

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072505.D
 Acq On : 16 May 2022 16:56
 Operator : JC\MD
 Sample : VN0516WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 07:18:24 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	26281	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	133427	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	127641	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	90339	30.548	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.833%			
60) 4-Bromofluorobenzene	12.727	95	73949	29.672	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.900%			
63) Toluene-d8	10.439	98	209968	30.135	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.433%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	38187	17.492	ug/l	99
3) Chloromethane	2.298	50	37299	18.917	ug/l	88
4) Vinyl Chloride	2.440	62	29456	17.697	ug/l	95
5) Bromomethane	2.822	94	24773	18.298	ug/l	97
6) Chloroethane	2.998	64	20977	19.299	ug/l	91
7) Trichlorofluoromethane	3.363	101	70387	17.902	ug/l	99
8) Diethyl Ether	3.828	74	22857	19.325	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.204	101	33488	18.076	ug/l #	60
10) 1,1-Dichloroethene	4.175	96	29675	17.764	ug/l	90
11) Methyl Iodide	4.416	142	43455	17.274	ug/l	99
12) Methyl Acetate	4.857	43	58494	21.645	ug/l	94
13) Acrolein	4.040	56	40643	95.716	ug/l	99
14) Acrylonitrile	5.551	53	118633	104.051	ug/l	99
15) Acetone	4.292	58	33238	111.174	ug/l	88
16) Carbon Disulfide	4.522	76	76191	17.583	ug/l #	94
17) Allyl chloride	4.834	41	56691	18.801	ug/l	91
18) Methylene Chloride	5.087	84	42061	21.272	ug/l	97
19) trans-1,2-Dichloroethene	5.592	96	34483	18.794	ug/l	89
20) Diisopropyl ether	6.498	45	121369	19.362	ug/l	91
21) 1,1-Dichloroethane	6.381	63	69134	18.443	ug/l	99
22) cis-1,2-Dichloroethene	7.322	96	41394	19.216	ug/l	94
23) tert-Butyl Alcohol	5.369	59	57755	115.485	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	138099m	20.152	ug/l	
25) Chloroform	7.816	83	79203	19.590	ug/l	98
26) Cyclohexane	8.086	56	55759	18.329	ug/l #	99
29) 1,1-Dichloropropene	8.222	75	51201	19.268	ug/l	94
30) 2-Butanone	7.328	43	169015	109.894	ug/l	97
31) 2,2-Dichloropropane	7.322	77	63177	19.163	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	72194	19.047	ug/l	98
33) Carbon Tetrachloride	8.204	117	66379	19.707	ug/l	95
34) Benzene	8.457	78	154638	20.480	ug/l	96
35) Methacrylonitrile	7.633	41	34899	21.462	ug/l	92
36) 1,2-Dichloroethane	8.522	62	72379	20.583	ug/l	100
37) Trichloroethene	9.210	130	39868	19.462	ug/l	100
38) Methylcyclohexane	9.457	83	55428	18.042	ug/l	89
39) 1,2-Dichloropropane	9.486	63	37838	19.894	ug/l	93
40) Dibromomethane	9.574	93	30190	20.562	ug/l	90
41) Bromodichloromethane	9.757	83	63487	20.410	ug/l	93
42) Vinyl Acetate	6.428	43	558470m	107.885	ug/l	

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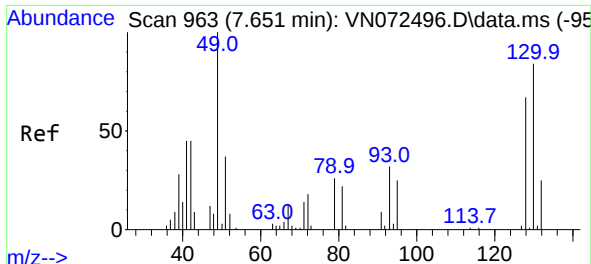
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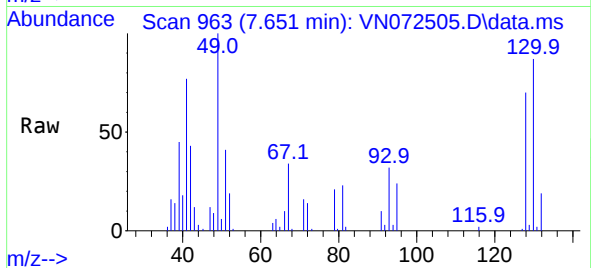
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	65193	21.706	ug/l	98
44) Isopropyl Acetate	8.557	43	101798	21.173	ug/l	97
45) 1,4-Dioxane	9.569	88	20982	458.196	ug/l #	86
46) Methyl methacrylate	9.557	41	47169	20.734	ug/l	87
47) n-amyl Acetate	12.386	43	64691	20.100	ug/l	97
48) t-1,3-Dichloropropene	10.716	75	65182	19.849	ug/l	95
49) cis-1,3-Dichloropropene	10.180	75	66999	20.243	ug/l	94
50) 1,1,2-Trichloroethane	10.892	97	42647	21.059	ug/l	98
51) Ethyl methacrylate	10.757	69	65119	20.621	ug/l	91
52) 1,3-Dichloropropane	11.039	76	72211	20.638	ug/l	99
53) Dibromochloromethane	11.233	129	49515	20.250	ug/l	98
54) 1,2-Dibromoethane	11.345	107	46443	21.559	ug/l	99
55) 2-Chloroethyl vinyl ether	10.039	63	78228	97.631	ug/l	99
56) Bromoform	12.457	173	37171	20.157	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	338633	112.590	ug/l	100
59) 2-Hexanone	11.080	43	246238	111.444	ug/l	99
61) Tetrachloroethene	10.974	164	38514	20.148	ug/l #	83
62) Toluene	10.498	91	169702	19.680	ug/l	96
64) Chlorobenzene	11.768	112	105622	19.636	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.833	131	44969	20.219	ug/l	97
66) Ethyl Benzene	11.839	91	186193	19.197	ug/l	99
67) m/p-Xylenes	11.951	106	143775	39.098	ug/l	95
68) o-Xylene	12.274	106	74687	20.547	ug/l	98
69) Styrene	12.292	104	113040	19.526	ug/l	94
70) Isopropylbenzene	12.574	105	188852	19.579	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	64529	21.908	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	53730m	19.449	ug/l	
73) Bromobenzene	12.857	156	45307	19.518	ug/l	97
74) n-propylbenzene	12.915	91	197776	18.731	ug/l	99
75) 2-Chlorotoluene	13.004	91	130944	19.194	ug/l	98
76) 1,3,5-Trimethylbenzene	13.057	105	162579	19.707	ug/l	99
77) t-1,4-Dichloro-2-butene	12.621	75	17677	19.366	ug/l	85
78) 4-Chlorotoluene	13.104	91	123894	19.375	ug/l	94
79) tert-butylbenzene	13.321	119	138281	19.078	ug/l	99
80) 1,2,4-Trimethylbenzene	13.362	105	156943m	19.742	ug/l	
81) sec-Butylbenzene	13.498	105	177600	18.481	ug/l	97
82) p-Isopropyltoluene	13.610	119	147095	18.495	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	76403	19.280	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	73650	19.100	ug/l	99
85) n-Butylbenzene	13.939	91	101233	17.176	ug/l	97
86) Hexachloroethane	14.204	117	27392	18.704	ug/l	86
87) 1,2-Dichlorobenzene	13.986	146	75413	19.466	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	14098	20.333	ug/l	99
89) 1,2,4-Trichlorobenzene	15.262	180	31530	17.979	ug/l	98
90) Hexachlorobutadiene	15.368	225	19510	18.001	ug/l	92
91) Naphthalene	15.504	128	94852	20.477	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	33771	18.918	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

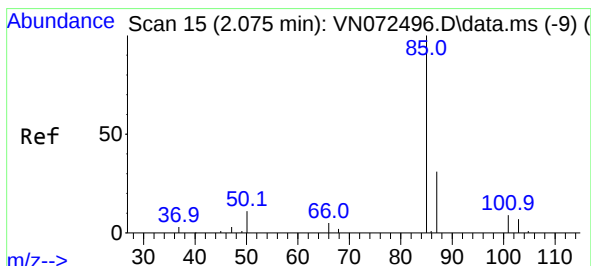
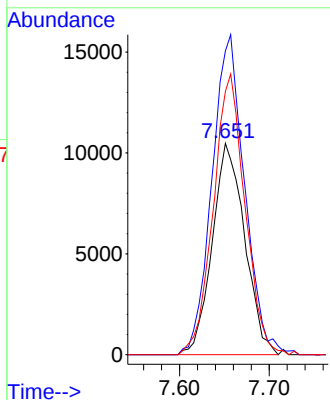
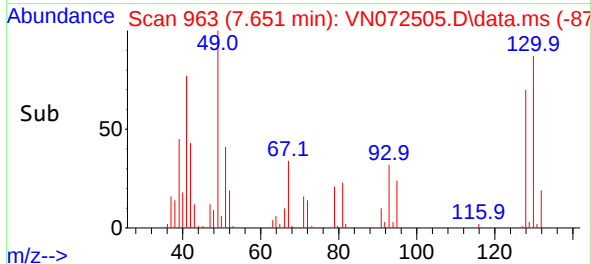
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



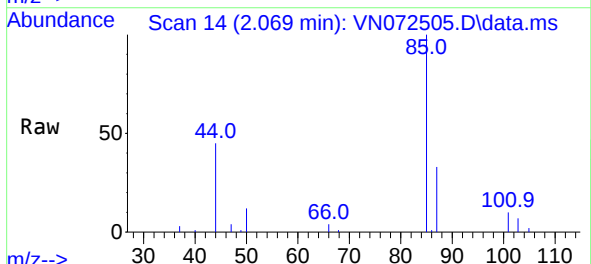
Tgt Ion:128 Resp: 2628
Ion Ratio Lower Upper
128 100
49 152.2 0.0 392.3
130 129.6 0.0 320.2

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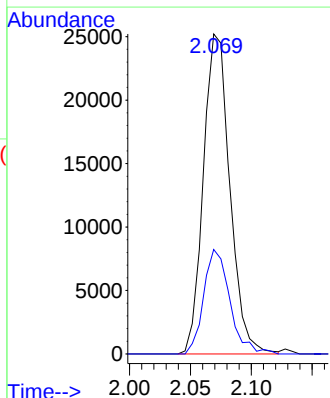
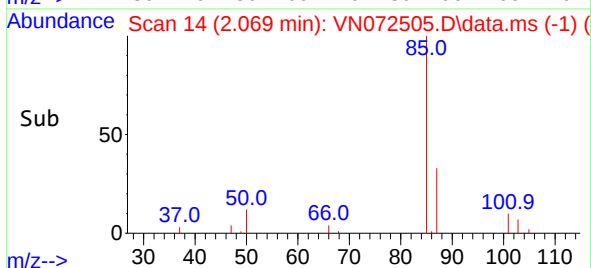
Reviewed By :John Carlone 05/17/2022
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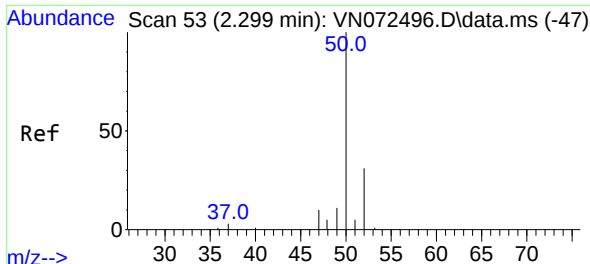


#2
Dichlorodifluoromethane
Concen: 17.492 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



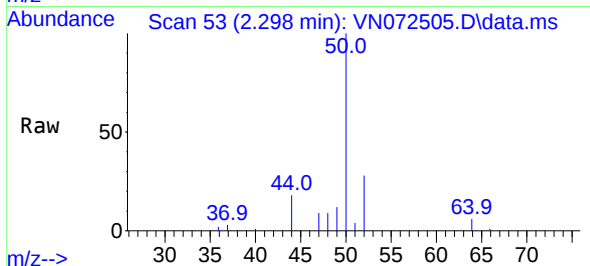
Tgt Ion: 85 Resp: 38187
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7





#3
Chloromethane
Concen: 18.917 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

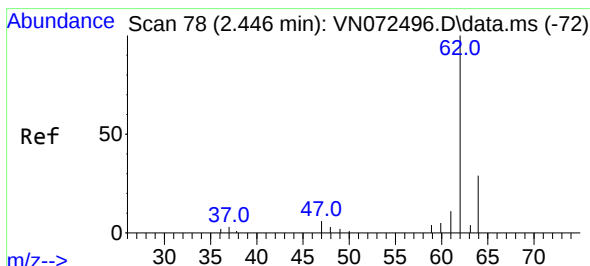
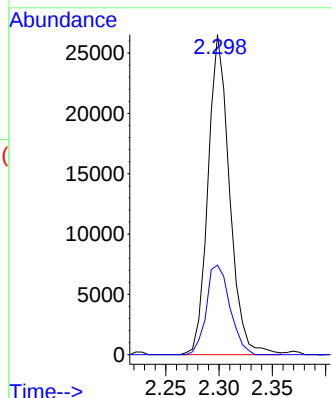
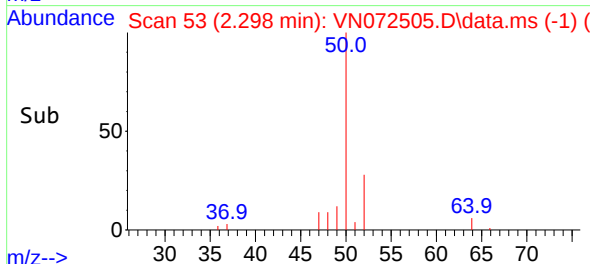
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



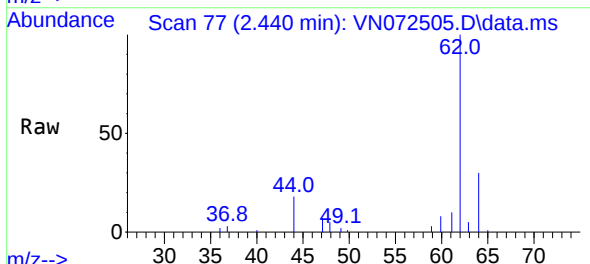
Tgt Ion: 50 Resp: 37299
Ion Ratio Lower Upper
50 100
52 28.0 27.8 41.6

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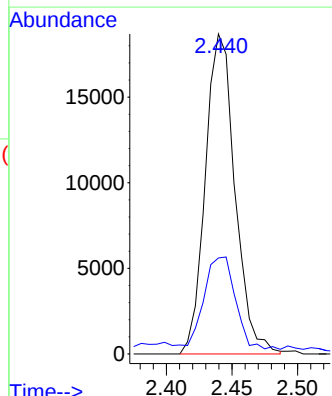
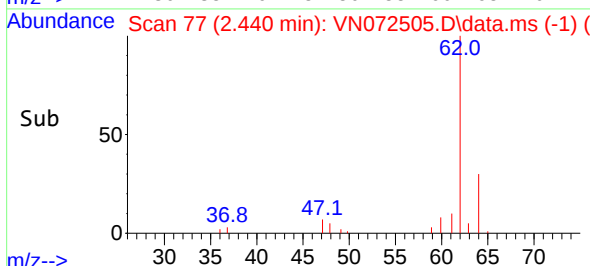
Reviewed By :John Carlone 05/17/2022
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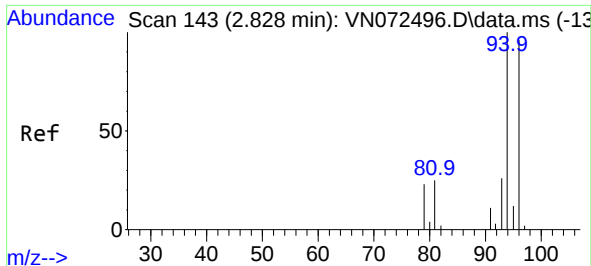


#4
Vinyl Chloride
Concen: 17.697 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



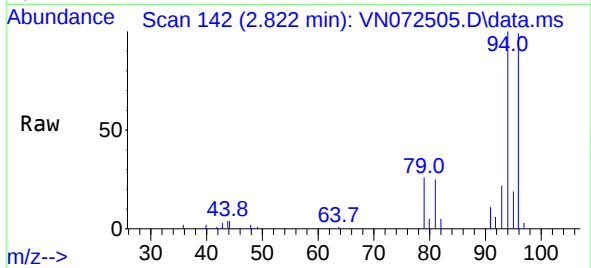
Tgt Ion: 62 Resp: 29456
Ion Ratio Lower Upper
62 100
64 28.6 25.1 37.7





#5
Bromomethane
Concen: 18.298 ug/l
RT: 2.822 min Scan# 143
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

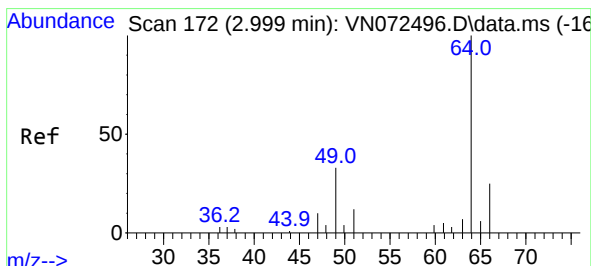
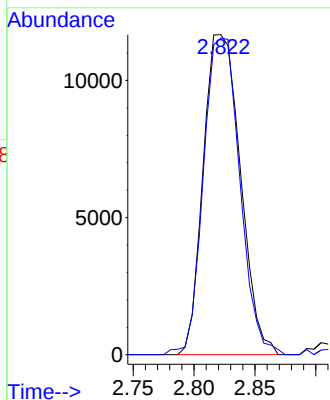
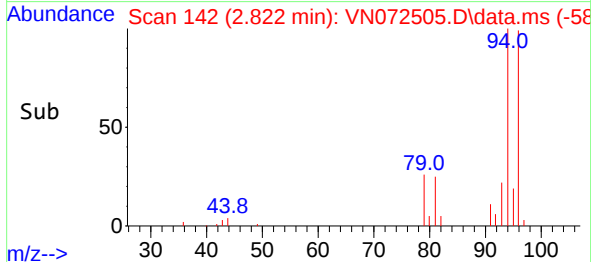
Instrument :
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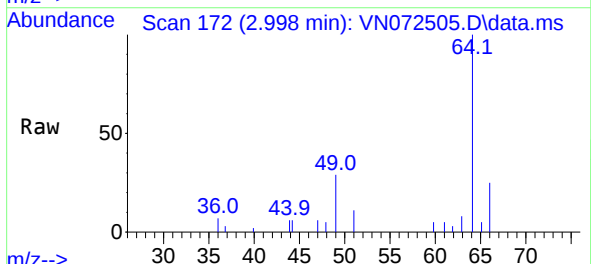
Tgt Ion: 94 Resp: 2477
Ion Ratio Lower Upper
94 100
96 97.3 75.2 112.8

Manual Integrations
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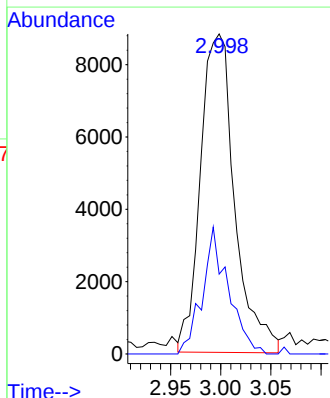
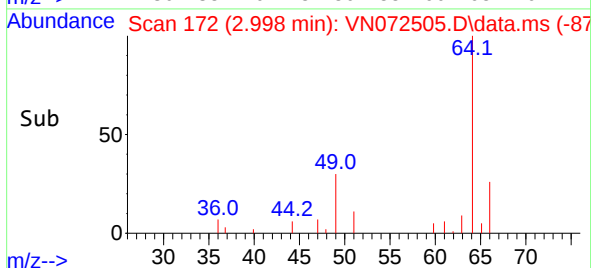
Reviewed By :John Carlone 05/17/2022
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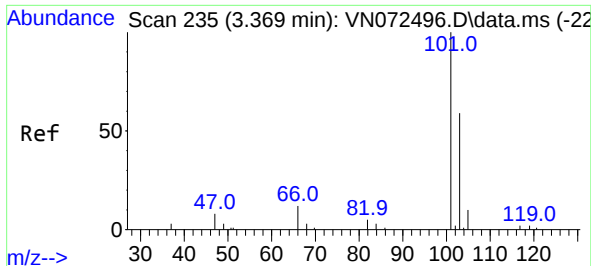


#6
Chloroethane
Concen: 19.299 ug/l
RT: 2.998 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



Tgt Ion: 64 Resp: 20977
Ion Ratio Lower Upper
64 100
66 25.9 24.6 36.8





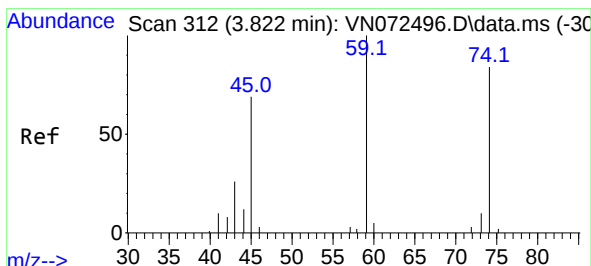
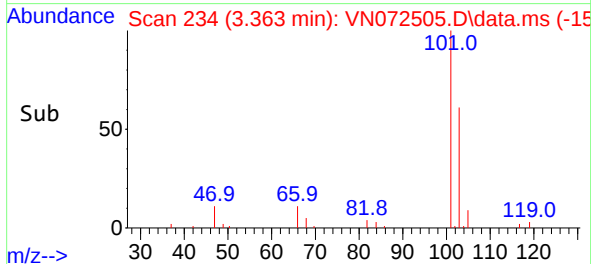
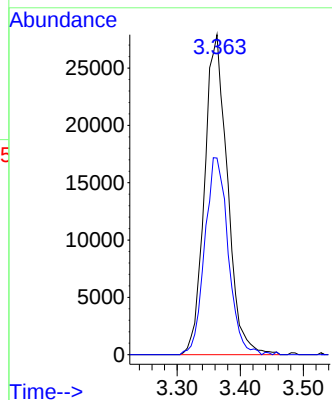
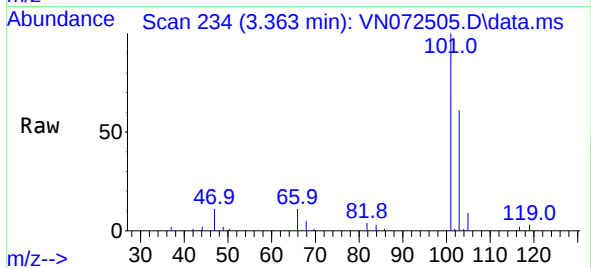
#7
 Trichlorofluoromethane
 Concen: 17.902 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072505.D
 Acq: 16 May 2022 16:56

Instrument :
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Tgt Ion:101 Resp: 7038
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.1 75.1

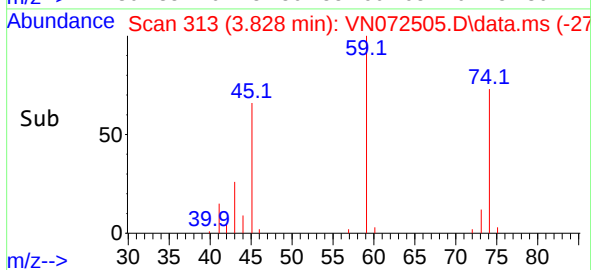
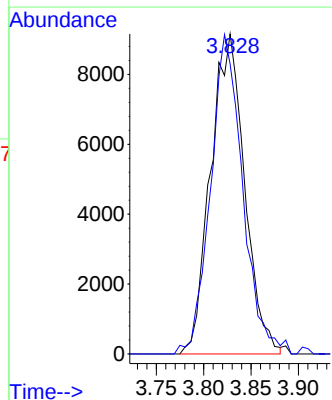
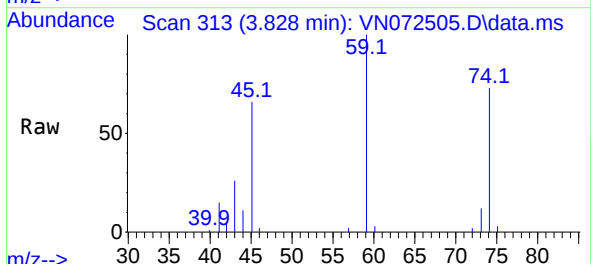
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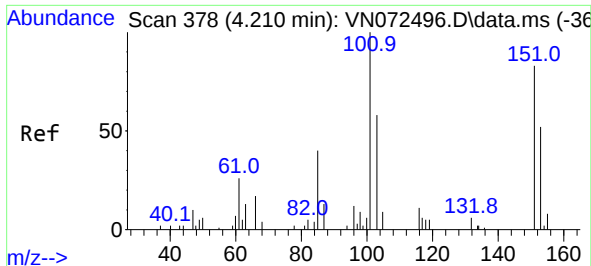
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#8
 Diethyl Ether
 Concen: 19.325 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.006 min
 Lab File: VN072505.D
 Acq: 16 May 2022 16:56

Tgt Ion: 74 Resp: 22857
 Ion Ratio Lower Upper
 74 100
 45 93.6 17.6 158.8





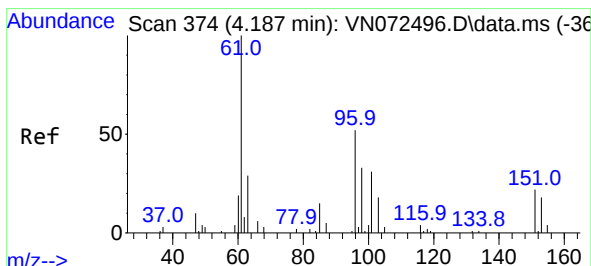
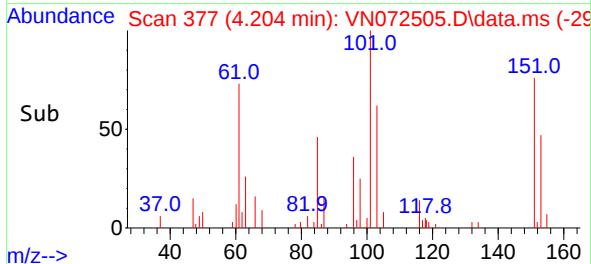
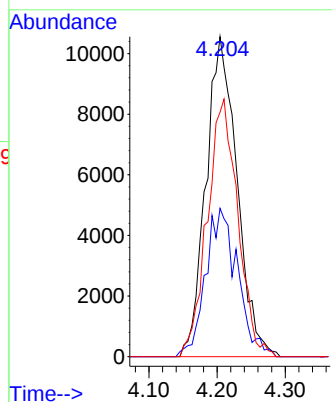
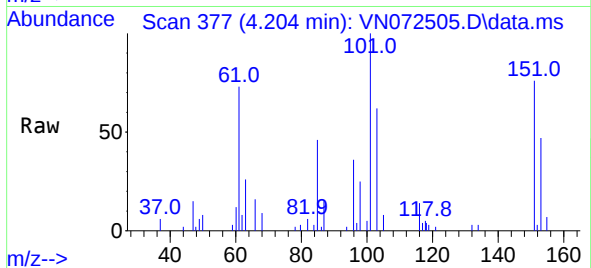
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.076 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion:101 Resp: 3348
Ion Ratio Lower Upper
101 100
85 36.0 0.0 94.0
151 78.3 0.0 74.6

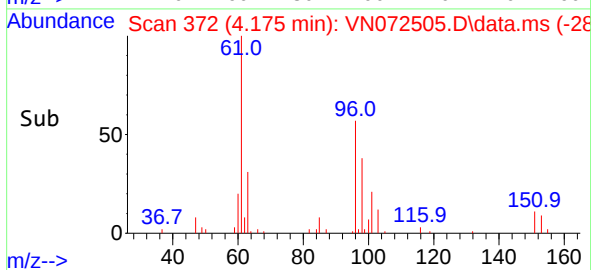
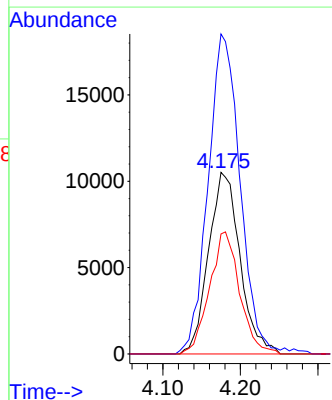
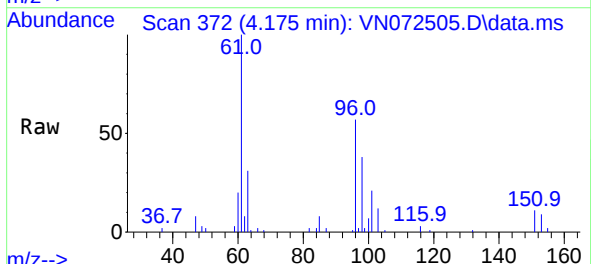
Manual Integrations
APPROVED

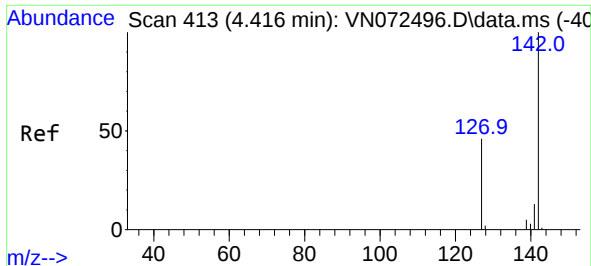
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#10
1,1-Dichloroethene
Concen: 17.764 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

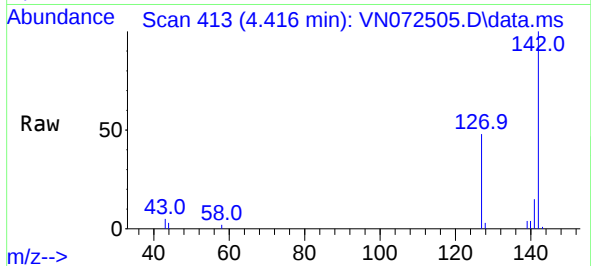
Tgt Ion: 96 Resp: 29675
Ion Ratio Lower Upper
96 100
61 174.4 126.2 189.4
98 66.1 50.9 76.3





#11
Methyl Iodide
Concen: 17.274 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

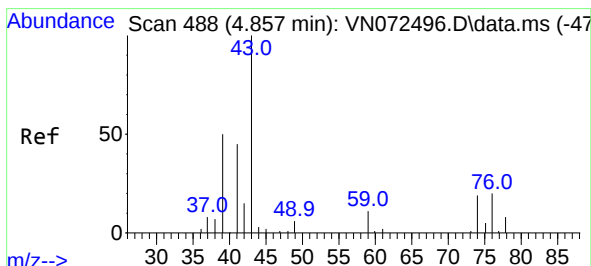
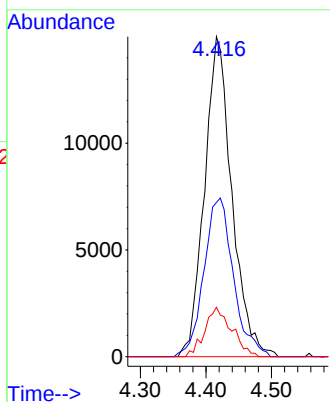
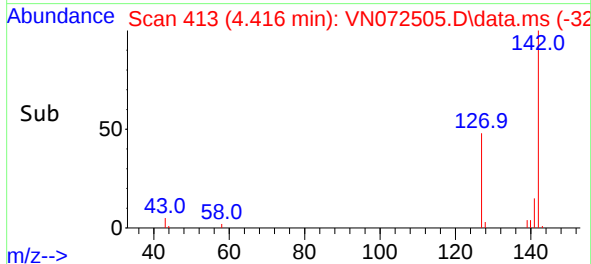
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



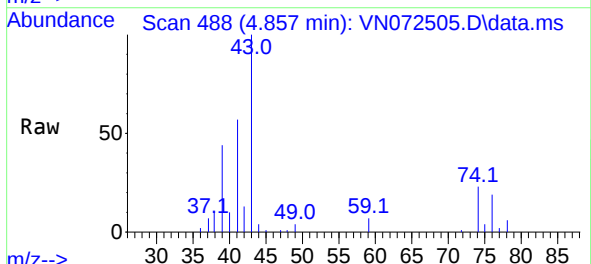
Tgt Ion:142 Resp: 4345
Ion Ratio Lower Upper
142 100
127 47.7 24.0 72.0
141 15.4 8.4 25.2

Manual Integrations
APPROVED

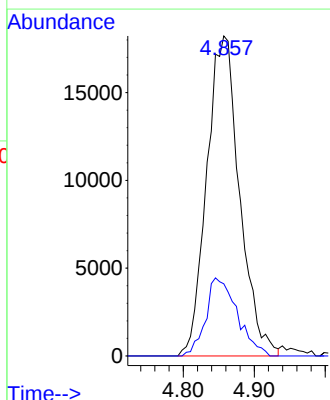
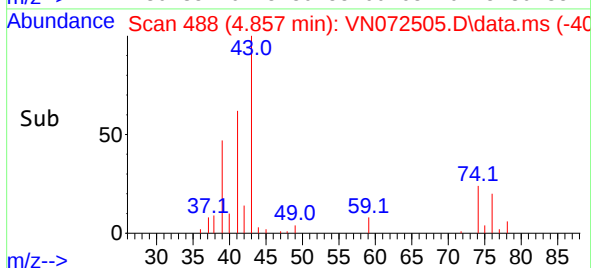
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

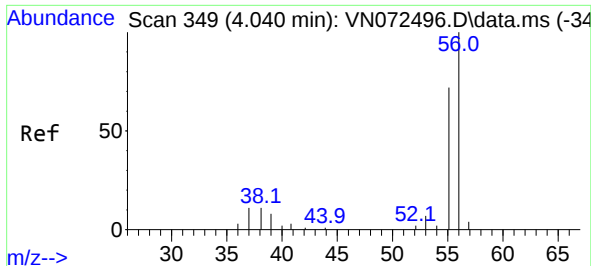


#12
Methyl Acetate
Concen: 21.645 ug/l
RT: 4.857 min Scan# 488
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



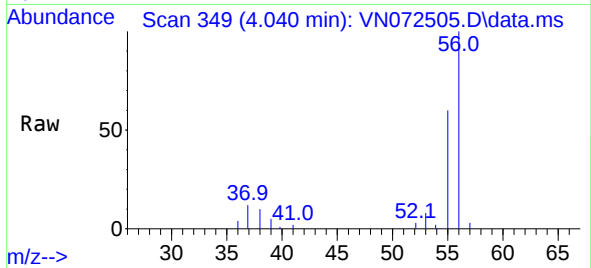
Tgt Ion: 43 Resp: 58494
Ion Ratio Lower Upper
43 100
74 22.8 20.8 31.2





#13
Acrolein
Concen: 95.716 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

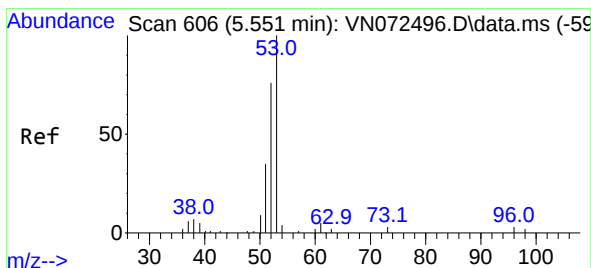
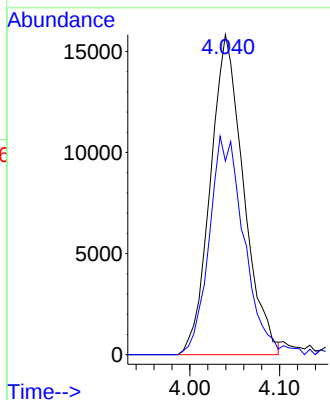
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



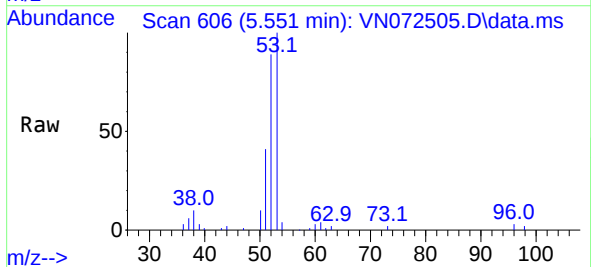
Tgt Ion: 56 Resp: 4064
Ion Ratio Lower Upper
56 100
55 70.9 57.6 86.4

Manual Integrations
APPROVED

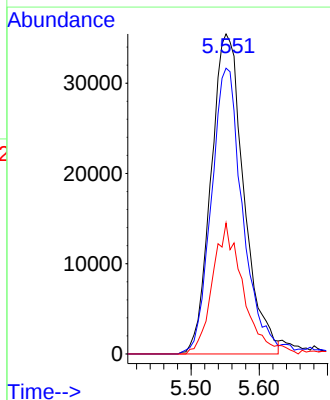
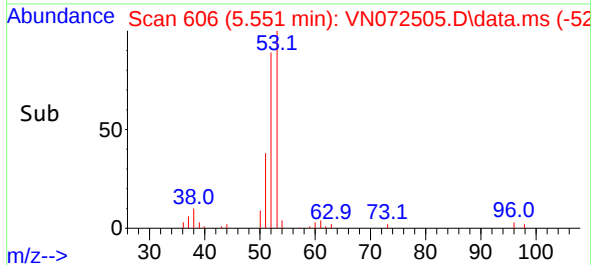
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

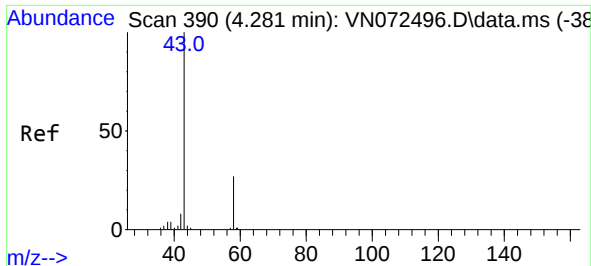


#14
Acrylonitrile
Concen: 104.051 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



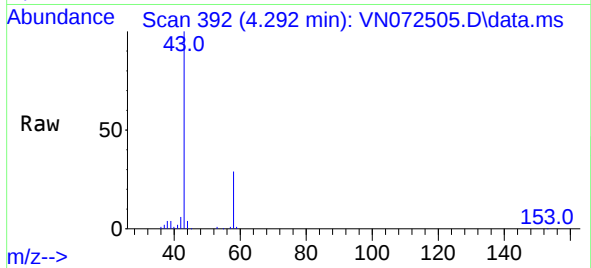
Tgt Ion: 53 Resp: 118633
Ion Ratio Lower Upper
53 100
52 85.0 41.8 125.4
51 37.3 19.0 57.0





#15
Acetone
Concen: 111.174 ug/l
RT: 4.292 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

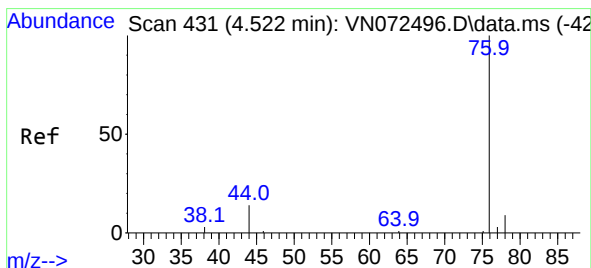
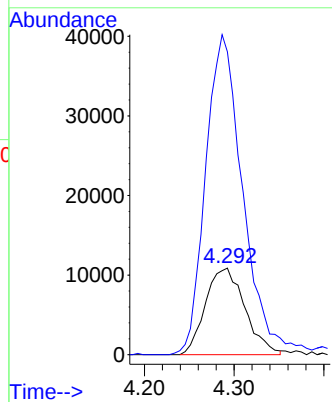
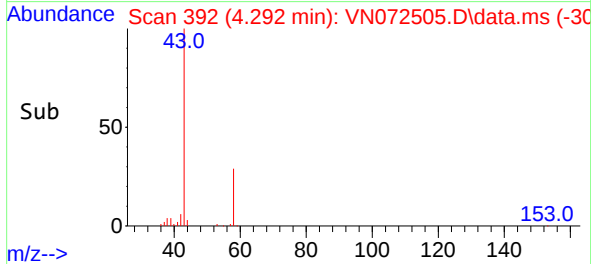
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



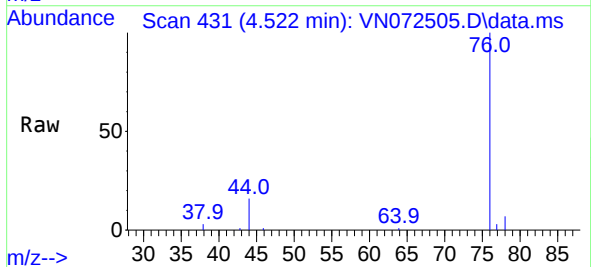
Tgt Ion: 58 Resp: 33238
Ion Ratio Lower Upper
58 100
43 345.4 256.6 384.8

Manual Integrations
APPROVED

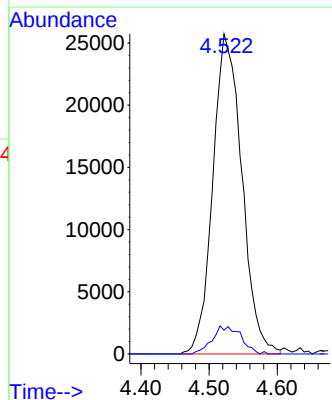
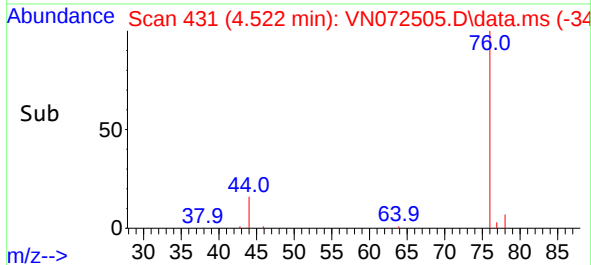
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

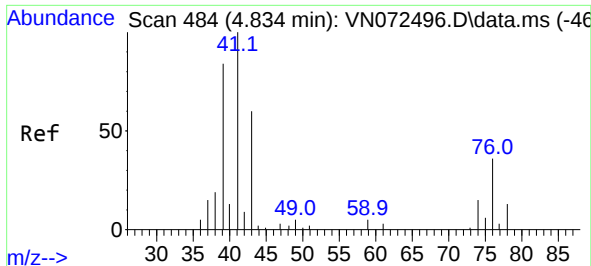


#16
Carbon Disulfide
Concen: 17.583 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



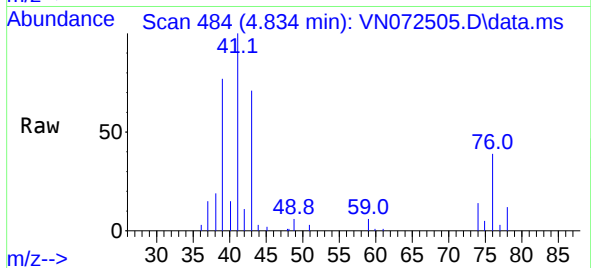
Tgt Ion: 76 Resp: 76191
Ion Ratio Lower Upper
76 100
78 7.4 7.8 11.8#





#17
Allyl chloride
Concen: 18.801 ug/l
RT: 4.834 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

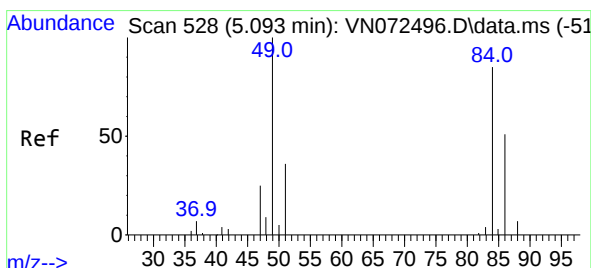
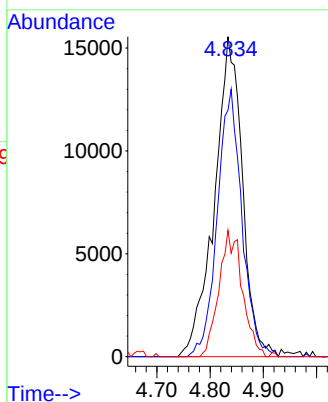
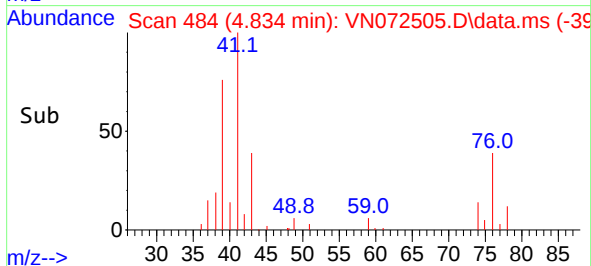
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



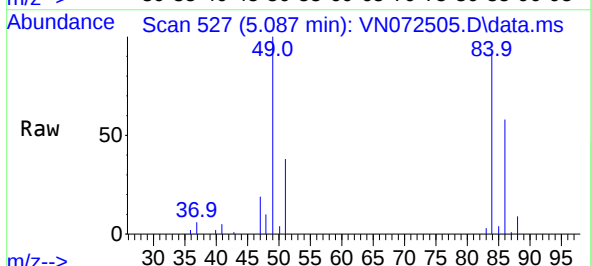
Tgt Ion: 41 Resp: 5669
Ion Ratio Lower Upper
41 100
39 77.0 44.6 134.0
76 39.5 19.6 58.7

Manual Integrations
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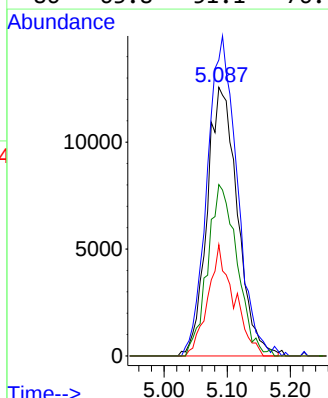
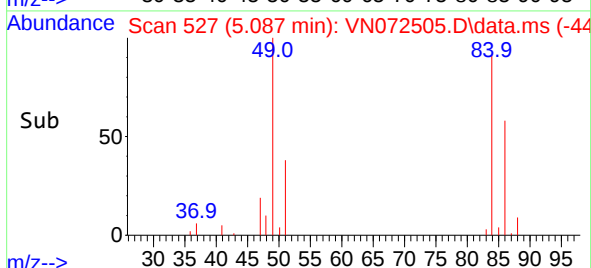
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



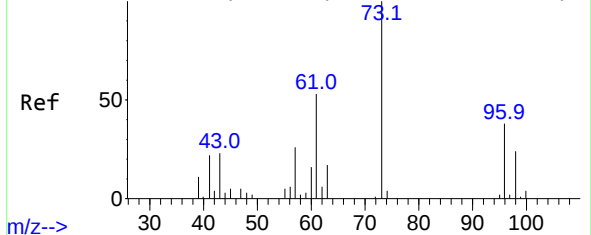
#18
Methylene Chloride
Concen: 21.272 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



Tgt Ion: 84 Resp: 42061
Ion Ratio Lower Upper
84 100
49 110.1 91.4 137.0
51 41.4 29.4 44.0
86 63.8 51.1 76.7



Abundance Scan 614 (5.598 min): VN072496.D\data.ms (-60



#19
trans-1,2-Dichloroethene
Concen: 18.794 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

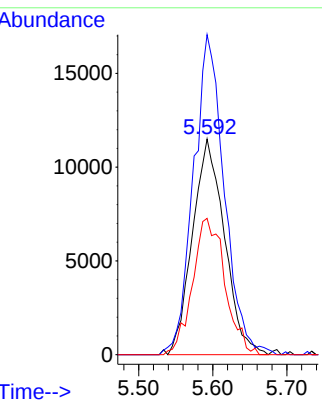
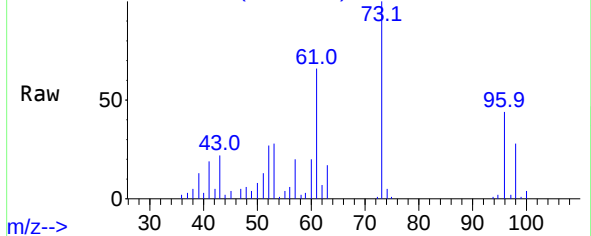
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 96 Resp: 3448
Ion Ratio Lower Upper
96 100
61 146.0 102.8 154.2
98 63.2 49.3 73.9

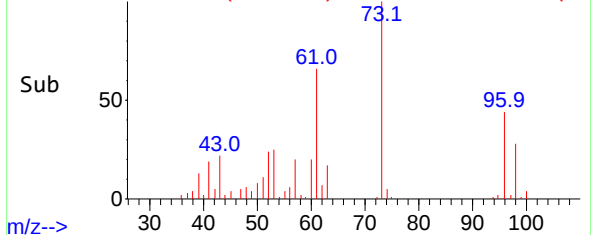
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

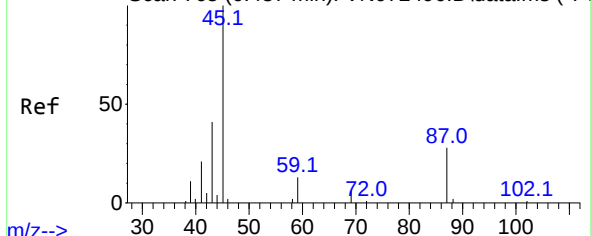
Abundance Scan 613 (5.592 min): VN072505.D\data.ms



Abundance Scan 613 (5.592 min): VN072505.D\data.ms (-59



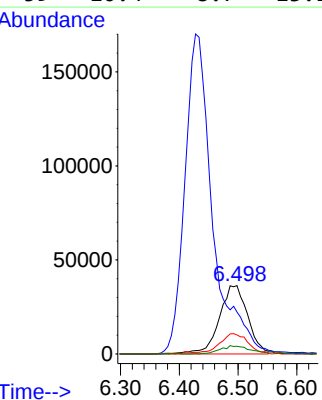
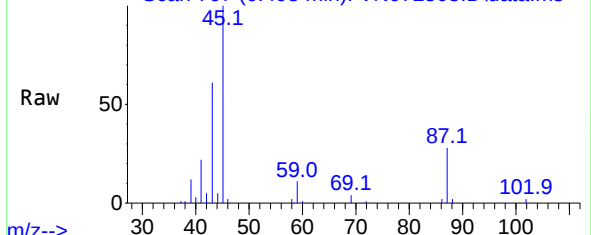
Abundance Scan 765 (6.487 min): VN072496.D\data.ms (-74



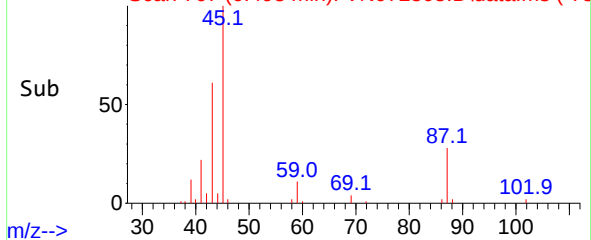
#20
Diisopropyl ether
Concen: 19.362 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.012 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

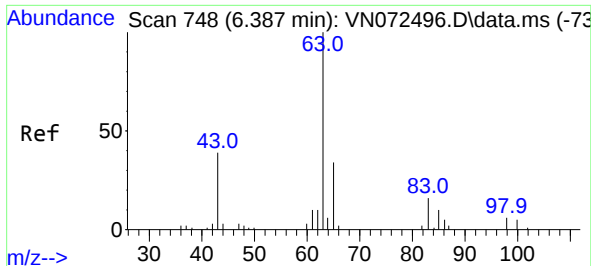
Tgt Ion: 45 Resp: 121369
Ion Ratio Lower Upper
45 100
43 55.6 51.0 76.4
87 26.9 25.0 37.4
59 10.4 8.7 13.1

Abundance Scan 767 (6.498 min): VN072505.D\data.ms



Abundance Scan 767 (6.498 min): VN072505.D\data.ms (-73





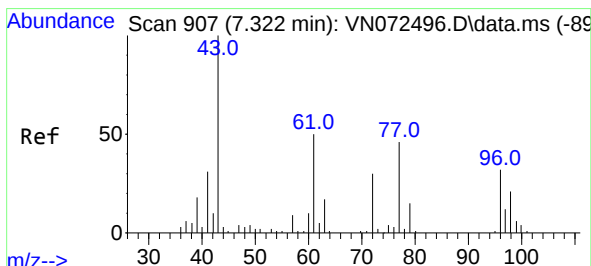
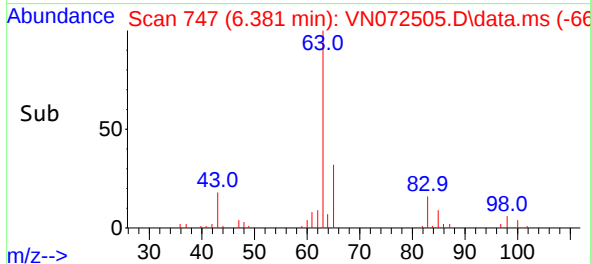
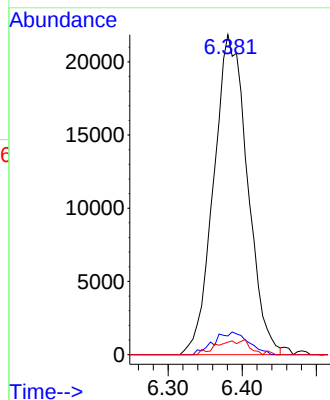
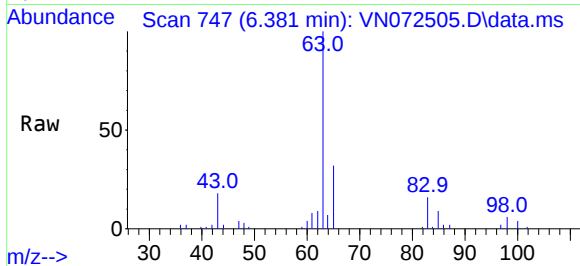
#21
1,1-Dichloroethane
Concen: 18.443 ug/l
RT: 6.381 min Scan# 748
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 63 Resp: 69134
Ion Ratio Lower Upper
63 100
98 5.9 3.2 9.6
100 3.9 2.1 6.2

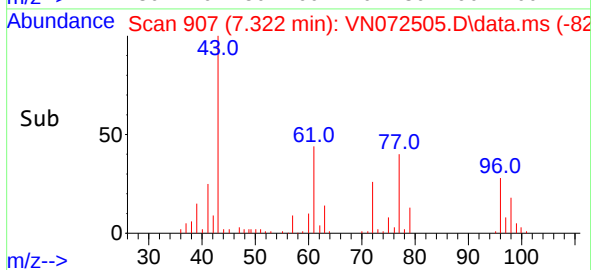
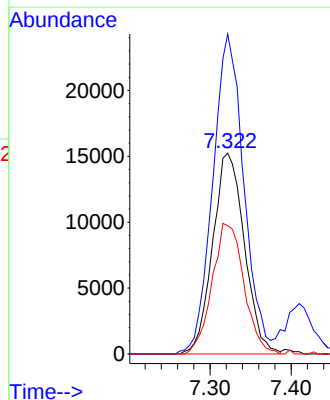
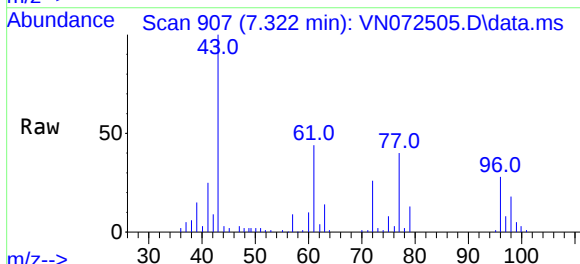
Manual Integrations
APPROVED

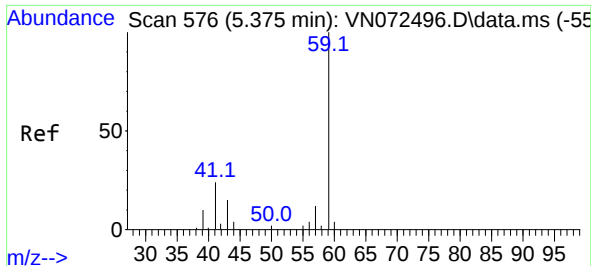
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#22
cis-1,2-Dichloroethene
Concen: 19.216 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Tgt Ion: 96 Resp: 41394
Ion Ratio Lower Upper
96 100
61 155.7 115.7 173.5
98 65.0 51.6 77.4





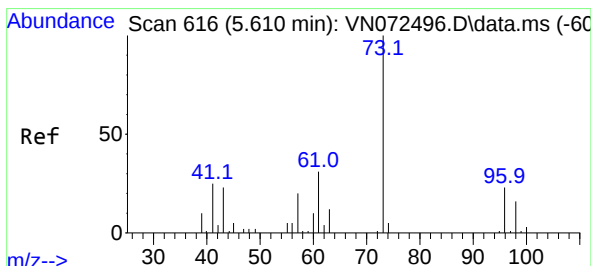
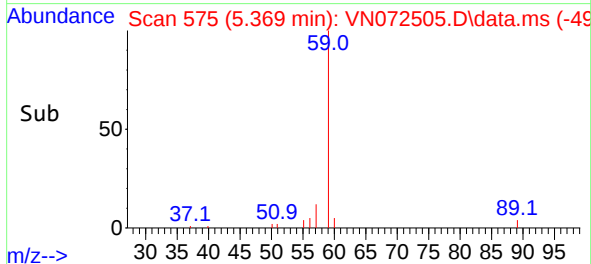
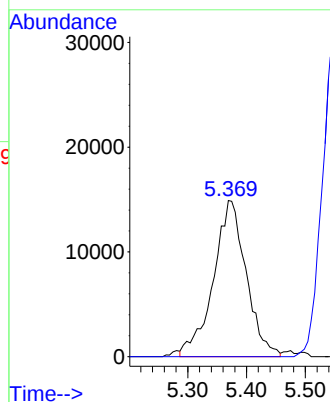
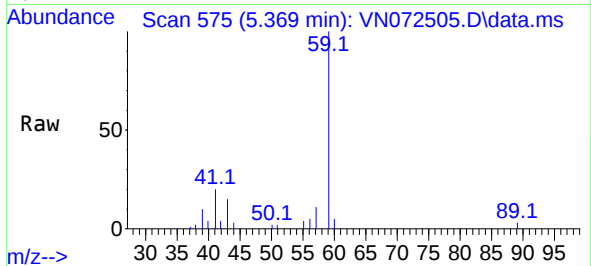
#23
tert-Butyl Alcohol
Concen: 115.485 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 59 Resp: 5775
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

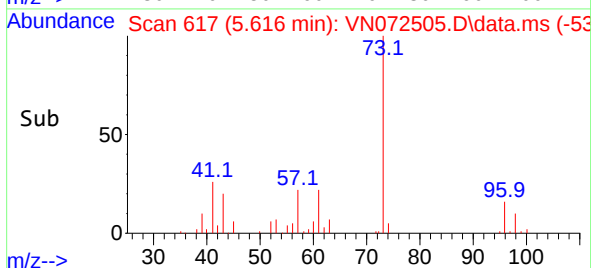
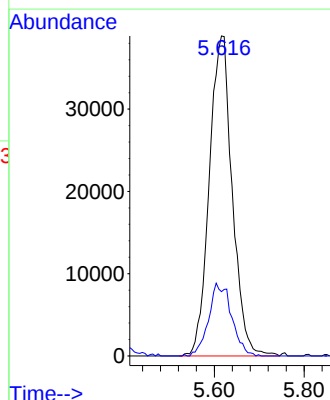
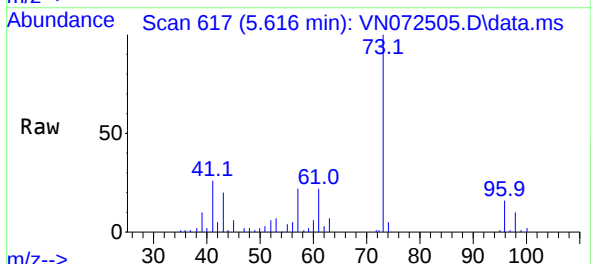
Manual Integrations
APPROVED

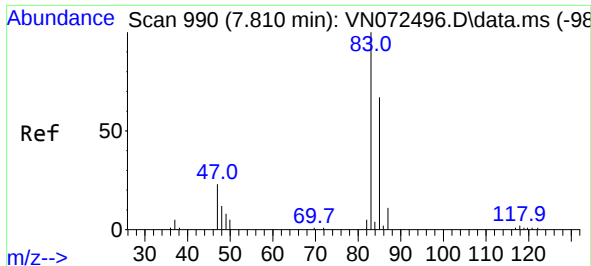
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#24
Methyl tert-Butyl Ether
Concen: 20.152 ug/l m
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

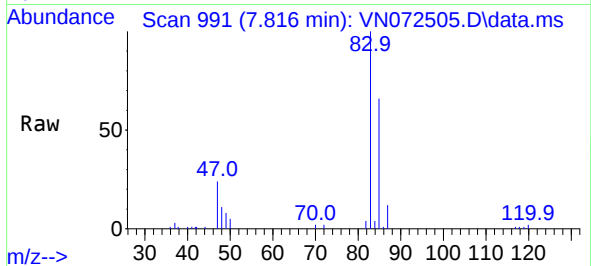
Tgt Ion: 73 Resp: 138099
Ion Ratio Lower Upper
73 100
43 0.0 18.1 27.1#





#25
Chloroform
Concen: 19.590 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

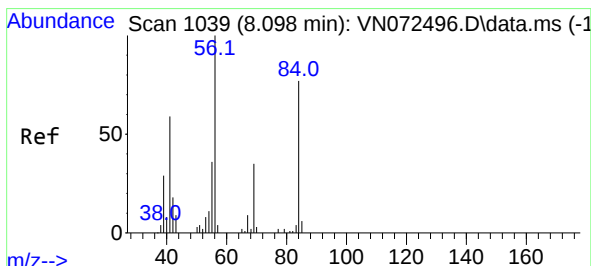
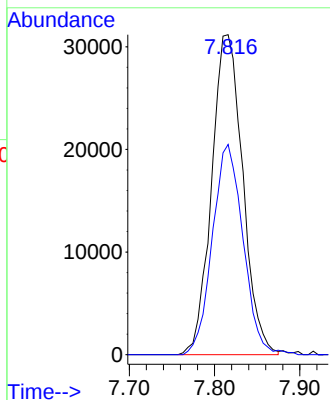
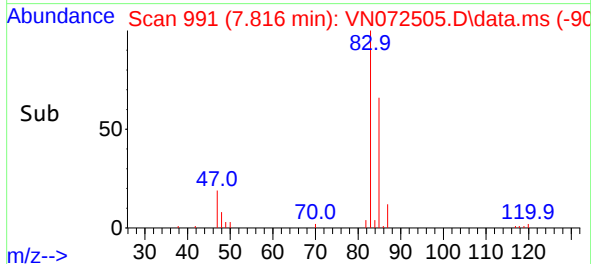
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



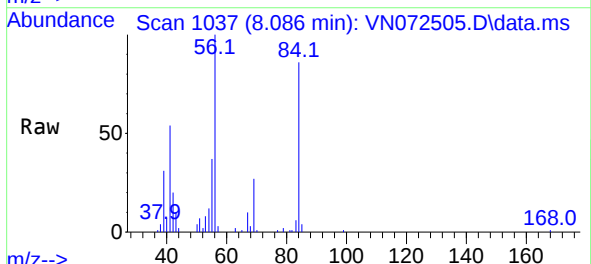
Tgt Ion: 83 Resp: 7920
Ion Ratio Lower Upper
83 100
85 65.7 51.3 76.9

Manual Integrations
APPROVED

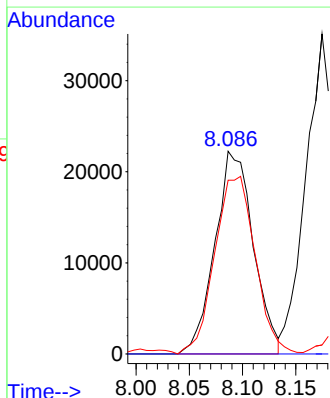
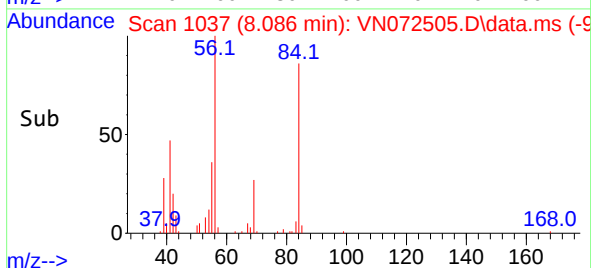
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

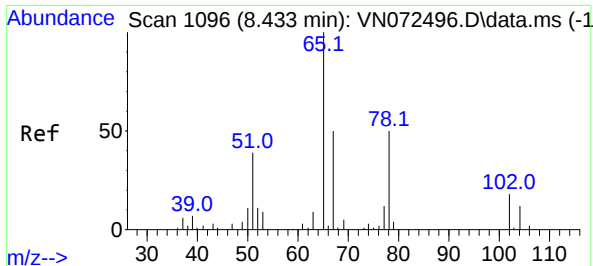


#26
Cyclohexane
Concen: 18.329 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



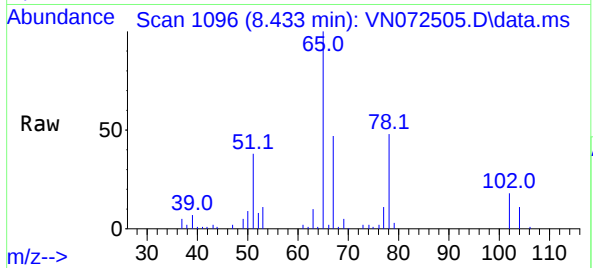
Tgt Ion: 56 Resp: 55759
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 92.4 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.548 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

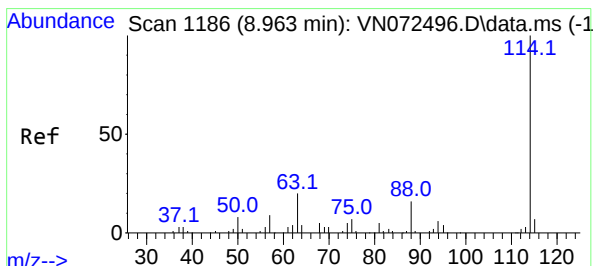
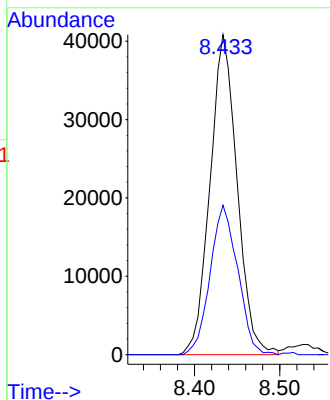
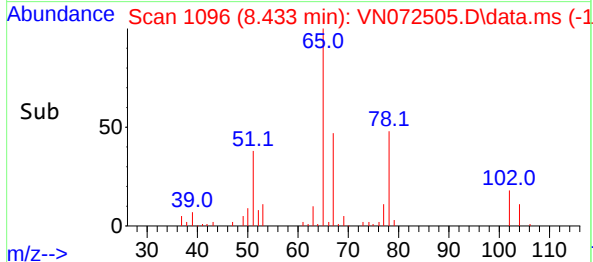
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



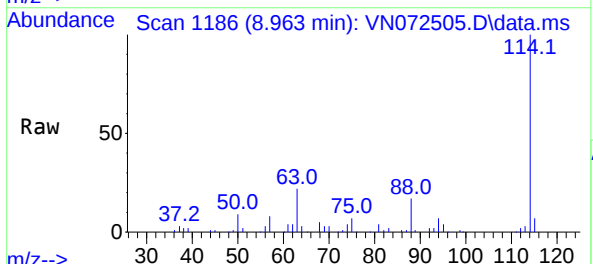
Tgt Ion: 65 Resp: 90339
Ion Ratio Lower Upper
65 100
67 47.2 40.2 60.2

Manual Integrations
APPROVED

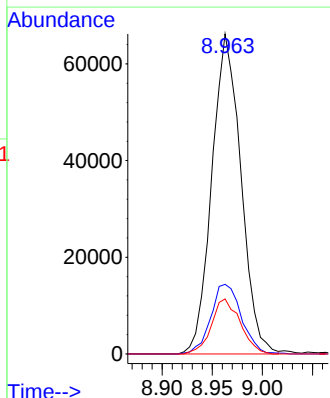
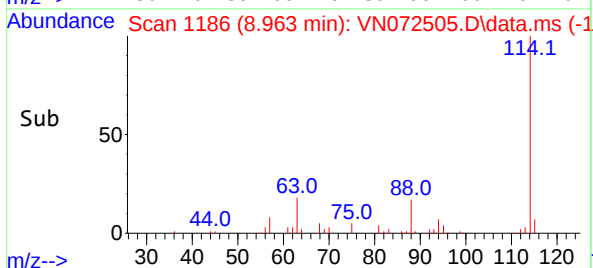
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

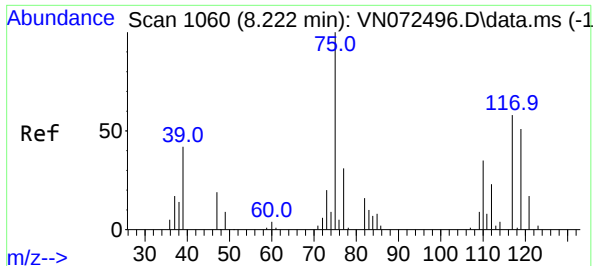


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



Tgt Ion:114 Resp: 133427
Ion Ratio Lower Upper
114 100
63 23.0 15.8 23.6
88 17.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.268 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

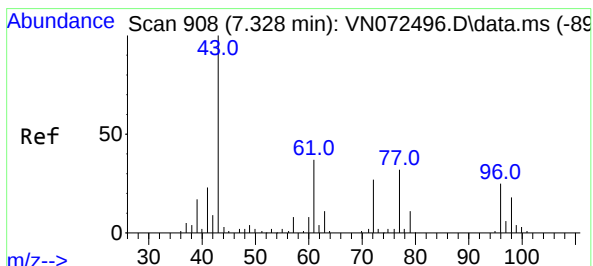
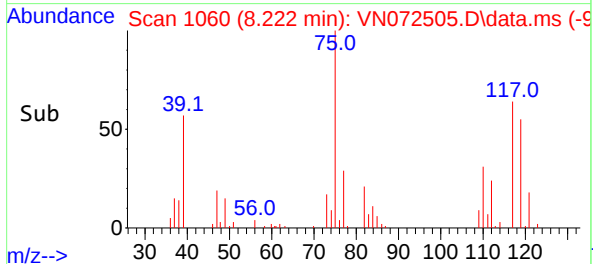
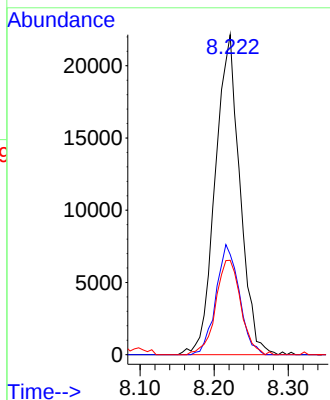
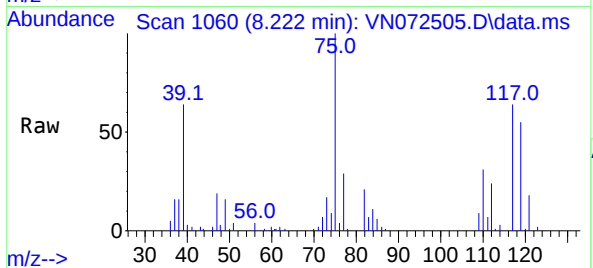
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 75 Resp: 5120

Ion	Ratio	Lower	Upper
75	100		
110	32.3	0.0	74.2
77	29.9	0.0	63.2

Manual Integrations
APPROVED

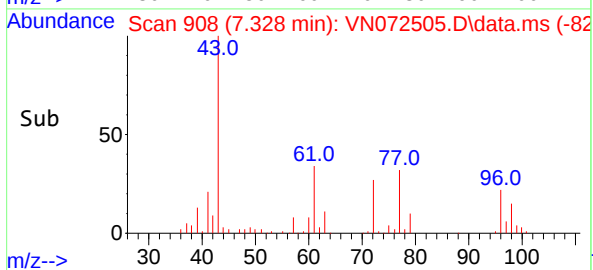
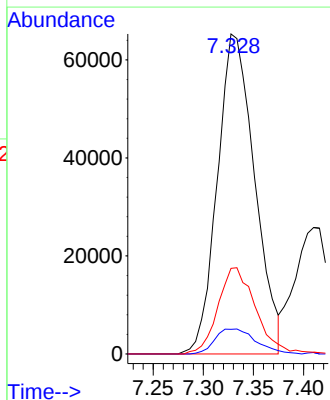
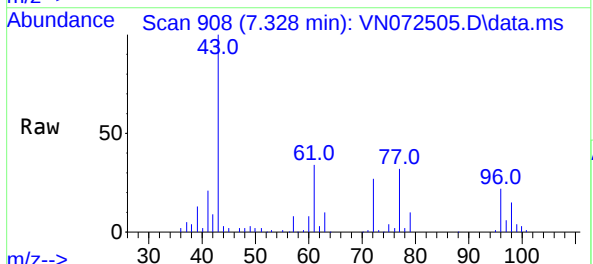
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

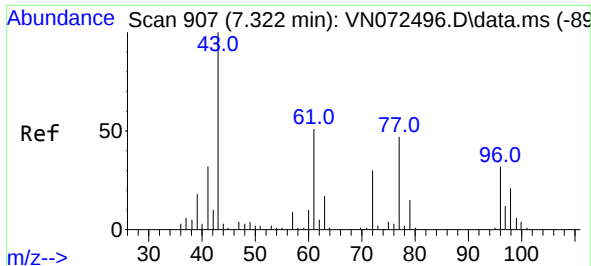


#30
2-Butanone
Concen: 109.894 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Tgt Ion: 43 Resp: 169015

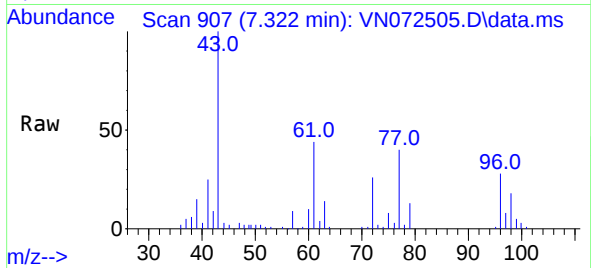
Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.7	10.1
72	26.9	23.2	34.8





#31
2,2-Dichloropropane
Concen: 19.163 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

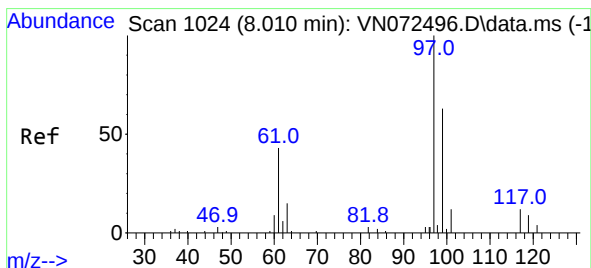
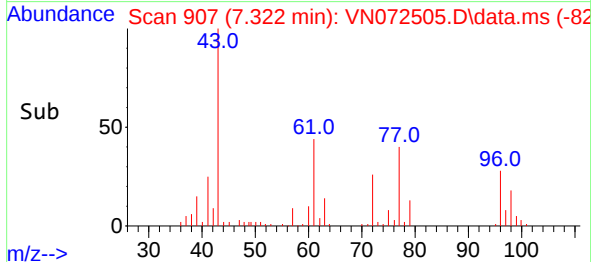
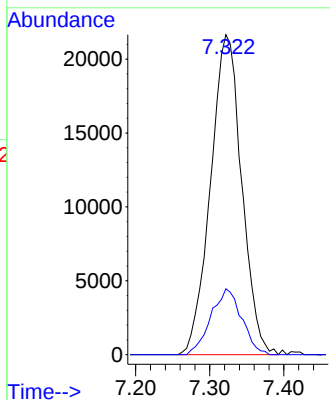
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion: 77 Resp: 6317
Ion Ratio Lower Upper
77 100
97 20.4 18.3 27.5

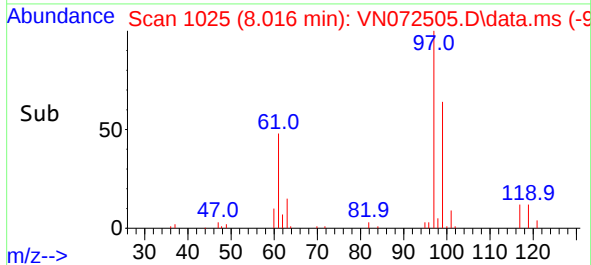
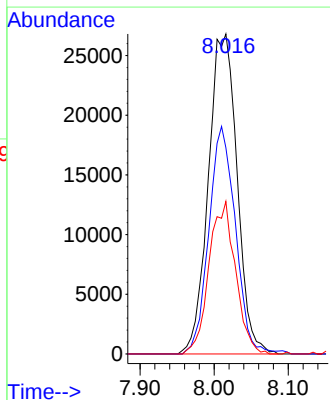
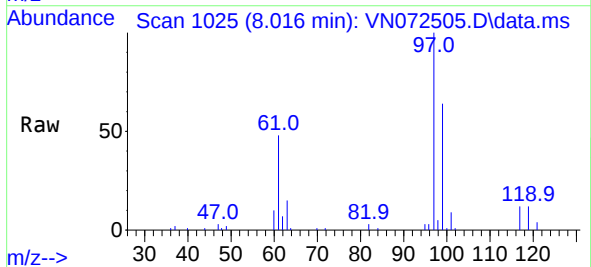
Manual Integrations
APPROVED

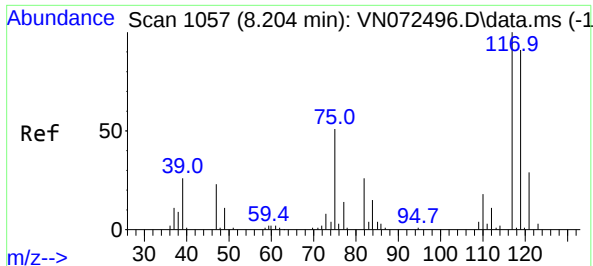
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#32
1,1,1-Trichloroethane
Concen: 19.047 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

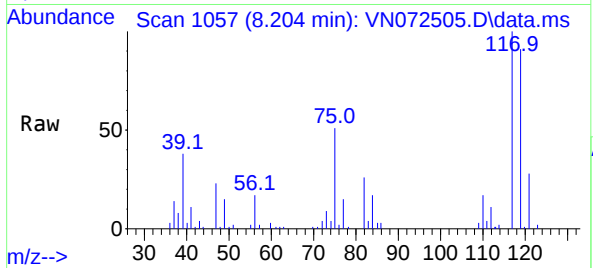
Tgt Ion: 97 Resp: 72194
Ion Ratio Lower Upper
97 100
99 65.6 50.4 75.6
61 44.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.707 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

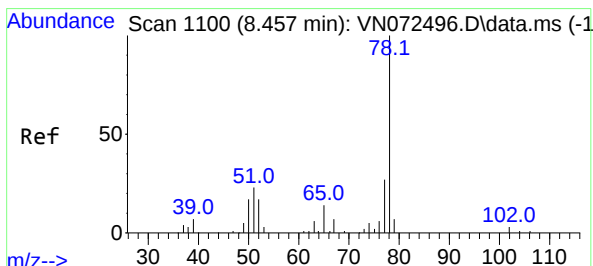
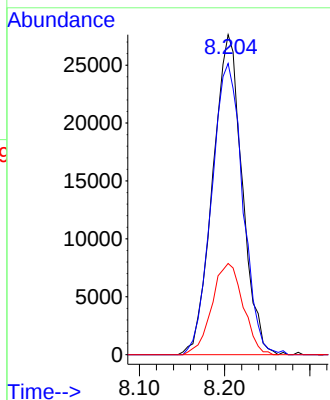
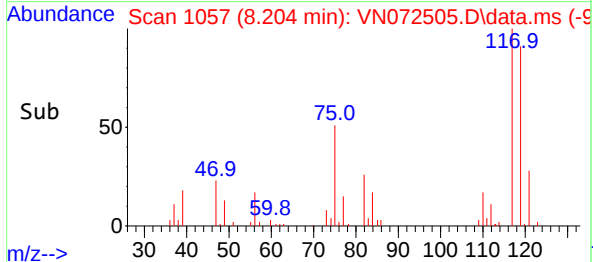
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



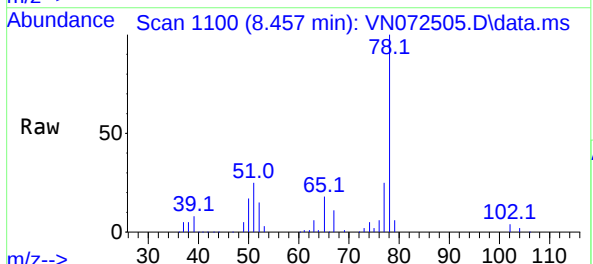
Tgt Ion:117 Resp: 66379
Ion Ratio Lower Upper
117 100
119 91.0 77.5 116.3
121 28.5 23.5 35.3

Manual Integrations
APPROVED

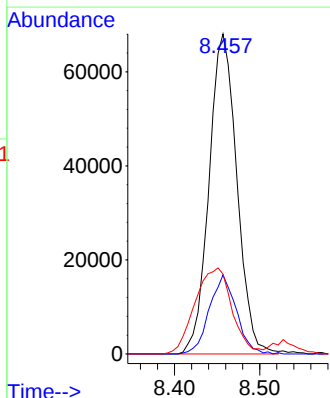
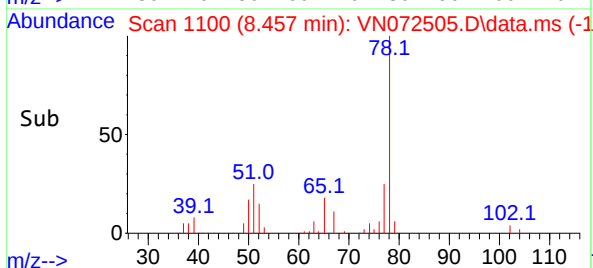
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

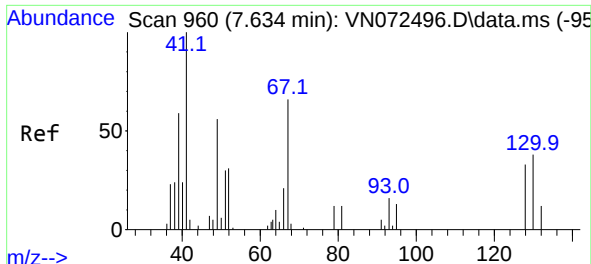


#34
Benzene
Concen: 20.480 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



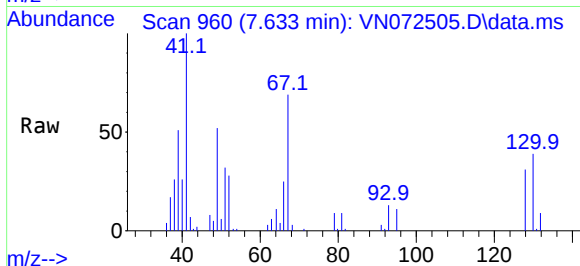
Tgt Ion: 78 Resp: 154638
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7
51 22.7 16.0 24.0





#35
Methacrylonitrile
Concen: 21.462 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

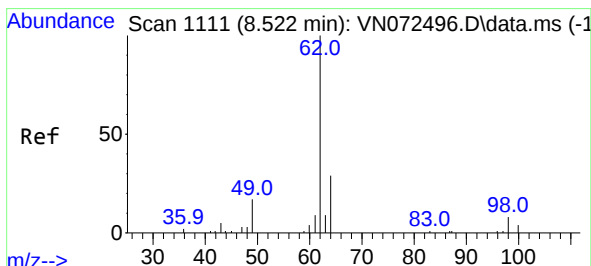
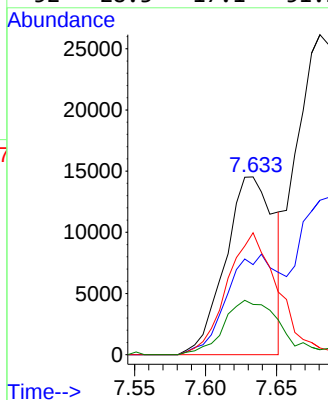
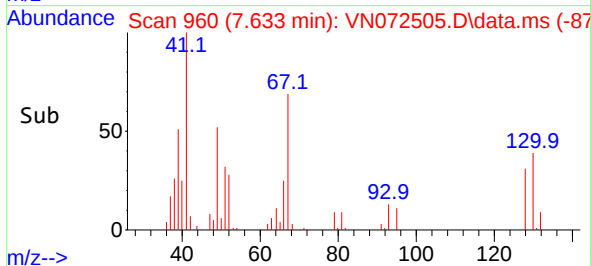
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



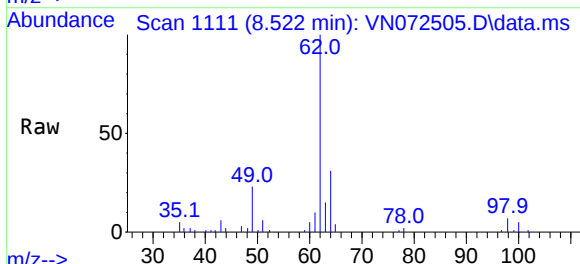
Tgt Ion: 41 Resp: 3489
Ion Ratio Lower Upper
41 100
39 50.7 28.0 83.9
67 68.6 37.7 113.1
52 28.3 17.1 51.2

Manual Integrations
APPROVED

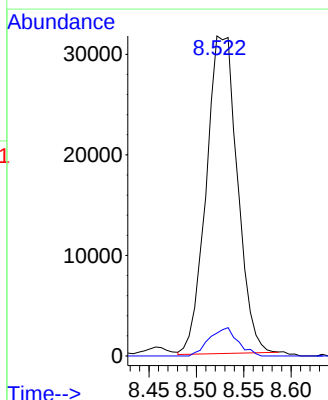
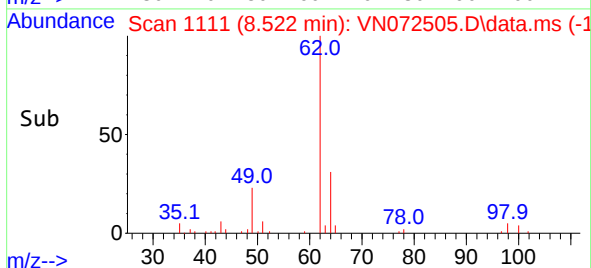
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

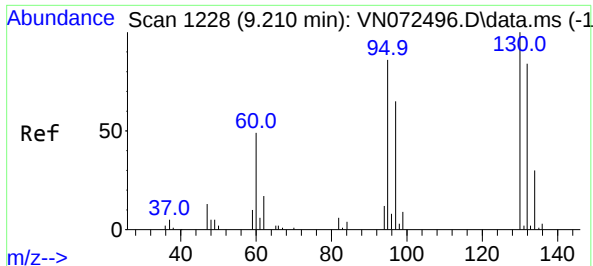


#36
1,2-Dichloroethane
Concen: 20.583 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



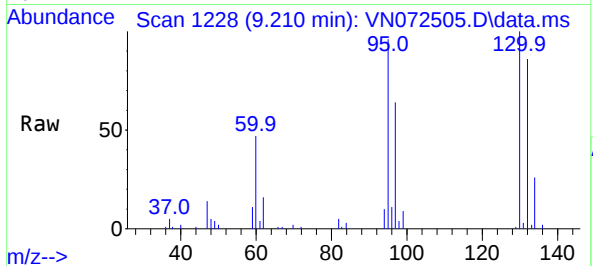
Tgt Ion: 62 Resp: 72379
Ion Ratio Lower Upper
62 100
98 8.1 6.6 10.0





#37
Trichloroethene
Concen: 19.462 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

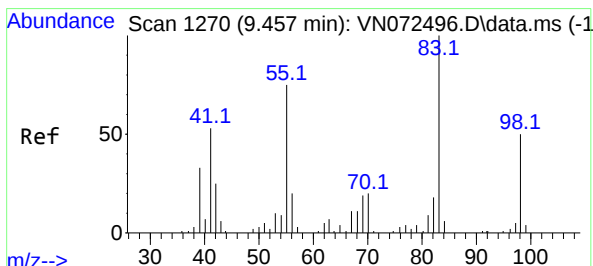
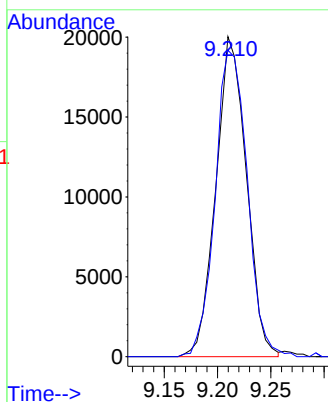
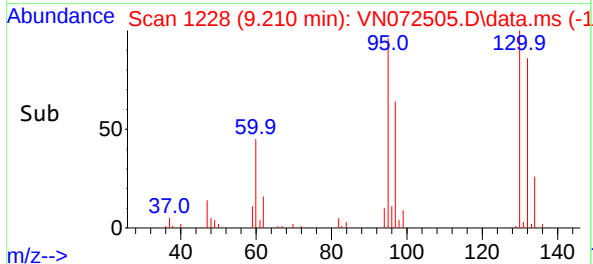
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



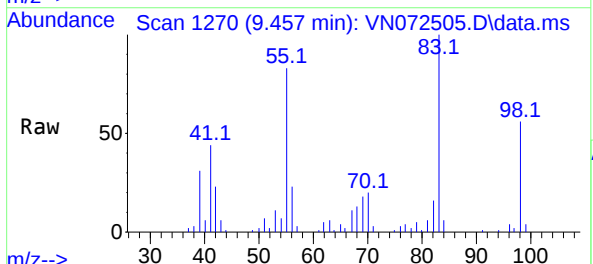
Tgt Ion:130 Resp: 3986
Ion Ratio Lower Upper
130 100
95 95.8 76.6 115.0

Manual Integrations
APPROVED

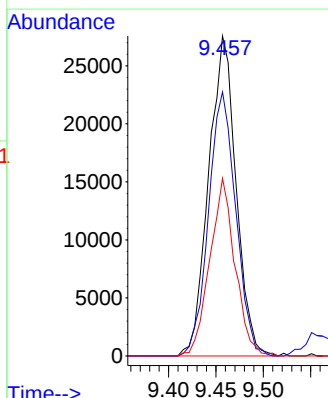
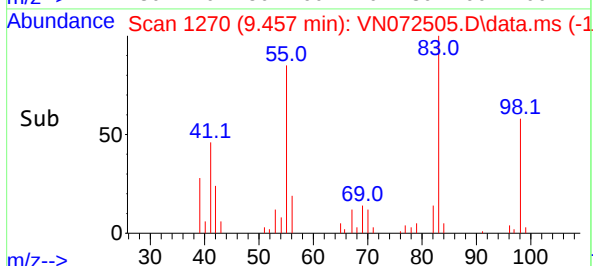
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

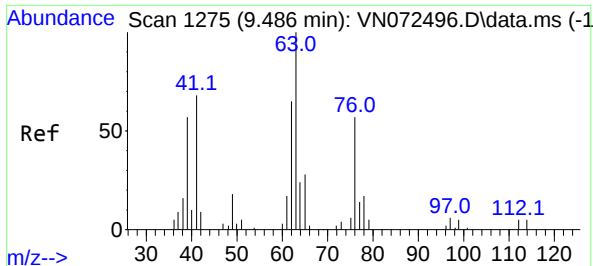


#38
Methylcyclohexane
Concen: 18.042 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



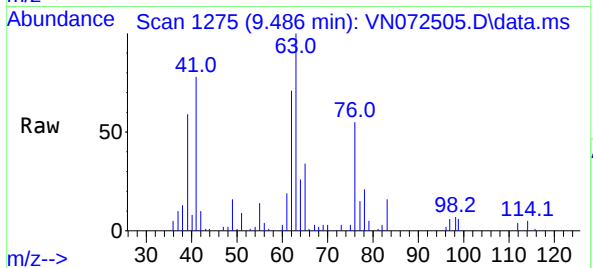
Tgt Ion: 83 Resp: 55428
Ion Ratio Lower Upper
83 100
55 82.2 35.1 105.3
98 51.1 23.4 70.2





#39
1,2-Dichloropropane
Concen: 19.894 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

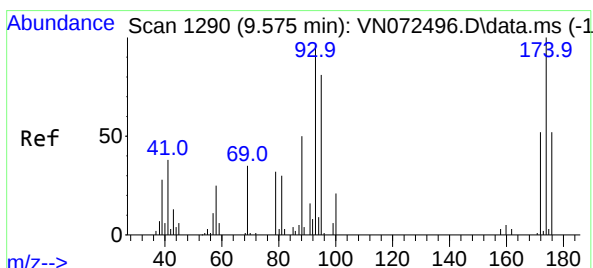
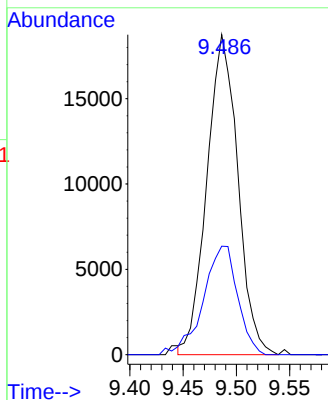
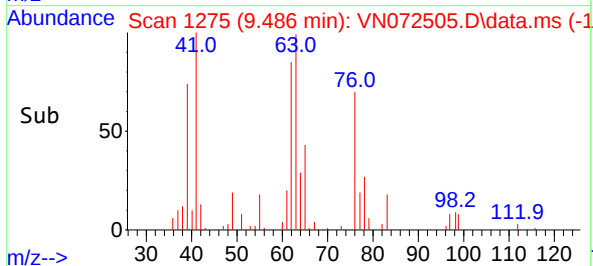
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



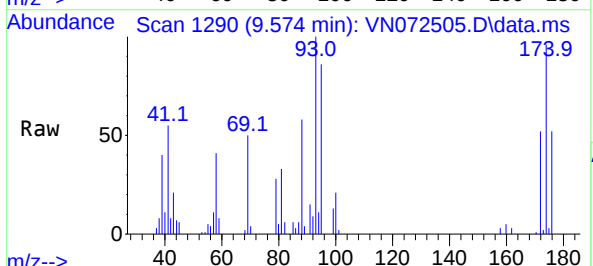
Tgt Ion: 63 Resp: 37838
Ion Ratio Lower Upper
63 100
65 33.9 24.2 36.4

Manual Integrations
APPROVED

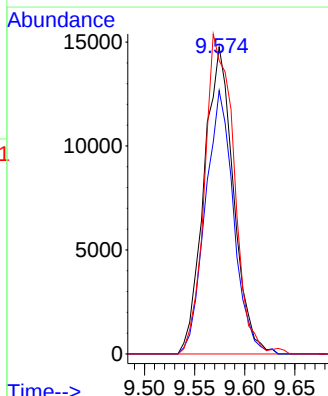
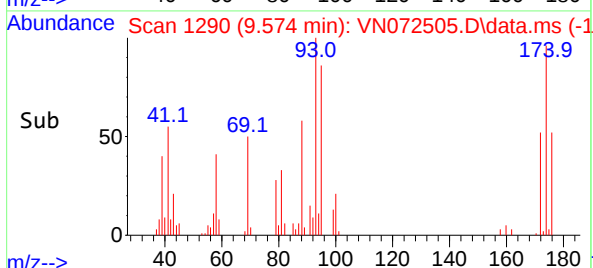
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

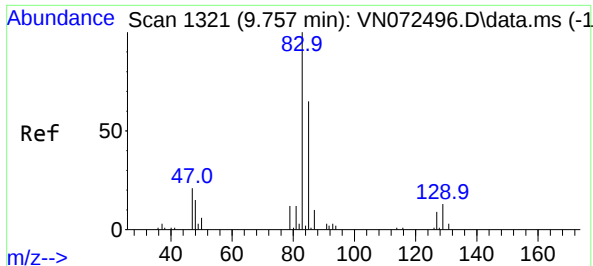


#40
Dibromomethane
Concen: 20.562 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



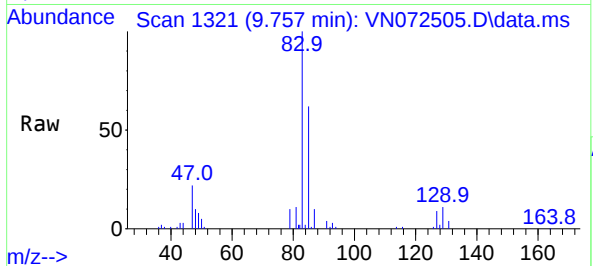
Tgt Ion: 93 Resp: 30190
Ion Ratio Lower Upper
93 100
95 82.2 0.0 168.8
174 103.0 0.0 173.6





#41
Bromodichloromethane
Concen: 20.410 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

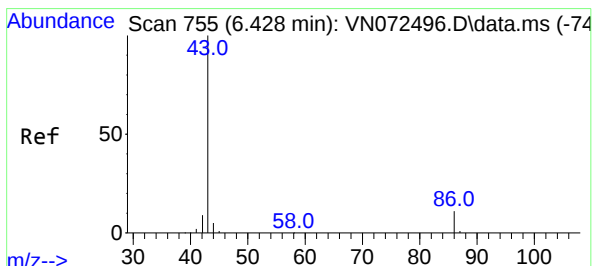
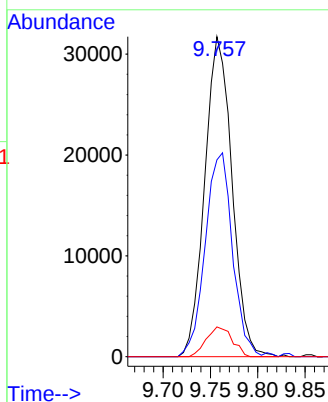
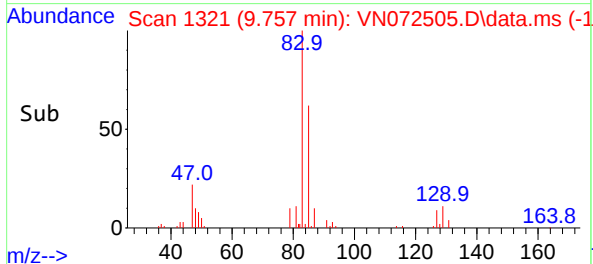
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



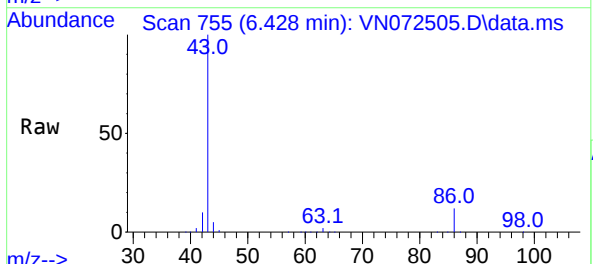
Tgt Ion: 83 Resp: 6348
Ion Ratio Lower Upper
83 100
85 61.5 54.1 81.1
127 9.3 7.6 11.4

Manual Integrations
APPROVED

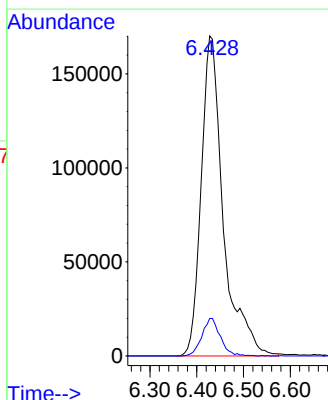
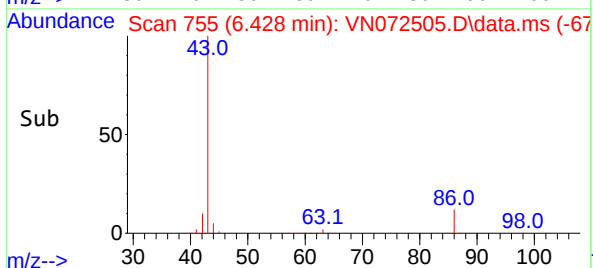
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

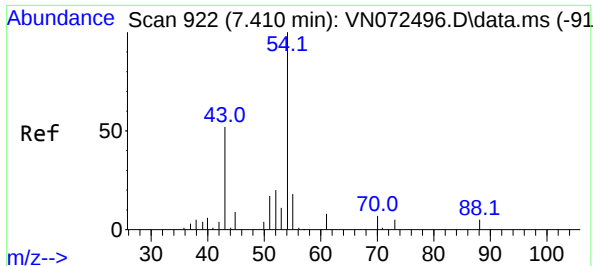


#42
Vinyl Acetate
Concen: 107.885 ug/l m
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



Tgt Ion: 43 Resp: 558470
Ion Ratio Lower Upper
43 100
86 9.7 7.5 11.3





#43

Ethyl Acetate

Concen: 21.706 ug/l

RT: 7.410 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN072505.D

Acq: 16 May 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBS01

Tgt Ion: 43 Resp: 6519

Ion Ratio Lower Upper

43 100

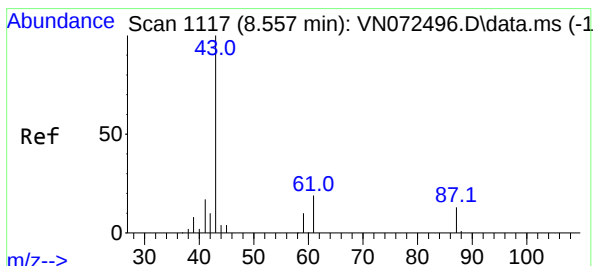
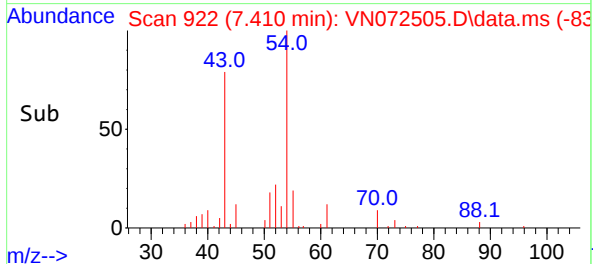
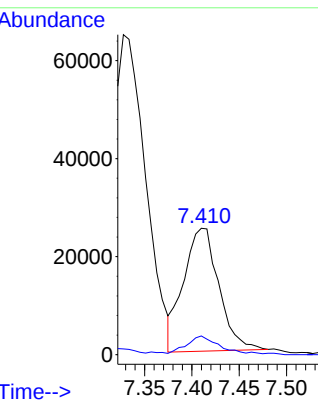
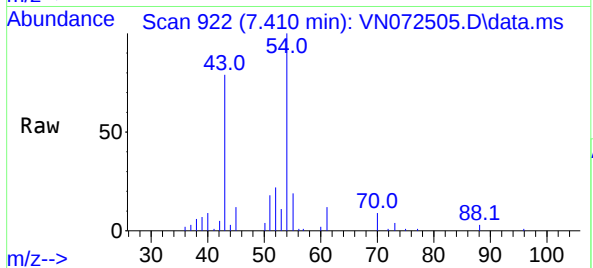
45 12.6 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#44

Isopropyl Acetate

Concen: 21.173 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072505.D

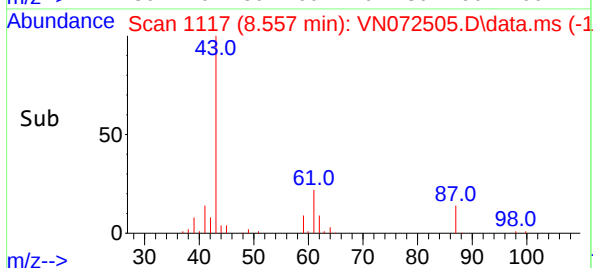
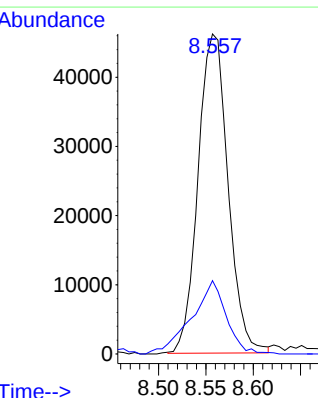
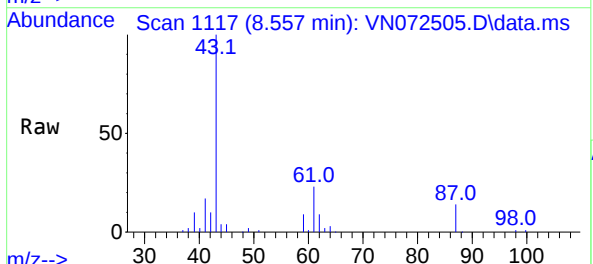
Acq: 16 May 2022 16:56

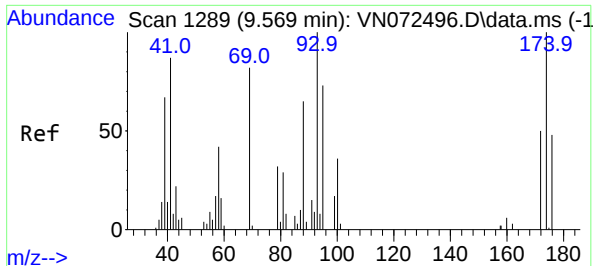
Tgt Ion: 43 Resp: 101798

Ion Ratio Lower Upper

43 100

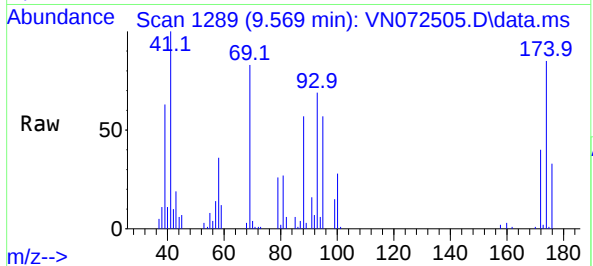
61 26.5 20.1 30.1





#45
1,4-Dioxane
Concen: 458.196 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

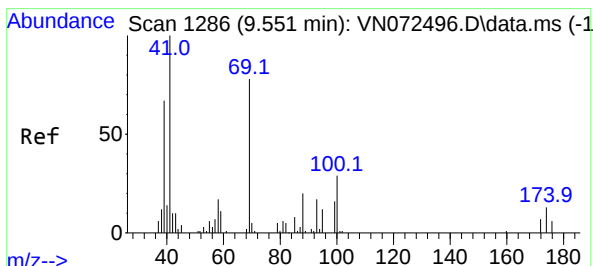
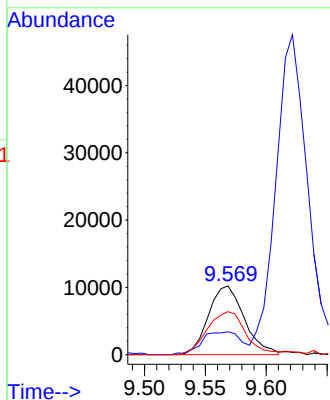
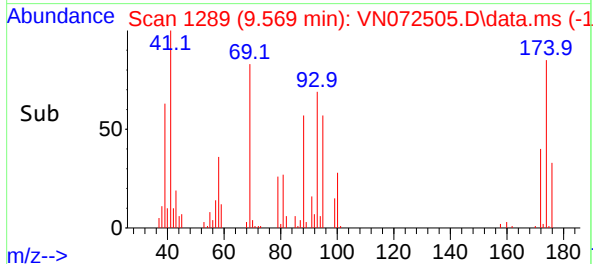
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



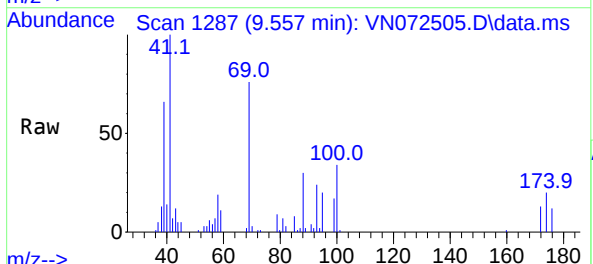
Tgt Ion: 88 Resp: 2098
Ion Ratio Lower Upper
88 100
43 16.0 25.0 37.6
58 67.2 49.4 74.2

Manual Integrations
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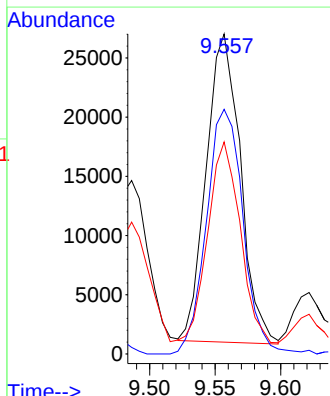
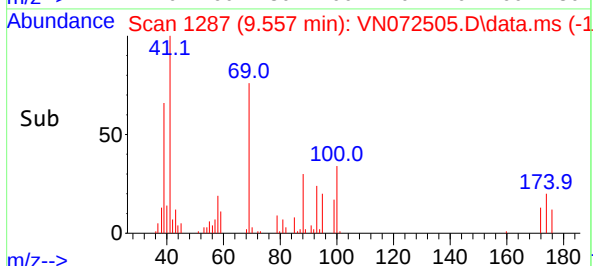
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

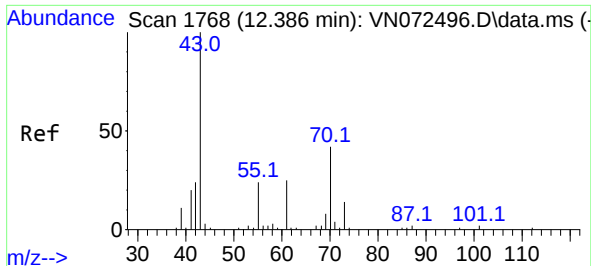


#46
Methyl methacrylate
Concen: 20.734 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



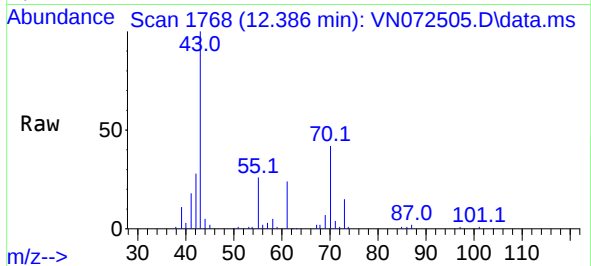
Tgt Ion: 41 Resp: 47169
Ion Ratio Lower Upper
41 100
69 78.9 44.4 133.2
39 65.5 39.9 119.6





#47
n-amyl acetate
Concen: 20.100 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

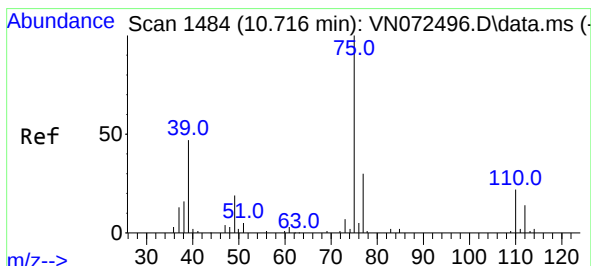
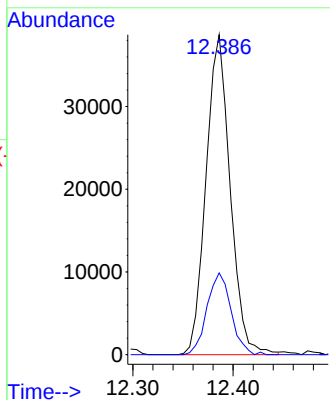
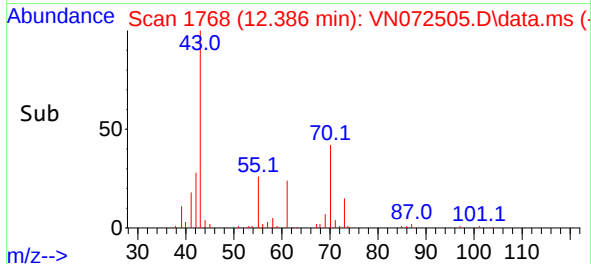
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



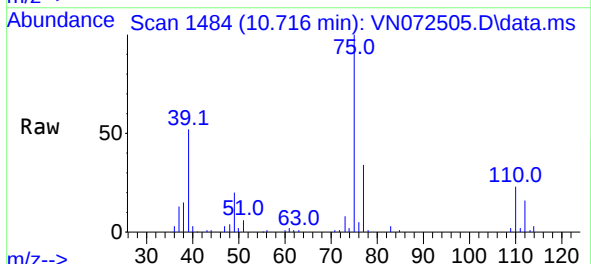
Tgt Ion: 43 Resp: 6469
Ion Ratio Lower Upper
43 100
55 25.3 19.0 28.6

Manual Integrations
APPROVED

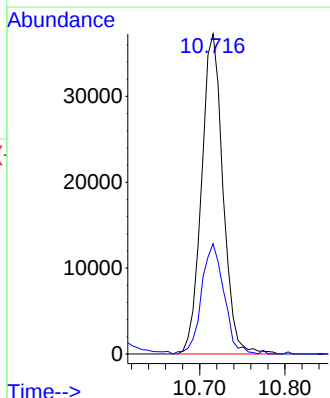
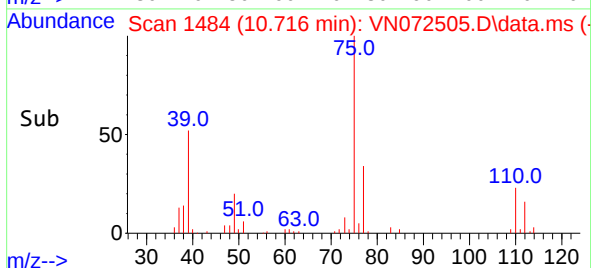
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

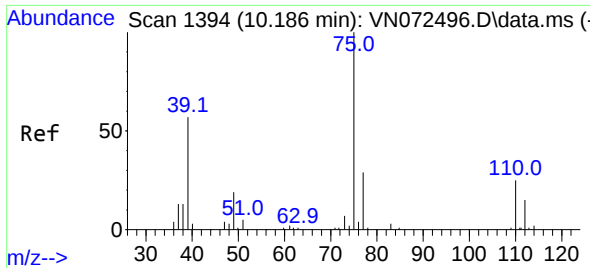


#48
t-1,3-Dichloropropene
Concen: 19.849 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



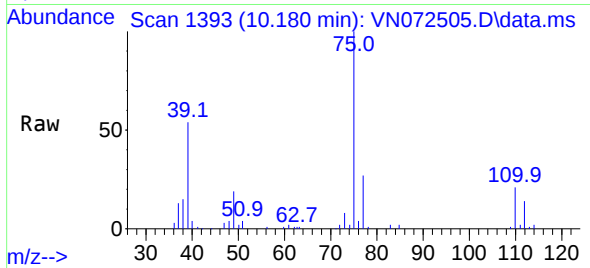
Tgt Ion: 75 Resp: 65182
Ion Ratio Lower Upper
75 100
77 34.5 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 20.243 ug/l
 RT: 10.180 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN072505.D
 Acq: 16 May 2022 16:56

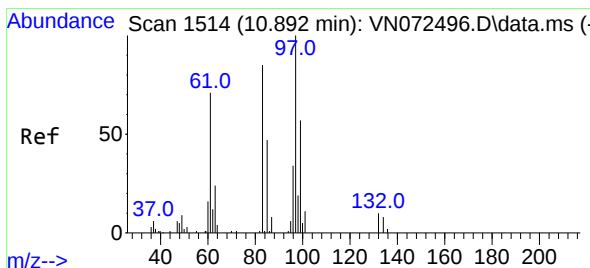
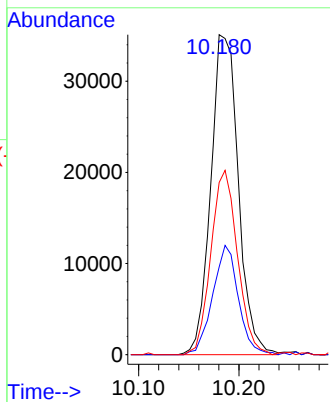
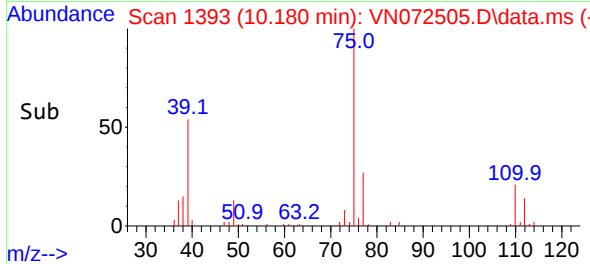
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01



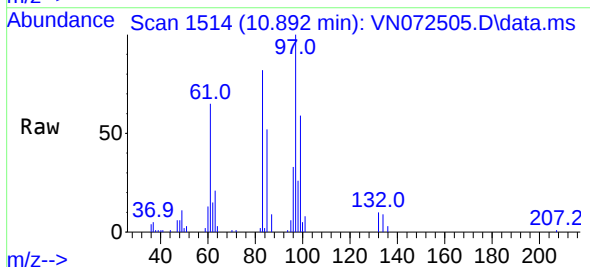
Tgt Ion: 75 Resp: 6699
 Ion Ratio Lower Upper
 75 100
 77 27.4 25.3 37.9
 39 53.8 46.2 69.4

Manual Integrations
 APPROVED

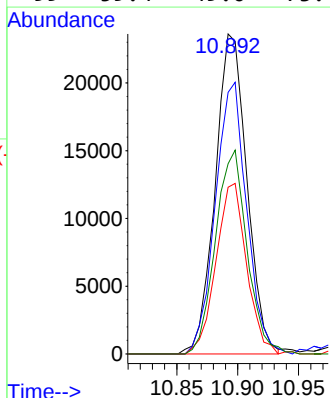
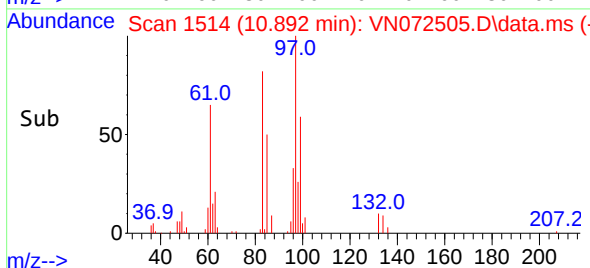
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

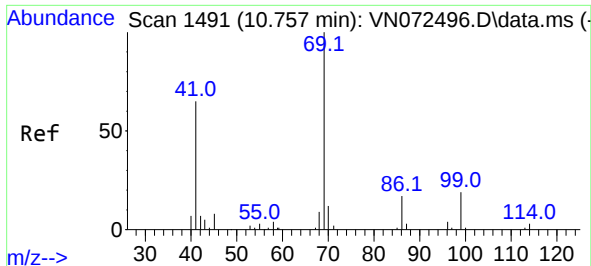


#50
 1,1,2-Trichloroethane
 Concen: 21.059 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN072505.D
 Acq: 16 May 2022 16:56



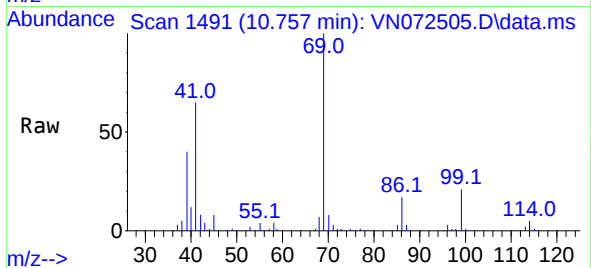
Tgt Ion: 97 Resp: 42647
 Ion Ratio Lower Upper
 97 100
 83 81.7 67.2 100.8
 85 52.1 43.0 64.4
 99 59.4 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.621 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

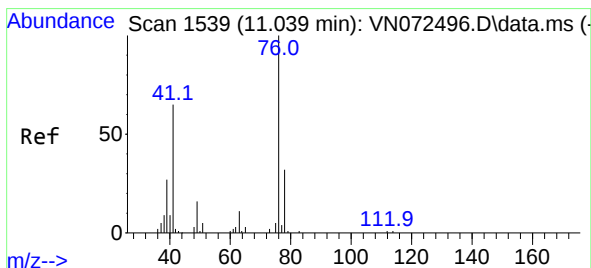
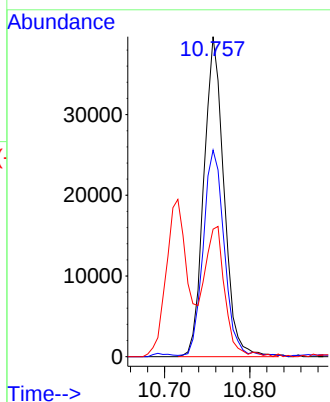
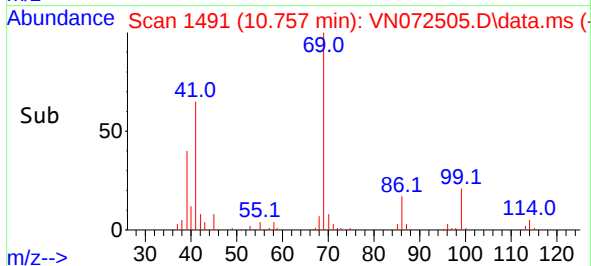
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



Tgt Ion: 69 Resp: 65119
Ion Ratio Lower Upper
69 100
41 64.2 33.0 98.9
39 39.0 25.4 76.4

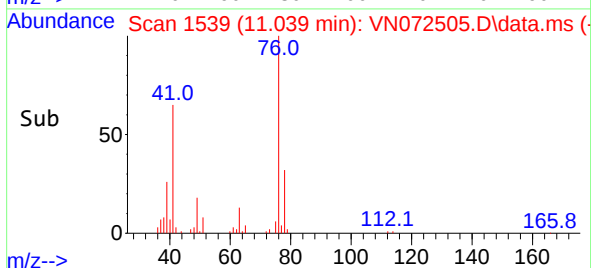
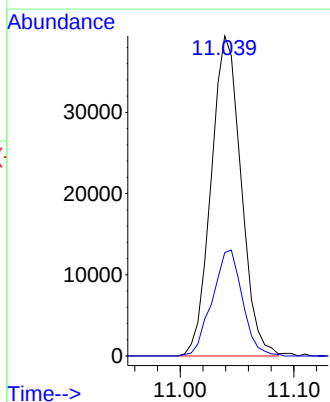
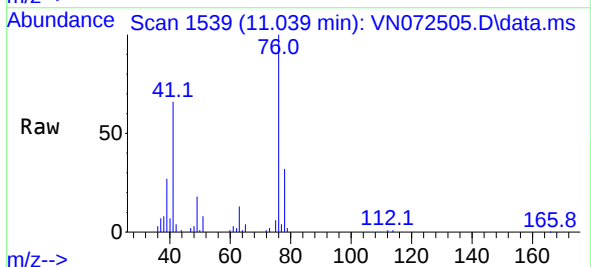
Manual Integrations
APPROVED

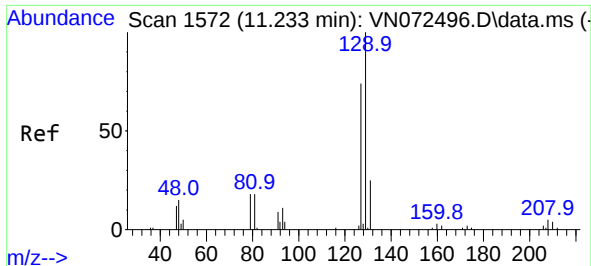
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#52
1,3-Dichloropropane
Concen: 20.638 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

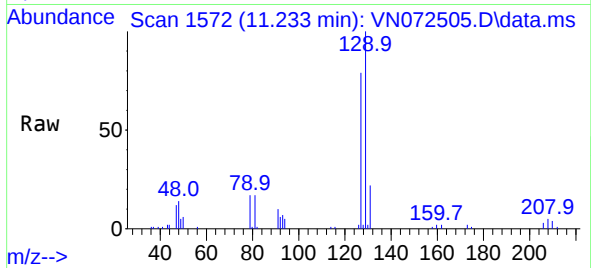
Tgt Ion: 76 Resp: 72211
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.4





#53
Dibromochloromethane
Concen: 20.250 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

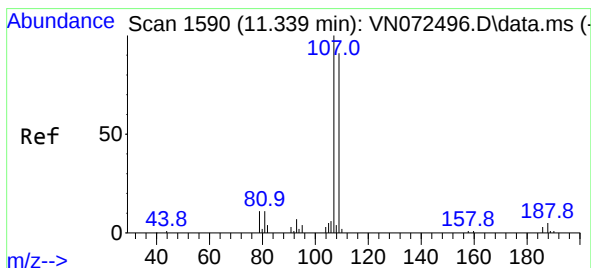
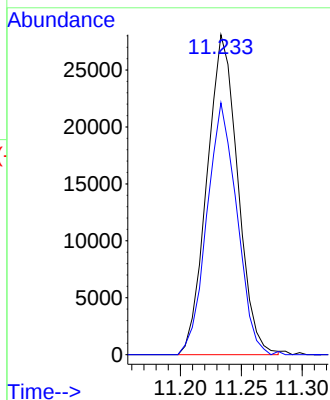
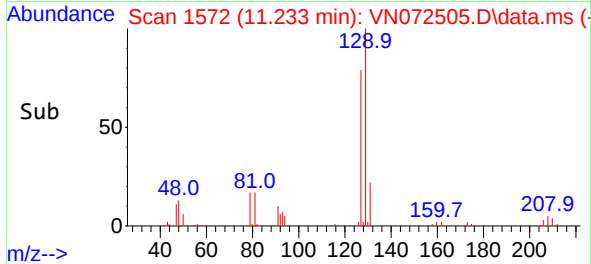
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



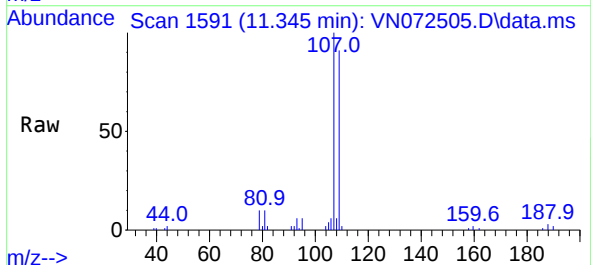
Tgt Ion:129 Resp: 4951
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0

Manual Integrations
APPROVED

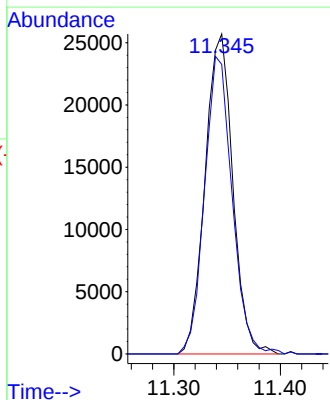
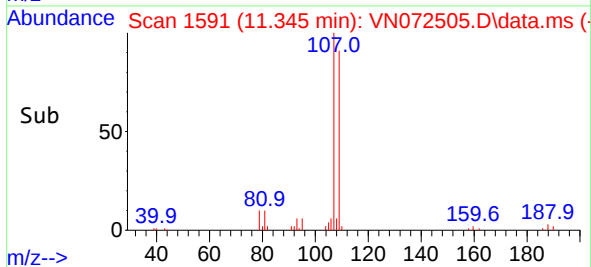
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

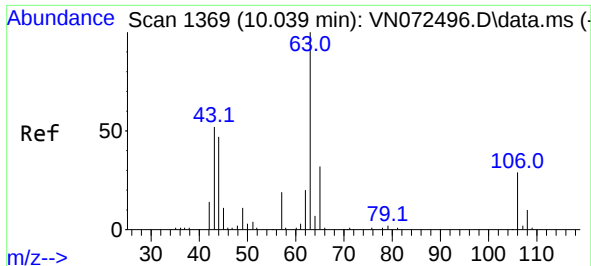


#54
1,2-Dibromoethane
Concen: 21.559 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



Tgt Ion:107 Resp: 46443
Ion Ratio Lower Upper
107 100
109 92.1 72.8 109.2





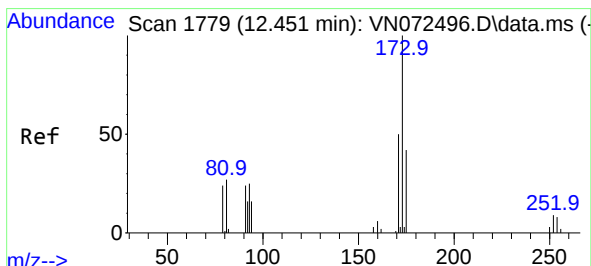
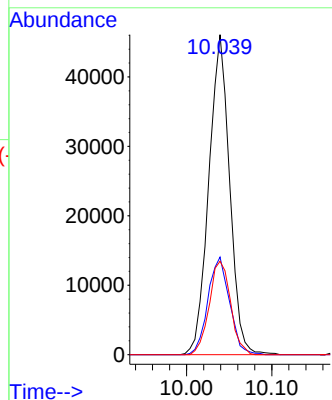
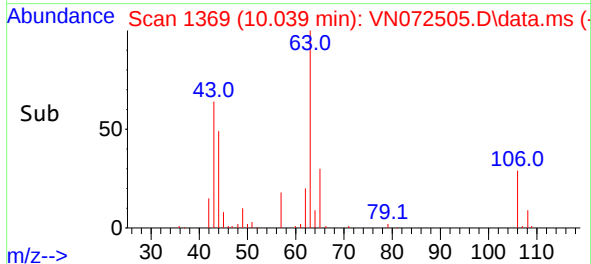
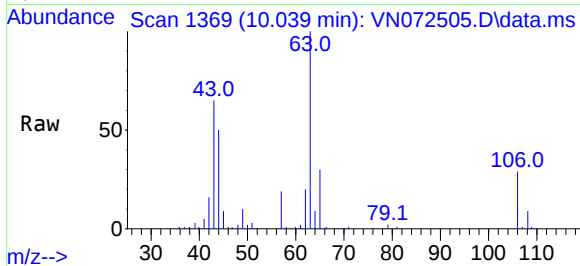
#55
2-Chloroethyl vinyl ether
Concen: 97.631 ug/l
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 63 Resp: 78228
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 29.9 23.2 34.8

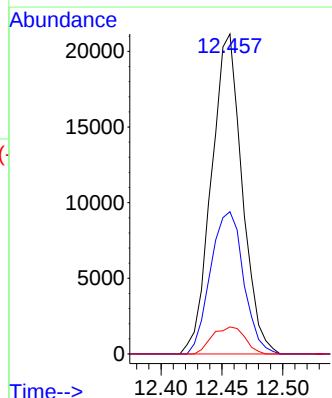
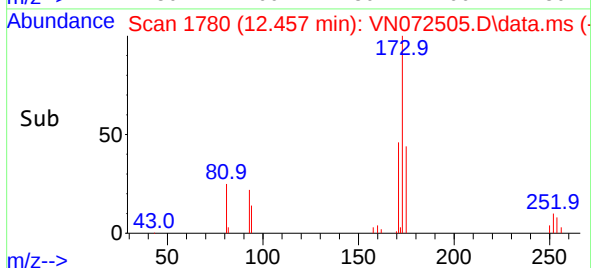
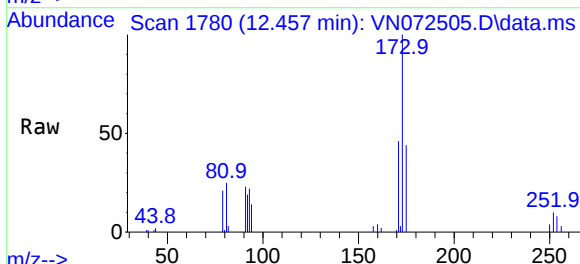
Manual Integrations
APPROVED

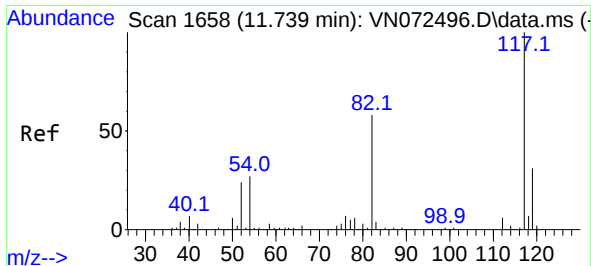
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#56
Bromoform
Concen: 20.157 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Tgt Ion:173 Resp: 37171
Ion Ratio Lower Upper
173 100
175 47.8 38.6 58.0
254 9.0 0.0 0.0#





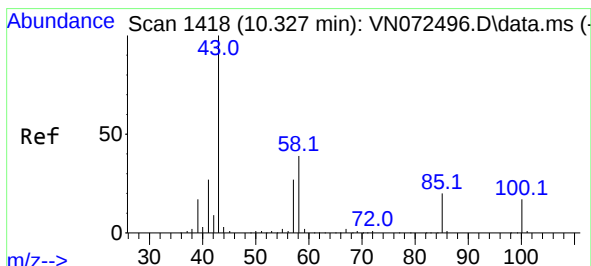
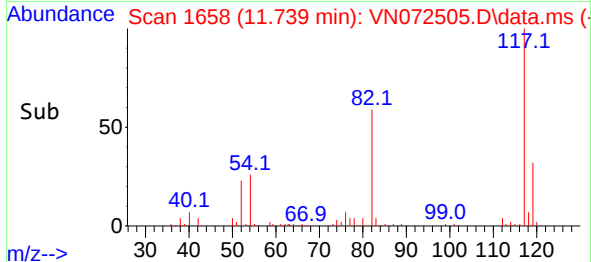
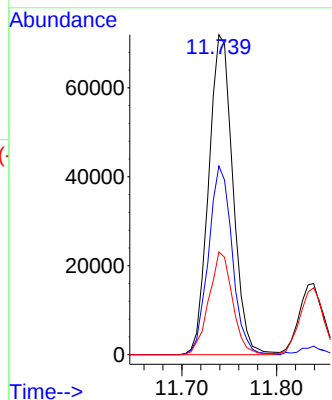
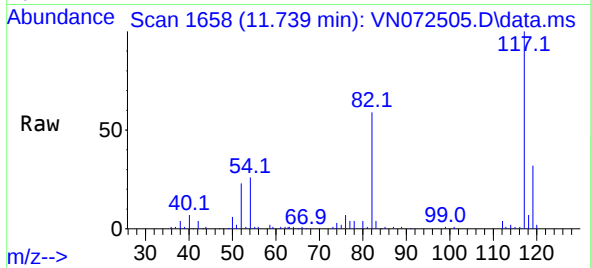
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion:117 Resp: 12764
Ion Ratio Lower Upper
117 100
82 57.9 43.6 65.4
119 31.4 25.8 38.6

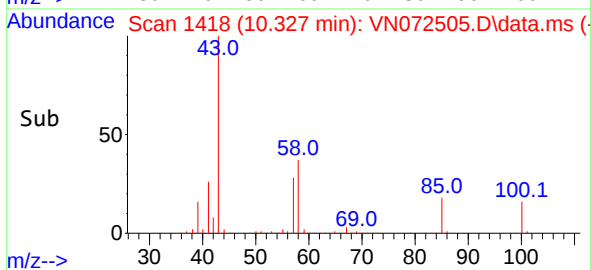
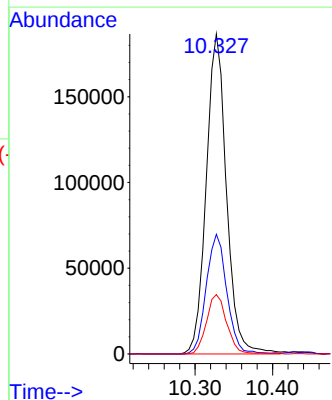
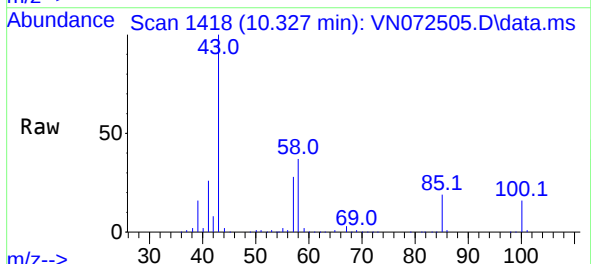
Manual Integrations
APPROVED

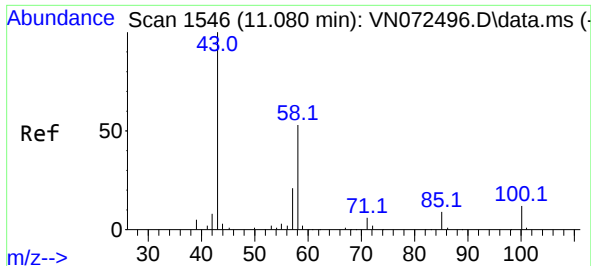
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#58
4-Methyl-2-Pentanone
Concen: 112.590 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

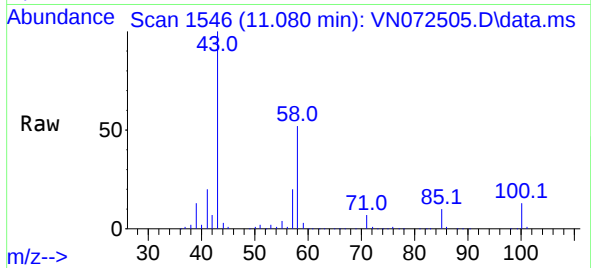
Tgt Ion: 43 Resp: 338633
Ion Ratio Lower Upper
43 100
58 37.6 30.0 45.0
85 18.6 15.0 22.6





#59
2-Hexanone
Concen: 111.444 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

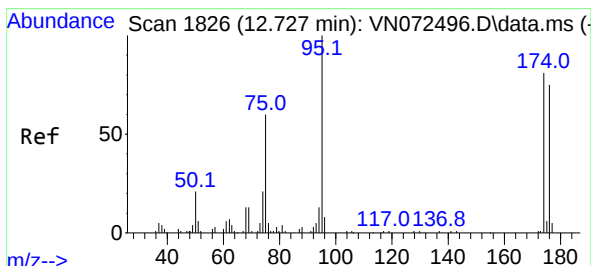
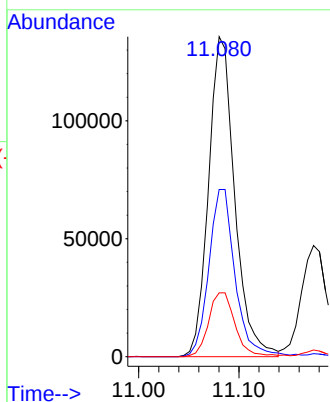
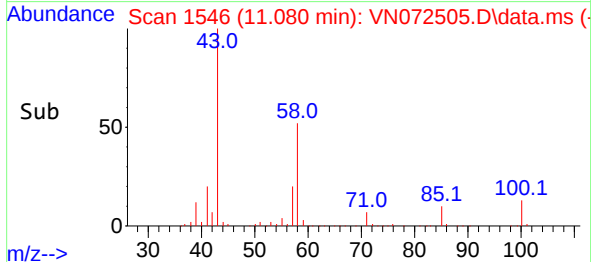
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



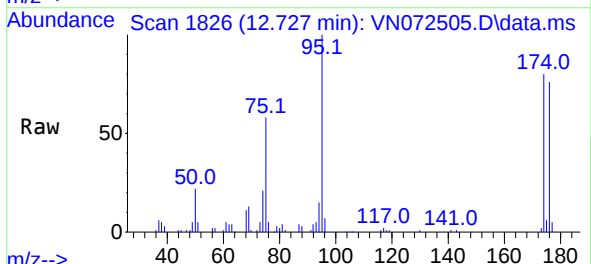
Tgt Ion: 43 Resp: 246238
Ion Ratio Lower Upper
43 100
58 52.5 42.2 63.2
57 20.4 15.0 22.4

Manual Integrations
APPROVED

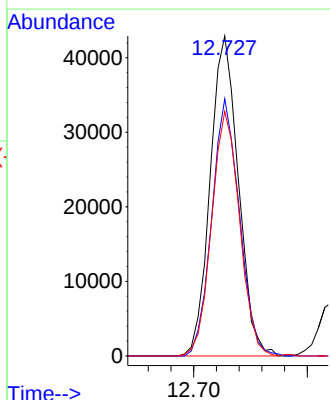
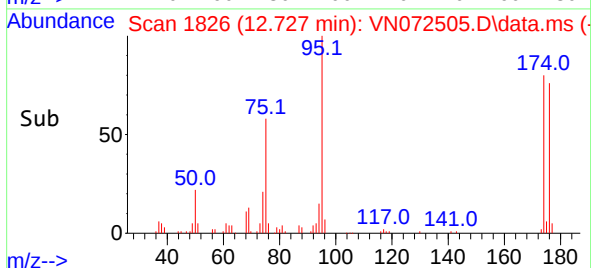
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

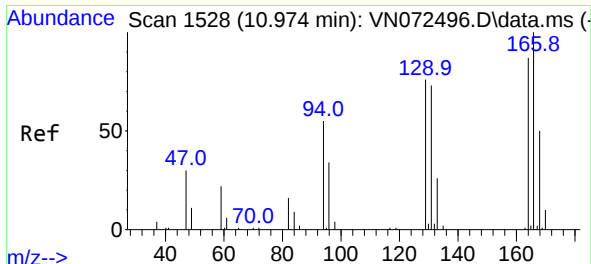


#60
4-Bromofluorobenzene
Concen: 29.672 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



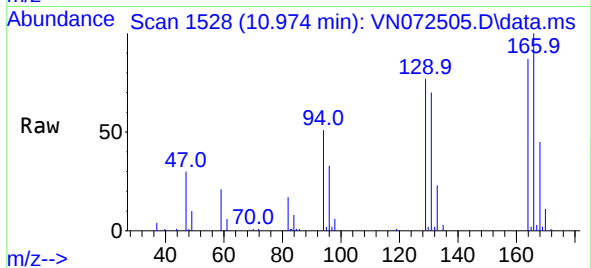
Tgt Ion: 95 Resp: 73949
Ion Ratio Lower Upper
95 100
174 78.7 62.9 94.3
176 75.6 61.0 91.4





#61
Tetrachloroethene
Concen: 20.148 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

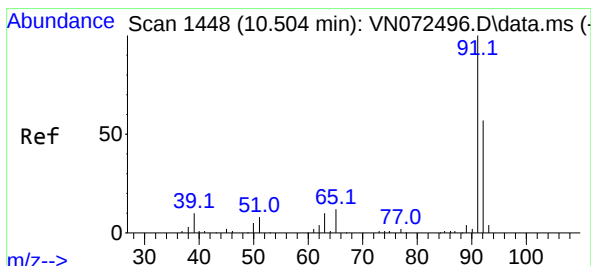
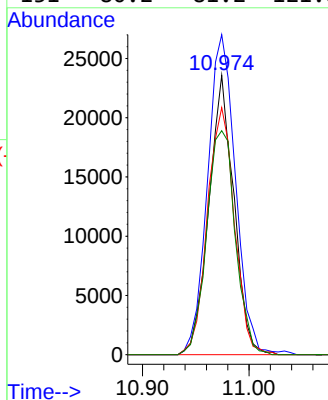
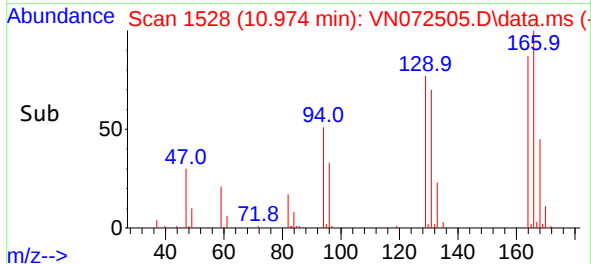
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



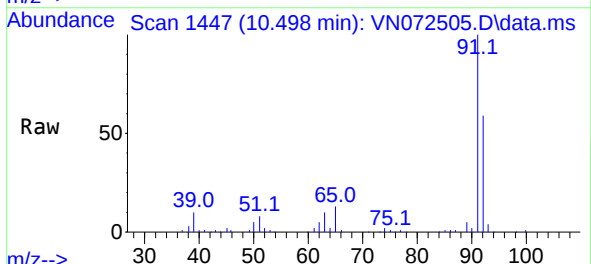
Tgt Ion:164 Resp: 38514
Ion Ratio Lower Upper
164 100
166 114.5 105.8 158.8
129 88.4 82.5 123.7
131 80.2 81.2 121.8#

Manual Integrations
APPROVED

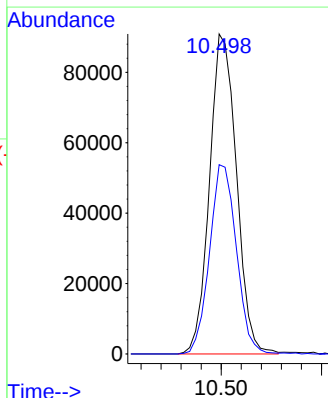
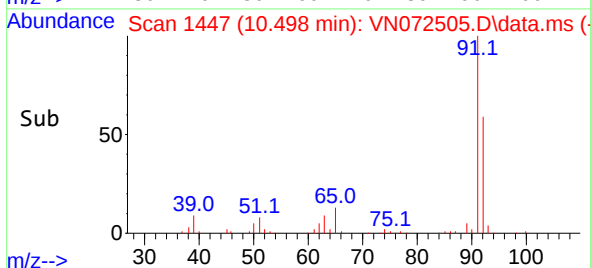
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

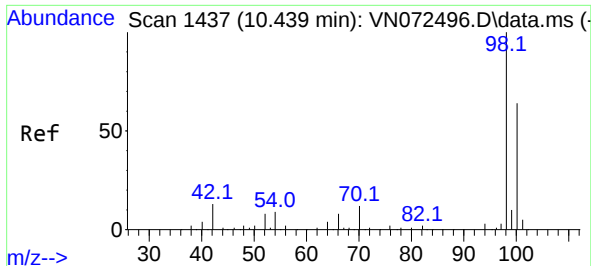


#62
Toluene
Concen: 19.680 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



Tgt Ion: 91 Resp: 169702
Ion Ratio Lower Upper
91 100
92 59.0 44.6 67.0





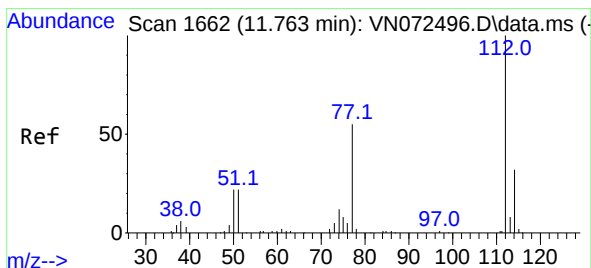
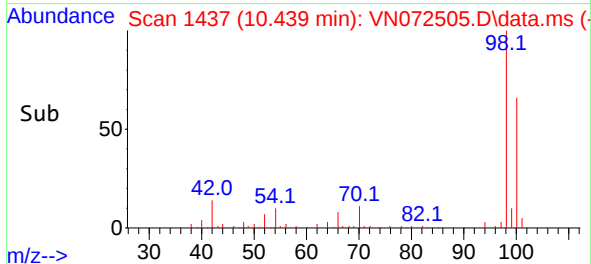
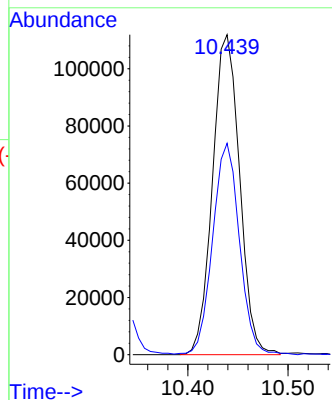
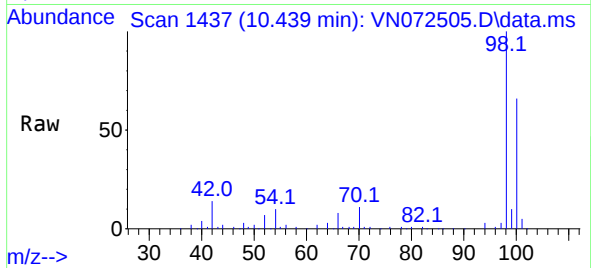
#63
Toluene-d8
Concen: 30.135 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 98 Resp: 209968
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

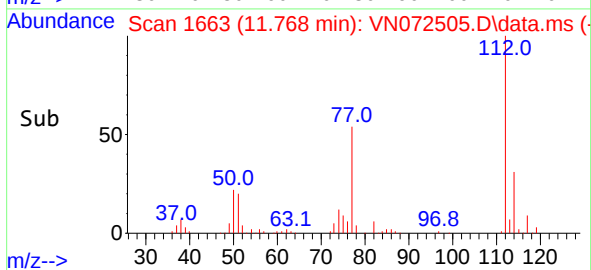
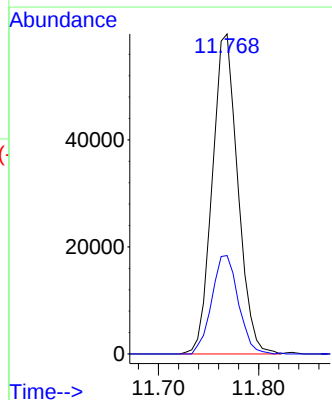
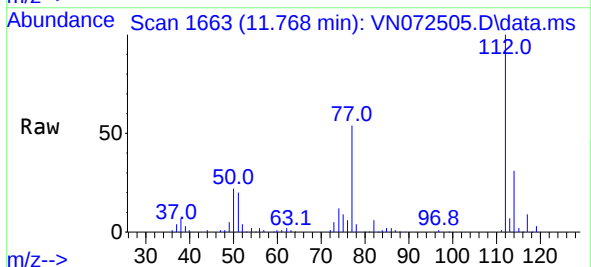
Manual Integrations
APPROVED

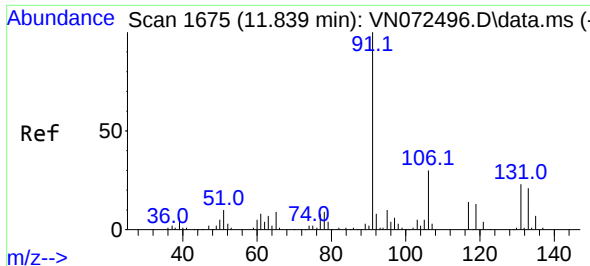
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#64
Chlorobenzene
Concen: 19.636 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Tgt Ion:112 Resp: 105622
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6





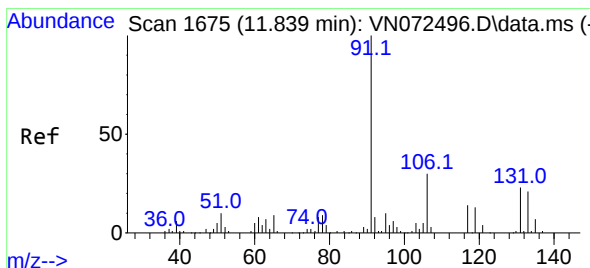
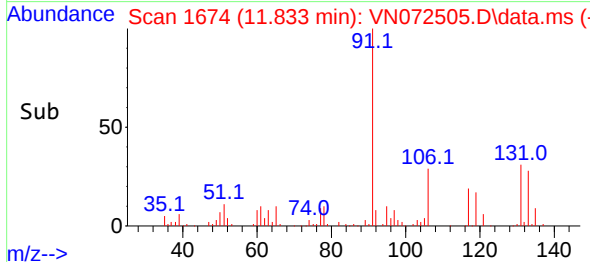
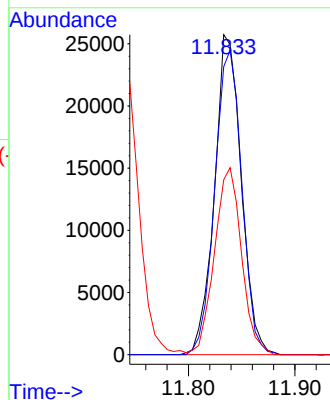
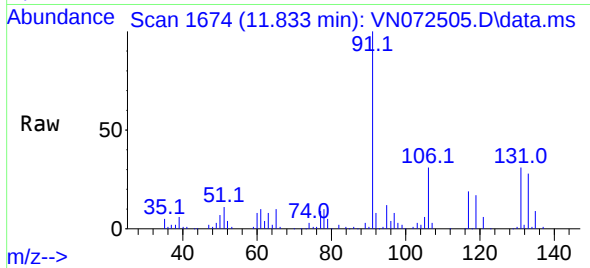
#65
1,1,1,2-Tetrachloroethane
Concen: 20.219 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion:131 Resp: 44969
Ion Ratio Lower Upper
131 100
133 96.0 0.0 191.2
119 59.0 0.0 128.8

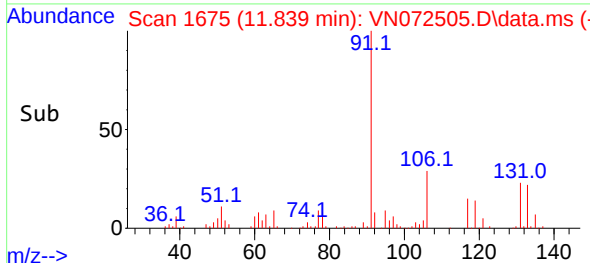
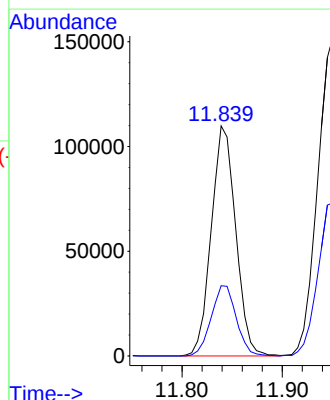
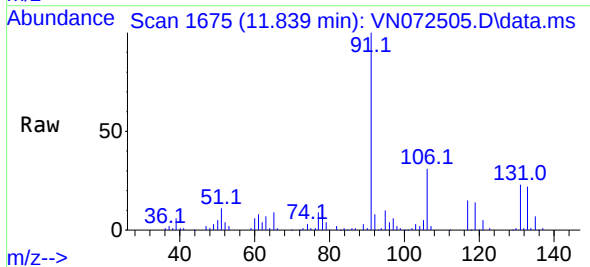
Manual Integrations
APPROVED

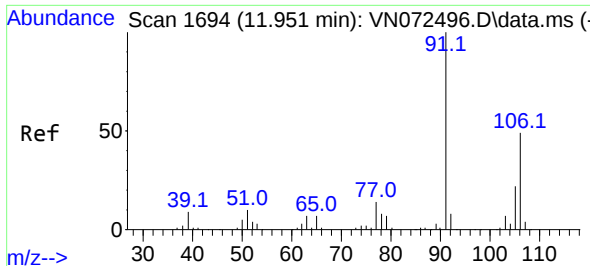
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#66
Ethyl Benzene
Concen: 19.197 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Tgt Ion: 91 Resp: 186193
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0





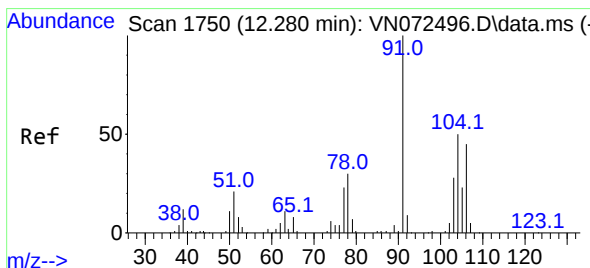
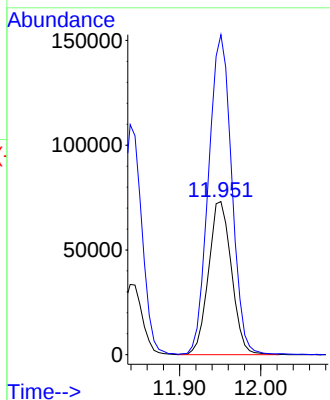
#67
m/p-Xylenes
Concen: 39.098 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion:106 Resp: 143779
Ion Ratio Lower Upper
106 100
91 211.1 162.9 244.3

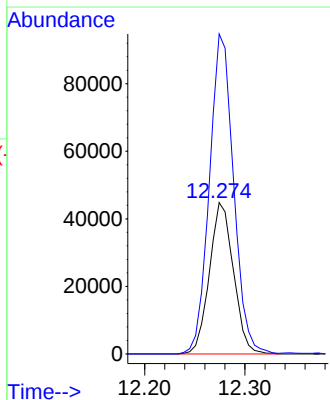
Manual Integrations
APPROVED

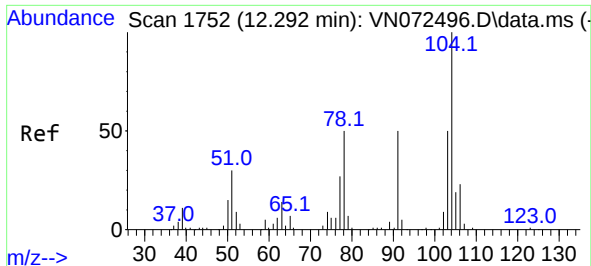
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#68
o-Xylene
Concen: 20.547 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Tgt Ion:106 Resp: 74687
Ion Ratio Lower Upper
106 100
91 212.7 107.7 323.1





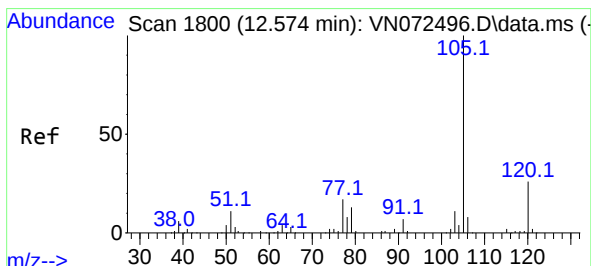
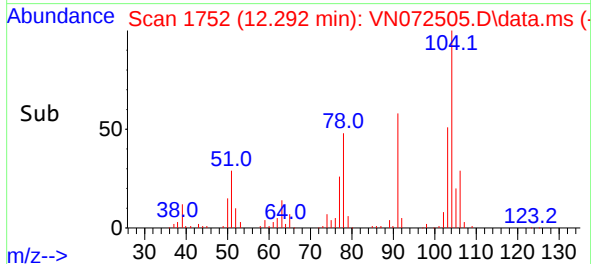
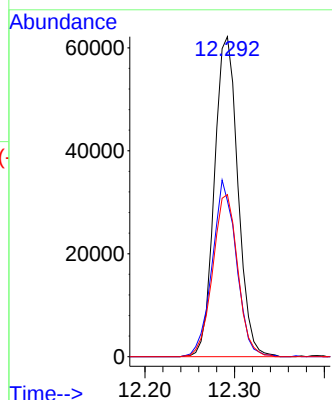
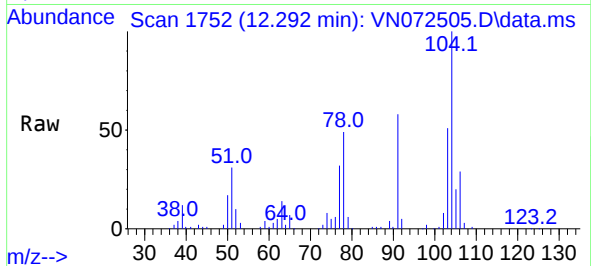
#69
Styrene
Concen: 19.526 ug/l
RT: 12.292 min Scan# 113040
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion:104 Resp: 113040
Ion Ratio Lower Upper
104 100
78 56.6 40.7 61.1
103 54.1 45.8 68.8

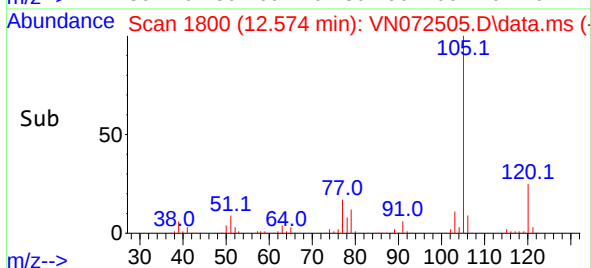
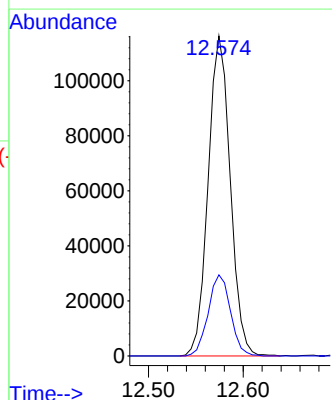
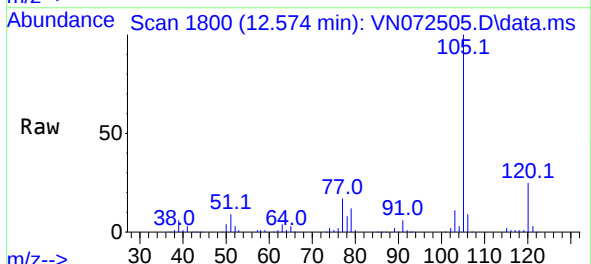
Manual Integrations
APPROVED

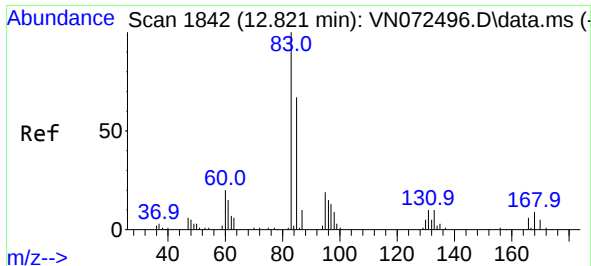
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#70
Isopropylbenzene
Concen: 19.579 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Tgt Ion:105 Resp: 188852
Ion Ratio Lower Upper
105 100
120 25.5 18.3 34.1





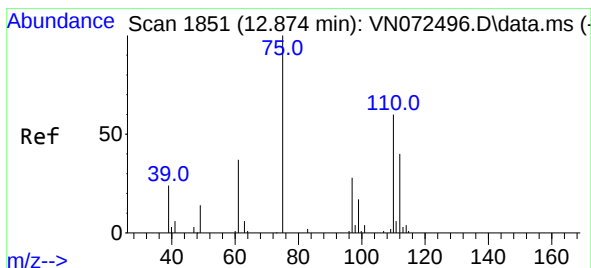
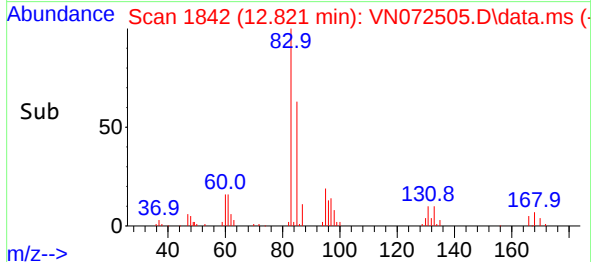
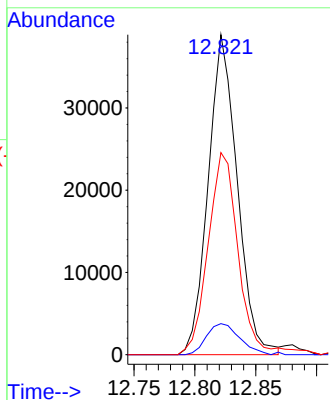
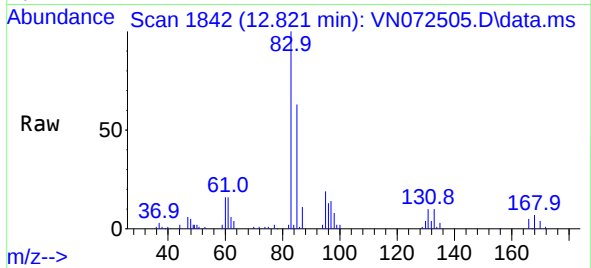
#71
1,1,2,2-Tetrachloroethane
Concen: 21.908 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 83 Resp: 64529
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 64.2 33.1 99.2

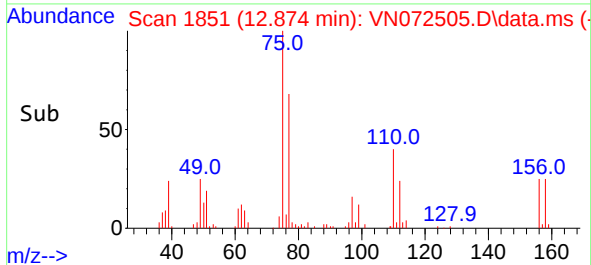
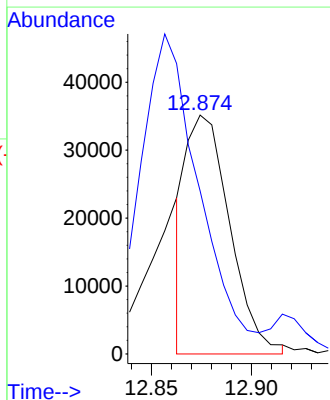
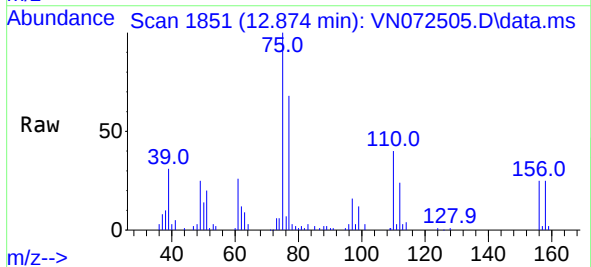
Manual Integrations
APPROVED

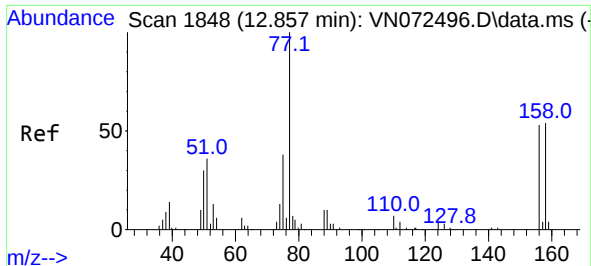
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#72
1,2,3-Trichloropropane
Concen: 19.449 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

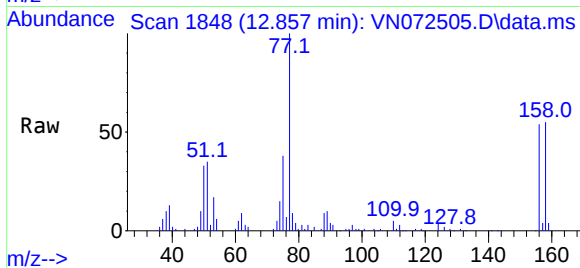
Tgt Ion: 75 Resp: 53730
Ion Ratio Lower Upper
75 100
77 182.0 0.0 378.0





#73
Bromobenzene
Concen: 19.518 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

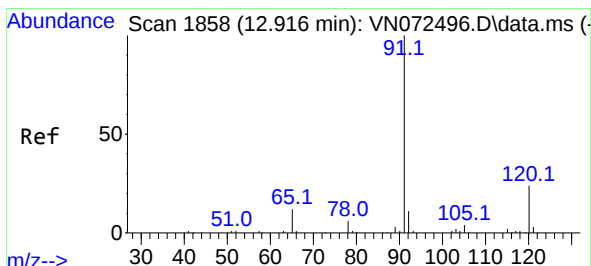
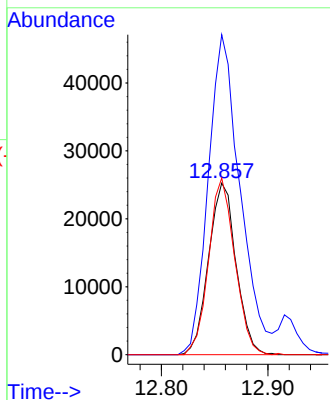
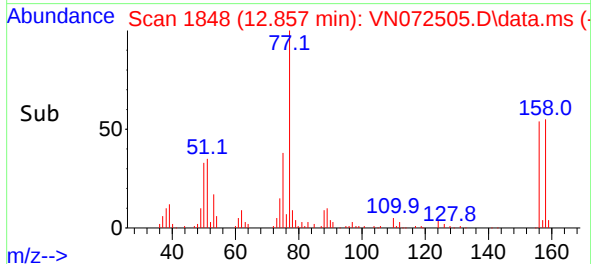
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



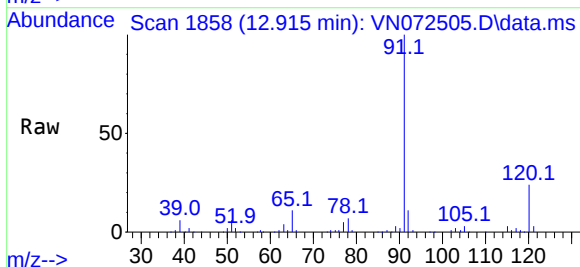
Tgt Ion:156 Resp: 45307
Ion Ratio Lower Upper
156 100
77 215.8 0.0 416.0
158 97.7 0.0 195.4

Manual Integrations
APPROVED

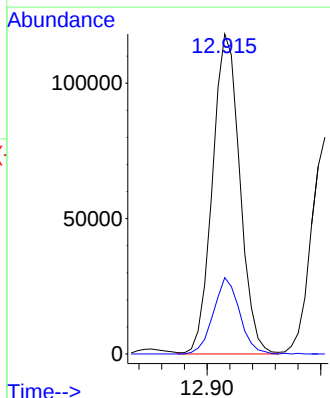
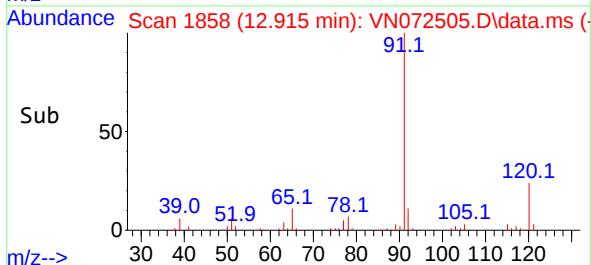
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

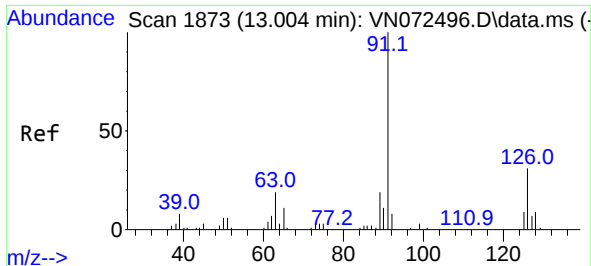


#74
n-propylbenzene
Concen: 18.731 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



Tgt Ion: 91 Resp: 197776
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0





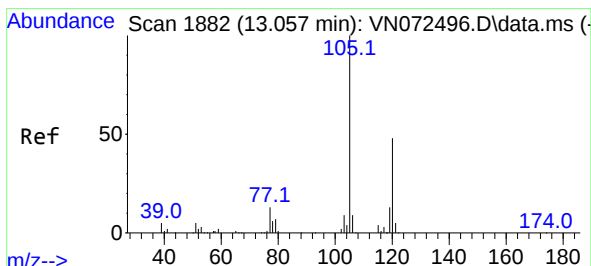
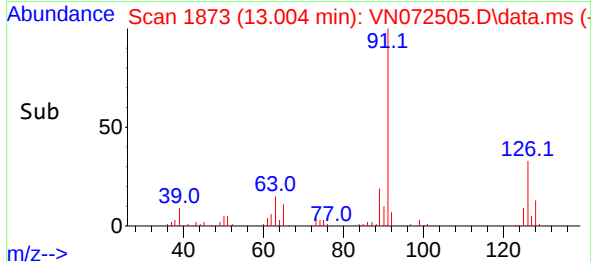
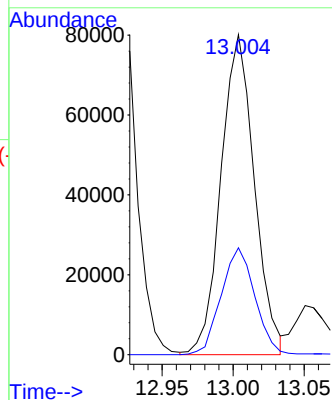
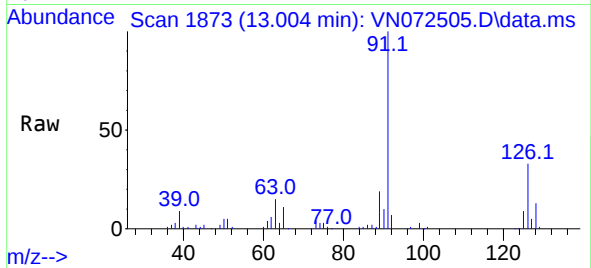
#75
2-Chlorotoluene
Concen: 19.194 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 91 Resp: 130944
Ion Ratio Lower Upper
91 100
126 33.8 0.0 69.8

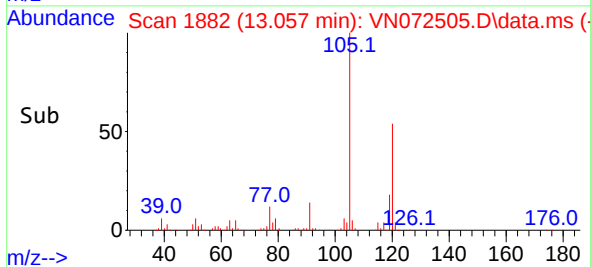
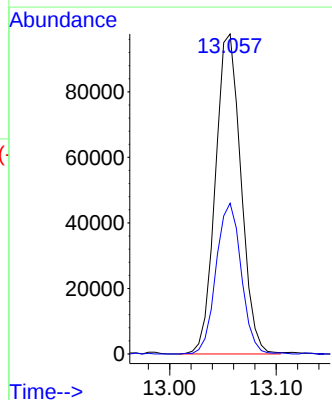
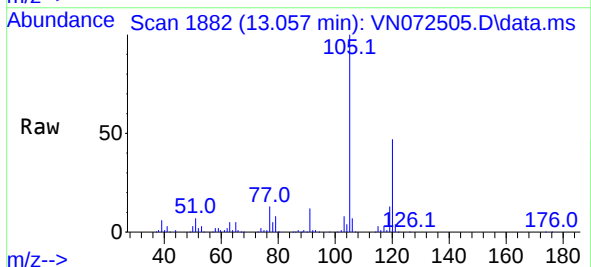
Manual Integrations
APPROVED

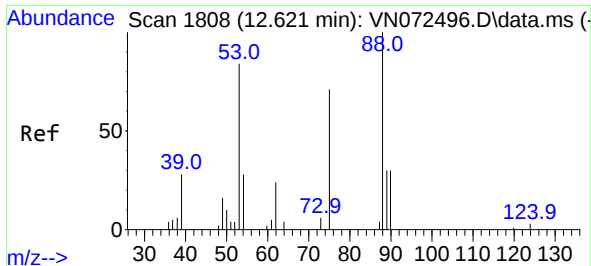
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.707 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Tgt Ion:105 Resp: 162579
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.8





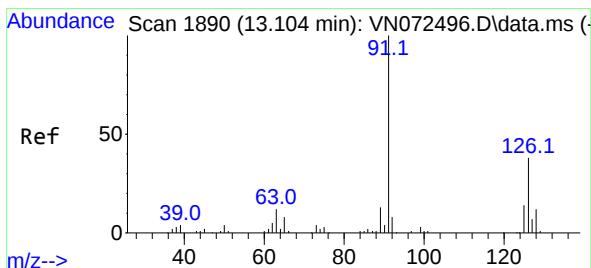
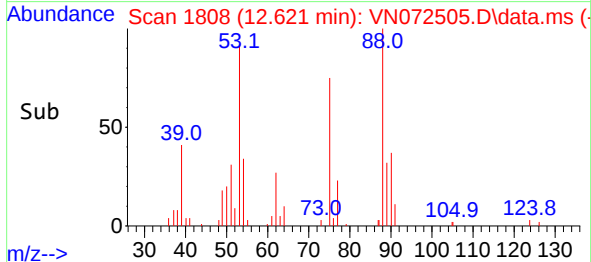
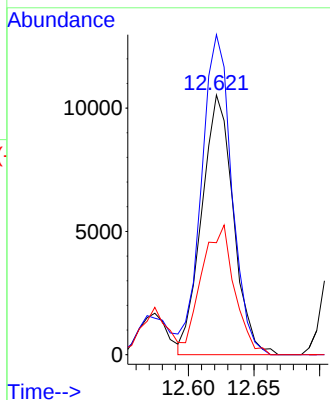
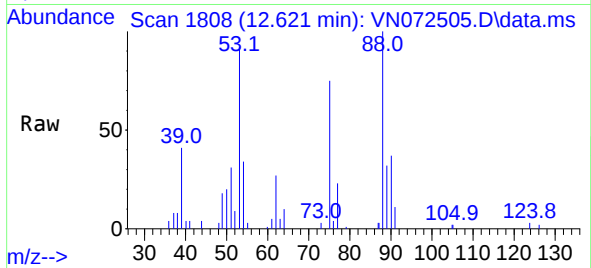
#77
t-1,4-Dichloro-2-butene
Concen: 19.366 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 75 Resp: 1767
Ion Ratio Lower Upper
75 100
53 123.2 51.8 155.5
89 43.1 22.9 68.7

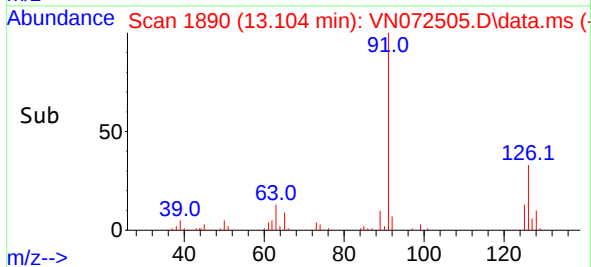
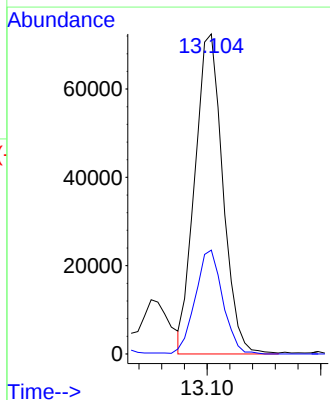
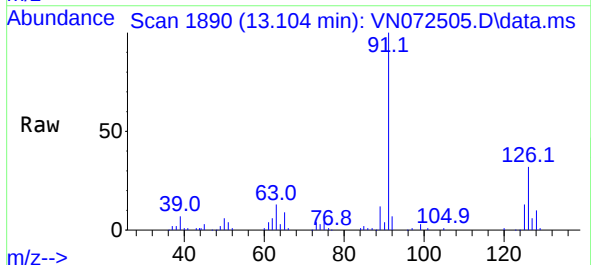
Manual Integrations
APPROVED

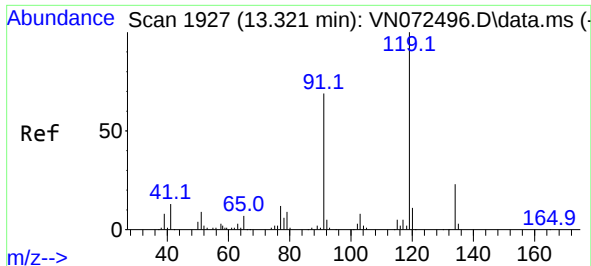
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#78
4-Chlorotoluene
Concen: 19.375 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Tgt Ion: 91 Resp: 123894
Ion Ratio Lower Upper
91 100
126 31.8 0.0 70.6





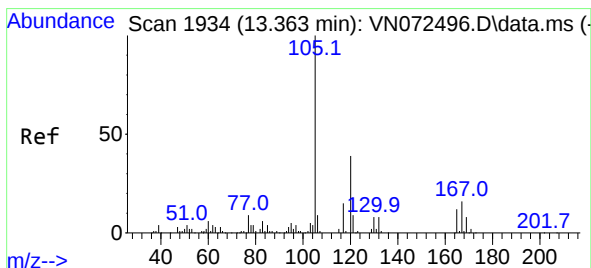
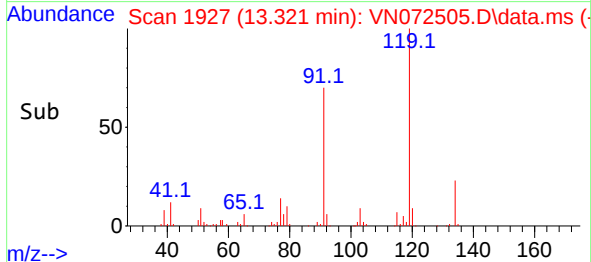
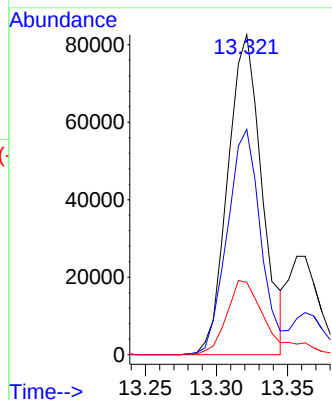
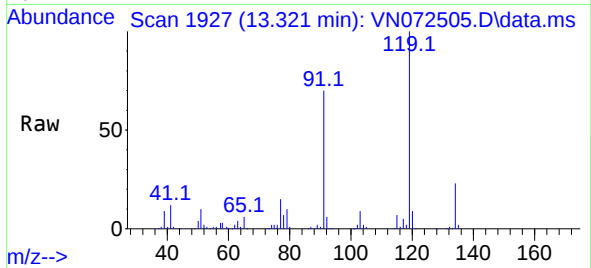
#79
tert-butylbenzene
Concen: 19.078 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion:119 Resp: 13828
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 25.5 0.0 47.6

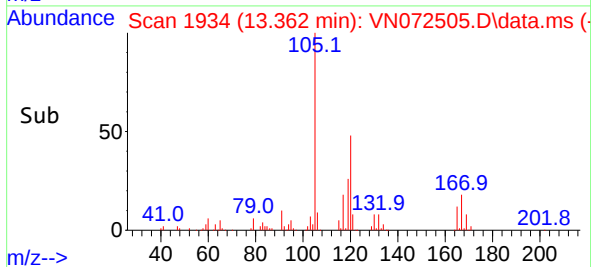
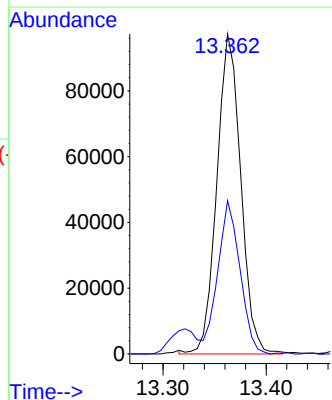
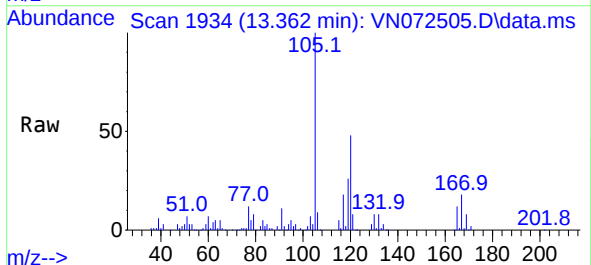
Manual Integrations
APPROVED

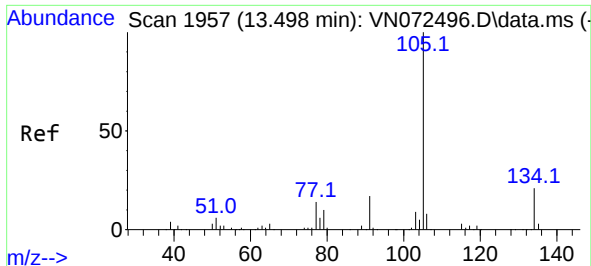
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.742 ug/l m
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

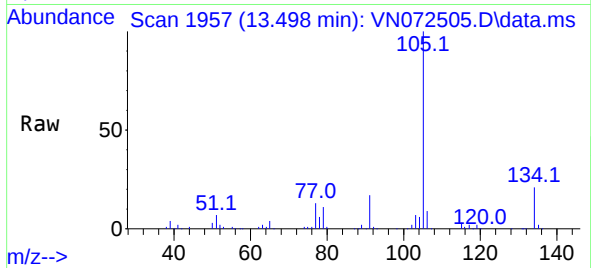
Tgt Ion:105 Resp: 156943
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 18.481 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072505.D
 Acq: 16 May 2022 16:56

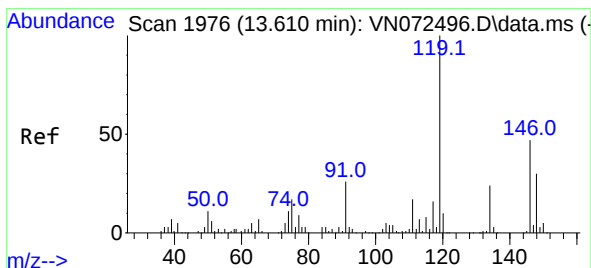
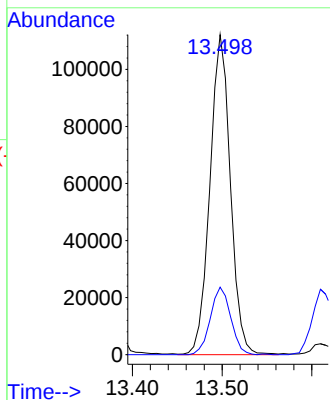
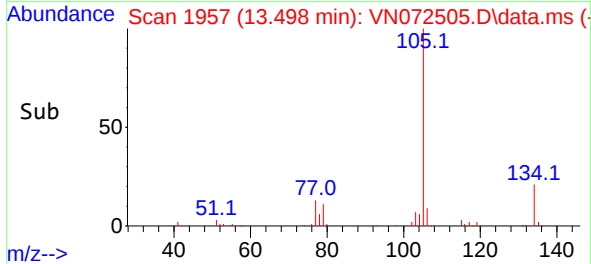
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01



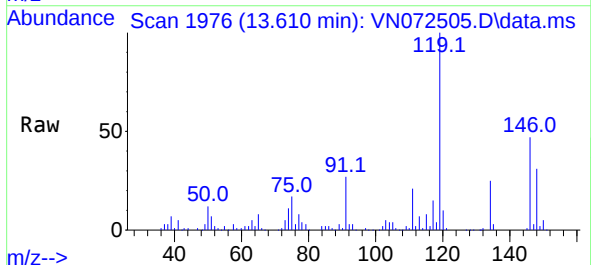
Tgt Ion:105 Resp: 177600
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 39.4

Manual Integrations
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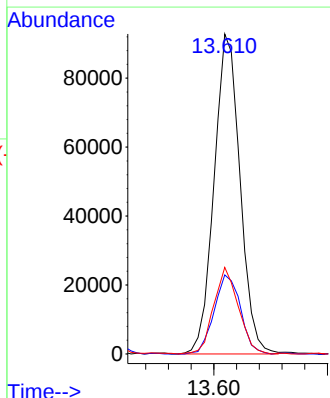
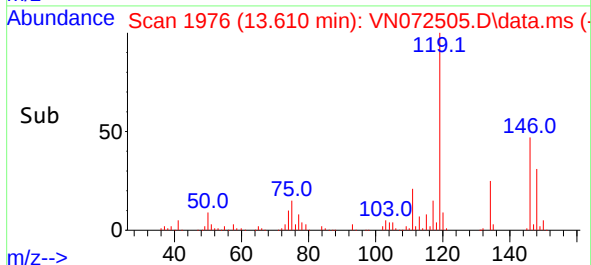
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

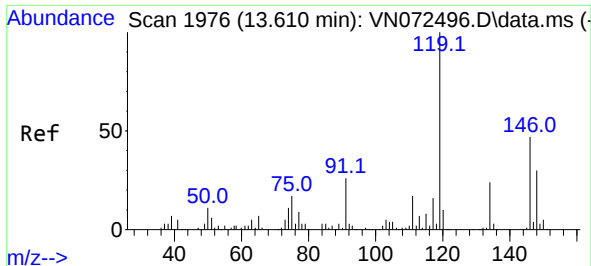


#82
 p-Isopropyltoluene
 Concen: 18.495 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072505.D
 Acq: 16 May 2022 16:56



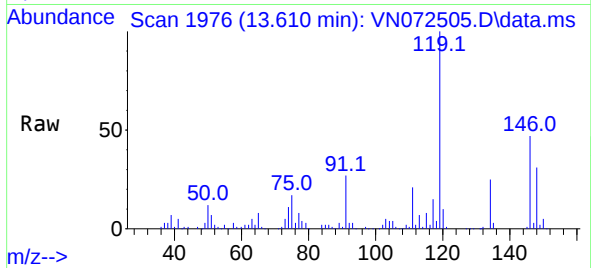
Tgt Ion:119 Resp: 147095
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 51.8
 91 25.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.280 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

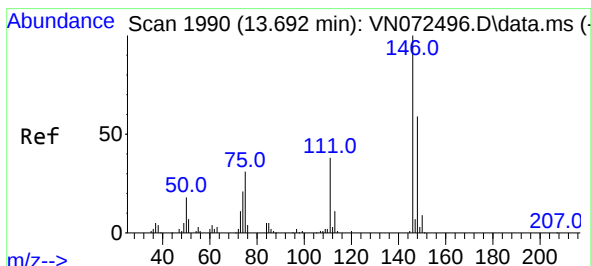
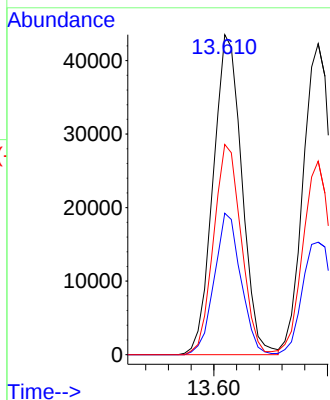
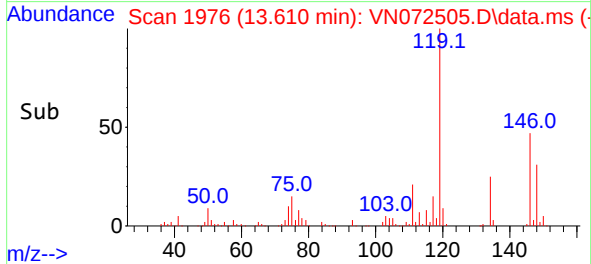
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



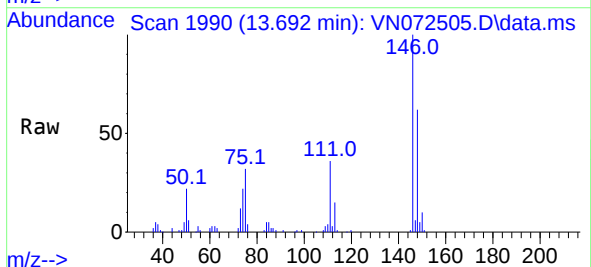
Tgt Ion:146 Resp: 76400
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.2
148 63.3 31.4 94.3

Manual Integrations
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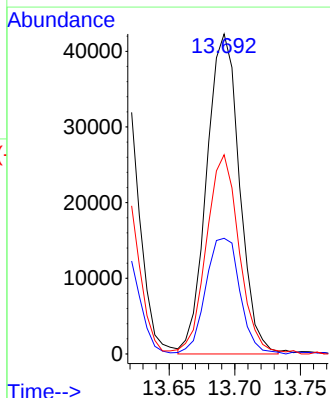
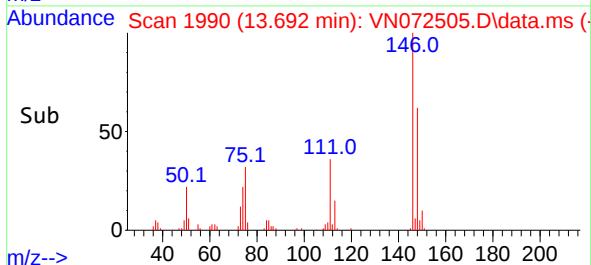
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

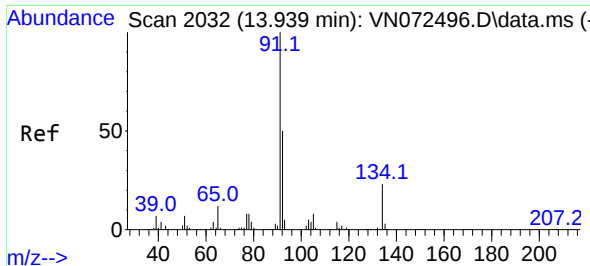


#84
1,4-Dichlorobenzene
Concen: 19.100 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



Tgt Ion:146 Resp: 73650
Ion Ratio Lower Upper
146 100
111 37.8 19.5 58.5
148 62.2 31.1 93.5





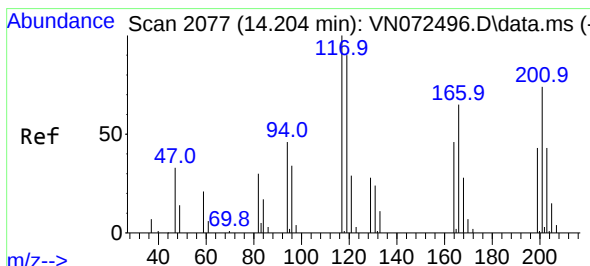
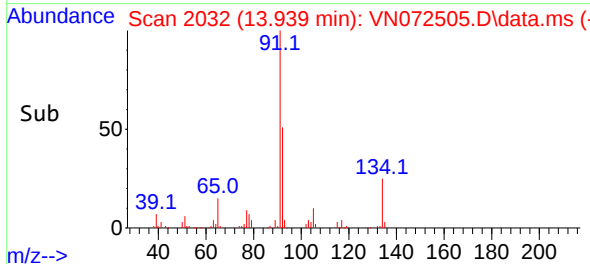
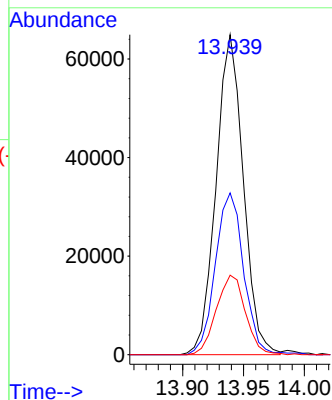
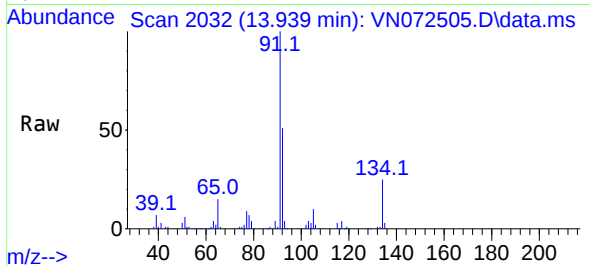
#85
n-Butylbenzene
Concen: 17.176 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01

Tgt Ion: 91 Resp: 10123
Ion Ratio Lower Upper
91 100
92 52.6 0.0 100.6
134 26.5 0.0 50.2

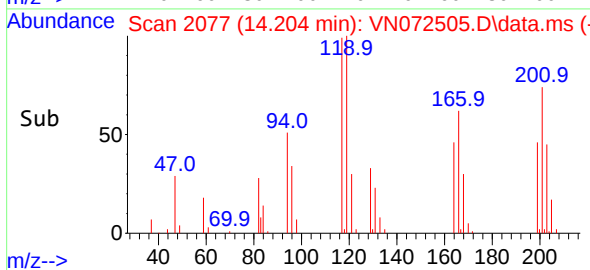
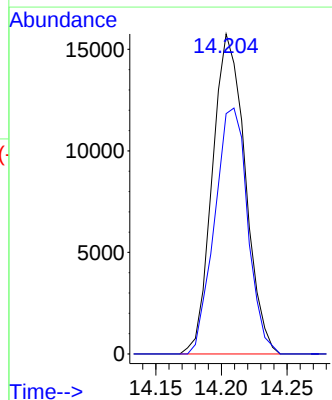
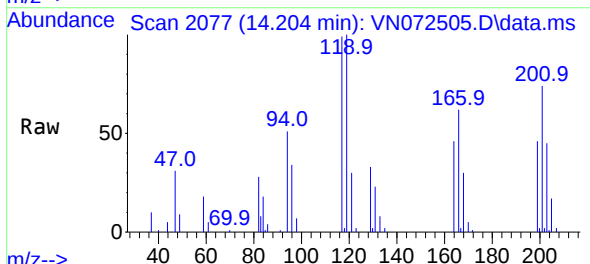
Manual Integrations
APPROVED

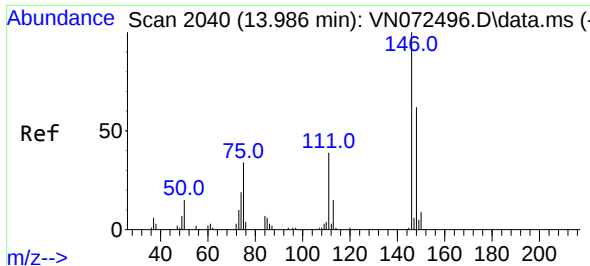
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#86
Hexachloroethane
Concen: 18.704 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

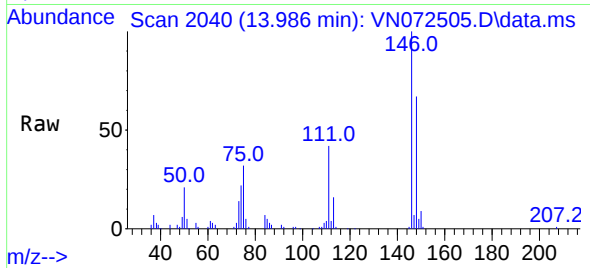
Tgt Ion:117 Resp: 27392
Ion Ratio Lower Upper
117 100
201 77.5 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.466 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

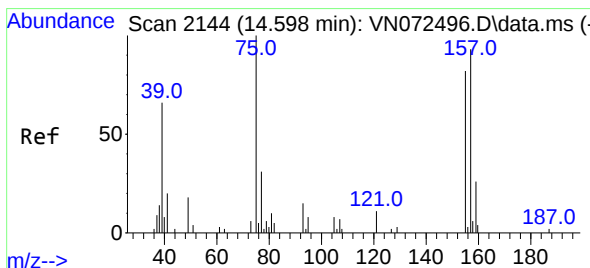
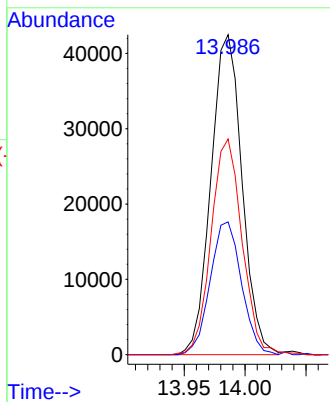
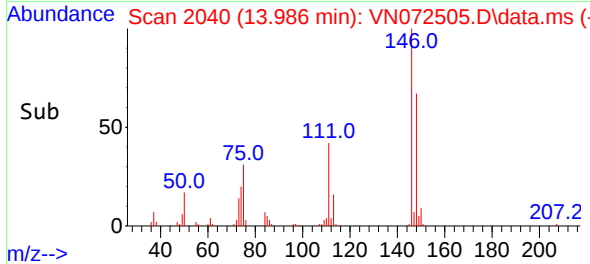
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



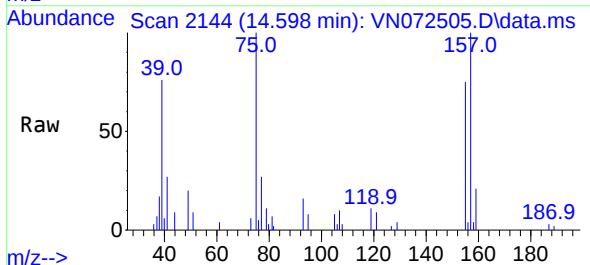
Tgt Ion:146 Resp: 7541
Ion Ratio Lower Upper
146 100
111 41.8 21.4 64.2
148 67.2 32.5 97.4

Manual Integrations
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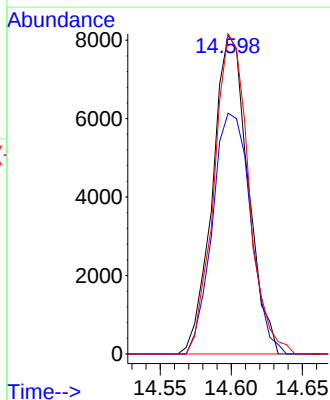
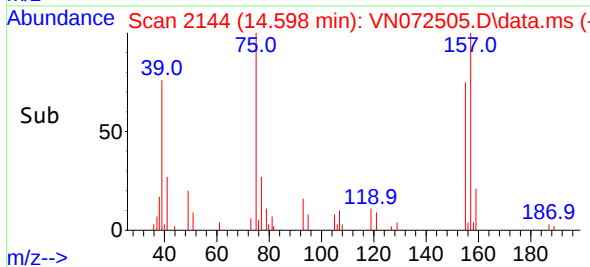
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

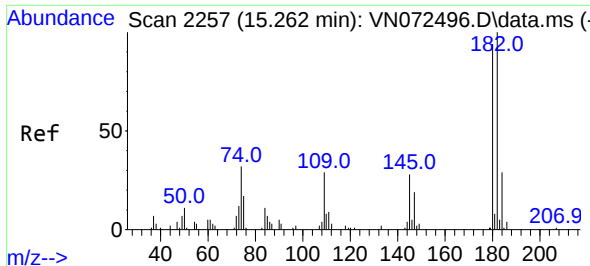


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.333 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



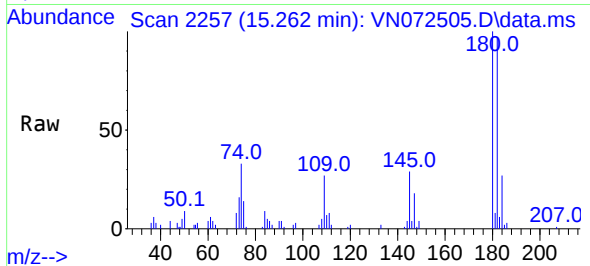
Tgt Ion: 75 Resp: 14098
Ion Ratio Lower Upper
75 100
155 81.3 63.8 95.8
157 98.1 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.979 ug/l
RT: 15.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

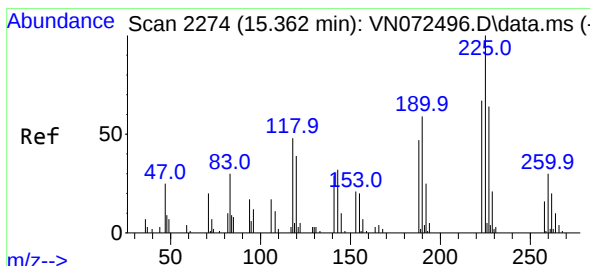
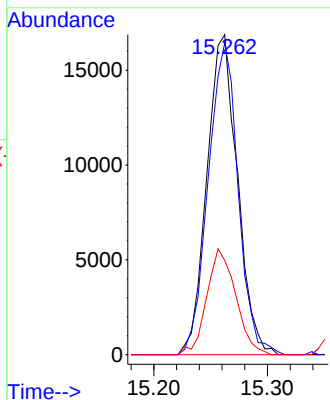
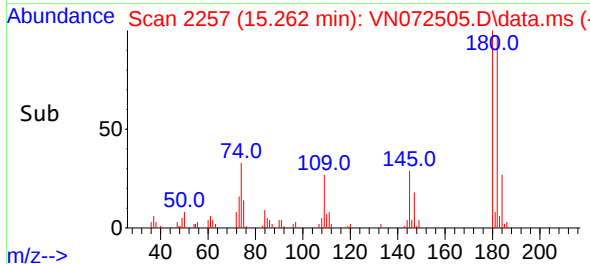
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



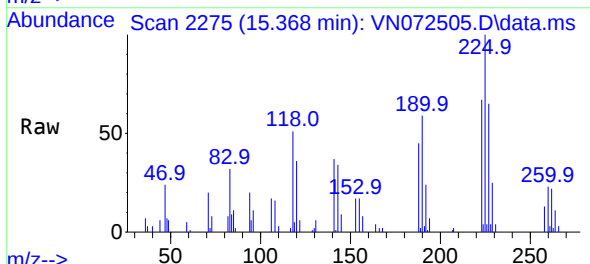
Tgt Ion:180 Resp: 31530
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 31.5 26.6 39.8

Manual Integrations
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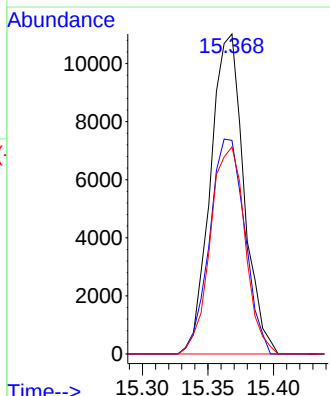
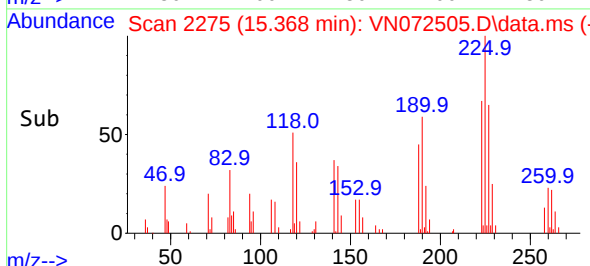
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

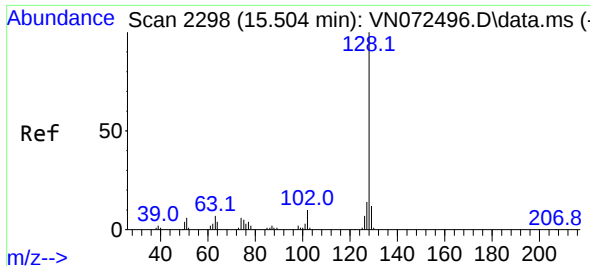


#90
Hexachlorobutadiene
Concen: 18.001 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



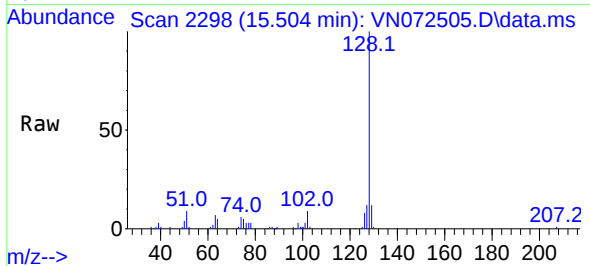
Tgt Ion:225 Resp: 19510
Ion Ratio Lower Upper
225 100
223 70.8 0.0 126.8
227 67.1 0.0 123.0





#91
Naphthalene
Concen: 20.477 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56

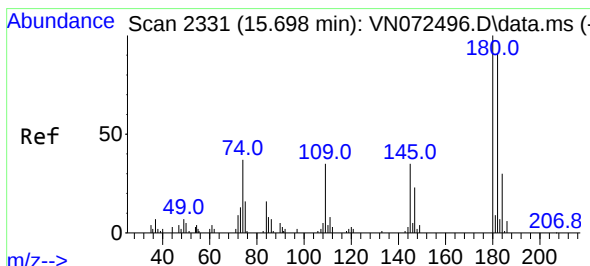
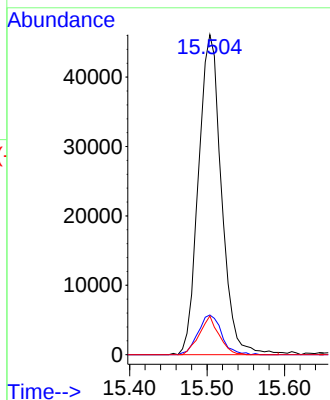
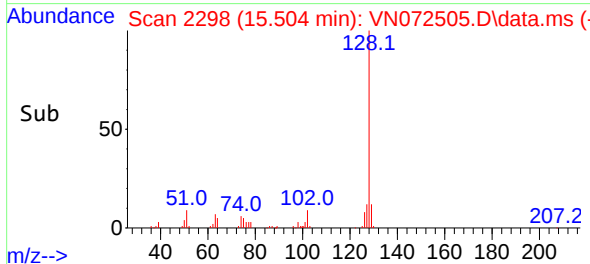
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBS01



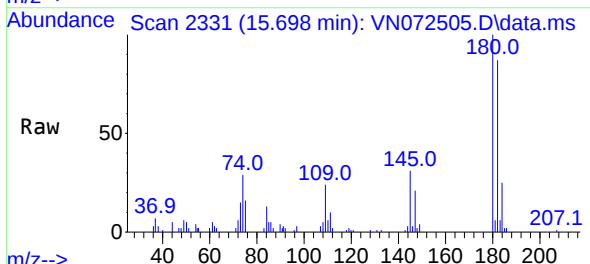
Tgt Ion:128 Resp: 94852
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.3 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.918 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN072505.D
Acq: 16 May 2022 16:56



Tgt Ion:180 Resp: 33771
Ion Ratio Lower Upper
180 100
182 94.1 0.0 190.0
145 32.0 0.0 67.8

