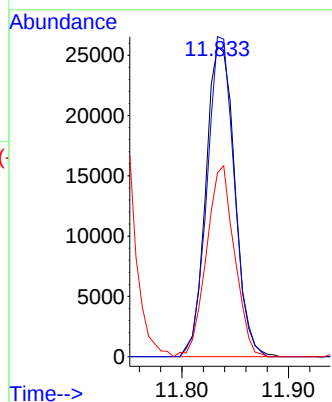
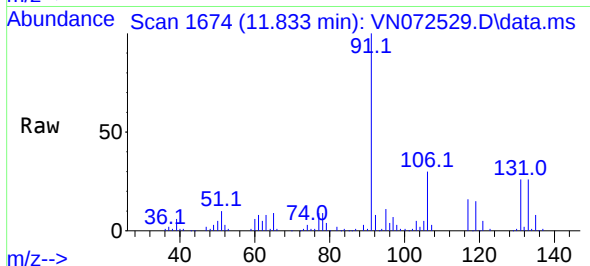
#65
1,1,1,2-Tetrachloroethane
Concen: 20.982 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion:131 Resp: 48634
Ion Ratio Lower Upper
131 100
133 96.7 0.0 191.2
119 59.5 0.0 128.8

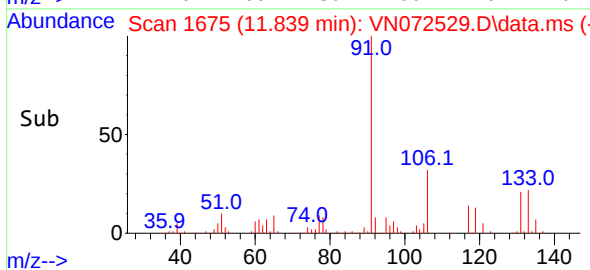
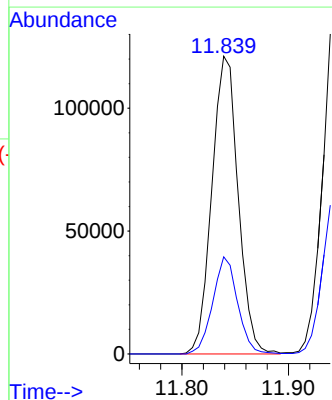
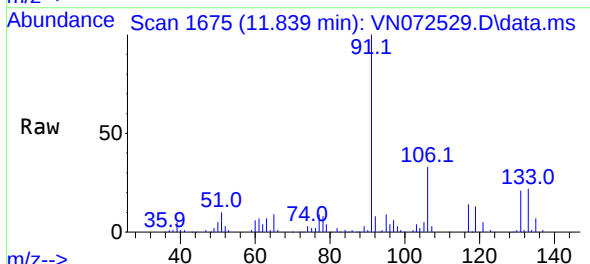
Manual Integrations
APPROVED

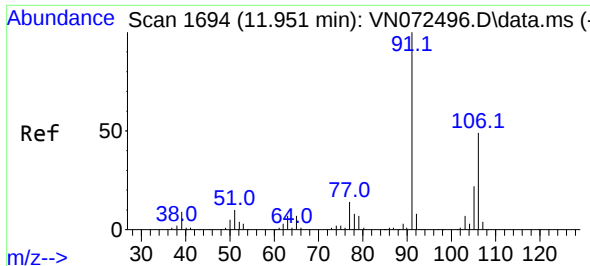
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#66
Ethyl Benzene
Concen: 20.544 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

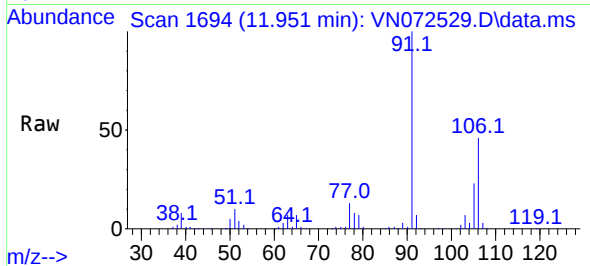
Tgt Ion: 91 Resp: 207668
Ion Ratio Lower Upper
91 100
106 32.6 24.0 36.0





#67
m/p-Xylenes
Concen: 42.539 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

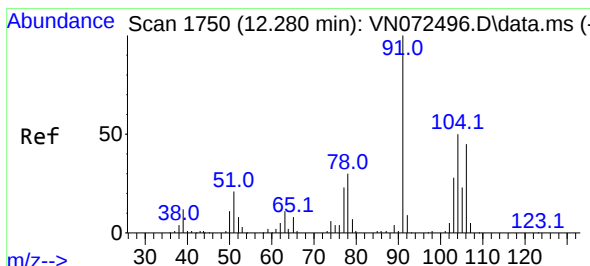
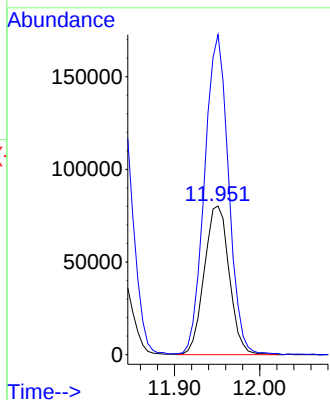
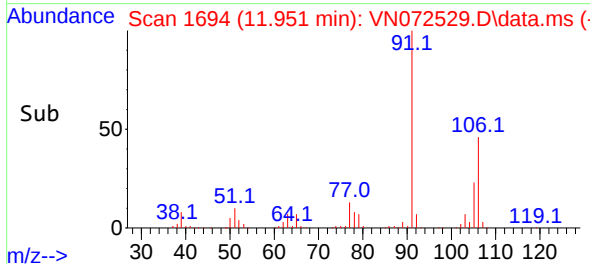
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



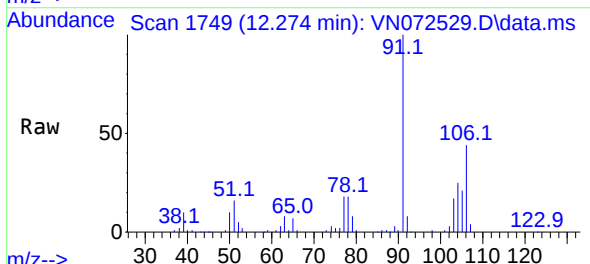
Tgt Ion:106 Resp: 163020
Ion Ratio Lower Upper
106 100
91 205.5 162.9 244.3

Manual Integrations
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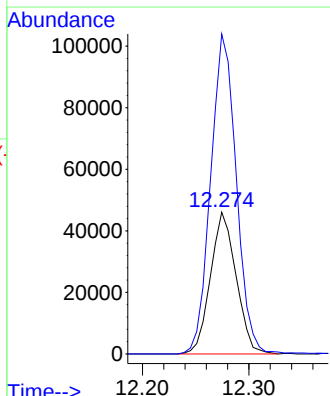
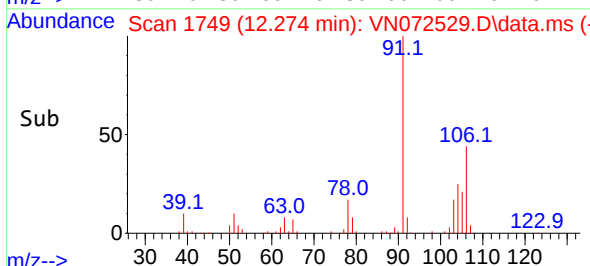
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

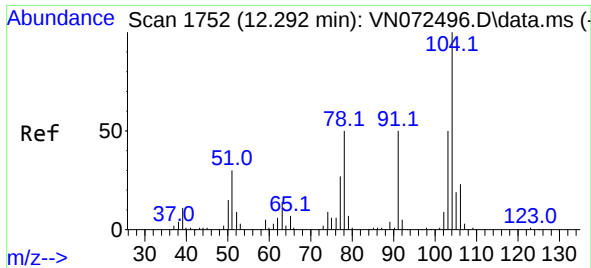


#68
o-Xylene
Concen: 20.353 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion:106 Resp: 77103
Ion Ratio Lower Upper
106 100
91 224.3 107.7 323.1





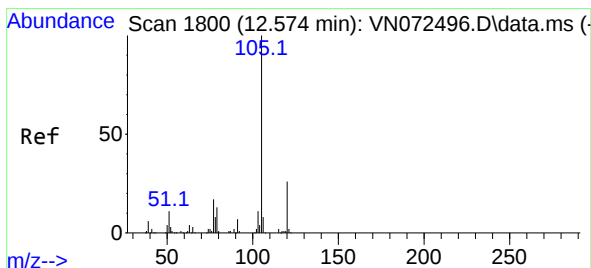
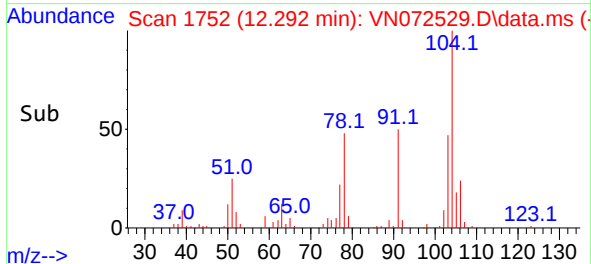
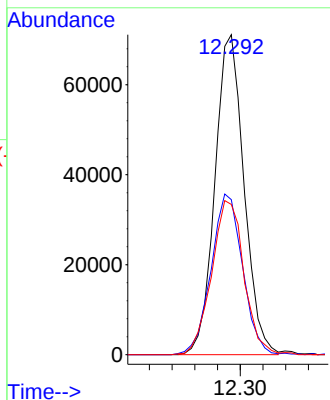
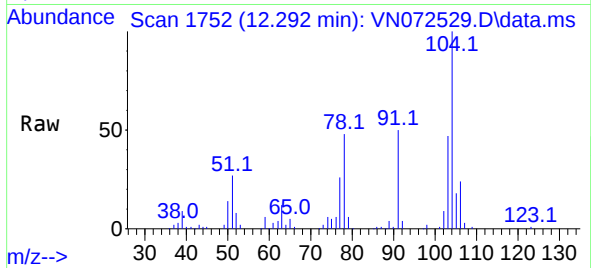
#69
Styrene
Concen: 20.967 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion:104 Resp: 126504
Ion Ratio Lower Upper
104 100
78 54.2 40.7 61.1
103 53.3 45.8 68.8

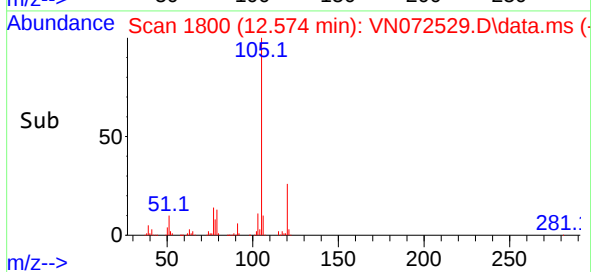
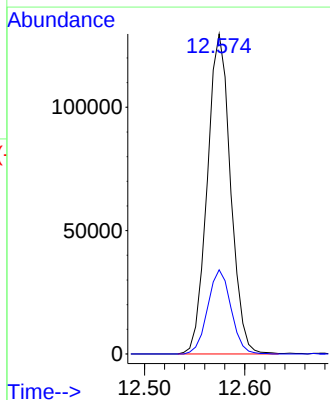
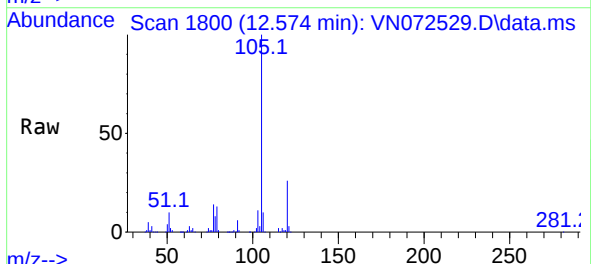
Manual Integrations
APPROVED

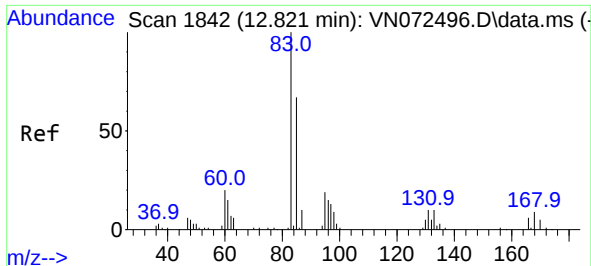
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Isopropylbenzene
Concen: 20.845 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Tgt Ion:105 Resp: 209541
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1





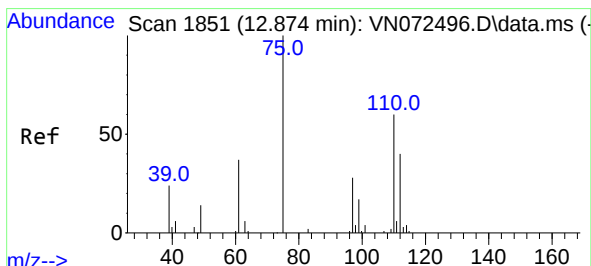
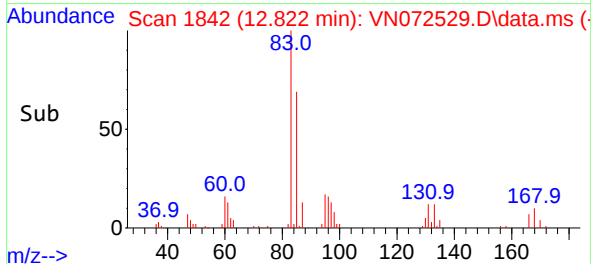
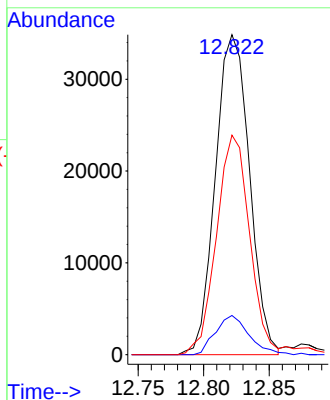
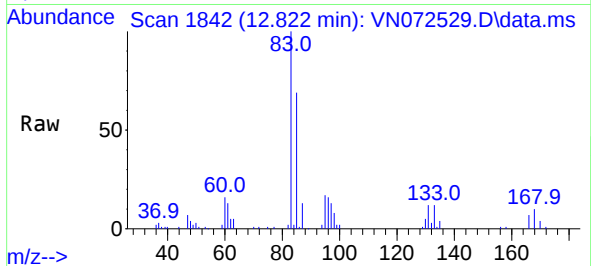
#71
1,1,2,2-Tetrachloroethane
Concen: 20.531 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 83 Resp: 63020
Ion Ratio Lower Upper
83 100
131 12.1 5.1 15.3
85 66.5 33.1 99.2

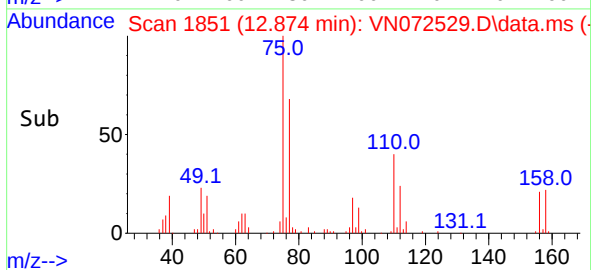
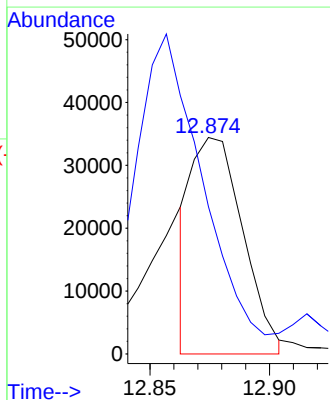
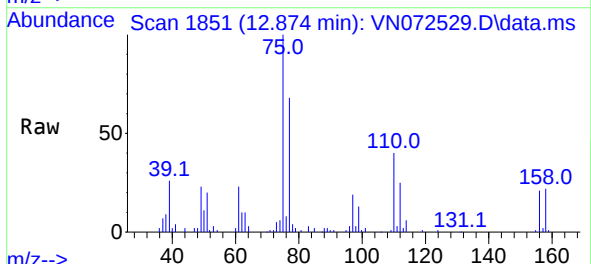
Manual Integrations
APPROVED

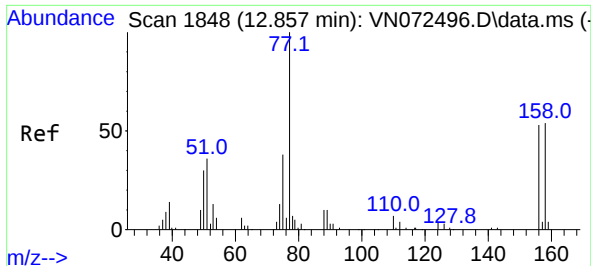
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#72
1,2,3-Trichloropropane
Concen: 17.876 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

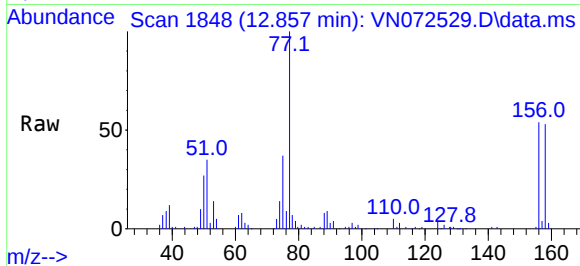
Tgt Ion: 75 Resp: 51466
Ion Ratio Lower Upper
75 100
77 197.5 0.0 378.0





#73
Bromobenzene
Concen: 20.259 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

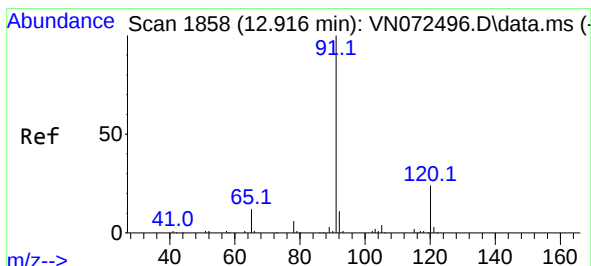
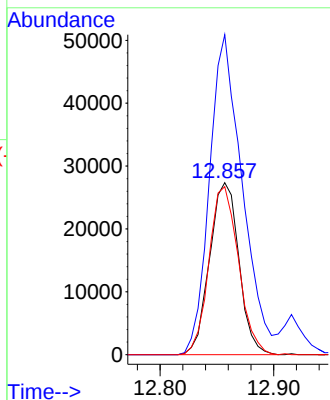
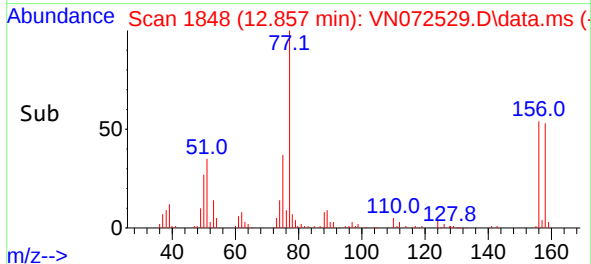
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion:156 Resp: 4901
Ion Ratio Lower Upper
156 100
77 207.4 0.0 416.0
158 98.7 0.0 195.4

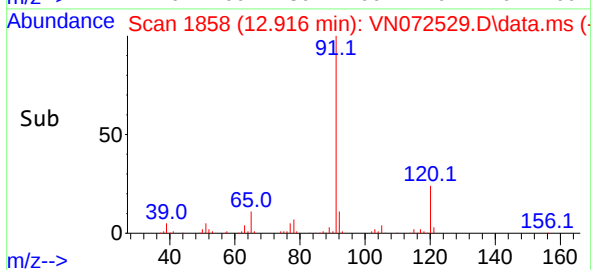
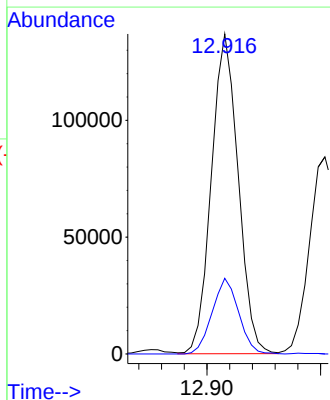
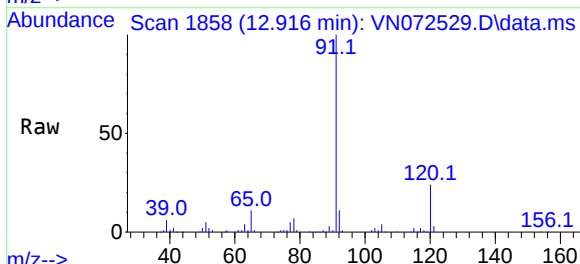
Manual Integrations
APPROVED

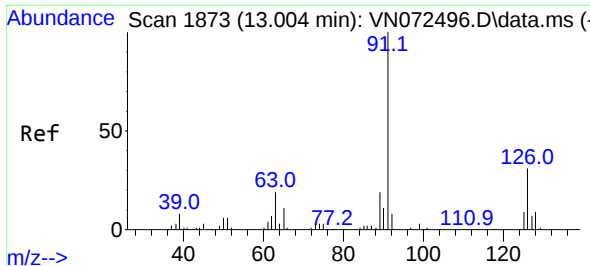
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#74
n-propylbenzene
Concen: 20.382 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Tgt Ion: 91 Resp: 224291
Ion Ratio Lower Upper
91 100
120 23.3 0.0 45.0





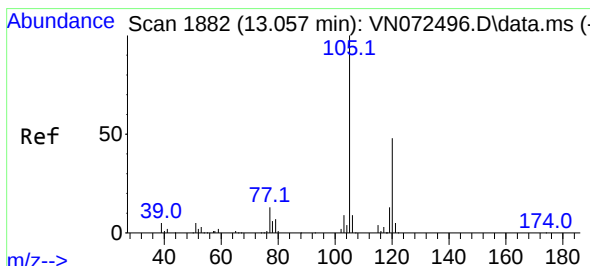
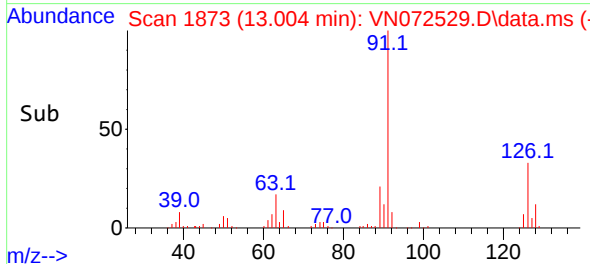
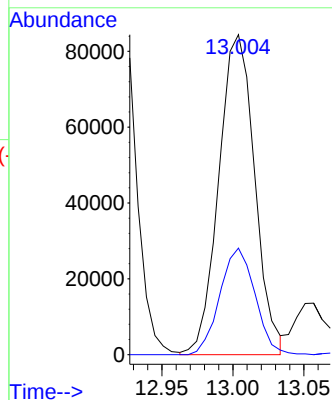
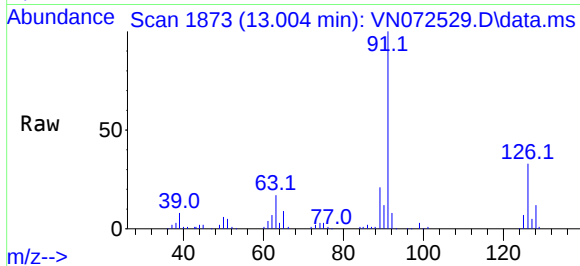
#75
2-Chlorotoluene
Concen: 20.913 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 91 Resp: 148694
Ion Ratio Lower Upper
91 100
126 32.6 0.0 69.8

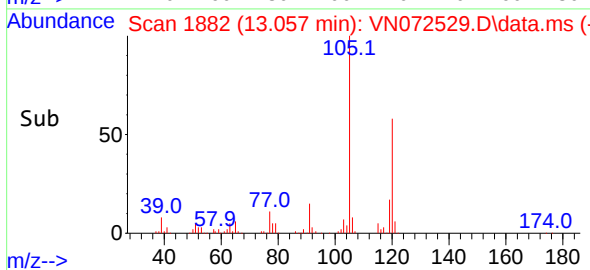
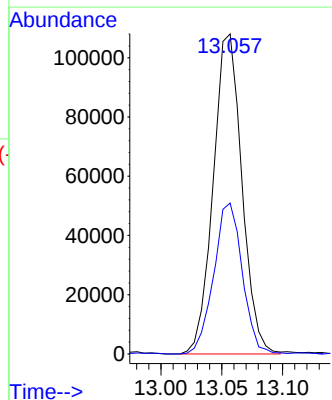
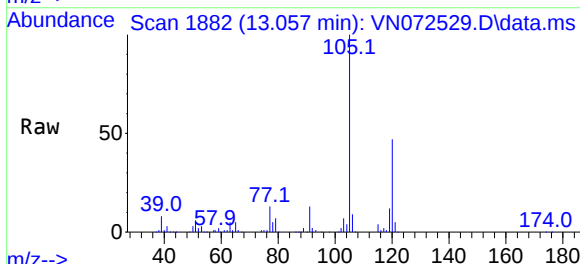
Manual Integrations
APPROVED

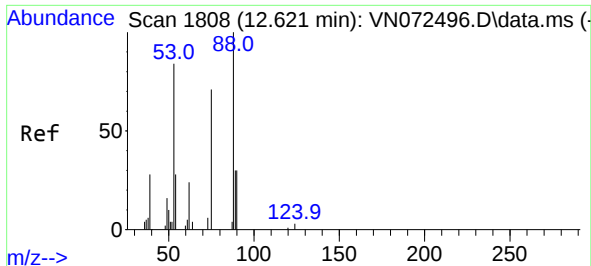
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.599 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

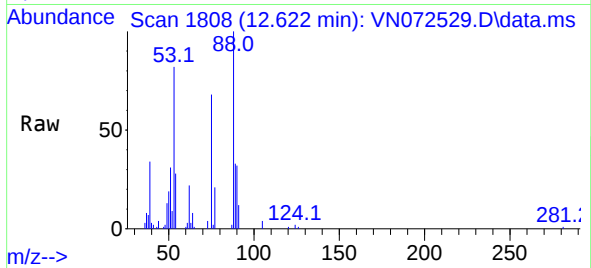
Tgt Ion:105 Resp: 177104
Ion Ratio Lower Upper
105 100
120 46.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.436 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

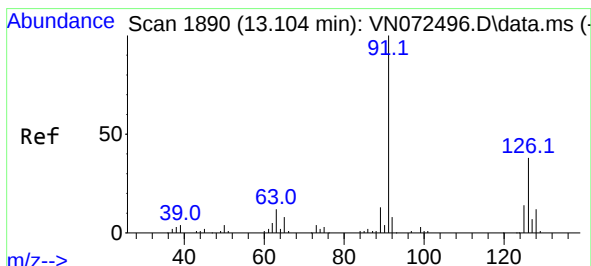
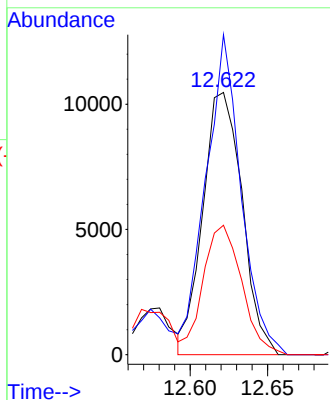
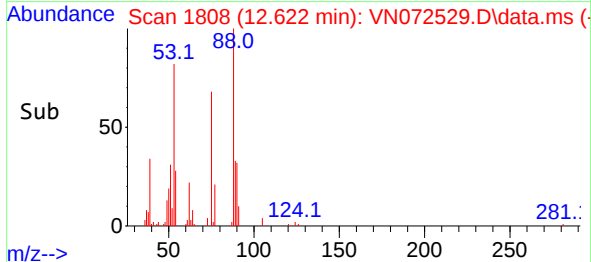
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



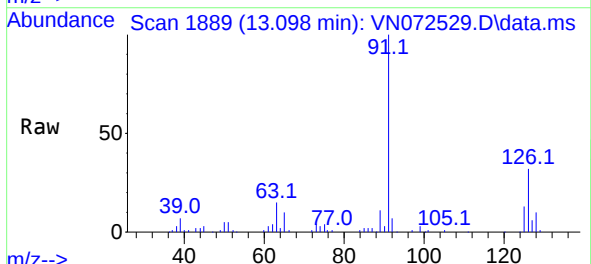
Tgt Ion: 75 Resp: 18489
Ion Ratio Lower Upper
75 100
53 118.2 51.8 155.5
89 47.9 22.9 68.7

Manual Integrations
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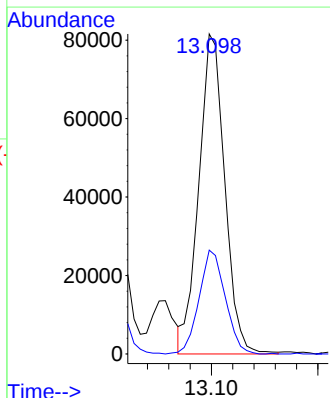
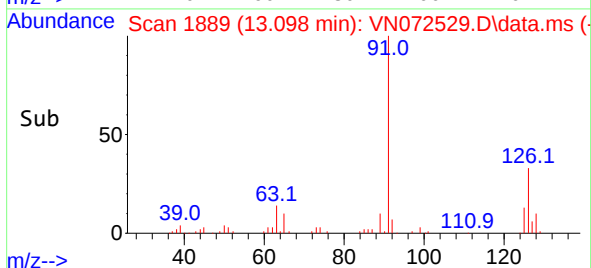
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

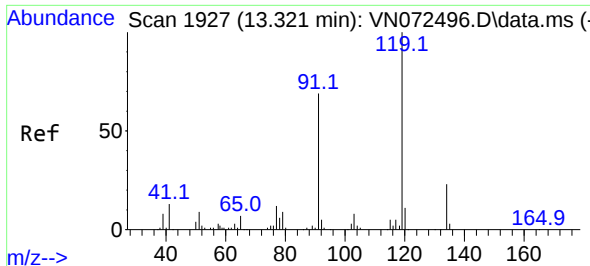


#78
4-Chlorotoluene
Concen: 20.693 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion: 91 Resp: 137898
Ion Ratio Lower Upper
91 100
126 32.7 0.0 70.6





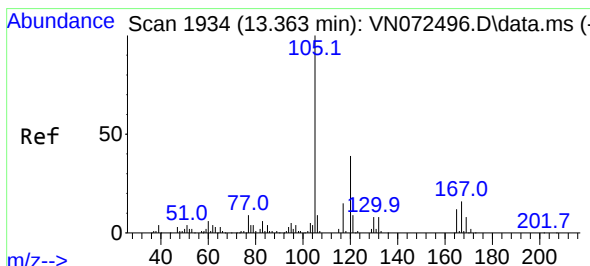
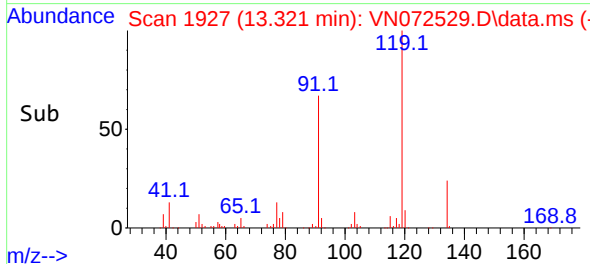
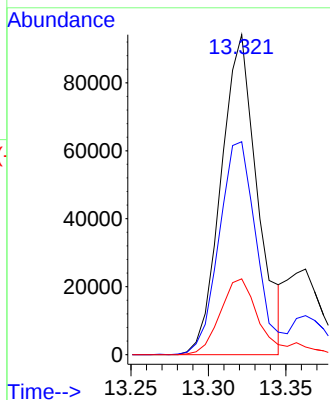
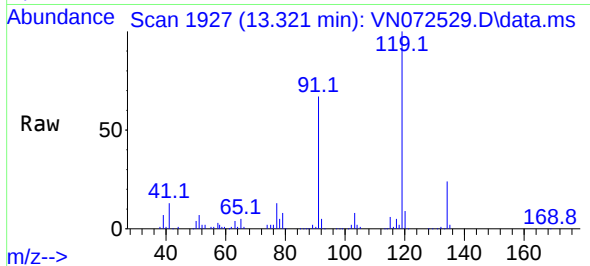
#79
tert-butylbenzene
Concen: 20.364 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion:119 Resp: 15383
Ion Ratio Lower Upper
119 100
91 68.9 0.0 137.0
134 24.5 0.0 47.6

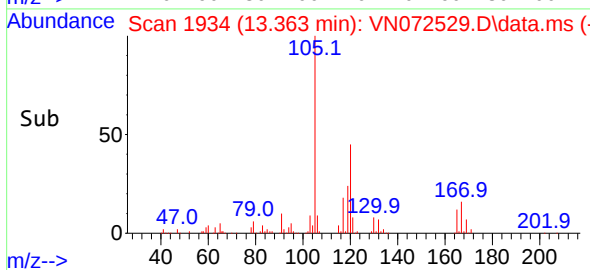
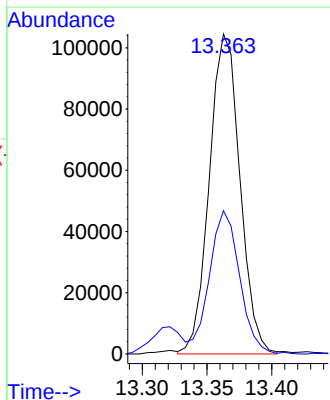
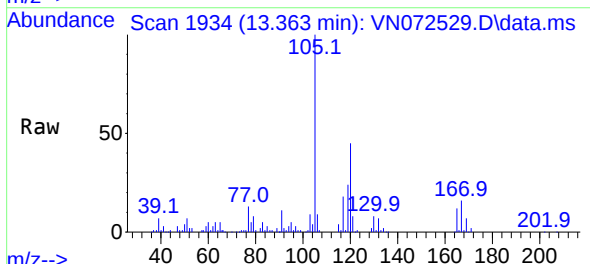
Manual Integrations
APPROVED

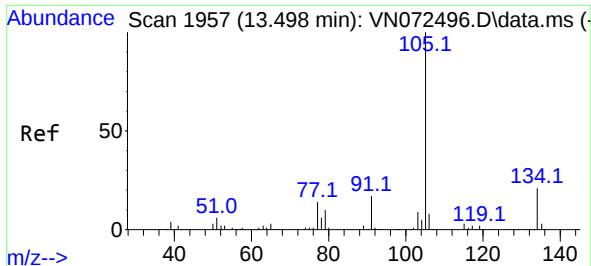
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.748 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

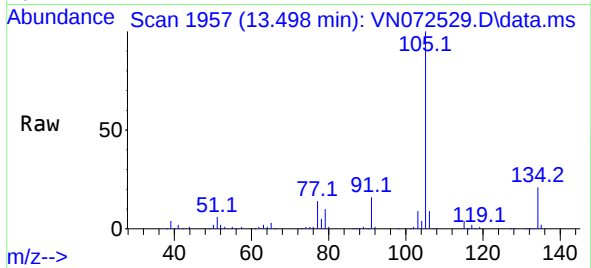
Tgt Ion:105 Resp: 171897
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 20.380 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072529.D
 Acq: 17 May 2022 14:32

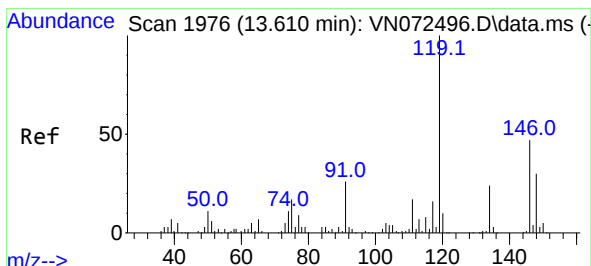
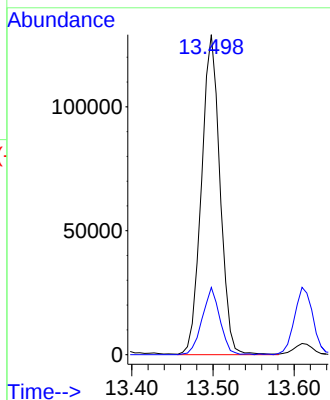
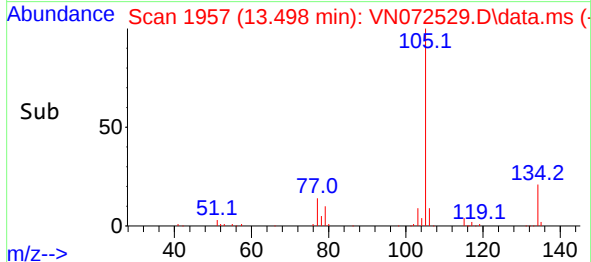
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01



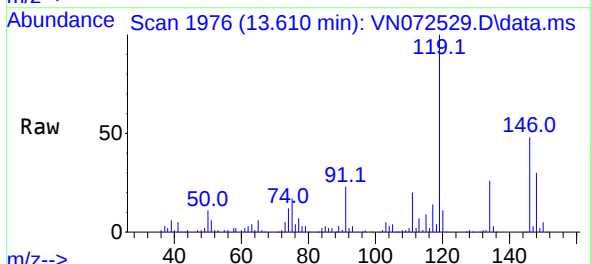
Tgt Ion:105 Resp: 204100
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4

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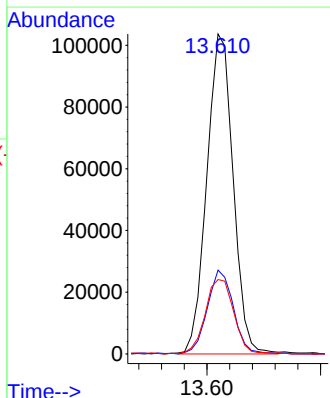
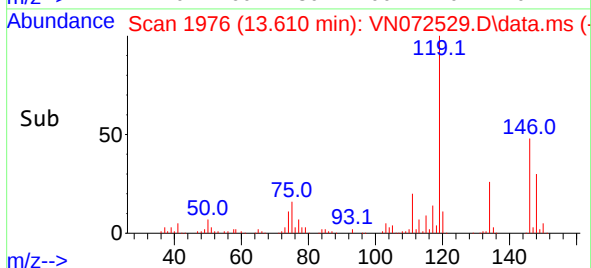
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

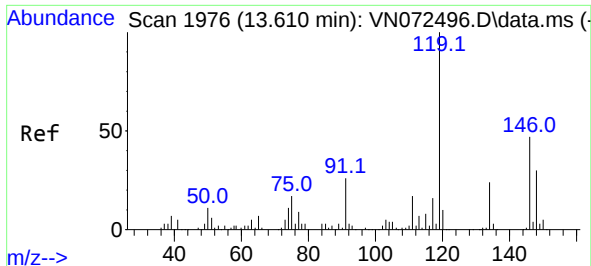


#82
 p-Isopropyltoluene
 Concen: 20.133 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072529.D
 Acq: 17 May 2022 14:32



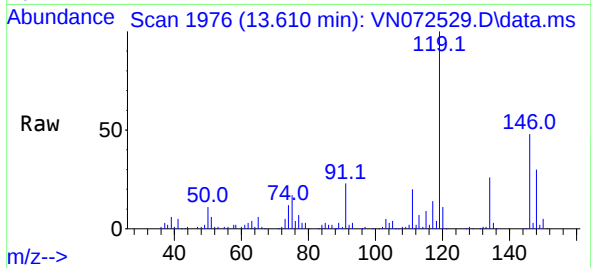
Tgt Ion:119 Resp: 166877
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 25.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.520 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

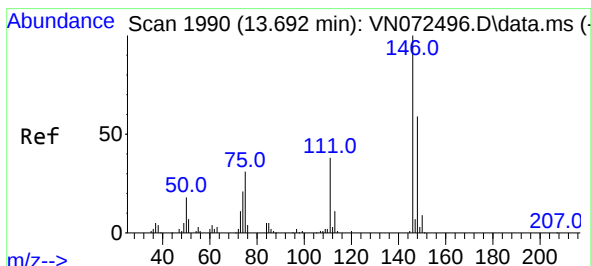
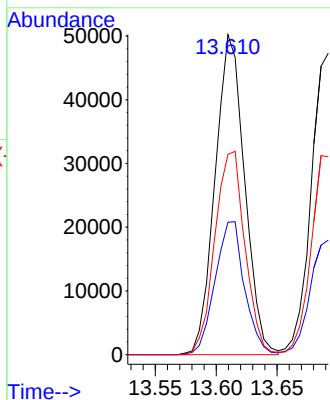
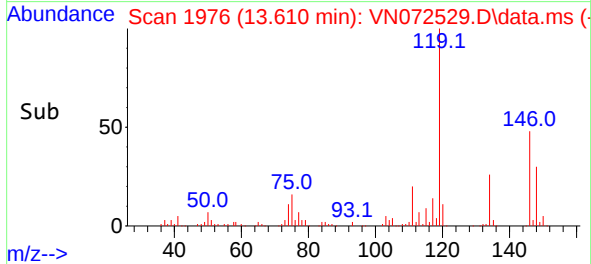
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



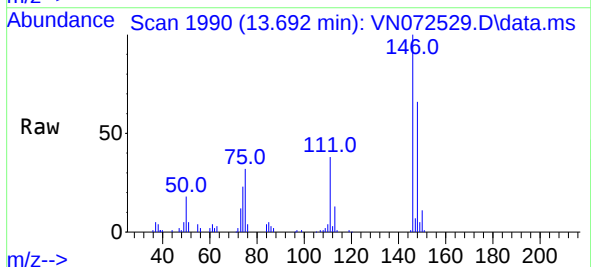
Tgt Ion:146 Resp: 8474
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.2
148 64.9 31.4 94.3

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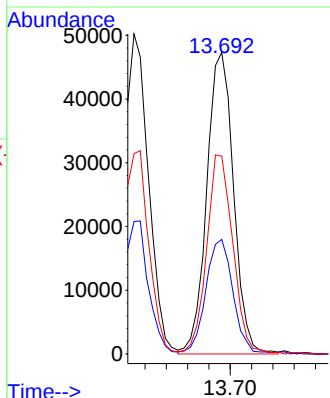
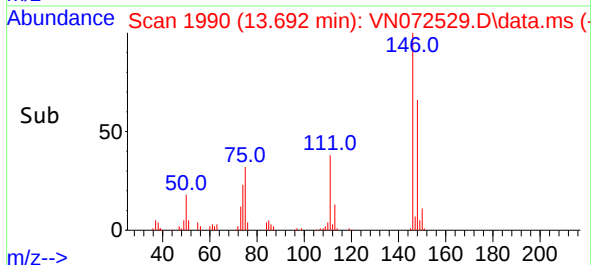
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

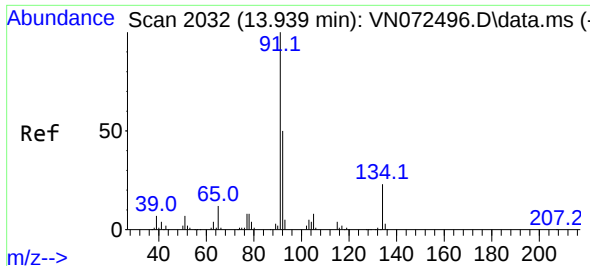


#84
1,4-Dichlorobenzene
Concen: 20.543 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion:146 Resp: 82555
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 64.7 31.1 93.5





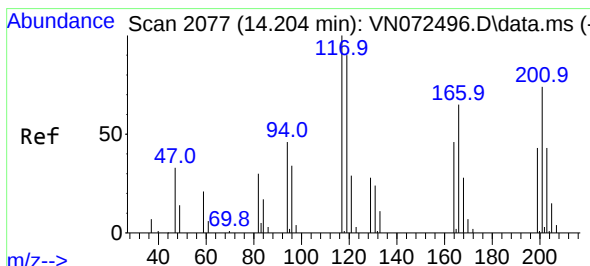
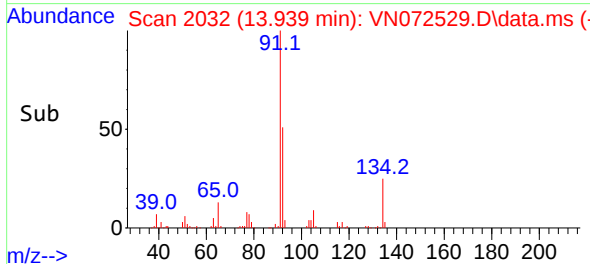
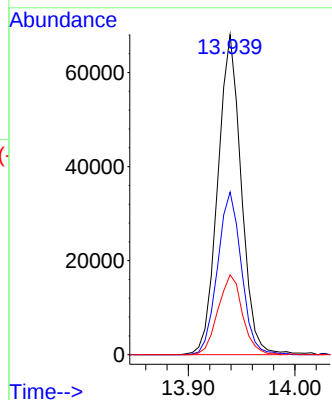
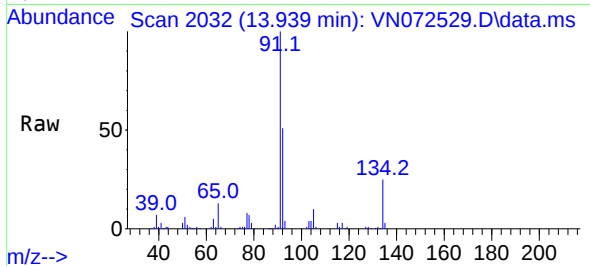
#85
n-Butylbenzene
Concen: 16.939 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 91 Resp: 10404
Ion Ratio Lower Upper
91 100
92 51.8 0.0 100.6
134 26.0 0.0 50.2

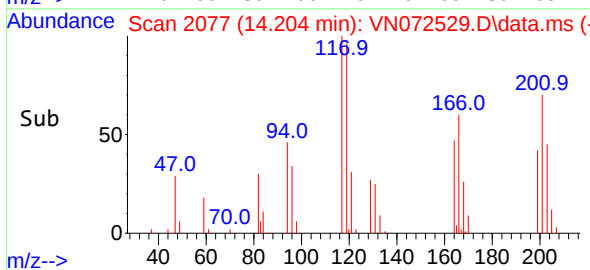
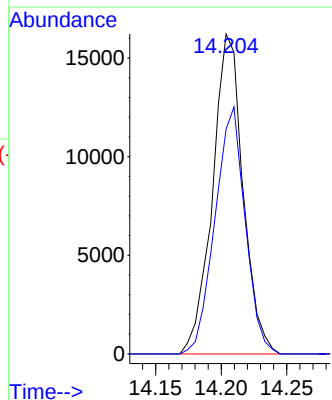
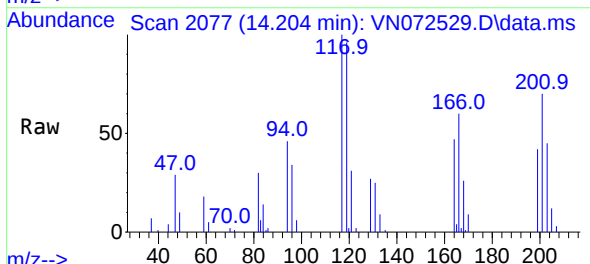
Manual Integrations
APPROVED

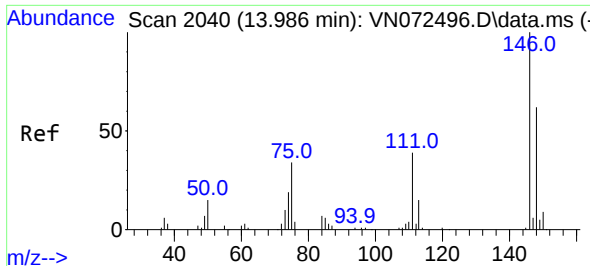
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#86
Hexachloroethane
Concen: 17.184 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Tgt Ion:117 Resp: 26226
Ion Ratio Lower Upper
117 100
201 76.2 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 20.068 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072529.D

Acq: 17 May 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion:146 Resp: 81024

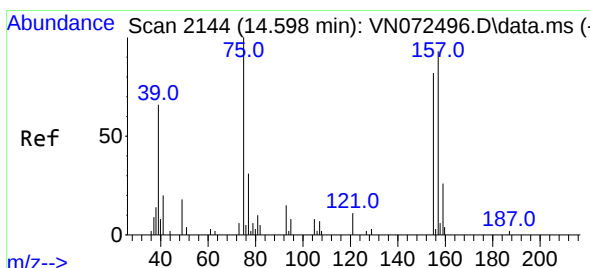
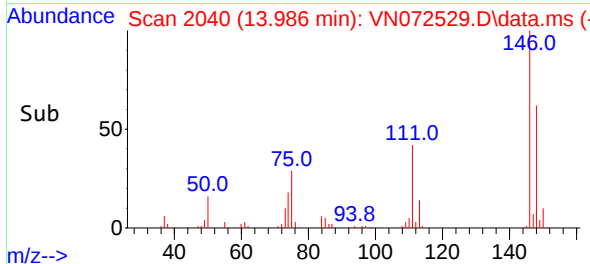
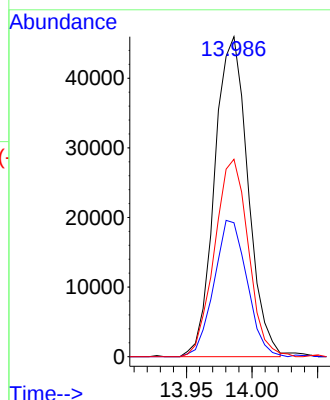
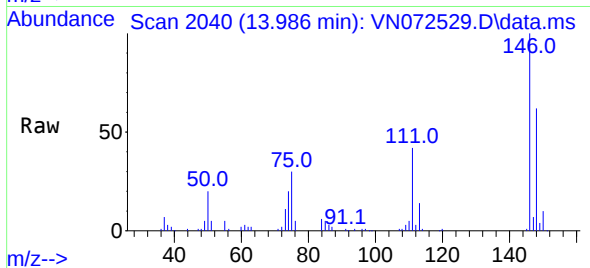
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.4	64.2
148	62.6	32.5	97.4

Manual Integrations

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Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 15.915 ug/l

RT: 14.598 min Scan# 2144

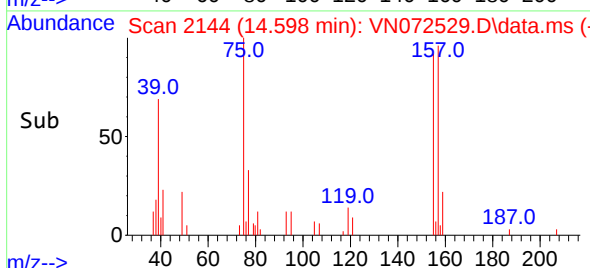
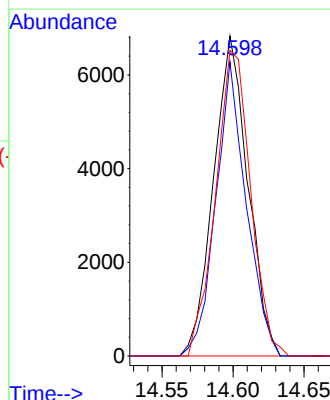
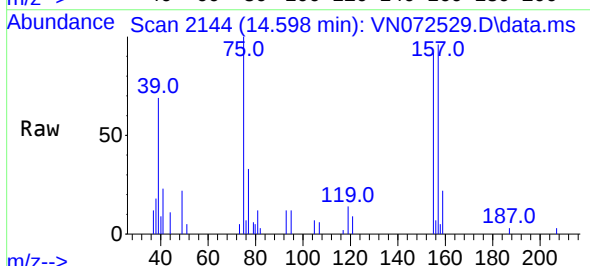
Delta R.T. 0.000 min

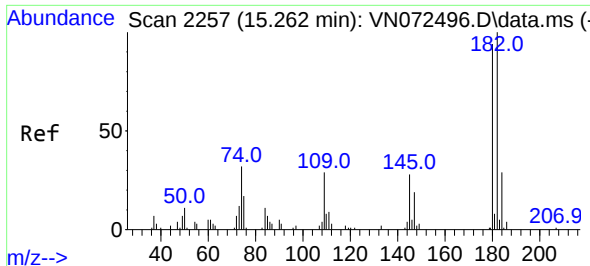
Lab File: VN072529.D

Acq: 17 May 2022 14:32

Tgt Ion: 75 Resp: 11500

Ion	Ratio	Lower	Upper
75	100		
155	81.5	63.8	95.8
157	97.1	77.9	116.9





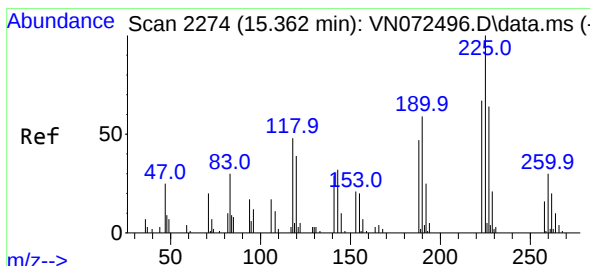
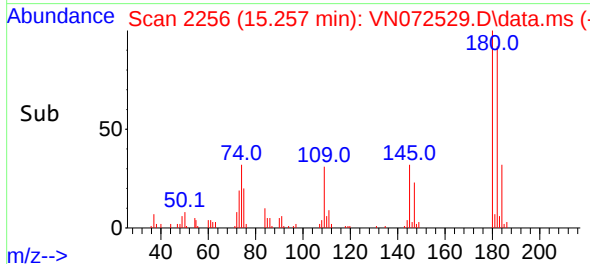
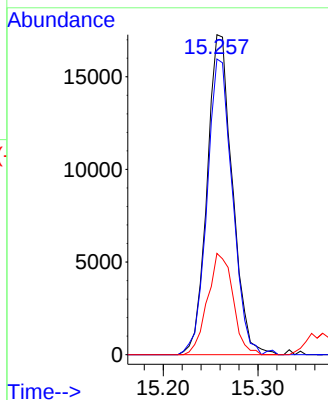
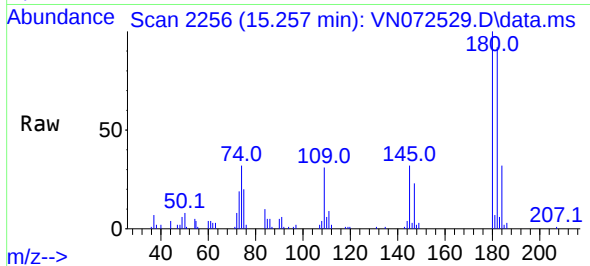
#89
1,2,4-Trichlorobenzene
Concen: 17.509 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion:180 Resp: 32000
Ion Ratio Lower Upper
180 100
182 92.4 77.7 116.5
145 31.8 26.6 39.8

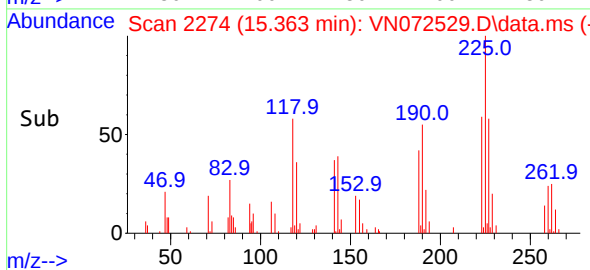
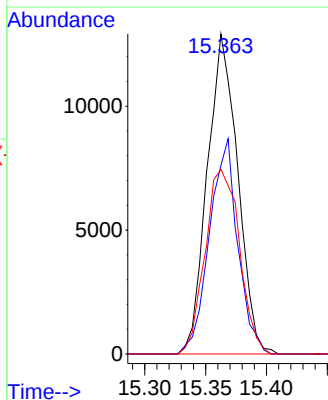
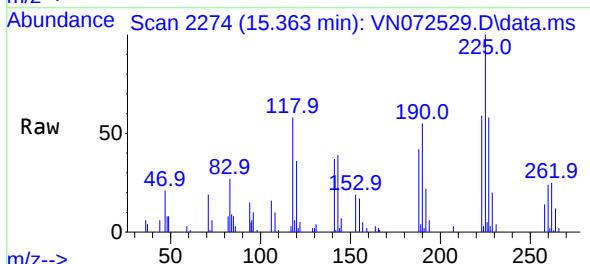
Manual Integrations
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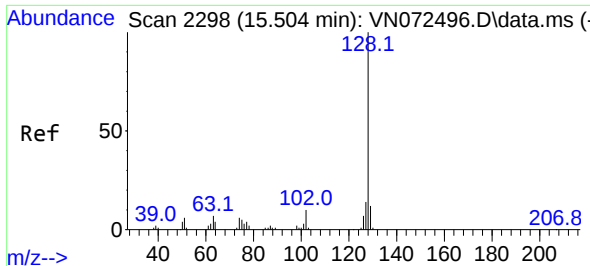
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachlorobutadiene
Concen: 19.861 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

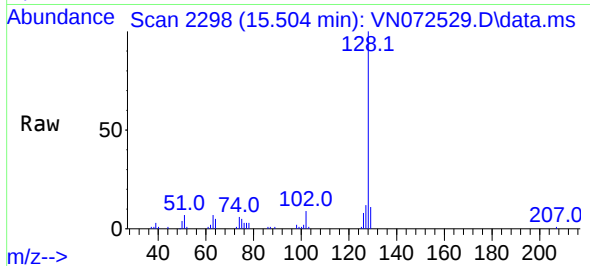
Tgt Ion:225 Resp: 22434
Ion Ratio Lower Upper
225 100
223 62.6 0.0 126.8
227 65.2 0.0 123.0





#91
Naphthalene
Concen: 18.421 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32

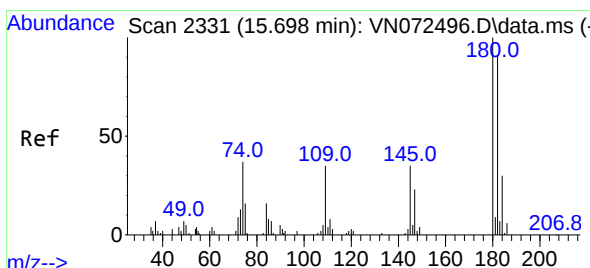
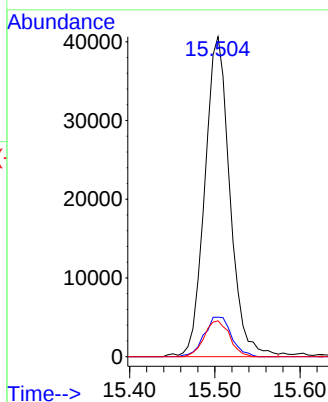
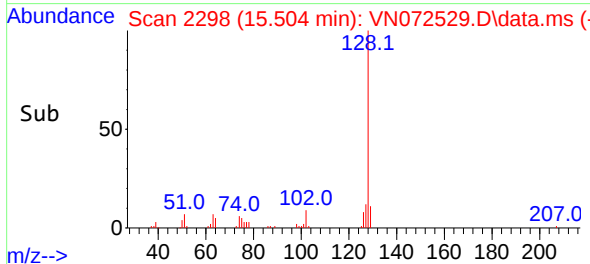
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



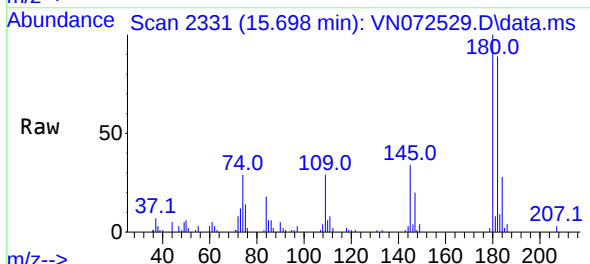
Tgt Ion:128 Resp: 82859
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.4 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.232 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072529.D
Acq: 17 May 2022 14:32



Tgt Ion:180 Resp: 33919
Ion Ratio Lower Upper
180 100
182 90.9 0.0 190.0
145 33.3 0.0 67.8

