

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072376.D
 Acq On : 09 May 2022 13:57
 Operator : JC\MD
 Sample : VN0509WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2022
 Supervised By : Mahesh Dadoda 05/10/2022

Quant Time: May 10 06:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	263566	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	440046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	401855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	163983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	194026	47.951	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.900%		
35) Dibromofluoromethane	8.016	113	146063	51.859	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.720%		
50) Toluene-d8	10.433	98	548350	49.547	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.100%		
62) 4-Bromofluorobenzene	12.727	95	190010	51.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	47338	15.909	ug/l	98
3) Chloromethane	2.299	50	54647	15.934	ug/l	96
4) Vinyl Chloride	2.446	62	45597	15.368	ug/l	96
5) Bromomethane	2.834	94	29093	19.099	ug/l	99
6) Chloroethane	3.010	64	28638	15.948	ug/l	98
7) Trichlorofluoromethane	3.375	101	87008	16.785	ug/l	99
8) Diethyl Ether	3.828	74	37116	19.774	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.216	101	50495	18.545	ug/l	97
10) Methyl Iodide	4.422	142	60541	18.318	ug/l	92
11) Tert butyl alcohol	5.357	59	70081	105.392	ug/l	98
12) 1,1-Dichloroethene	4.187	96	45038	17.891	ug/l	95
13) Acrolein	4.040	56	50127	74.908	ug/l	99
14) Allyl chloride	4.840	41	94471	18.075	ug/l	92
15) Acrylonitrile	5.545	53	192653	96.010	ug/l	99
16) Acetone	4.287	43	164840	94.489	ug/l	95
17) Carbon Disulfide	4.534	76	87210	14.981	ug/l	96
18) Methyl Acetate	4.851	43	101904	20.872	ug/l	# 89
19) Methyl tert-butyl Ether	5.610	73	205878	20.865	ug/l	98
20) Methylene Chloride	5.098	84	59853	17.899	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	48376	17.428	ug/l	92
22) Diisopropyl ether	6.492	45	216218	20.084	ug/l	95
23) Vinyl Acetate	6.428	43	909544	100.595	ug/l	95
24) 1,1-Dichloroethane	6.381	63	108746	18.058	ug/l	100
25) 2-Butanone	7.328	43	265371	95.516	ug/l	91
26) 2,2-Dichloropropane	7.322	77	90718	19.285	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	63651	18.810	ug/l	91
28) Bromochloromethane	7.651	49	56996	21.137	ug/l	82
29) Tetrahydrofuran	7.681	42	176435	96.767	ug/l	88
30) Chloroform	7.810	83	113742	18.812	ug/l	95
31) Cyclohexane	8.092	56	89538	16.561	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	97472	18.944	ug/l	99
36) 1,1-Dichloropropene	8.222	75	75414	18.395	ug/l	97
37) Ethyl Acetate	7.410	43	109038	20.027	ug/l	97
38) Carbon Tetrachloride	8.204	117	82129	18.705	ug/l	98
39) Methylcyclohexane	9.457	83	82608	18.016	ug/l	96
40) Benzene	8.457	78	236334	18.585	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	51173	18.579	ug/l	93
42) 1,2-Dichloroethane	8.527	62	94266	19.363	ug/l	99
43) Isopropyl Acetate	8.557	43	164835	19.775	ug/l	96
44) Trichloroethene	9.216	130	58269	19.698	ug/l	97
45) 1,2-Dichloropropane	9.480	63	67304	19.587	ug/l	96
46) Dibromomethane	9.569	93	43843	20.368	ug/l	92
47) Bromodichloromethane	9.757	83	90841	20.113	ug/l	93
48) Methyl methacrylate	9.557	41	79048	21.980	ug/l	93
49) 1,4-Dioxane	9.557	88	27419	434.023	ug/l #	95
51) 4-Methyl-2-Pentanone	10.327	43	539840	105.089	ug/l	93
52) Toluene	10.498	92	150855	19.844	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	95220	20.973	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	102334	20.841	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	66379	20.825	ug/l	92
56) Ethyl methacrylate	10.757	69	102492	19.857	ug/l #	87
57) 1,3-Dichloropropane	11.039	76	113242	20.246	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	118672	91.145	ug/l	94
59) 2-Hexanone	11.080	43	375468	103.741	ug/l	93
60) Dibromochloromethane	11.233	129	68777	21.101	ug/l	100
61) 1,2-Dibromoethane	11.339	107	64701	20.640	ug/l	99
64) Tetrachloroethene	10.974	164	49756	20.569	ug/l	93
65) Chlorobenzene	11.763	112	161817	19.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	63509	20.758	ug/l	99
67) Ethyl Benzene	11.839	91	287128	20.277	ug/l	98
68) m/p-Xylenes	11.951	106	214681	40.828	ug/l	96
69) o-Xylene	12.274	106	109671	21.515	ug/l	98
70) Styrene	12.286	104	172635	21.500	ug/l	98
71) Bromoform	12.451	173	47561	20.902	ug/l #	99
73) Isopropylbenzene	12.574	105	281371	19.428	ug/l	98
74) N-amyl acetate	12.380	43	103060	18.994	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	100069	19.846	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	74992m	19.987	ug/l	
77) Bromobenzene	12.857	156	65606	19.155	ug/l	91
78) n-propylbenzene	12.915	91	302228	18.942	ug/l	98
79) 2-Chlorotoluene	13.004	91	194934	18.601	ug/l	98
80) 1,3,5-Trimethylbenzene	13.051	105	232348	19.263	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	26525	18.703	ug/l	95
82) 4-Chlorotoluene	13.098	91	182679	18.726	ug/l	98
83) tert-Butylbenzene	13.315	119	205076	19.365	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	229681	19.681	ug/l	97
85) sec-Butylbenzene	13.498	105	277608	20.107	ug/l	97
86) p-Isopropyltoluene	13.610	119	221408	20.569	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	111473	20.110	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	110435	20.486	ug/l	96
89) n-Butylbenzene	13.939	91	167130	20.271	ug/l	98
90) Hexachloroethane	14.204	117	40050	17.140	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	111798	20.462	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	17545	17.516	ug/l	88
93) 1,2,4-Trichlorobenzene	15.256	180	44270	19.099	ug/l	96
94) Hexachlorobutadiene	15.362	225	28536	19.491	ug/l	97
95) Naphthalene	15.504	128	125354	17.789	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	46161	20.031	ug/l	96

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Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

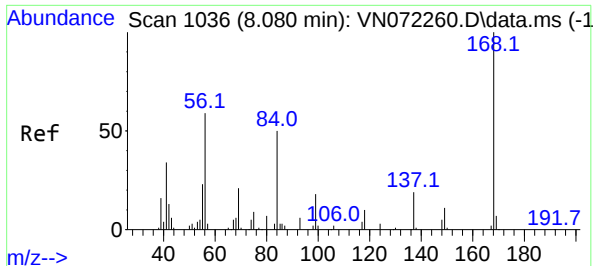
Manual Integrations
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Response via : Initial Calibration

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



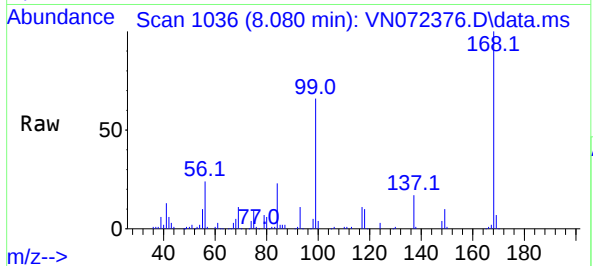
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01



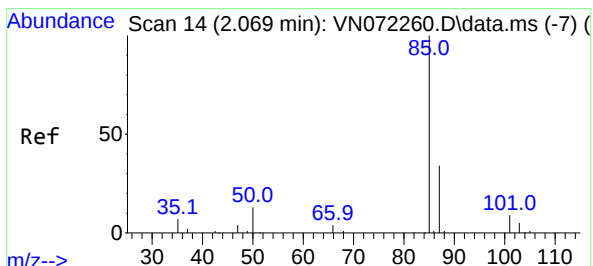
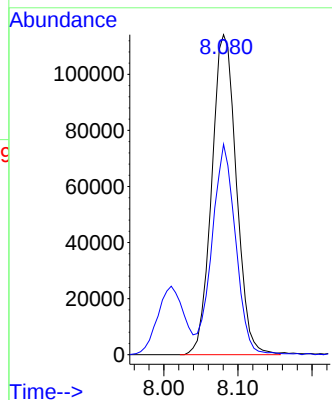
Tgt Ion:168 Resp: 263560
Ion Ratio Lower Upper
168 100
99 65.4 42.3 63.5

Manual Integrations

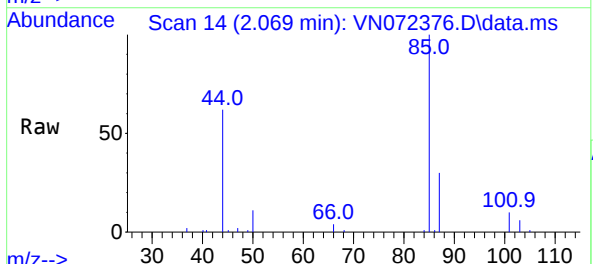
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Reviewed By :John Carlone 05/10/2022

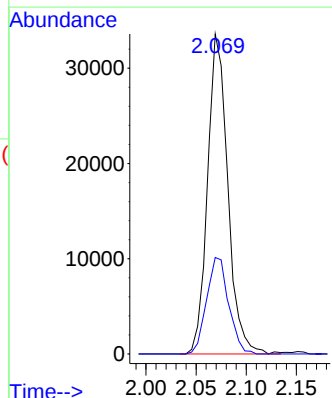
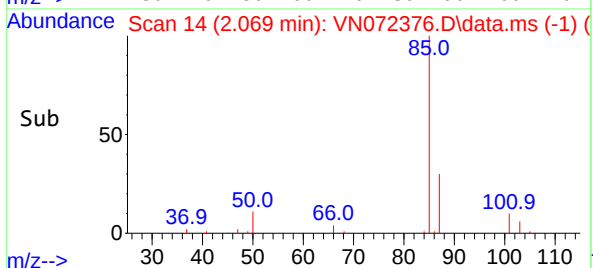
Supervised By :Mahesh Dadoda 05/10/2022

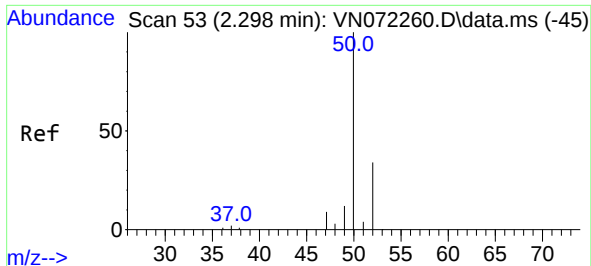


#2
Dichlorodifluoromethane
Concen: 15.909 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



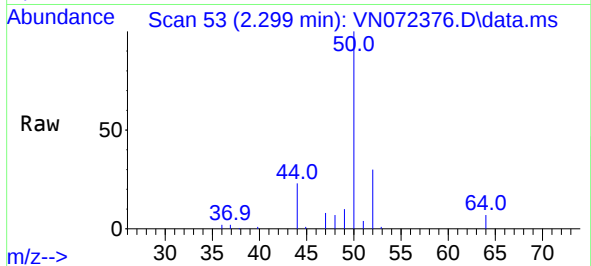
Tgt Ion: 85 Resp: 47338
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.1





#3
Chloromethane
Concen: 15.934 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072376.D
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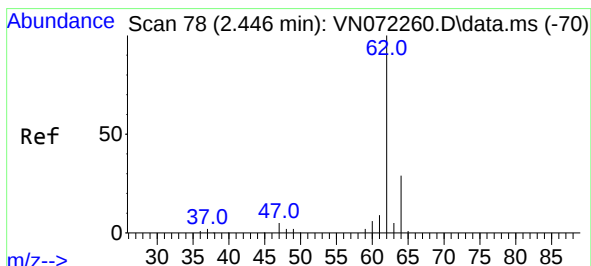
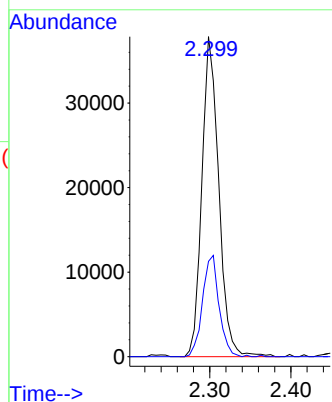
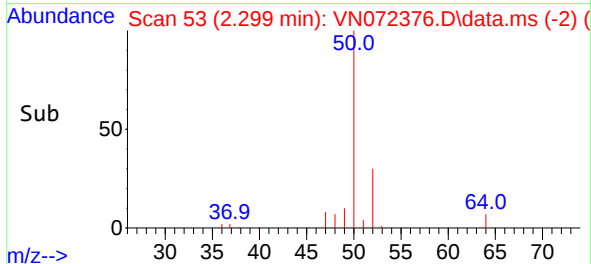
Instrument :
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Tgt Ion: 50 Resp: 5464
Ion Ratio Lower Upper
50 100
52 29.8 25.7 38.5

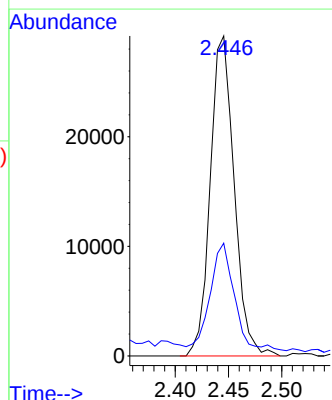
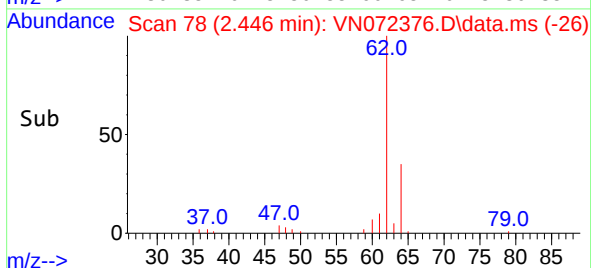
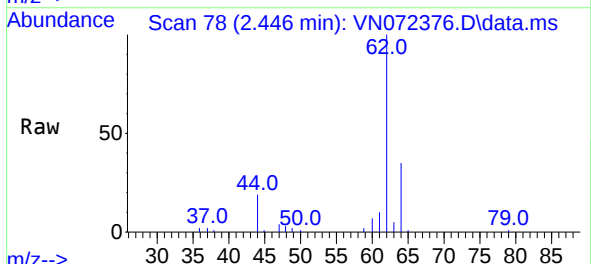
Manual Integrations
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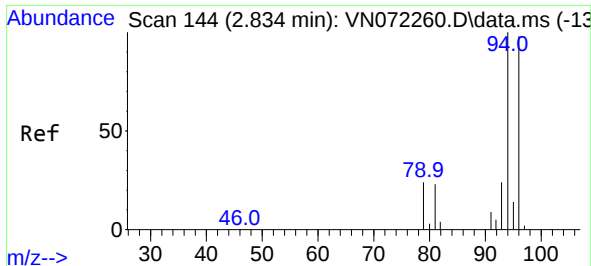
Reviewed By :John Carlone 05/10/2022
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#4
Vinyl Chloride
Concen: 15.368 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

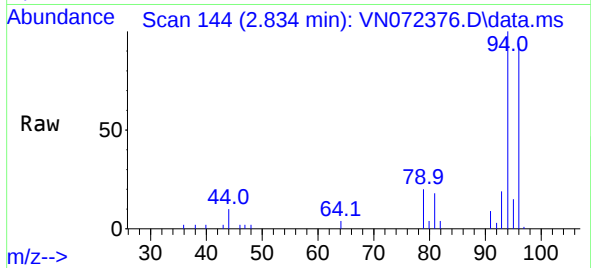
Tgt Ion: 62 Resp: 45597
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.4





#5
Bromomethane
Concen: 19.099 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

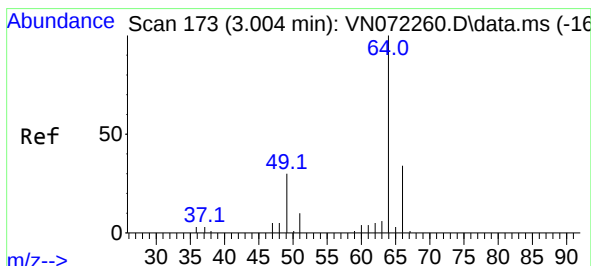
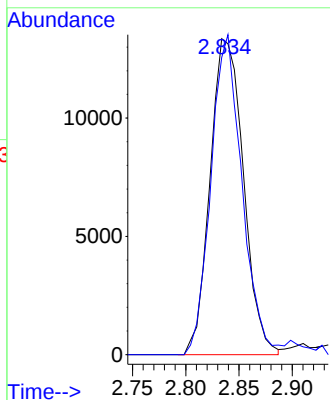
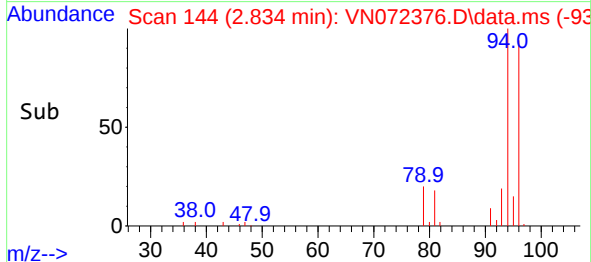
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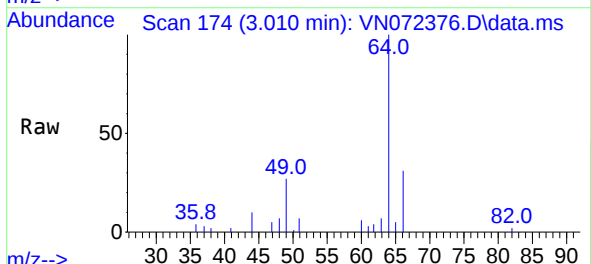
Tgt Ion: 94 Resp: 2909
Ion Ratio Lower Upper
94 100
96 94.1 76.0 114.0

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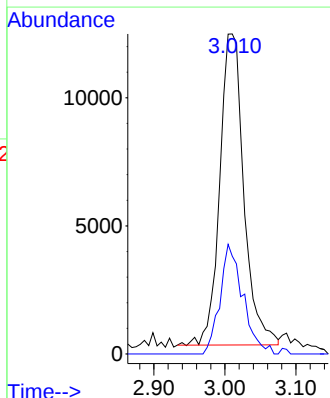
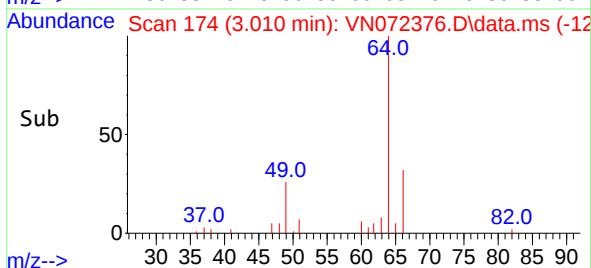
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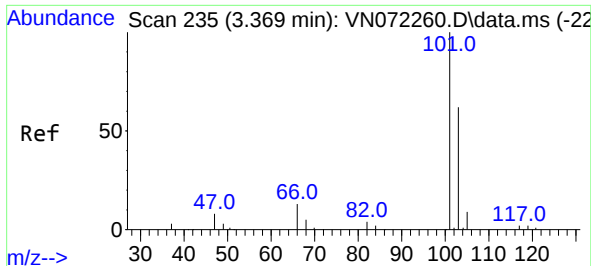


#6
Chloroethane
Concen: 15.948 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.005 min
Lab File: VN072376.D
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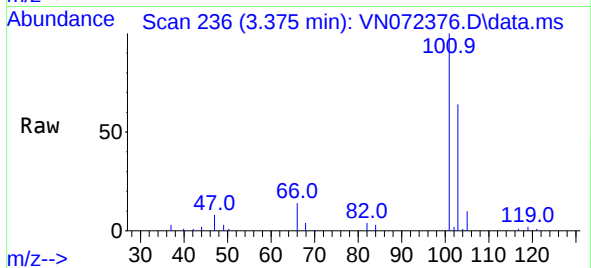
Tgt Ion: 64 Resp: 28638
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 16.785 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
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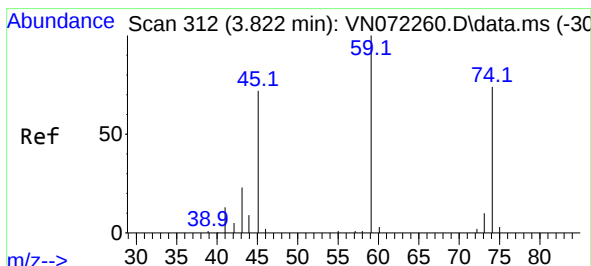
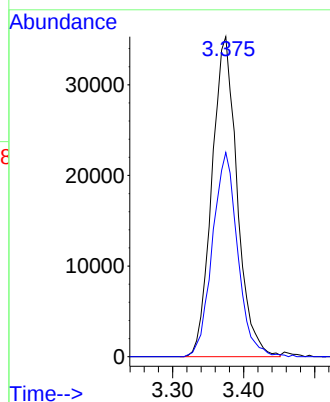
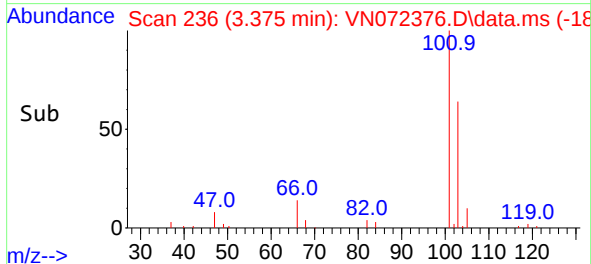
Instrument :
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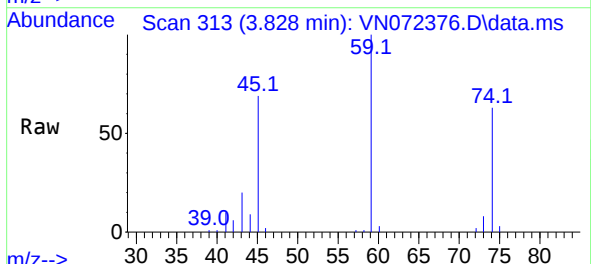
Tgt Ion:101 Resp: 87008
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

Manual Integrations
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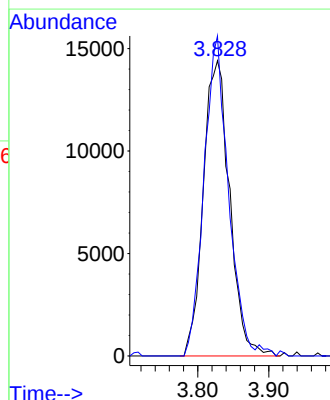
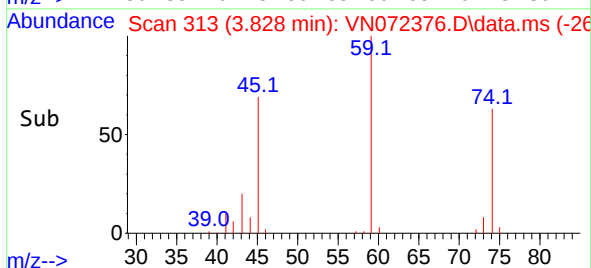
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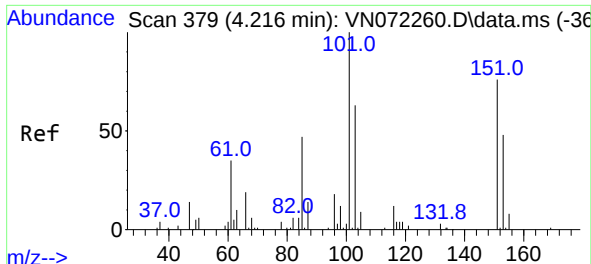


#8
Diethyl Ether
Concen: 19.774 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion: 74 Resp: 37116
Ion Ratio Lower Upper
74 100
45 99.9 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.545 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072376.D
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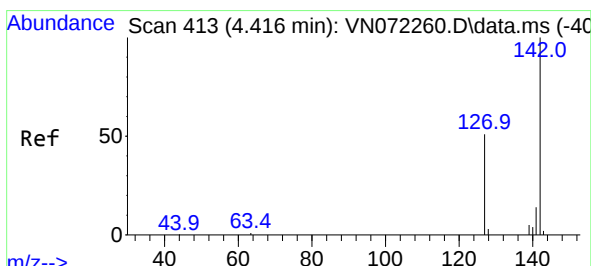
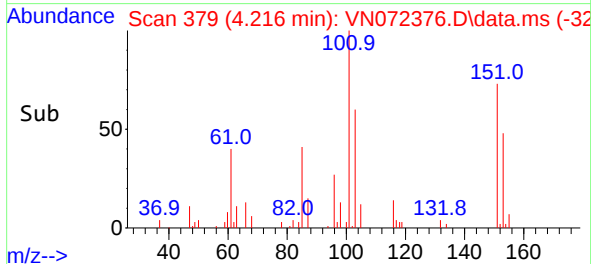
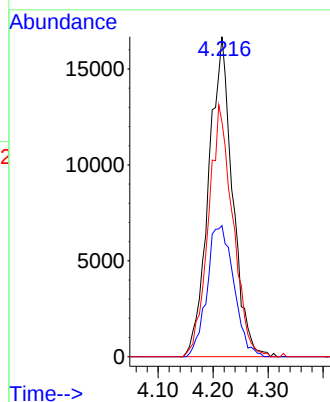
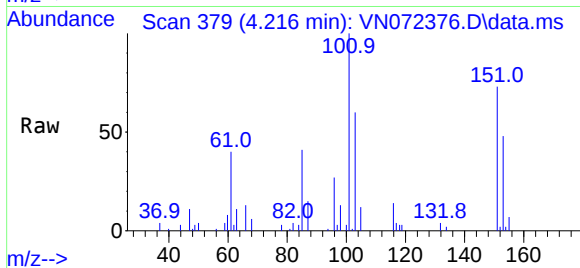
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion:101 Resp: 5049

Ion	Ratio	Lower	Upper
101	100		
85	45.9	34.7	52.1
151	80.3	63.0	94.4

Manual Integrations
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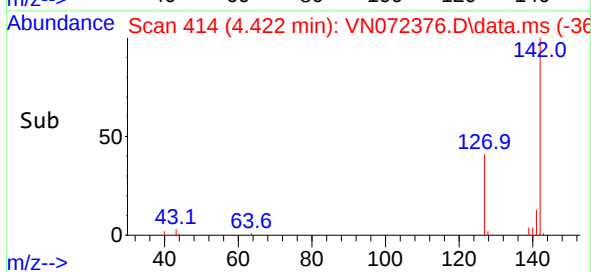
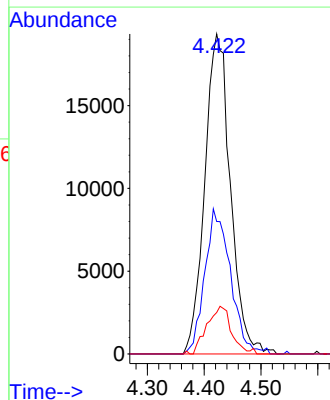
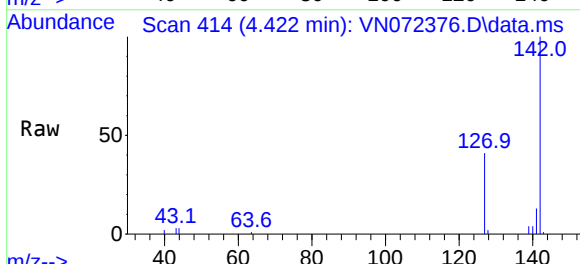
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

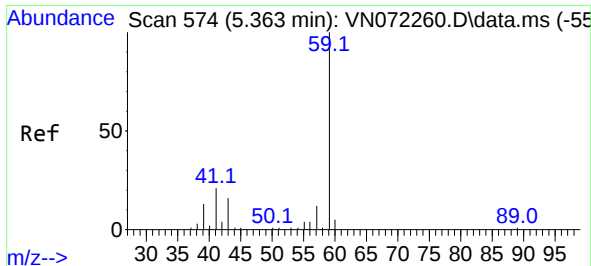


#10
Methyl Iodide
Concen: 18.318 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Tgt Ion:142 Resp: 60541

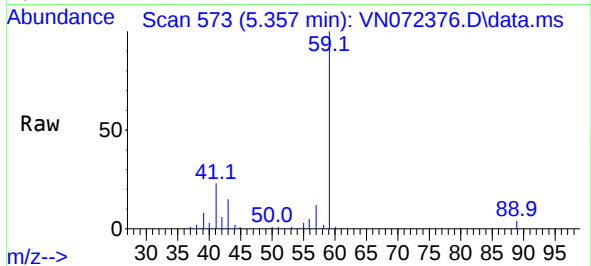
Ion	Ratio	Lower	Upper
142	100		
127	45.5	31.3	46.9
141	14.3	11.2	16.8





#11
Tert butyl alcohol
Concen: 105.392 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

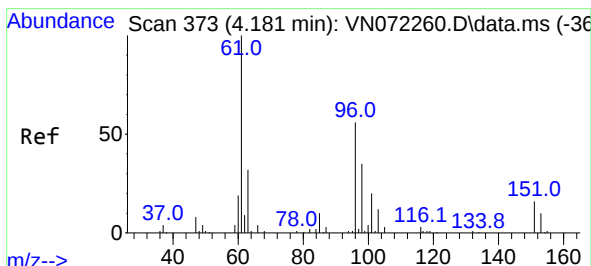
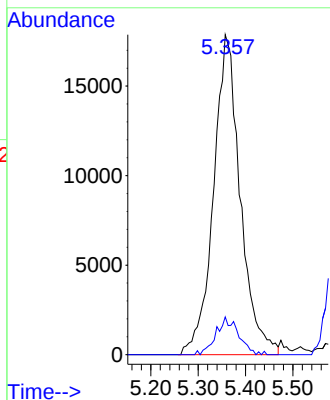
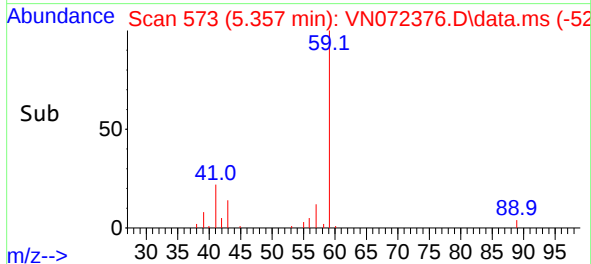
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



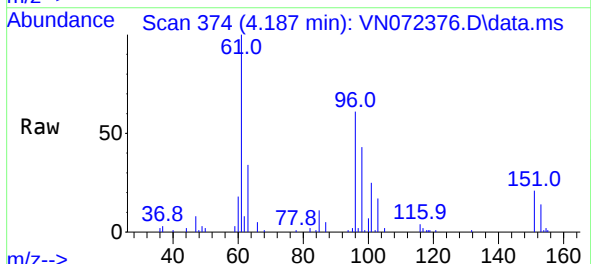
Tgt Ion: 59 Resp: 7008
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

Manual Integrations
APPROVED

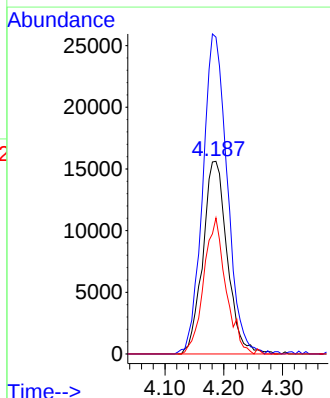
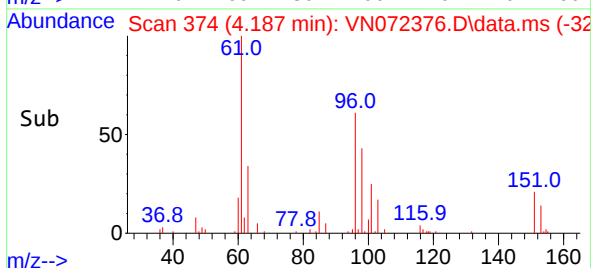
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

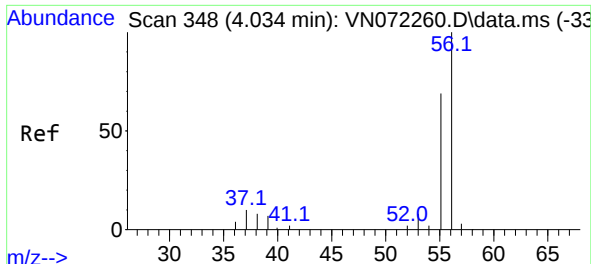


#12
1,1-Dichloroethene
Concen: 17.891 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion: 96 Resp: 45038
Ion Ratio Lower Upper
96 100
61 163.5 127.6 191.4
98 70.6 51.2 76.8





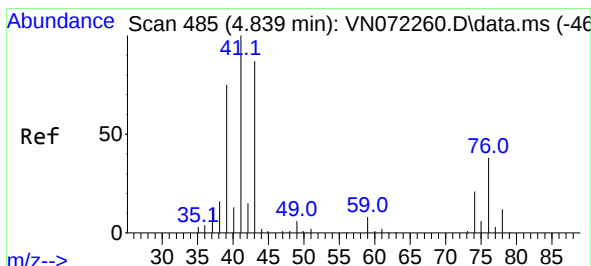
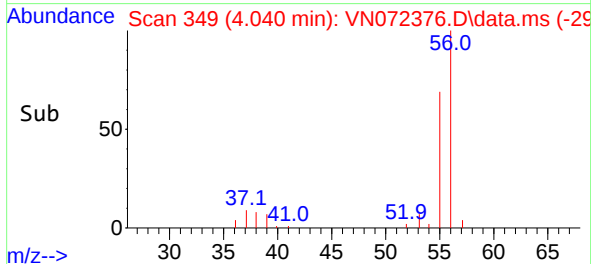
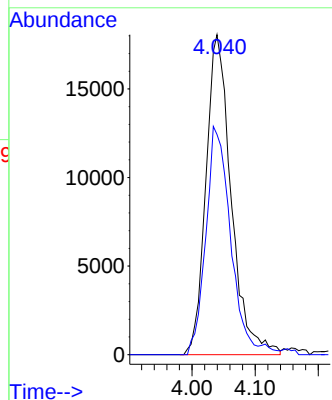
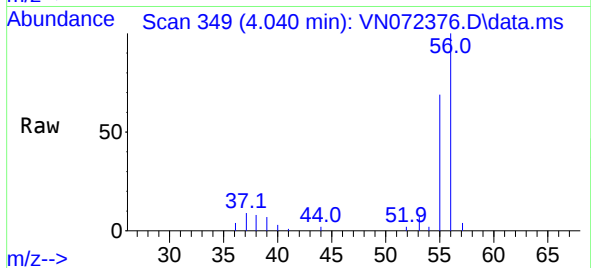
#13
Acrolein
Concen: 74.908 ug/l
RT: 4.040 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 56 Resp: 5012
Ion Ratio Lower Upper
56 100
55 69.0 54.8 82.2

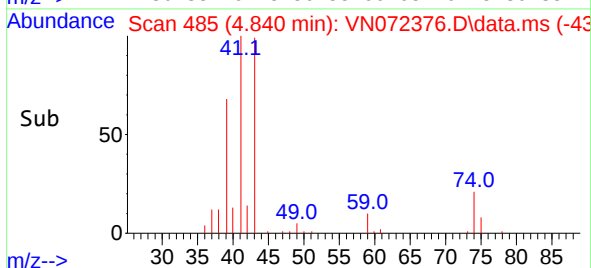
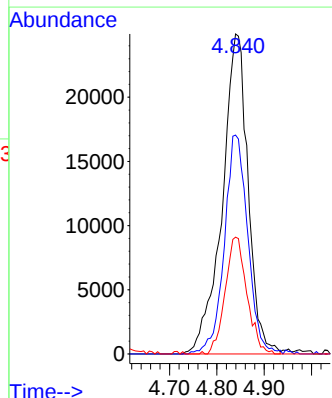
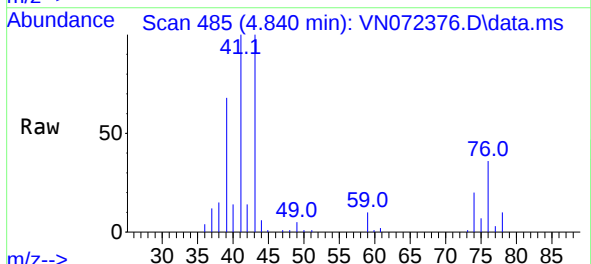
Manual Integrations
APPROVED

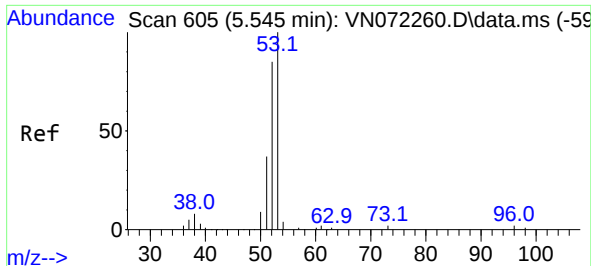
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#14
Allyl chloride
Concen: 18.075 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

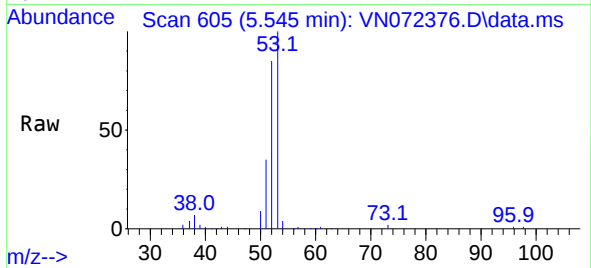
Tgt Ion: 41 Resp: 94471
Ion Ratio Lower Upper
41 100
39 62.0 53.2 79.8
76 30.7 29.9 44.9





#15
Acrylonitrile
Concen: 96.010 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

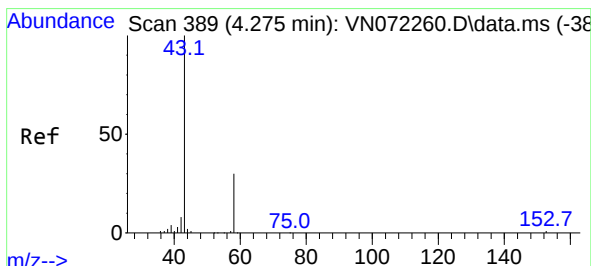
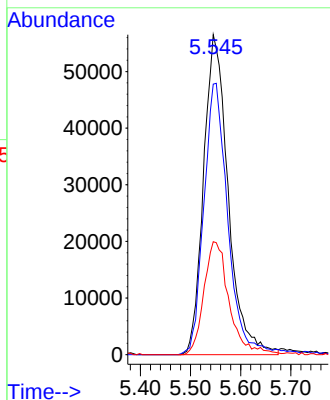
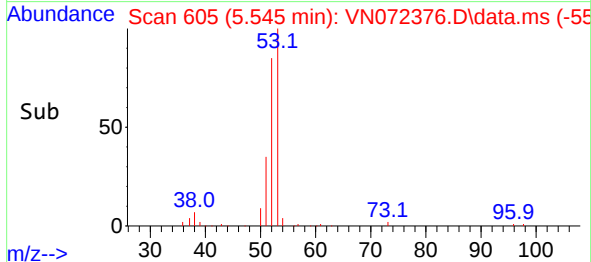
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



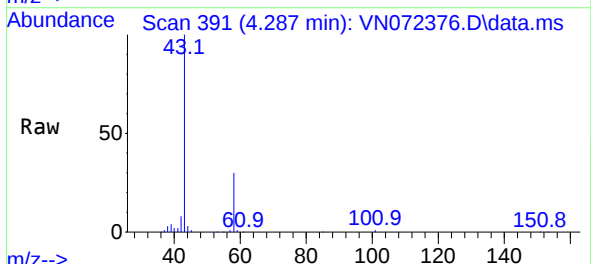
Tgt Ion: 53 Resp: 19265
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.2 28.5 42.7

Manual Integrations
APPROVED

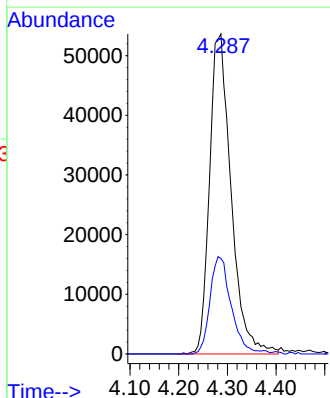
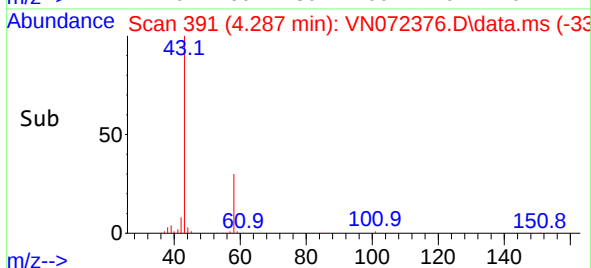
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

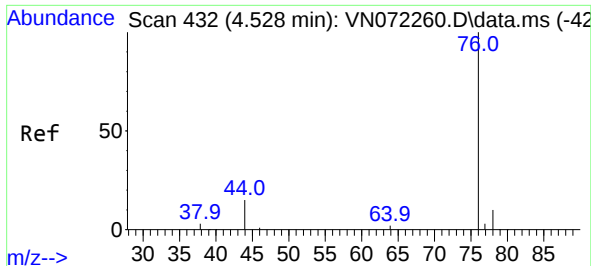


#16
Acetone
Concen: 94.489 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion: 43 Resp: 164840
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0





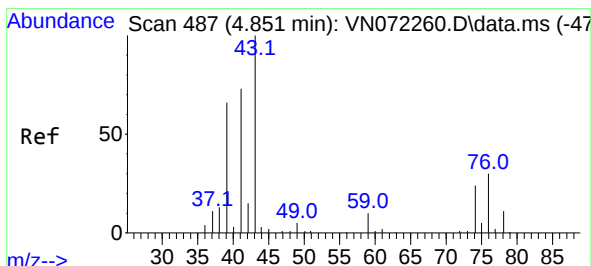
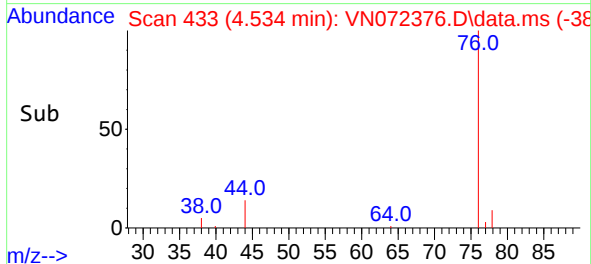
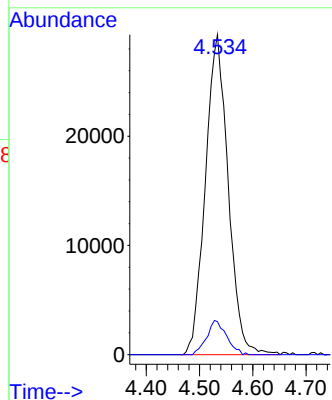
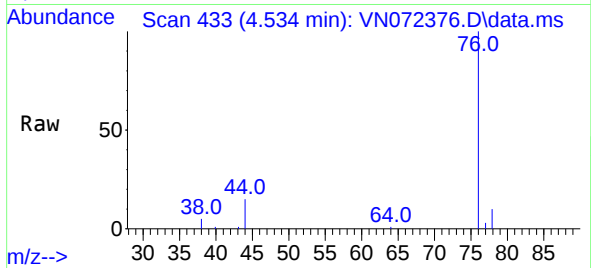
#17
Carbon Disulfide
Concen: 14.981 ug/l
RT: 4.534 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 76 Resp: 87210
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8

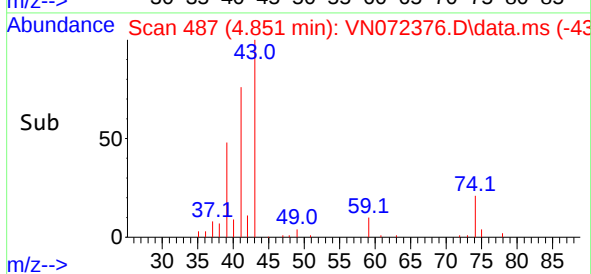
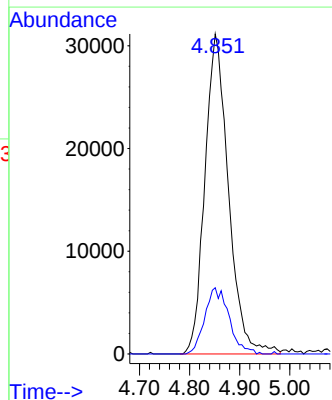
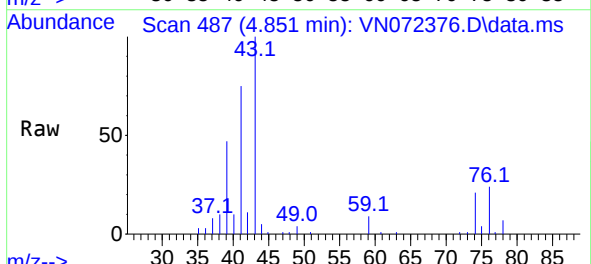
Manual Integrations
APPROVED

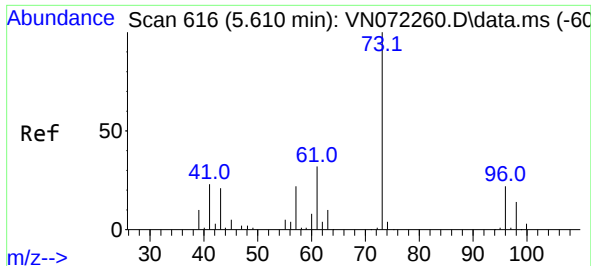
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#18
Methyl Acetate
Concen: 20.872 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

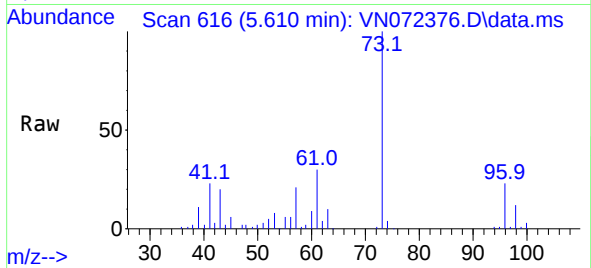
Tgt Ion: 43 Resp: 101904
Ion Ratio Lower Upper
43 100
74 21.3 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 20.865 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

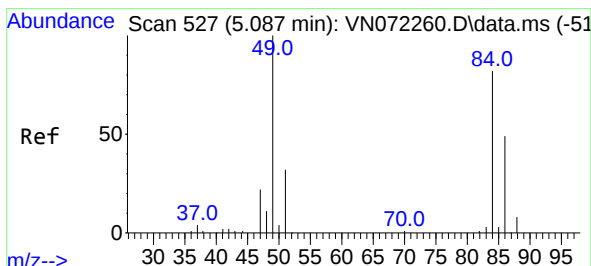
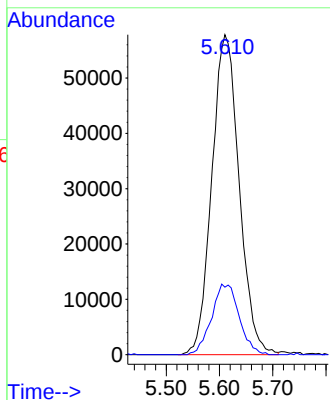
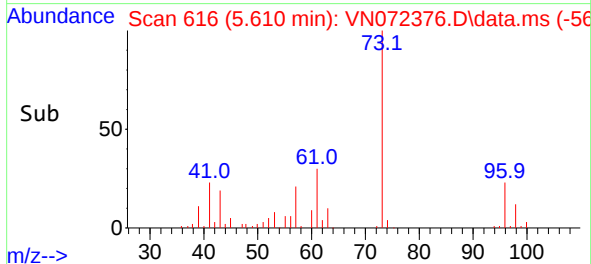
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



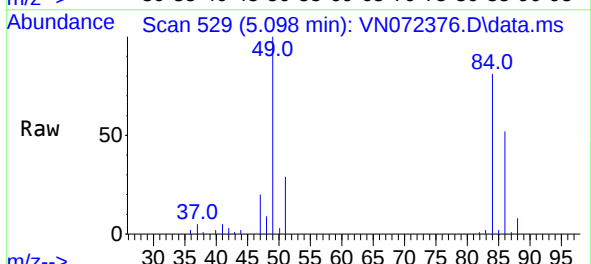
Tgt Ion: 73 Resp: 205878
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4

Manual Integrations
APPROVED

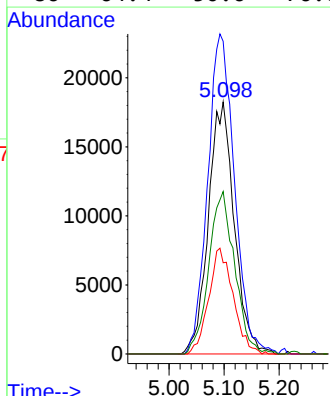
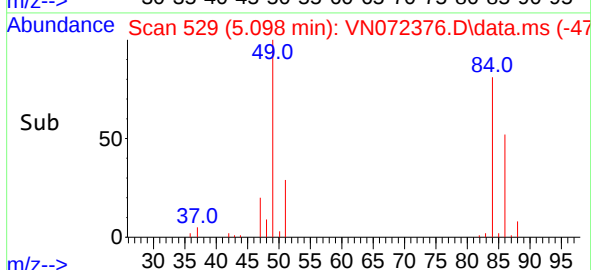
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

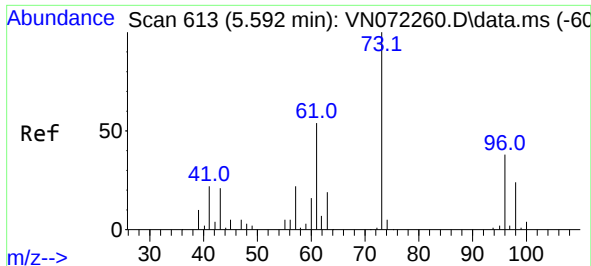


#20
Methylene Chloride
Concen: 17.899 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



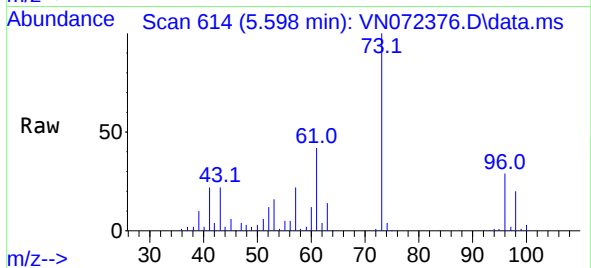
Tgt Ion: 84 Resp: 59853
Ion Ratio Lower Upper
84 100
49 124.1 88.3 132.5
51 36.2 28.2 42.2
86 64.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.428 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

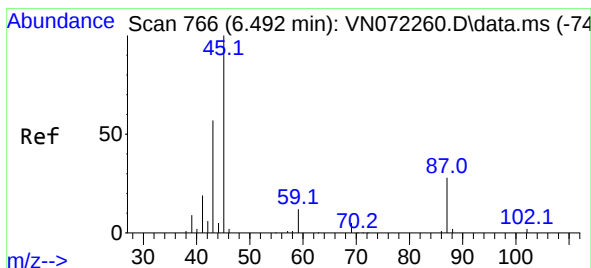
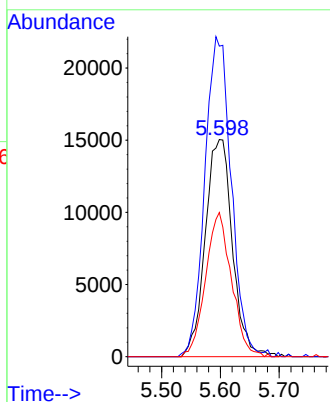
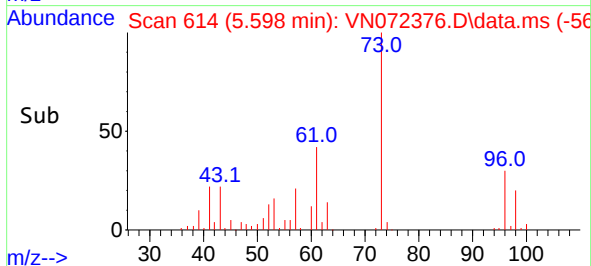
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



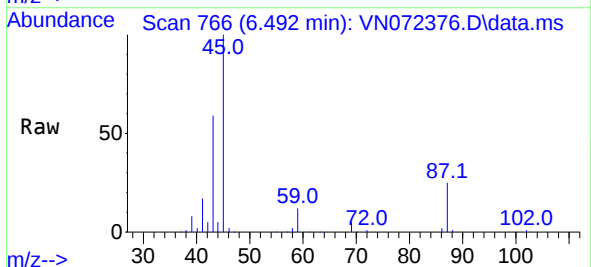
Tgt Ion: 96 Resp: 48370
Ion Ratio Lower Upper
96 100
61 143.0 105.8 158.8
98 66.4 50.3 75.5

Manual Integrations
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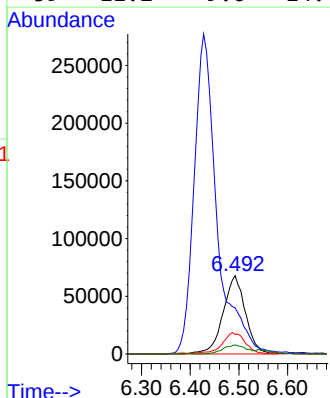
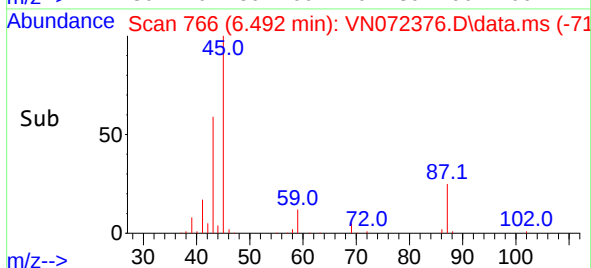
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

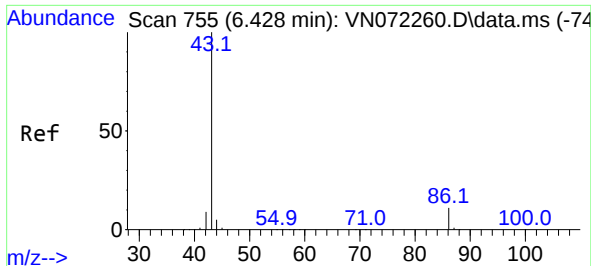


#22
Diisopropyl ether
Concen: 20.084 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



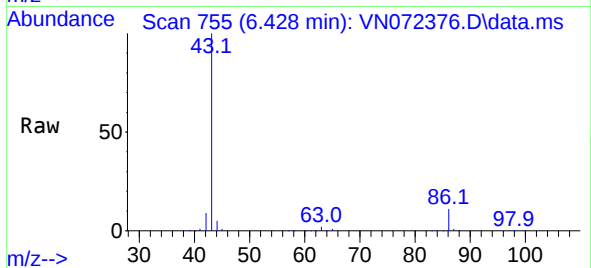
Tgt Ion: 45 Resp: 216218
Ion Ratio Lower Upper
45 100
43 56.2 46.6 70.0
87 24.6 24.3 36.5
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 100.595 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072376.D
 Acq: 09 May 2022 13:57

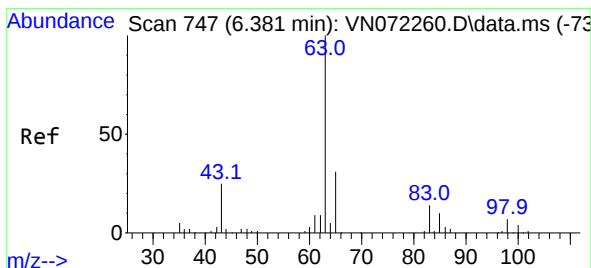
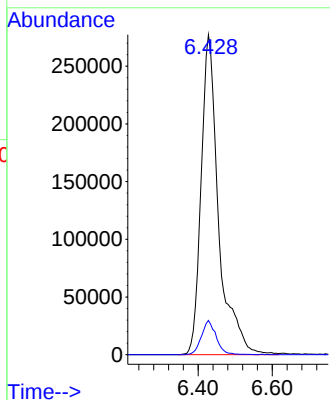
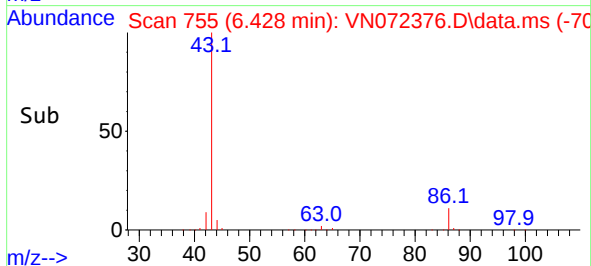
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01



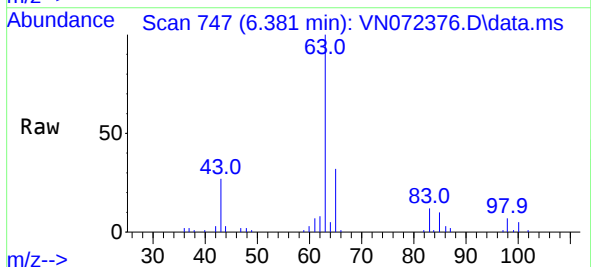
Tgt Ion: 43 Resp: 909544
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.0 15.0

Manual Integrations
 APPROVED

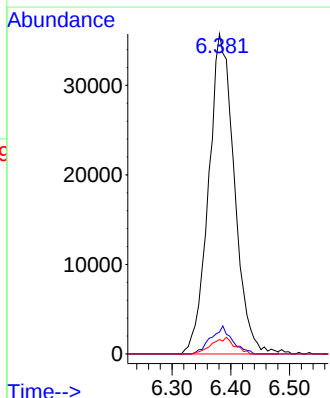
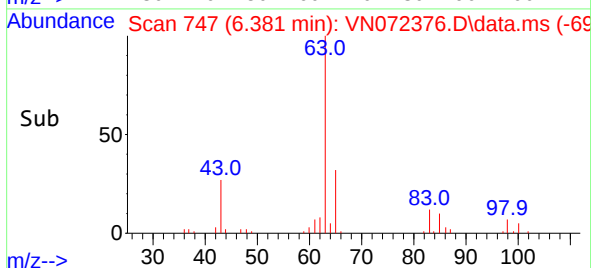
Reviewed By :John Carlone 05/10/2022
 Supervised By :Mahesh Dadoda 05/10/2022

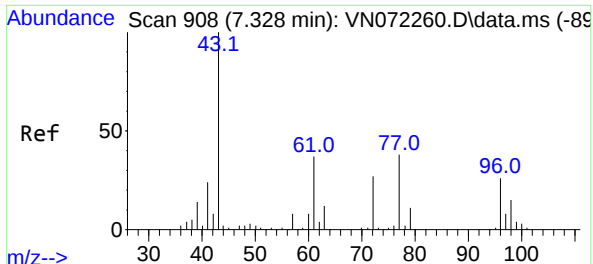


#24
 1,1-Dichloroethane
 Concen: 18.058 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072376.D
 Acq: 09 May 2022 13:57



Tgt Ion: 63 Resp: 108746
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 95.516 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072376.D

Acq: 09 May 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

Tgt Ion: 43 Resp: 26537

Ion Ratio Lower Upper

43 100

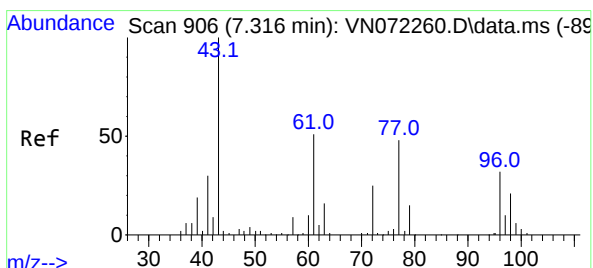
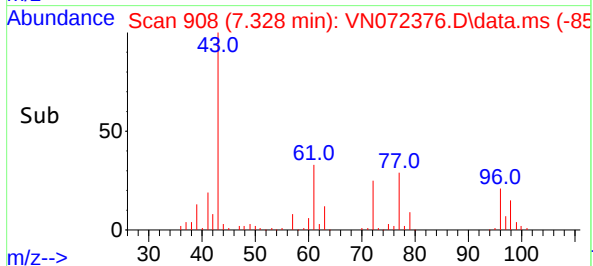
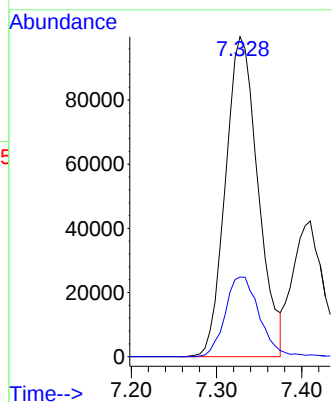
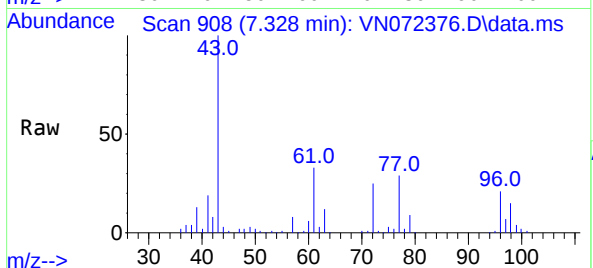
72 24.9 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#26

2,2-Dichloropropane

Concen: 19.285 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072376.D

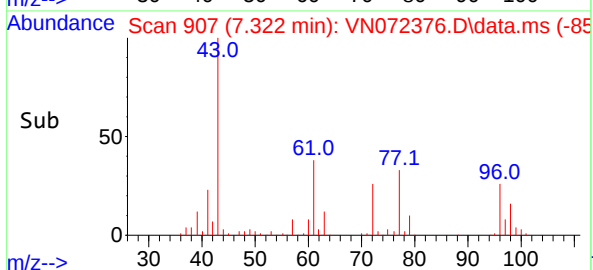
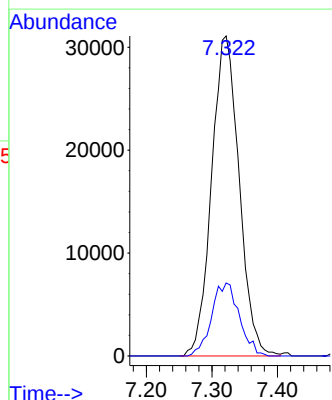
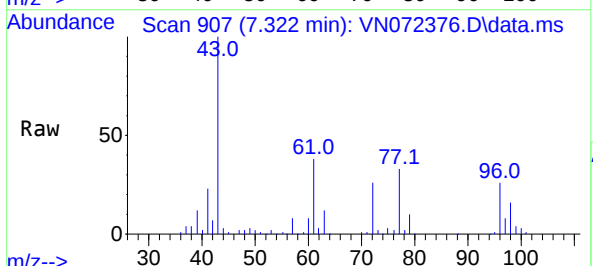
Acq: 09 May 2022 13:57

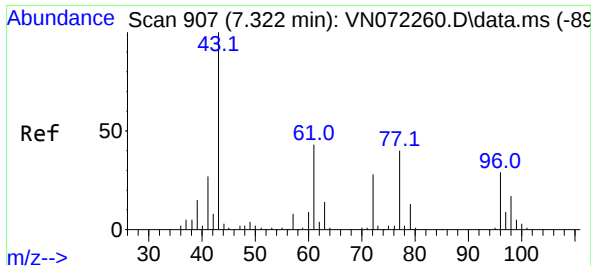
Tgt Ion: 77 Resp: 90718

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2





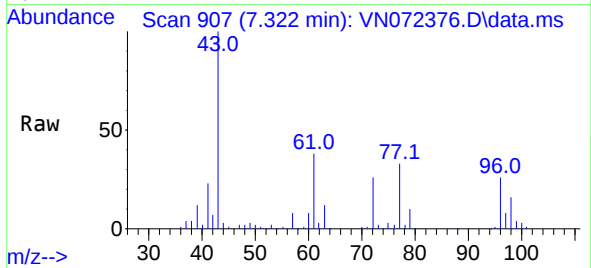
#27
 cis-1,2-Dichloroethene
 Concen: 18.810 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072376.D
 Acq: 09 May 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

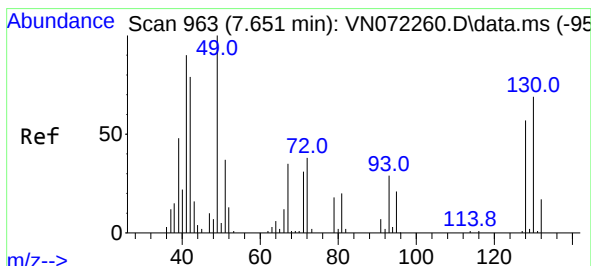
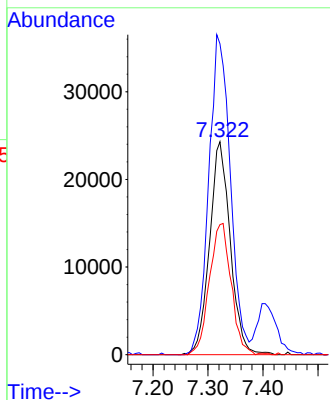
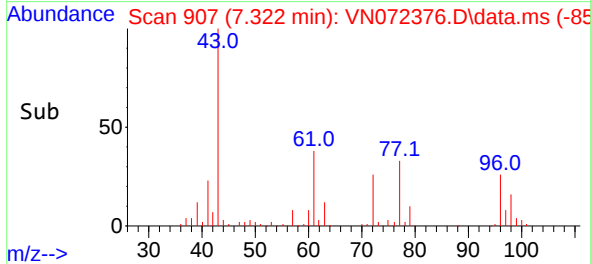


Tgt Ion: 96 Resp: 6365
 Ion Ratio Lower Upper
 96 100
 61 156.1 0.0 280.6
 98 64.5 0.0 128.4

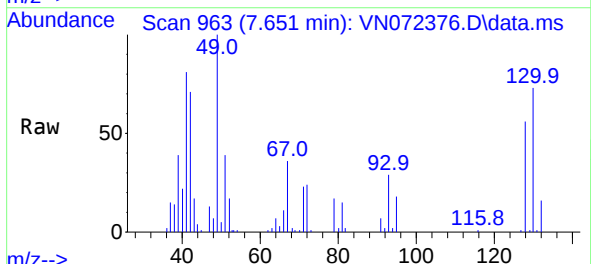
Manual Integrations

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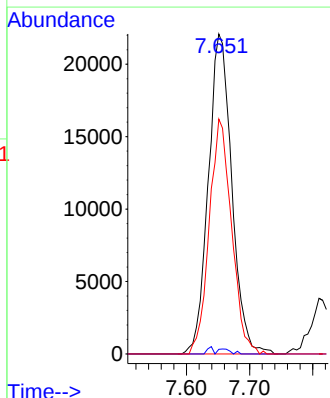
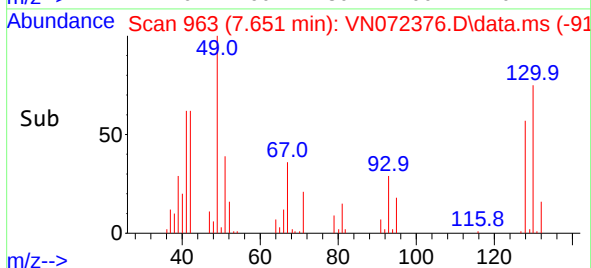
Reviewed By :John Carlone 05/10/2022
 Supervised By :Mahesh Dadoda 05/10/2022

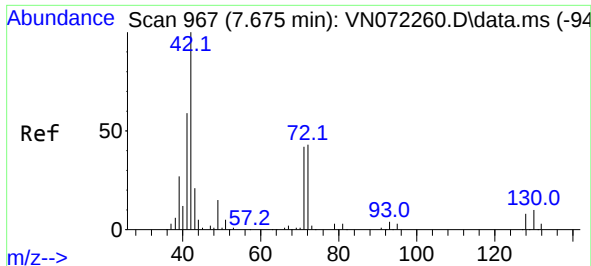


#28
 Bromochloromethane
 Concen: 21.137 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN072376.D
 Acq: 09 May 2022 13:57



Tgt Ion: 49 Resp: 56996
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 69.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 96.767 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072376.D

Acq: 09 May 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

Tgt Ion: 42 Resp: 17643

Ion Ratio Lower Upper

42 100

72 40.9 39.7 59.5

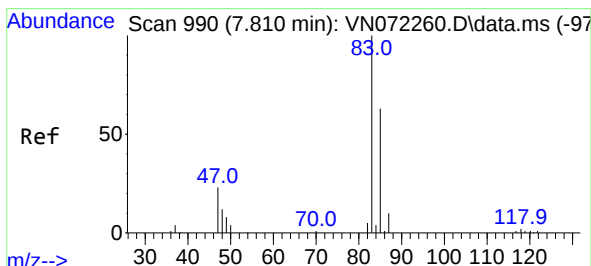
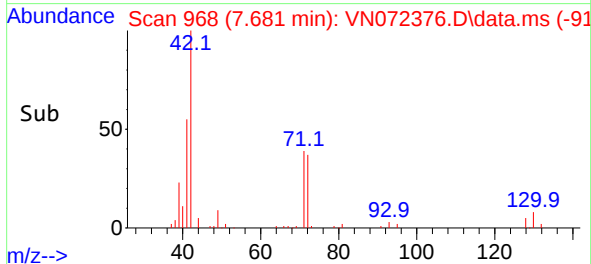
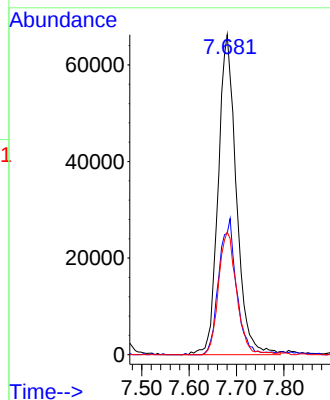
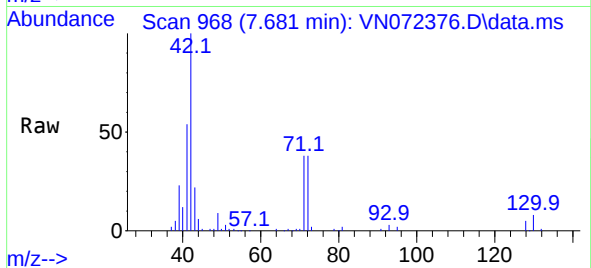
71 38.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#30

Chloroform

Concen: 18.812 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.006 min

Lab File: VN072376.D

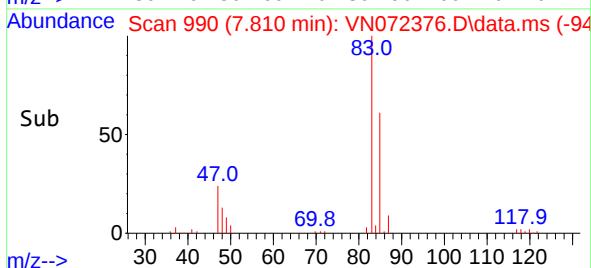
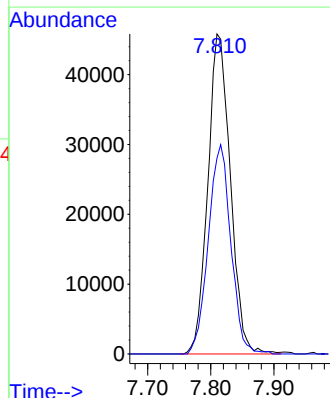
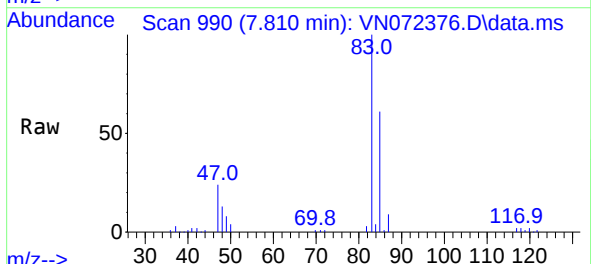
Acq: 09 May 2022 13:57

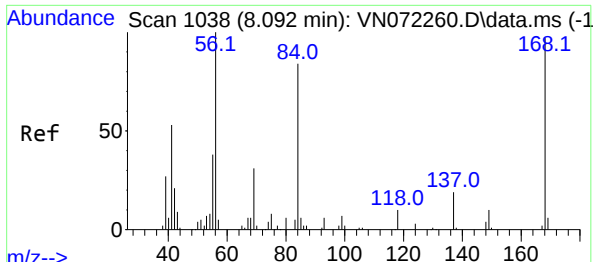
Tgt Ion: 83 Resp: 113742

Ion Ratio Lower Upper

83 100

85 61.2 51.8 77.8





#31

Cyclohexane

Concen: 16.561 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072376.D

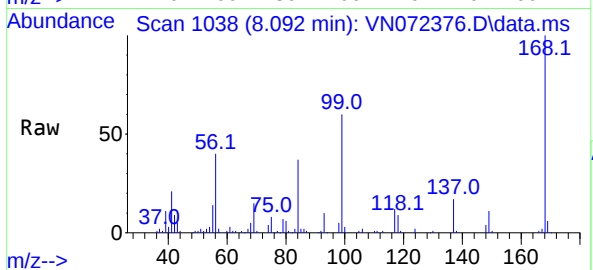
Acq: 09 May 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01



Tgt Ion: 56 Resp: 89538

Ion Ratio Lower Upper

56 100

69 37.0 27.8 41.8

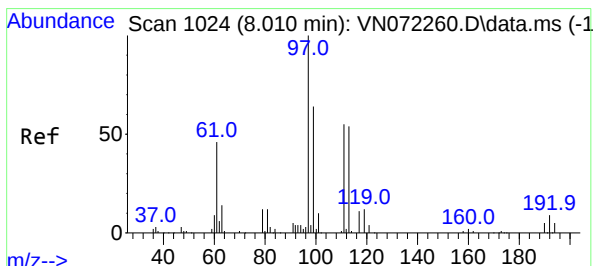
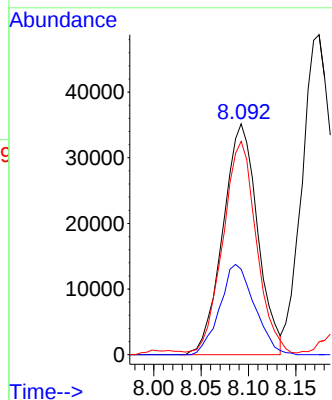
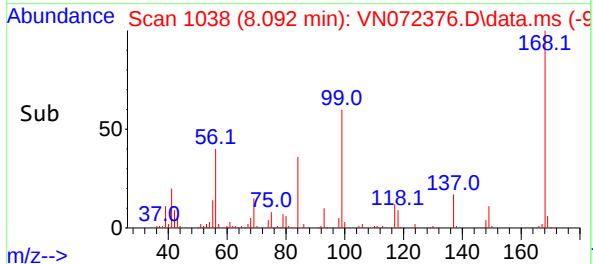
84 90.9 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#32

1,1,1-Trichloroethane

Concen: 18.944 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072376.D

Acq: 09 May 2022 13:57

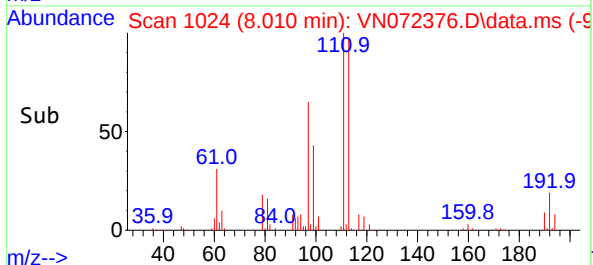
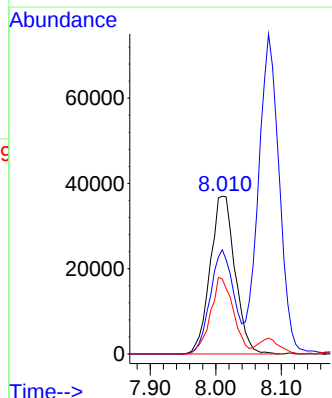
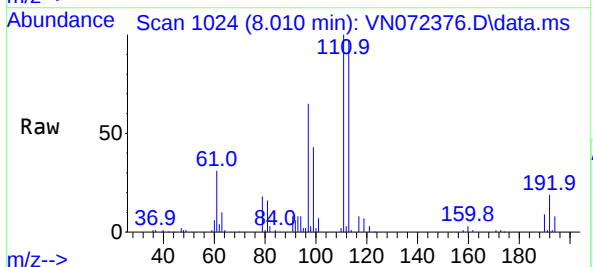
Tgt Ion: 97 Resp: 97472

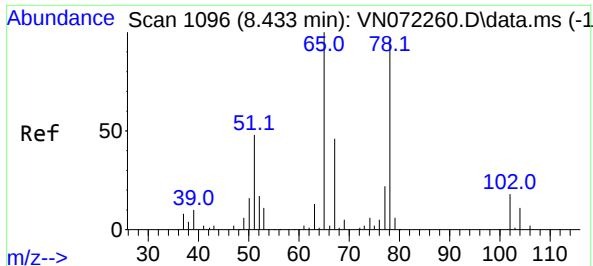
Ion Ratio Lower Upper

97 100

99 62.1 50.6 76.0

61 44.6 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 47.951 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

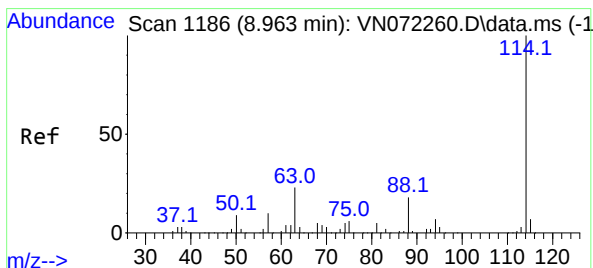
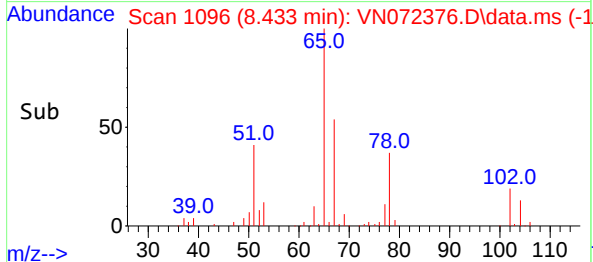
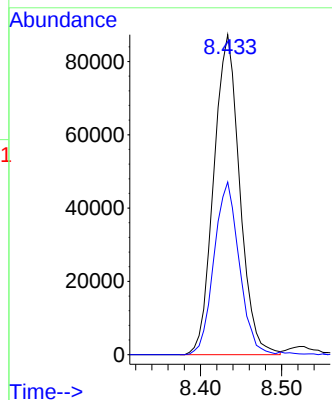
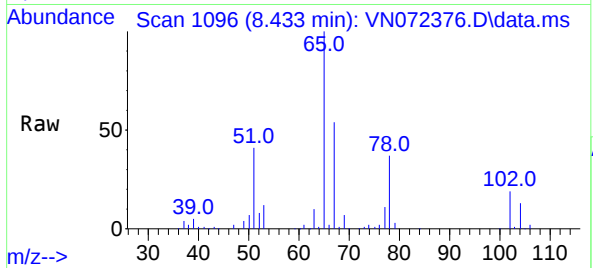
VN0509WBSD01

Tgt Ion: 65 Resp: 194020
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

Manual Integrations

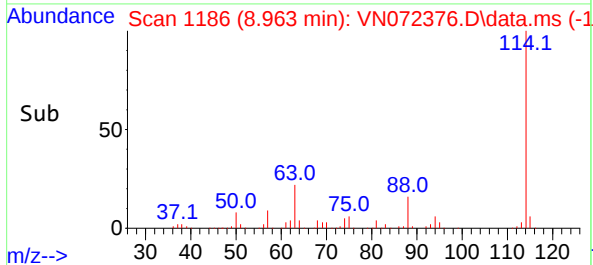
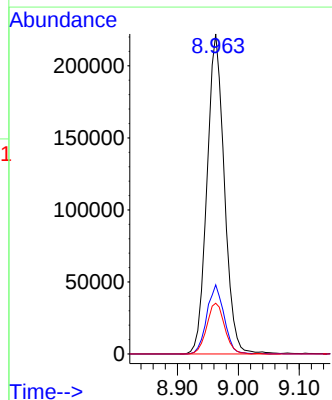
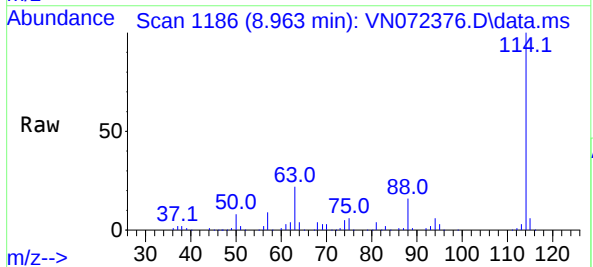
APPROVED

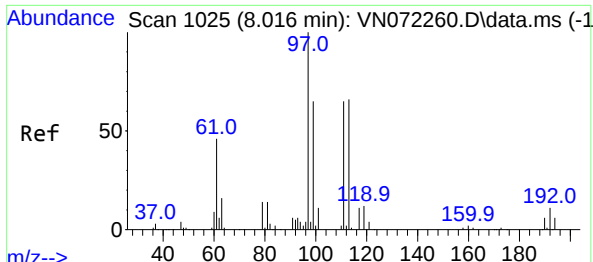
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

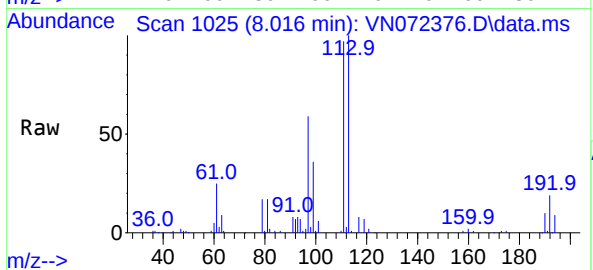
Tgt Ion:114 Resp: 440046
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.859 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

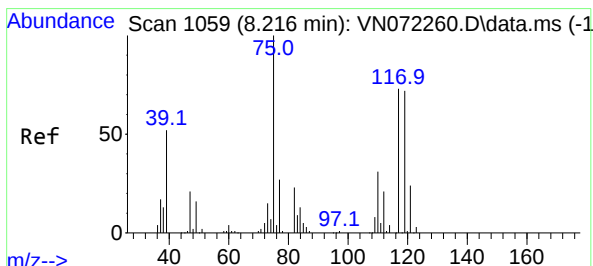
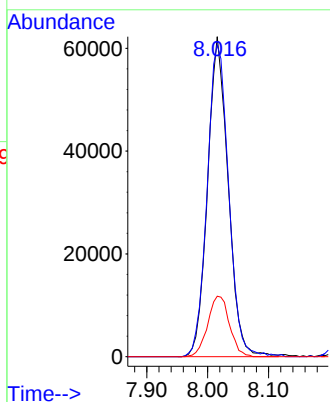
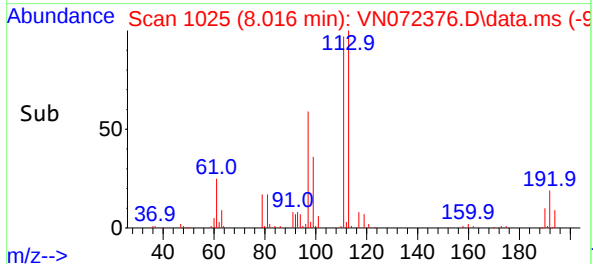
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



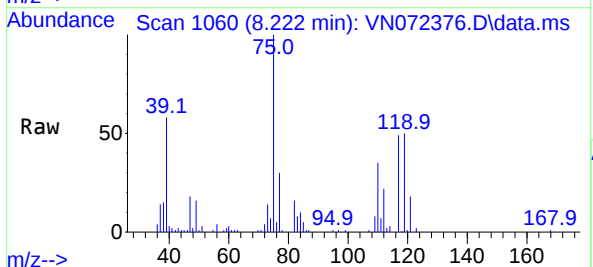
Tgt Ion: 113 Resp: 14606
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 20.0 17.0 25.6

Manual Integrations
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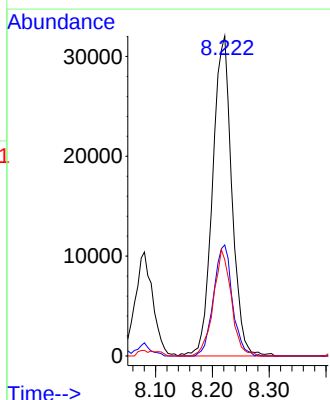
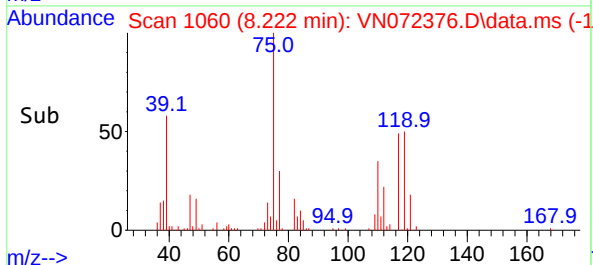
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

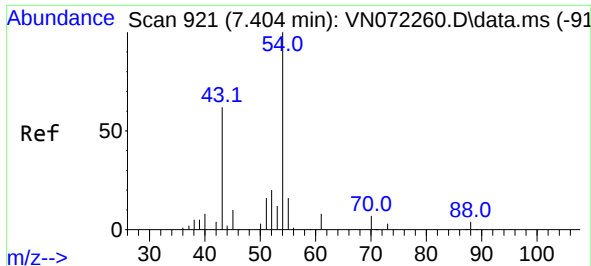


#36
1,1-Dichloropropene
Concen: 18.395 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



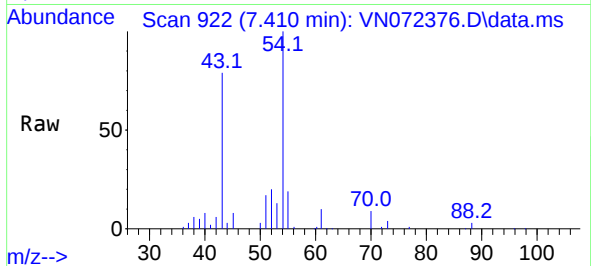
Tgt Ion: 75 Resp: 75414
Ion Ratio Lower Upper
75 100
110 33.8 18.3 54.8
77 30.9 25.1 37.7





#37
Ethyl Acetate
Concen: 20.027 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

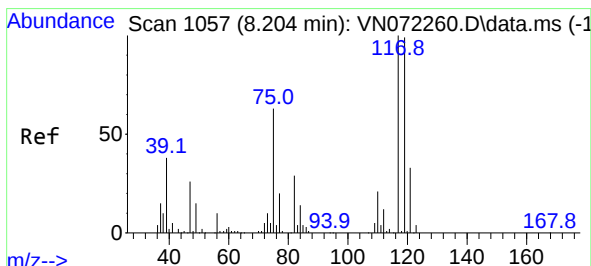
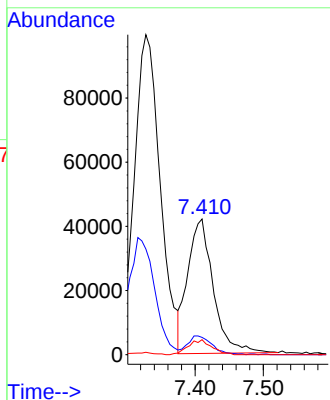
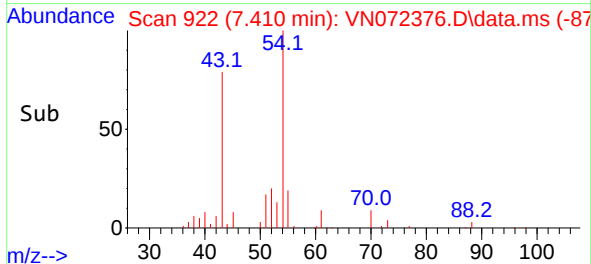
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



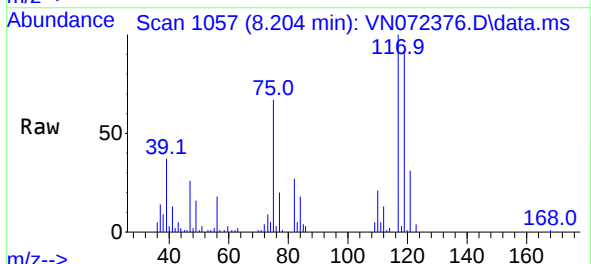
Tgt Ion: 43 Resp: 109038
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 10.1 9.3 13.9

Manual Integrations
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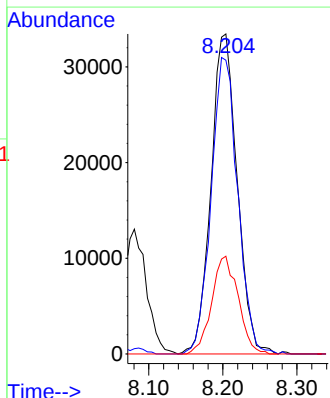
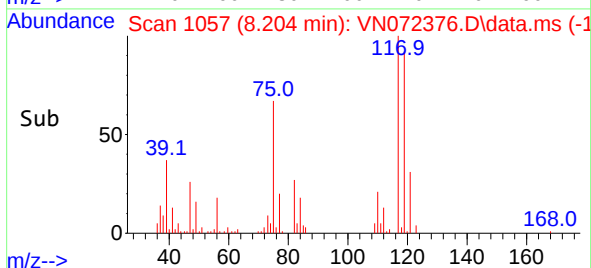
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

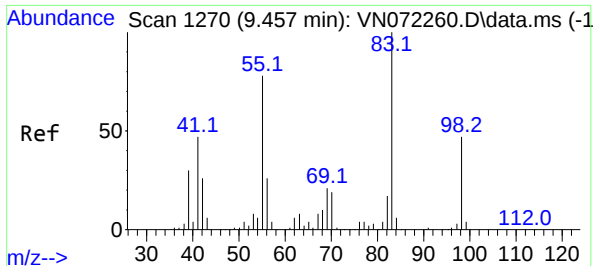


#38
Carbon Tetrachloride
Concen: 18.705 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion:117 Resp: 82129
Ion Ratio Lower Upper
117 100
119 91.8 75.8 113.8
121 30.6 24.6 37.0





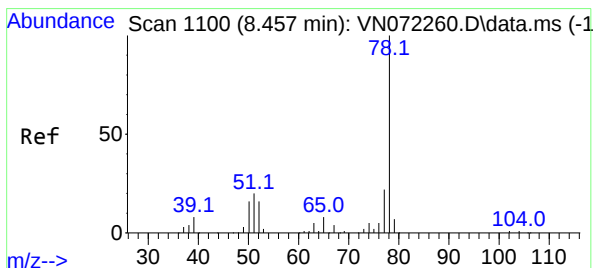
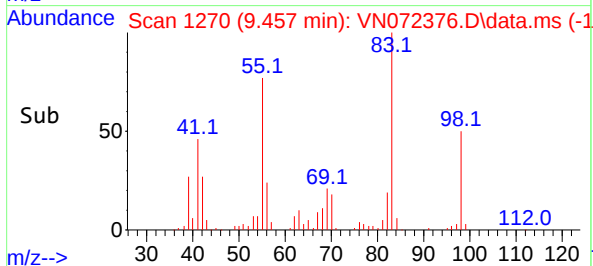
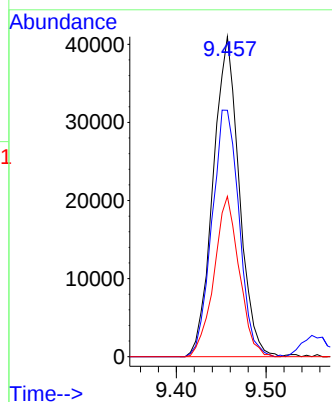
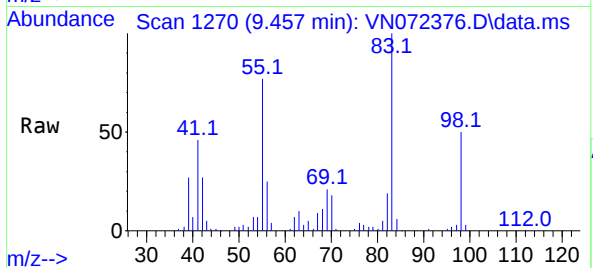
#39
Methylcyclohexane
Concen: 18.016 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 83 Resp: 82608
Ion Ratio Lower Upper
83 100
55 77.0 57.8 86.8
98 50.1 39.4 59.2

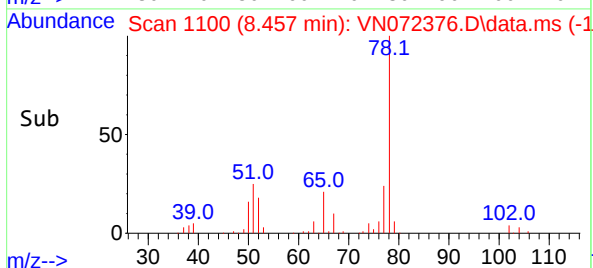
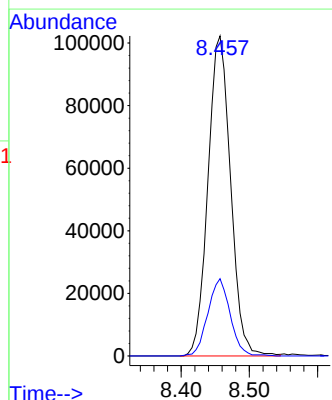
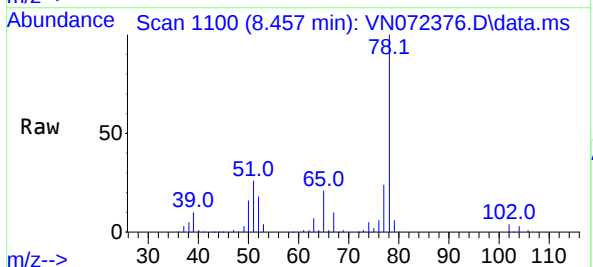
Manual Integrations
APPROVED

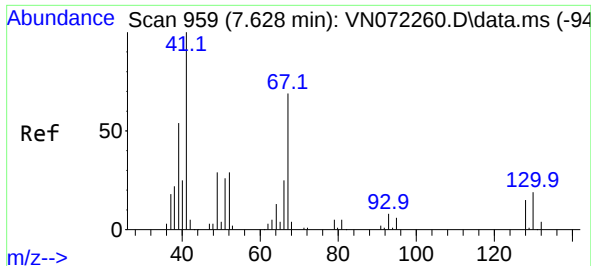
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#40
Benzene
Concen: 18.585 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

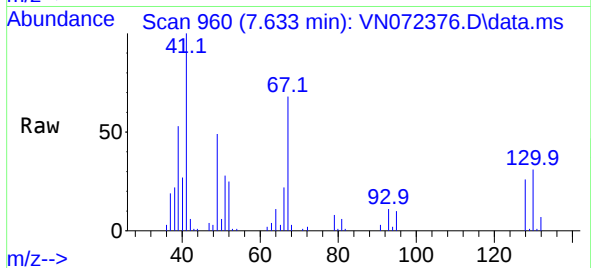
Tgt Ion: 78 Resp: 236334
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 18.579 ug/l
RT: 7.633 min Scan# 911
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

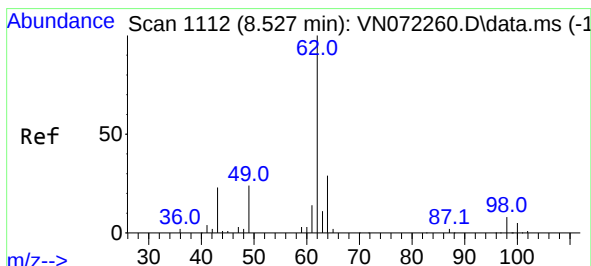
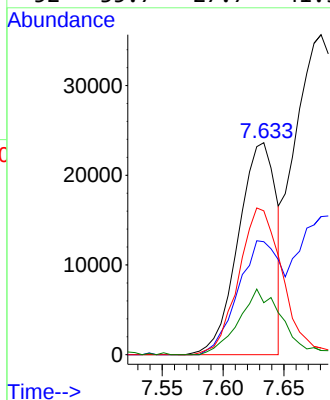
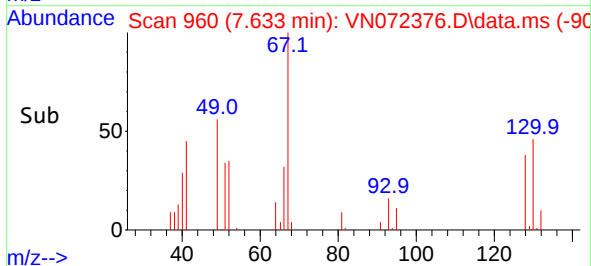
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion: 41 Resp: 5117
Ion Ratio Lower Upper
41 100
39 61.7 48.6 73.0
67 80.4 73.4 110.2
52 35.7 27.7 41.5

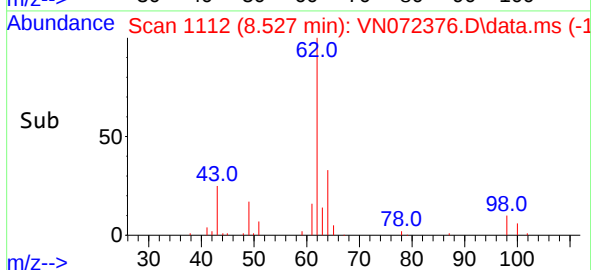
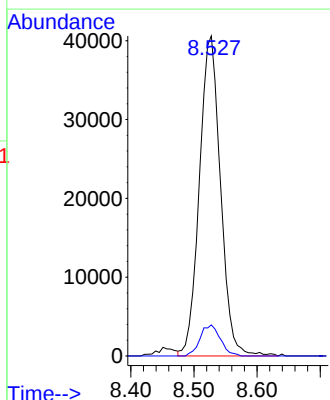
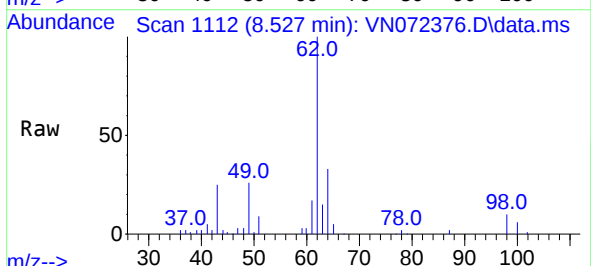
Manual Integrations
APPROVED

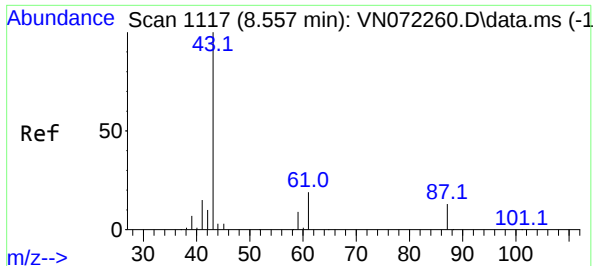
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#42
1,2-Dichloroethane
Concen: 19.363 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

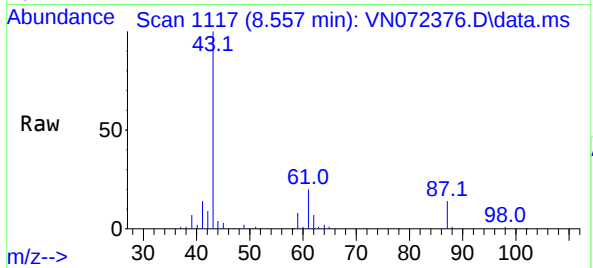
Tgt Ion: 62 Resp: 94266
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.775 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

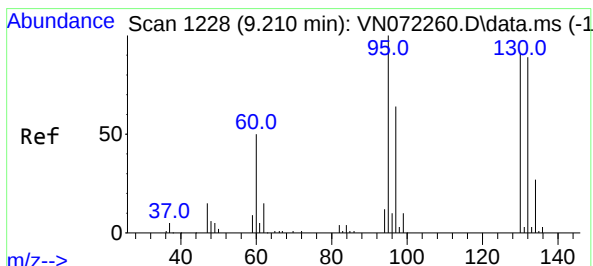
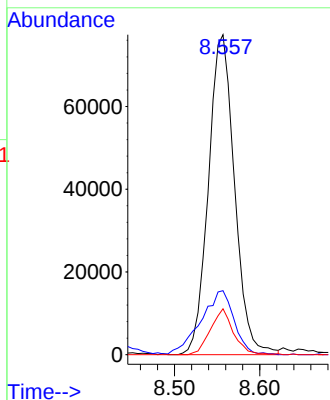
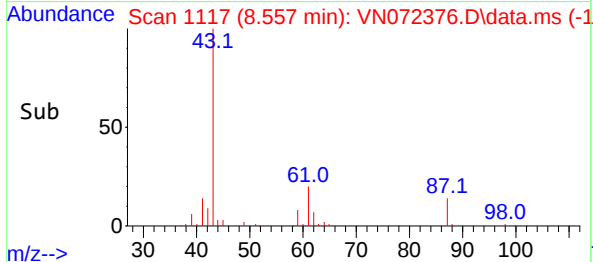
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



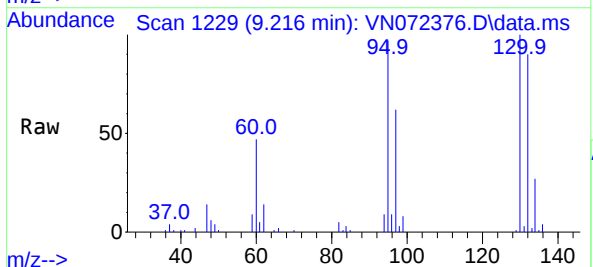
Tgt Ion: 43 Resp: 16483
Ion Ratio Lower Upper
43 100
61 25.5 21.9 32.9
87 12.7 12.0 18.0

Manual Integrations
APPROVED

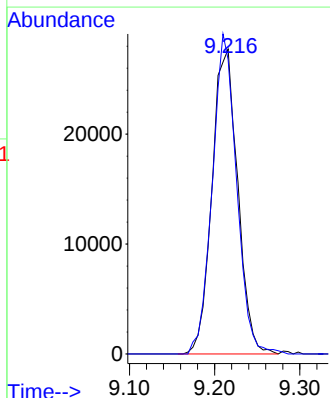
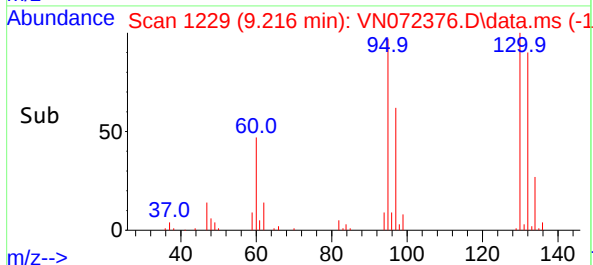
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

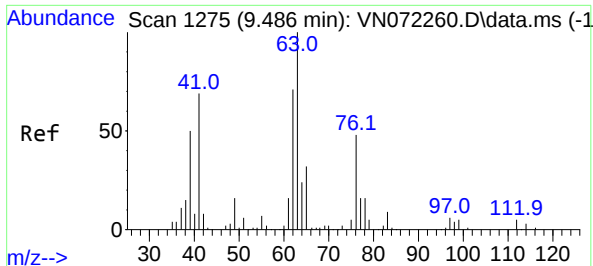


#44
Trichloroethene
Concen: 19.698 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion:130 Resp: 58269
Ion Ratio Lower Upper
130 100
95 96.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.587 ug/l

RT: 9.480 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN072376.D

Acq: 09 May 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

Tgt Ion: 63 Resp: 67304

Ion Ratio Lower Upper

63 100

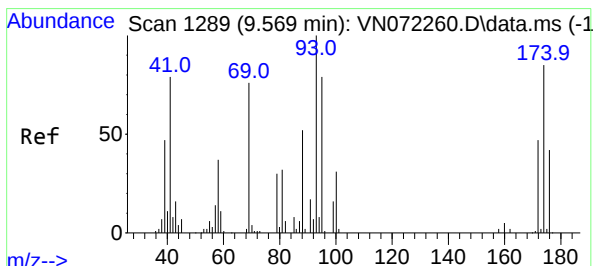
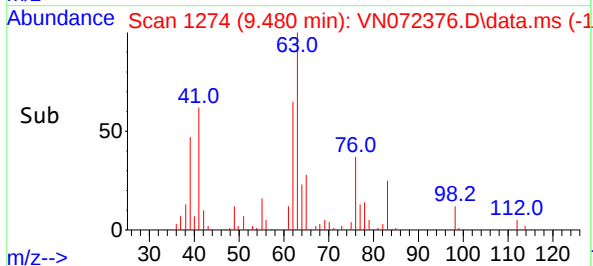
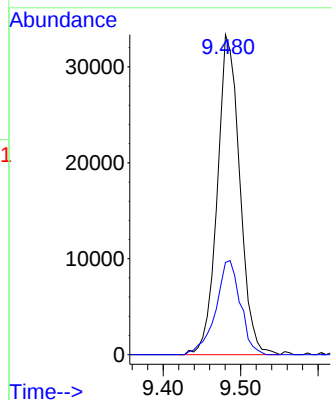
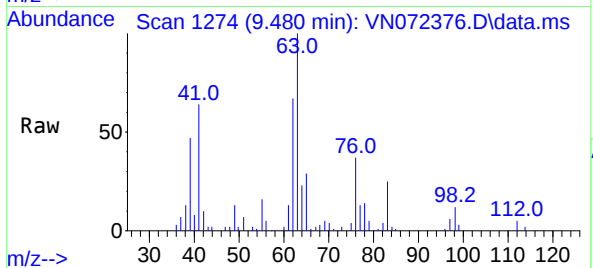
65 28.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#46

Dibromomethane

Concen: 20.368 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072376.D

Acq: 09 May 2022 13:57

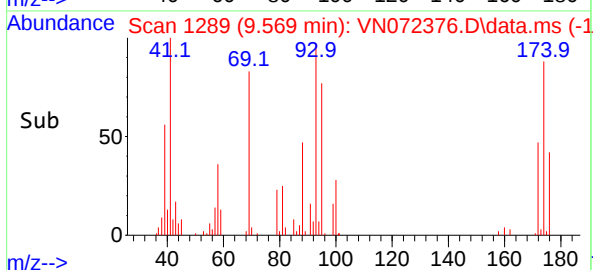
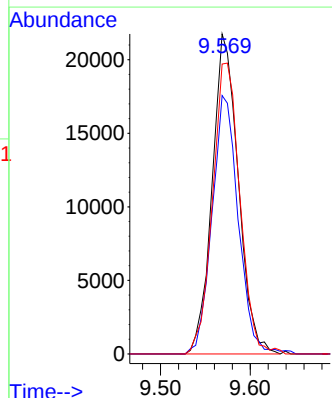
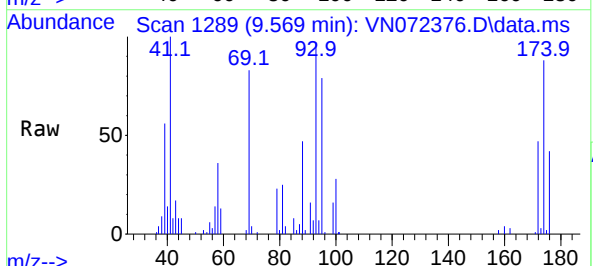
Tgt Ion: 93 Resp: 43843

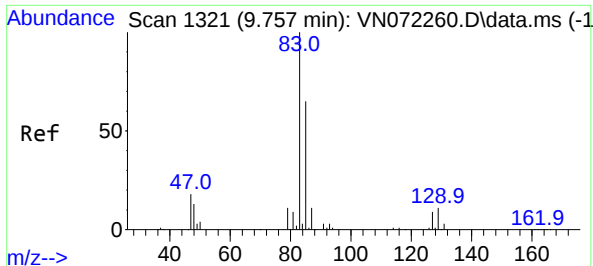
Ion Ratio Lower Upper

93 100

95 81.5 66.9 100.3

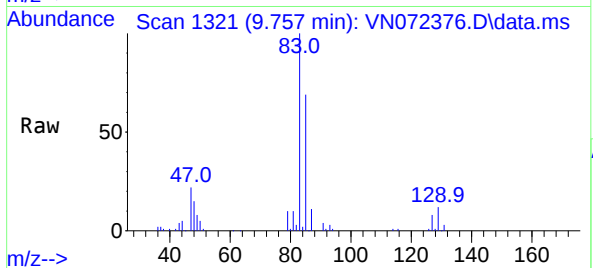
174 95.3 86.6 130.0





#47
Bromodichloromethane
Concen: 20.113 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

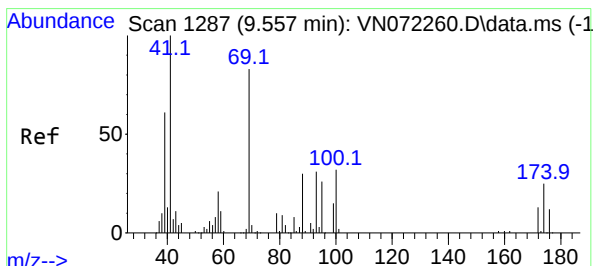
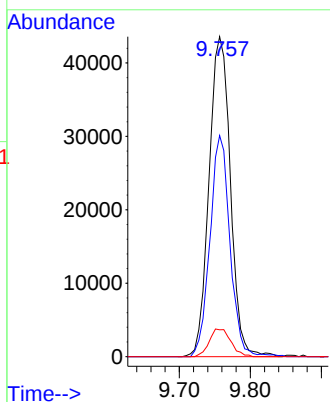
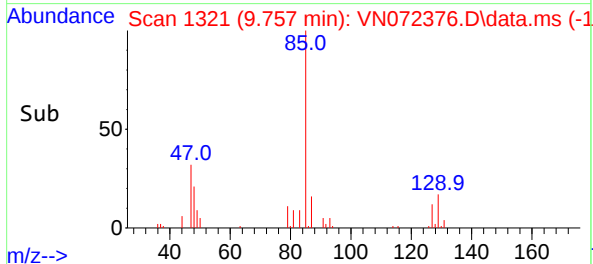
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



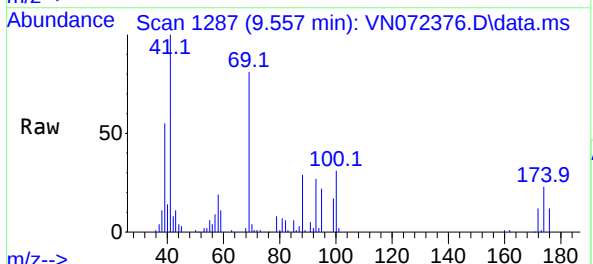
Tgt Ion: 83 Resp: 9084
Ion Ratio Lower Upper
83 100
85 69.1 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations
APPROVED

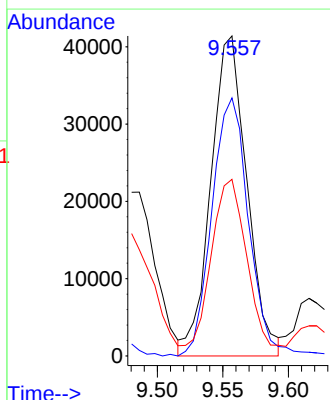
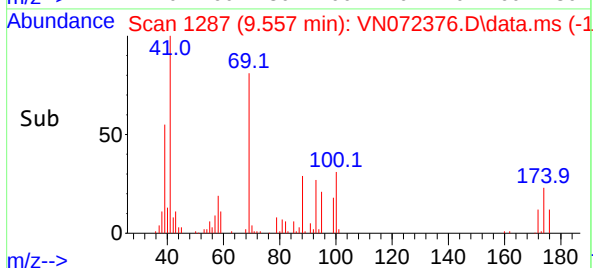
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

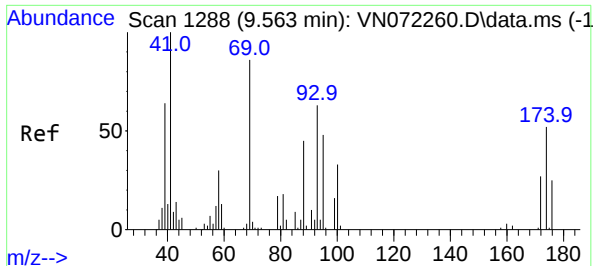


#48
Methyl methacrylate
Concen: 21.980 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



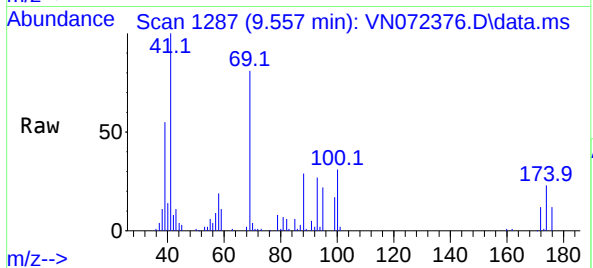
Tgt Ion: 41 Resp: 79048
Ion Ratio Lower Upper
41 100
69 82.7 74.7 112.1
39 55.9 45.6 68.4





#49
1,4-Dioxane
Concen: 434.023 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

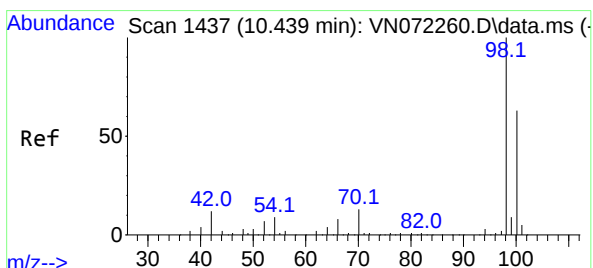
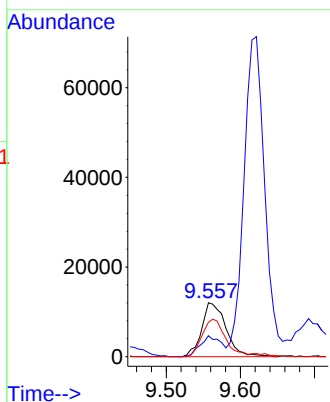
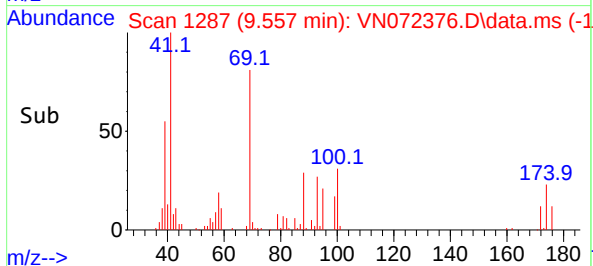
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



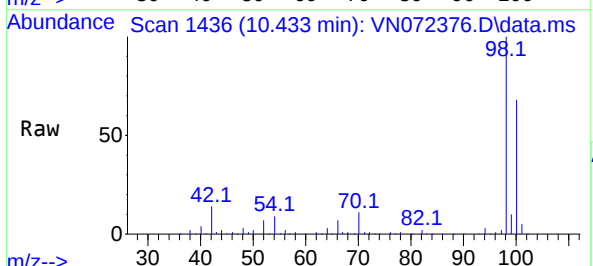
Tgt Ion: 88 Resp: 27419
Ion Ratio Lower Upper
88 100
43 33.1 20.2 30.4
58 66.9 54.2 81.4

Manual Integrations
APPROVED

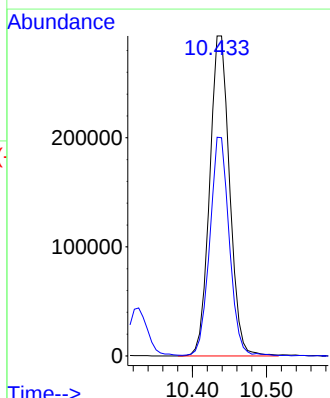
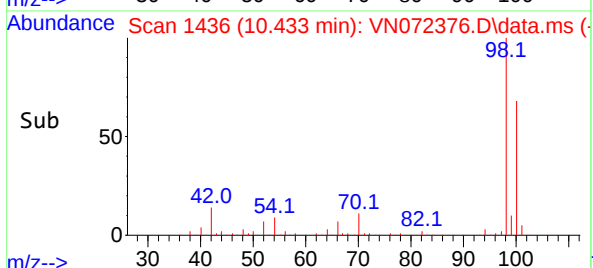
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

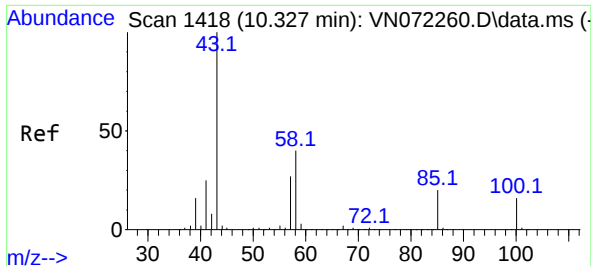


#50
Toluene-d8
Concen: 49.547 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



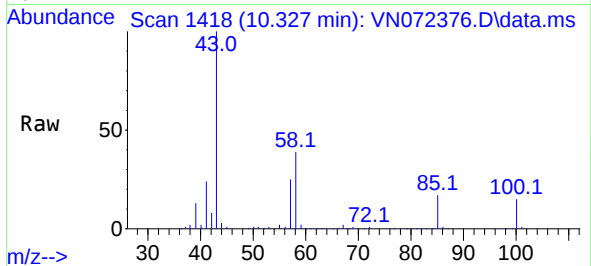
Tgt Ion: 98 Resp: 548350
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 105.089 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

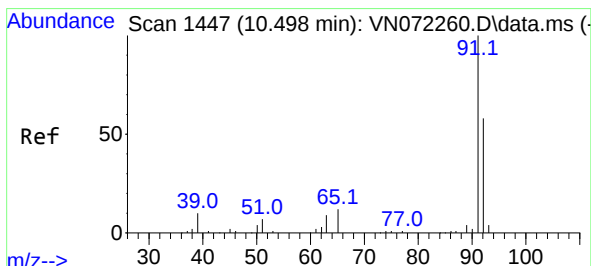
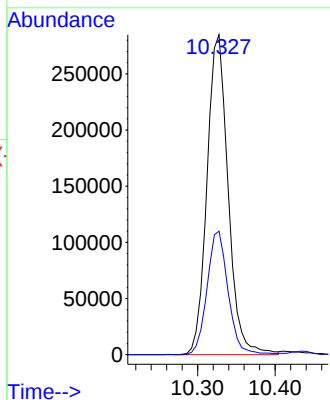
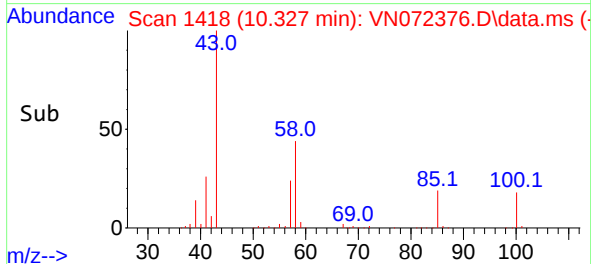
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



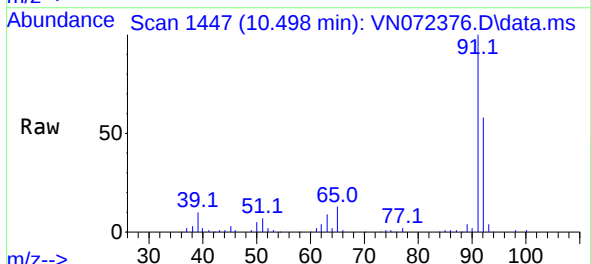
Tgt Ion: 43 Resp: 539840
Ion Ratio Lower Upper
43 100
58 38.4 34.1 51.1

Manual Integrations
APPROVED

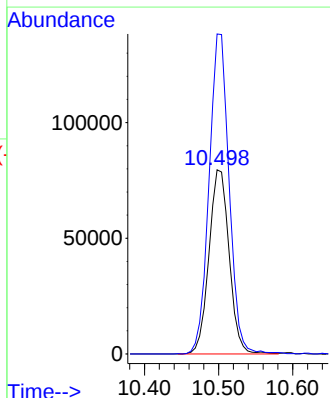
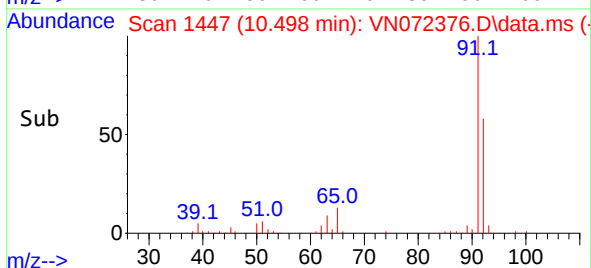
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

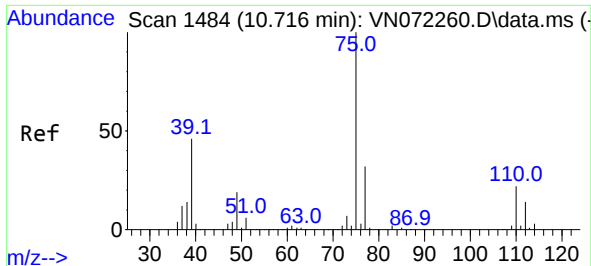


#52
Toluene
Concen: 19.844 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



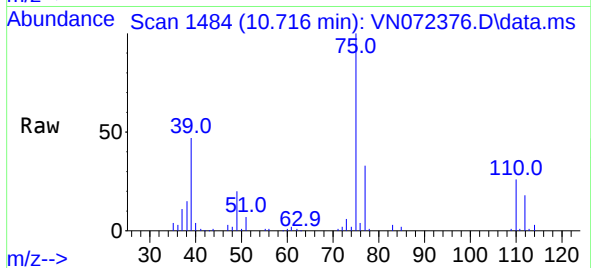
Tgt Ion: 92 Resp: 150855
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.973 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

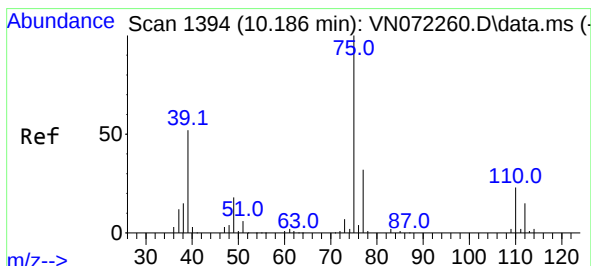
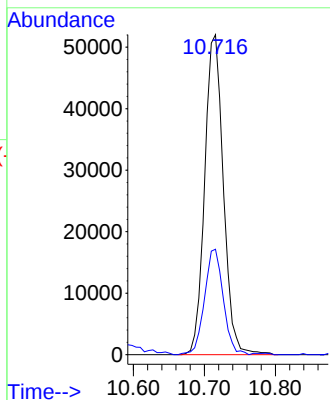
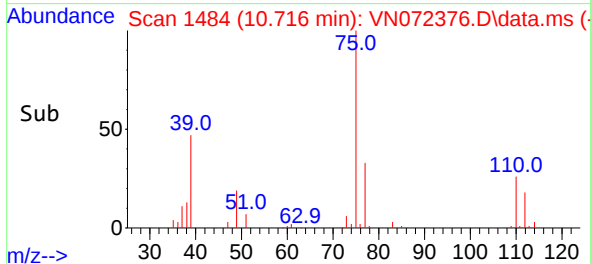
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



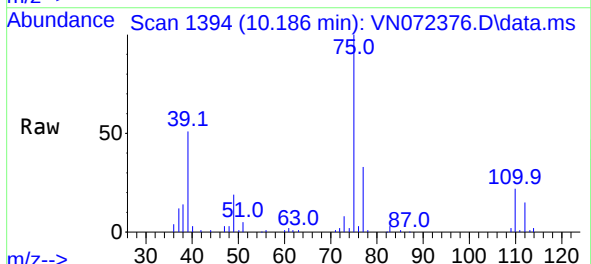
Tgt Ion: 75 Resp: 95220
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4

Manual Integrations
APPROVED

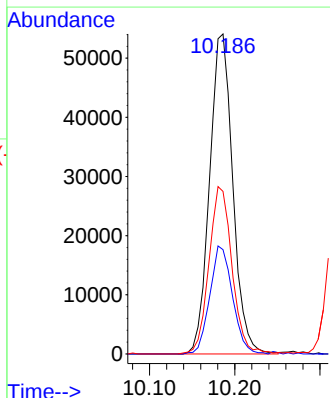
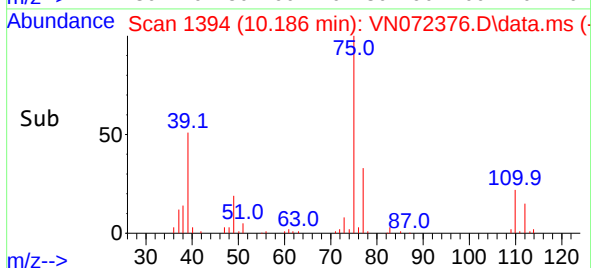
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

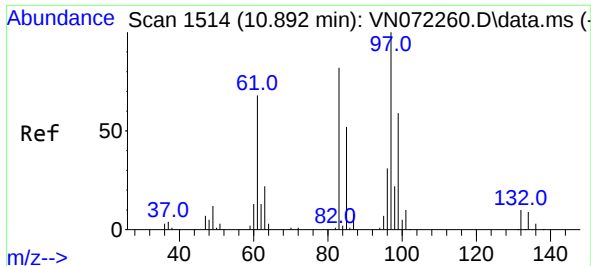


#54
cis-1,3-Dichloropropene
Concen: 20.841 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



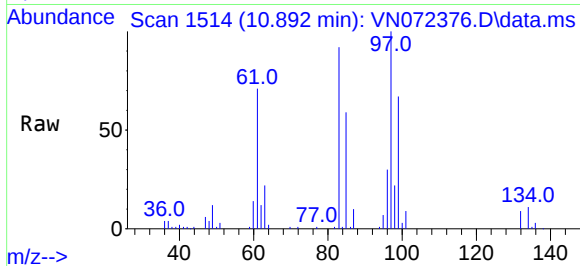
Tgt Ion: 75 Resp: 102334
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
39 50.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 20.825 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

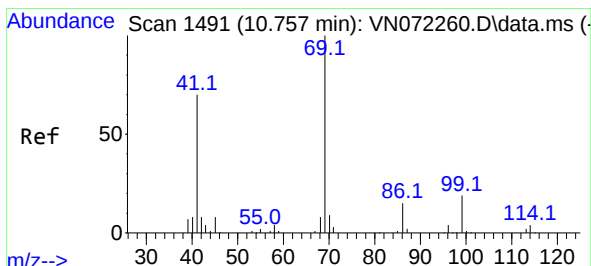
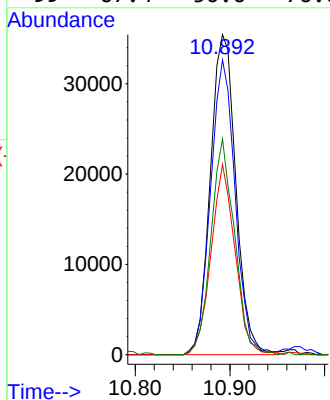
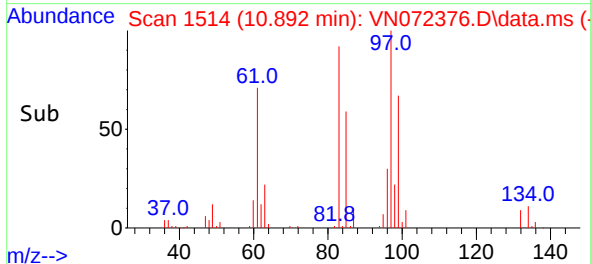
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



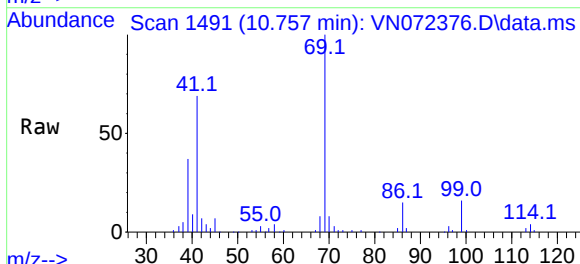
Tgt Ion:	97	Resp:	66379
Ion	Ratio	Lower	Upper
97	100		
83	92.1	66.2	99.4
85	59.4	43.9	65.9
99	67.4	50.6	76.0

Manual Integrations
APPROVED

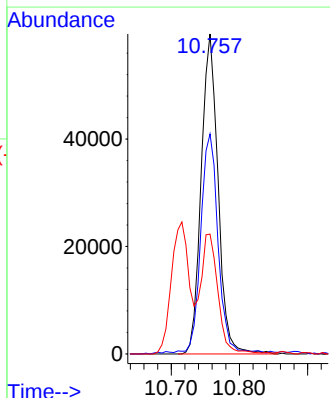
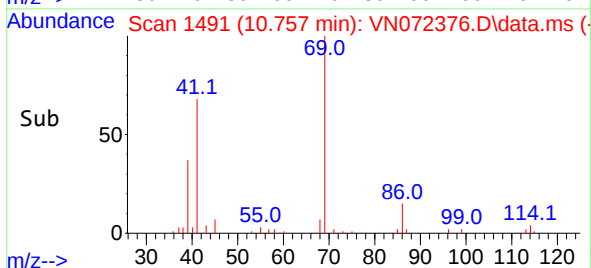
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

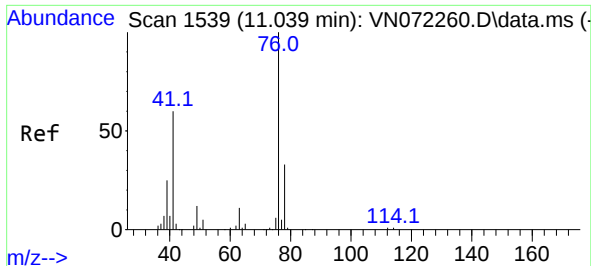


#56
Ethyl methacrylate
Concen: 19.857 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



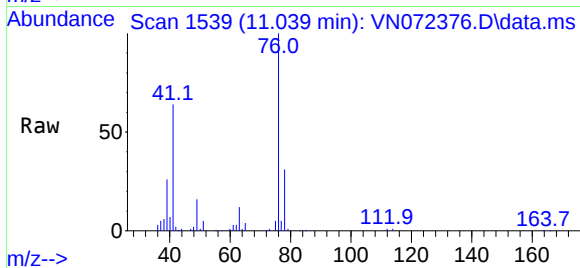
Tgt Ion:	69	Resp:	102492
Ion	Ratio	Lower	Upper
69	100		
41	72.0	47.8	71.6
39	37.7	27.3	40.9





#57
1,3-Dichloropropane
Concen: 20.246 ug/l
RT: 11.039 min Scan# 11324
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

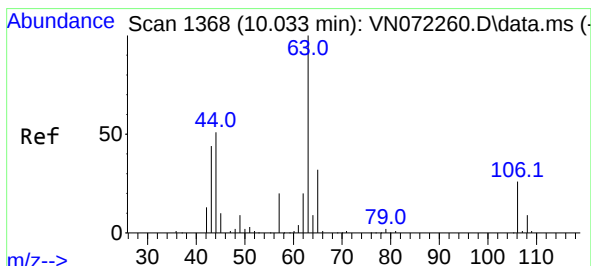
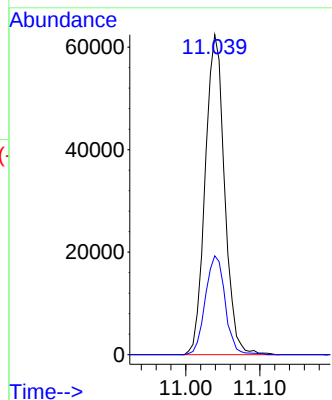
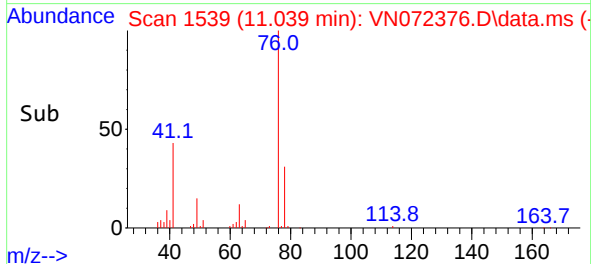
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



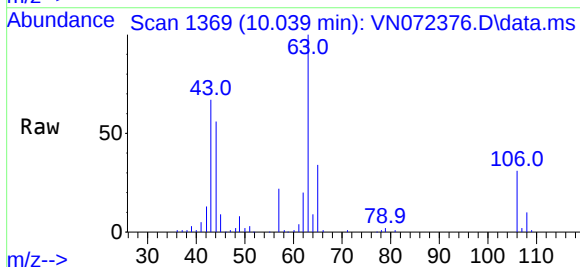
Tgt Ion: 76 Resp: 11324
Ion Ratio Lower Upper
76 100
78 31.6 26.2 39.2

Manual Integrations
APPROVED

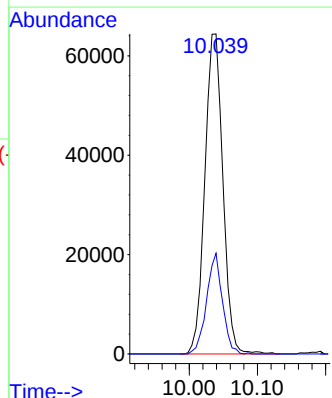
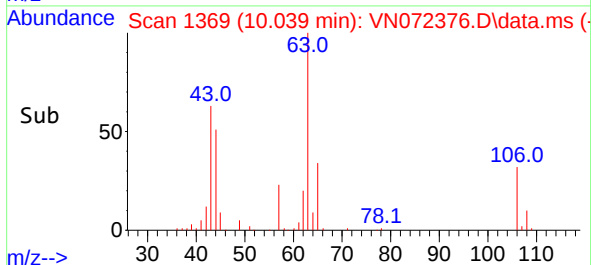
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

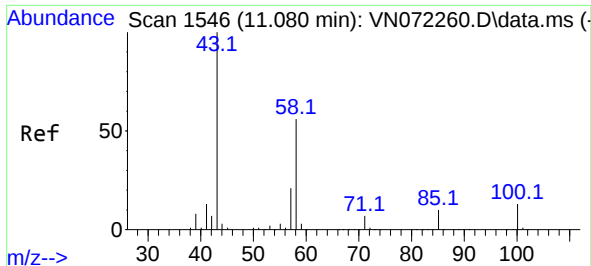


#58
2-Chloroethyl Vinyl ether
Concen: 91.145 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion: 63 Resp: 118672
Ion Ratio Lower Upper
63 100
106 27.5 24.6 36.8





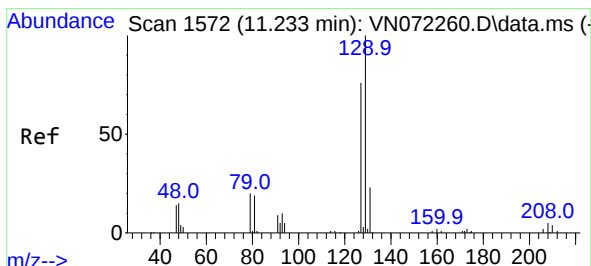
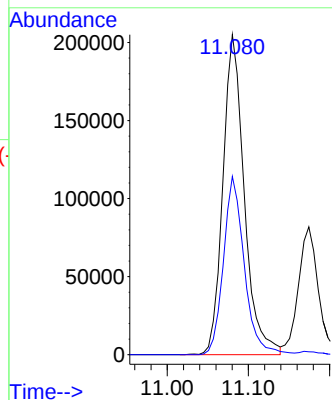
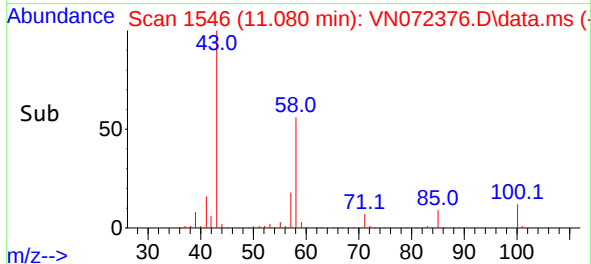
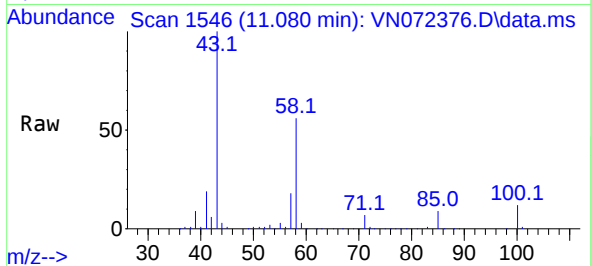
#59
2-Hexanone
Concen: 103.741 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 43 Resp: 375468
Ion Ratio Lower Upper
43 100
58 54.3 29.7 89.1

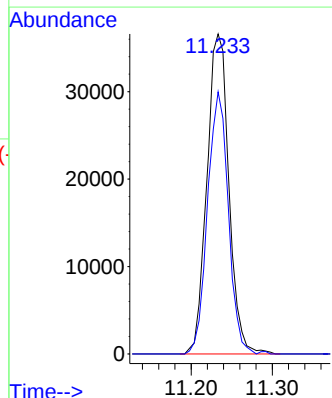
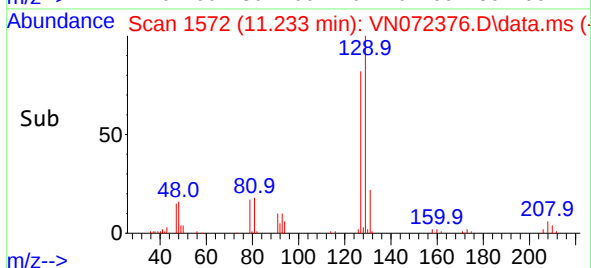
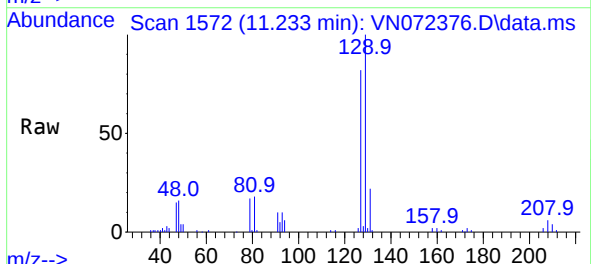
Manual Integrations
APPROVED

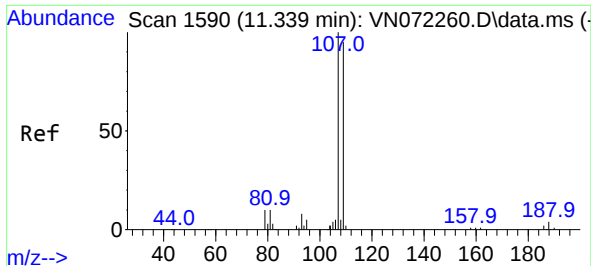
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#60
Dibromochloromethane
Concen: 21.101 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Tgt Ion:129 Resp: 68777
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





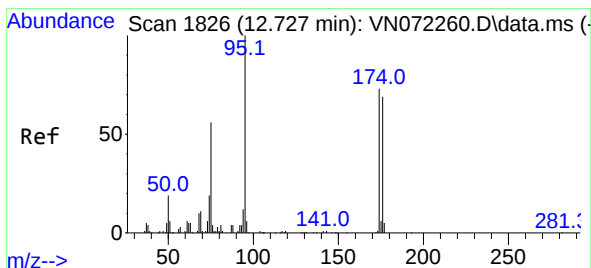
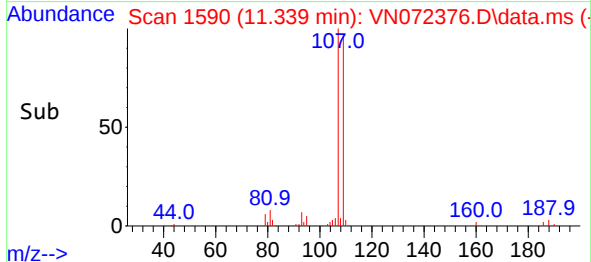
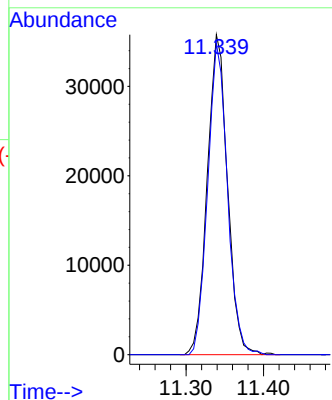
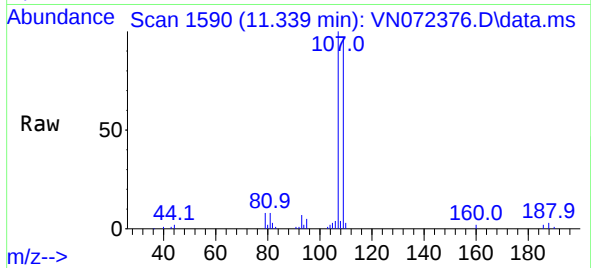
#61
1,2-Dibromoethane
Concen: 20.640 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion:107 Resp: 6470
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6

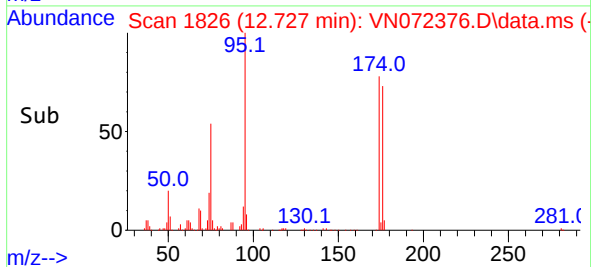
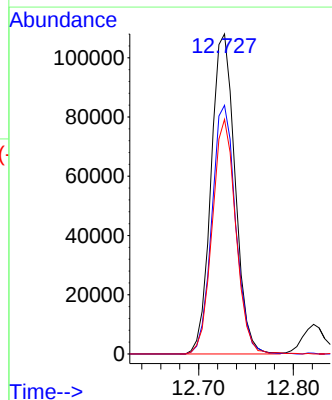
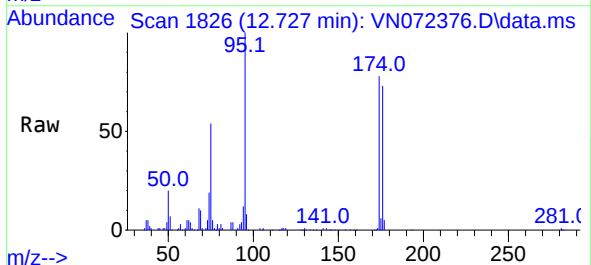
Manual Integrations
APPROVED

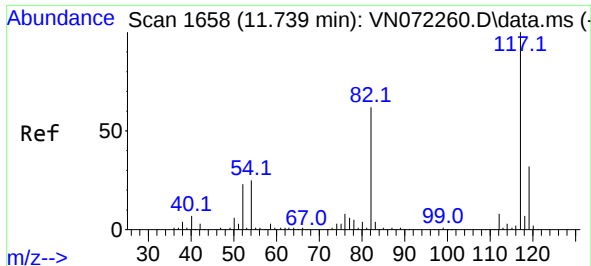
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#62
4-Bromofluorobenzene
Concen: 51.725 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

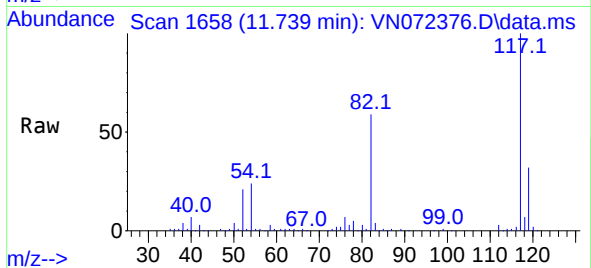
Tgt Ion: 95 Resp: 190010
Ion Ratio Lower Upper
95 100
174 77.2 0.0 167.6
176 72.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

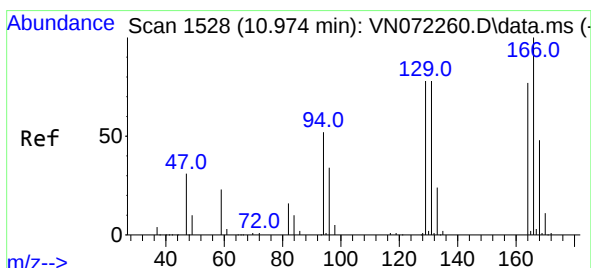
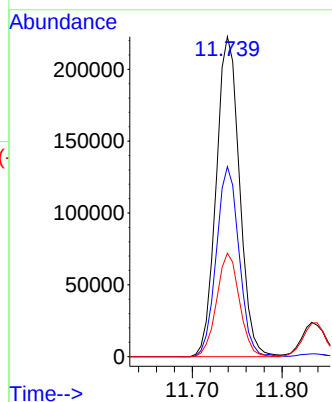
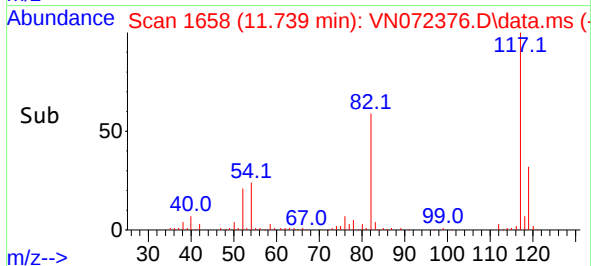
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



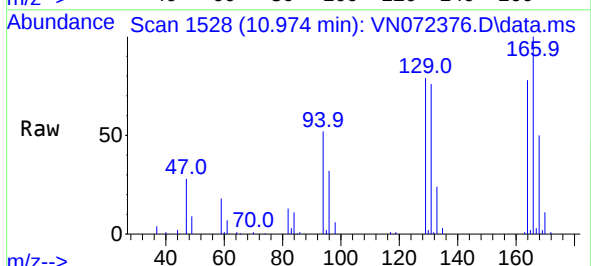
Tgt Ion:117 Resp: 40185
Ion Ratio Lower Upper
117 100
82 59.4 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations
APPROVED

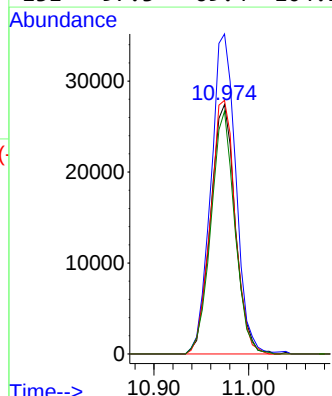
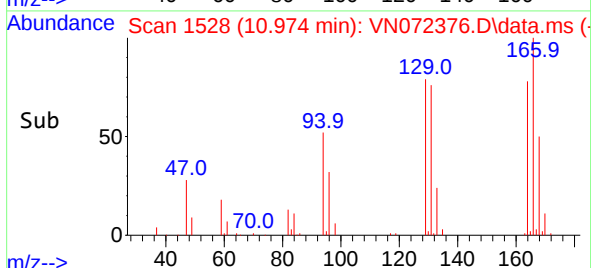
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

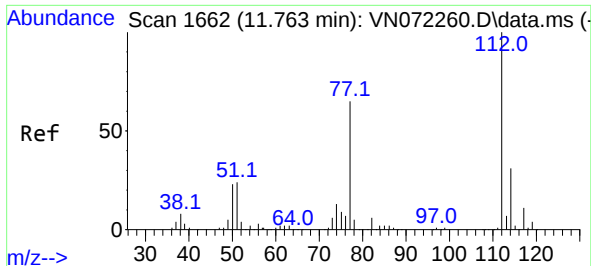


#64
Tetrachloroethene
Concen: 20.569 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



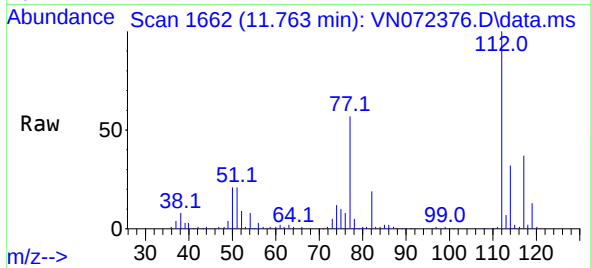
Tgt Ion:164 Resp: 49756
Ion Ratio Lower Upper
164 100
166 128.3 104.2 156.2
129 101.6 73.9 110.9
131 97.3 69.4 104.2





#65
Chlorobenzene
Concen: 19.929 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

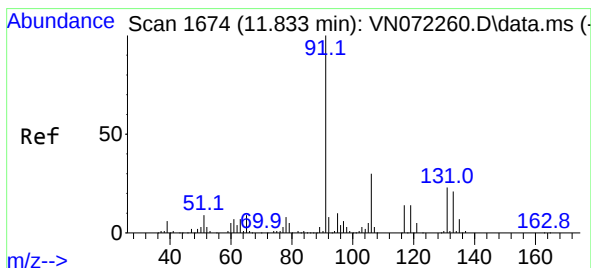
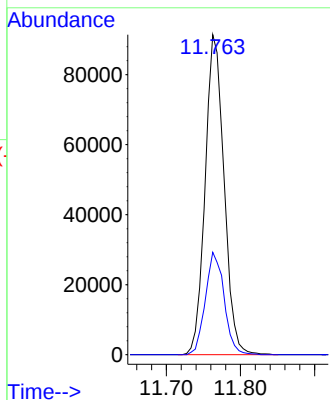
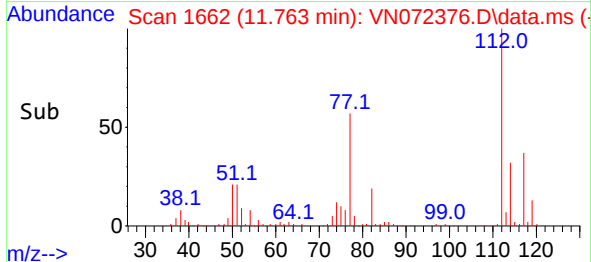
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



Tgt Ion:112 Resp: 16181
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

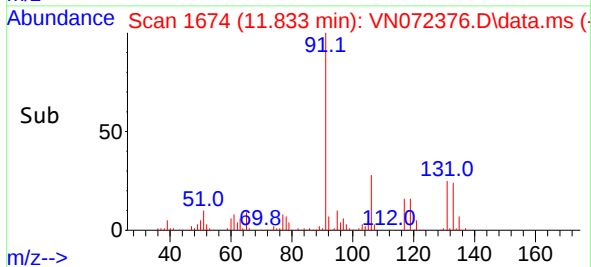
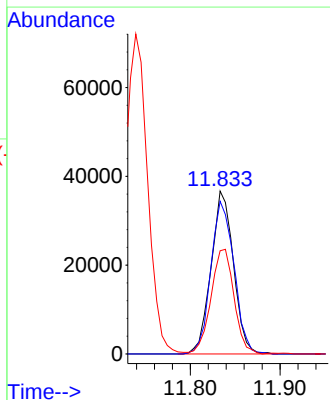
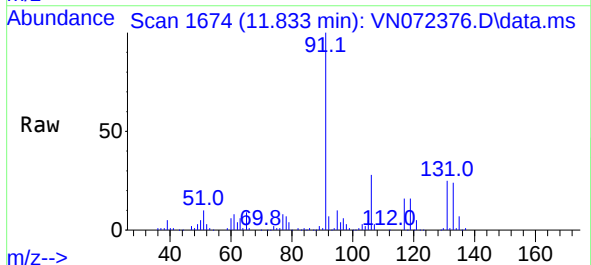
Manual Integrations
APPROVED

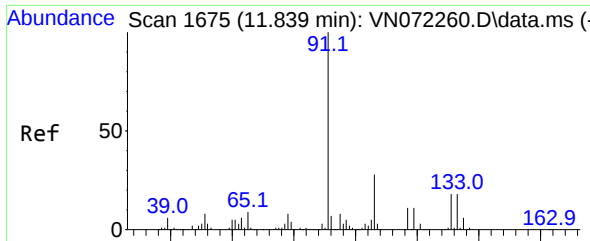
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.758 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

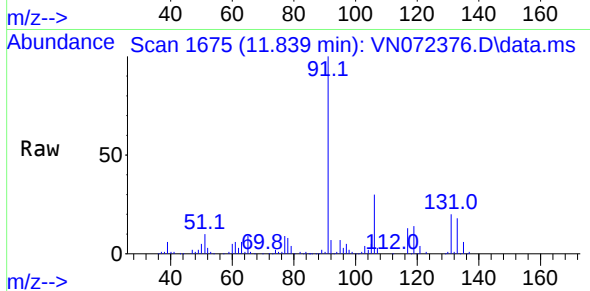
Tgt Ion:131 Resp: 63509
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.4
119 66.4 33.4 100.2





#67
Ethyl Benzene
Concen: 20.277 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

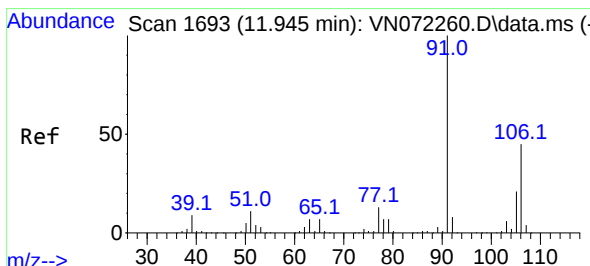
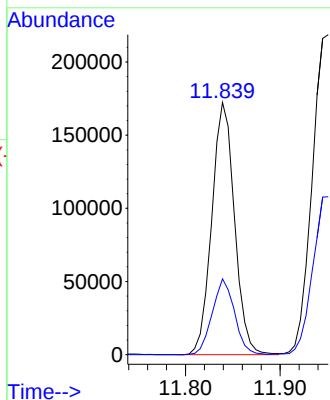
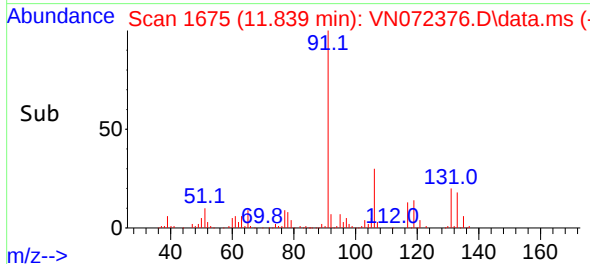
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



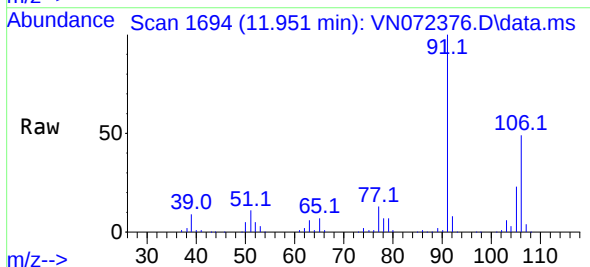
Tgt Ion: 91 Resp: 287128
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

Manual Integrations
APPROVED

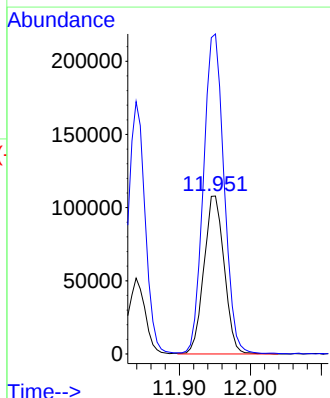
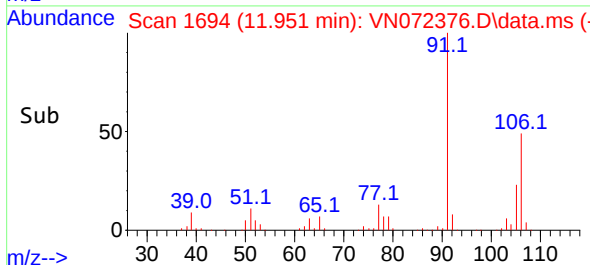
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

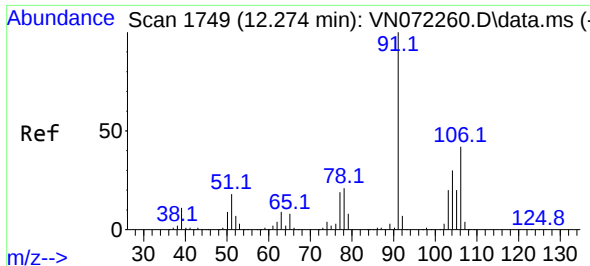


#68
m/p-Xylenes
Concen: 40.828 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion:106 Resp: 214681
Ion Ratio Lower Upper
106 100
91 204.7 158.9 238.3





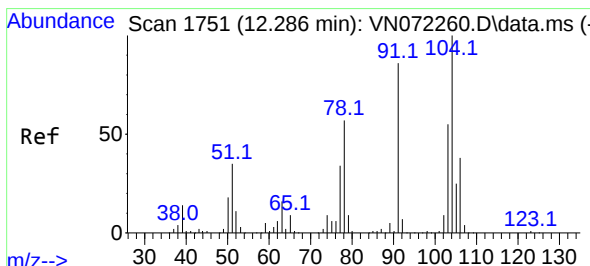
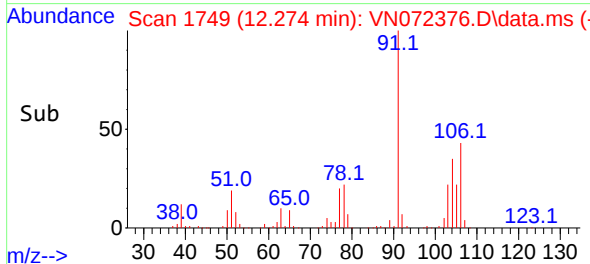
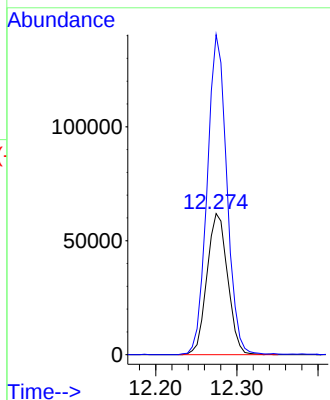
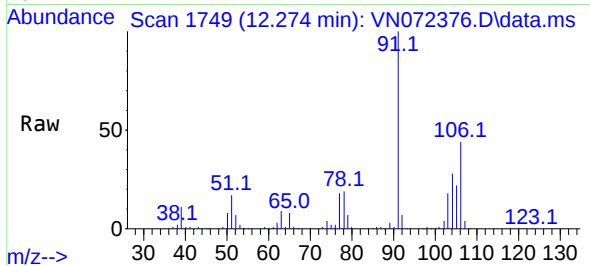
#69
o-Xylene
Concen: 21.515 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion:106 Resp: 10967
Ion Ratio Lower Upper
106 100
91 215.2 106.0 318.0

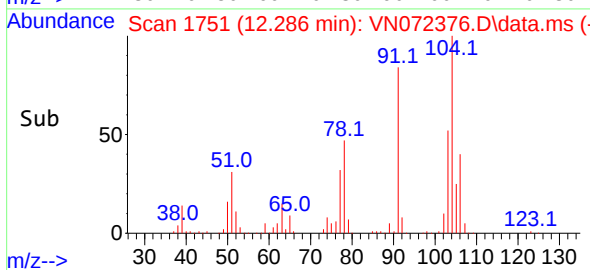
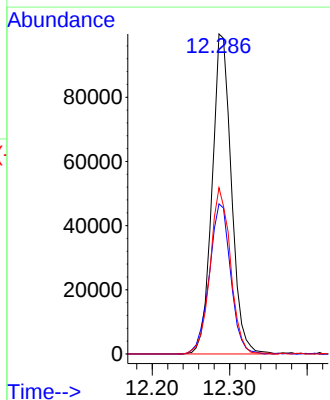
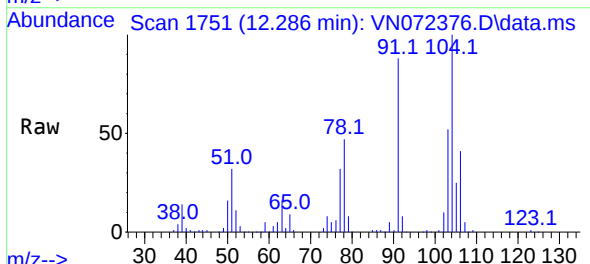
Manual Integrations
APPROVED

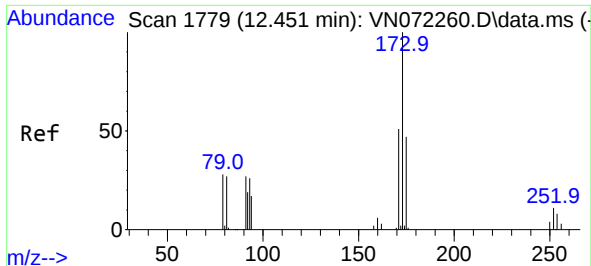
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#70
Styrene
Concen: 21.500 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

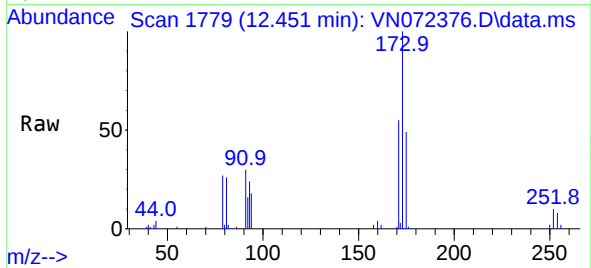
Tgt Ion:104 Resp: 172635
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 20.902 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

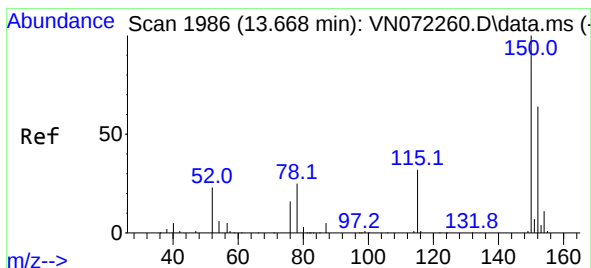
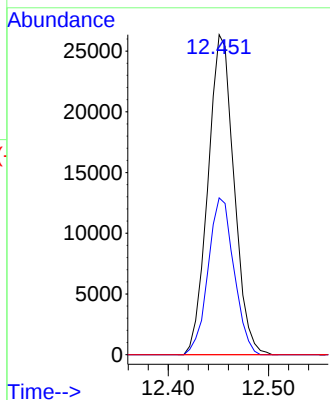
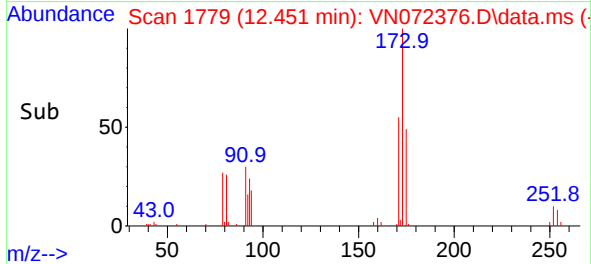
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



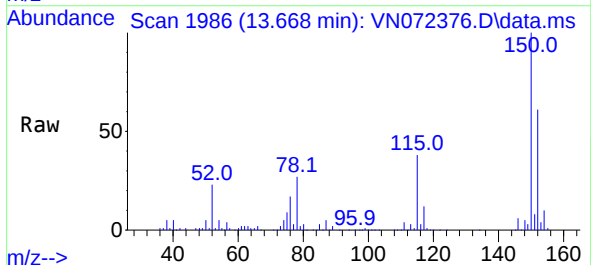
Tgt Ion:173 Resp: 4756
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

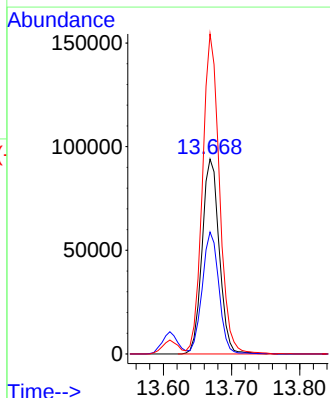
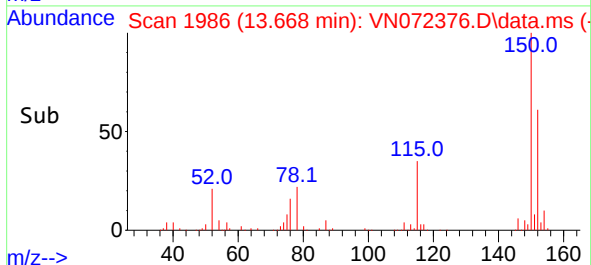
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

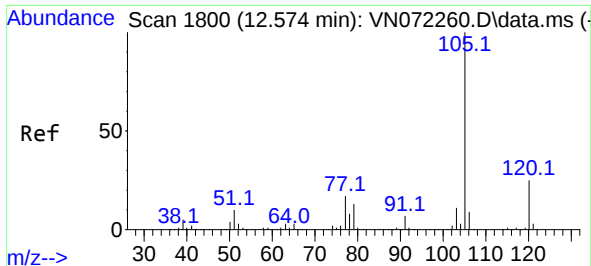


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion:152 Resp: 163983
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 163.5 0.0 356.2





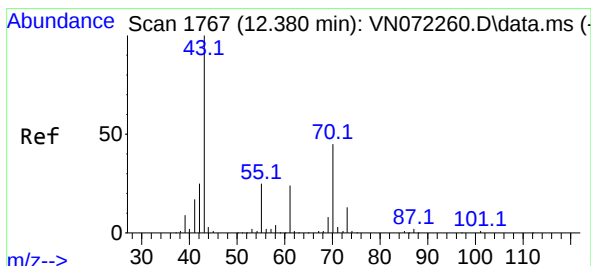
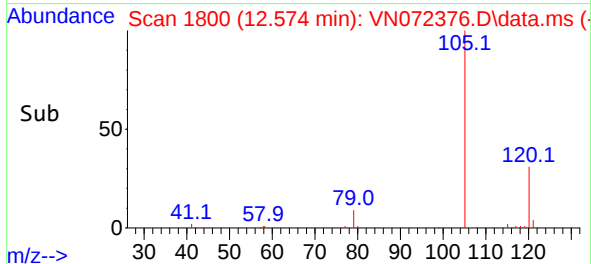
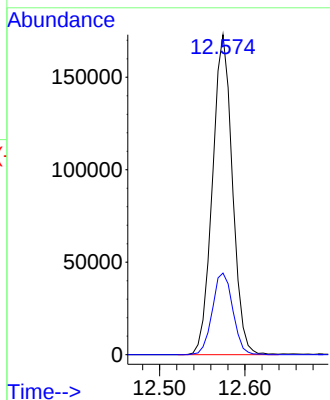
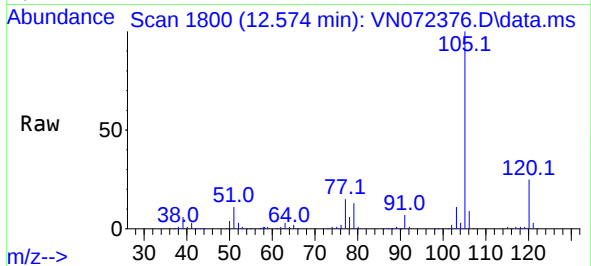
#73
Isopropylbenzene
Concen: 19.428 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion:105 Resp: 28137
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

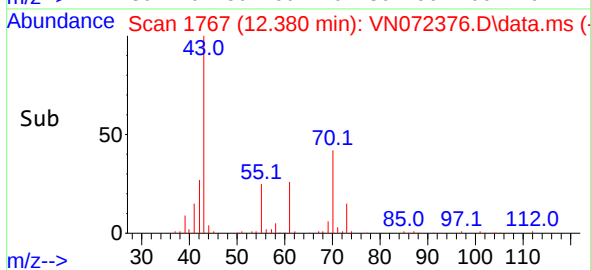
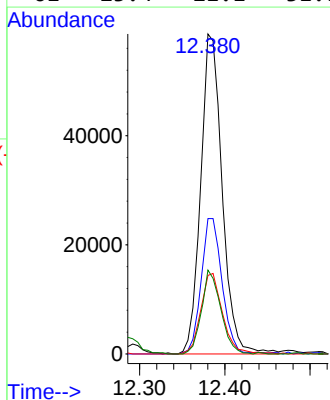
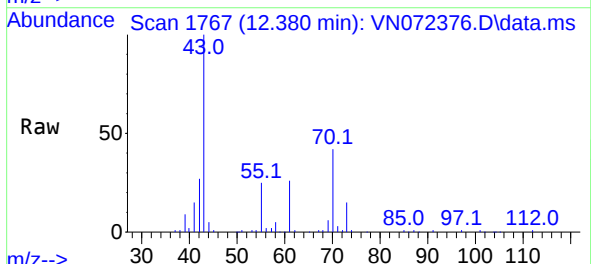
Manual Integrations
APPROVED

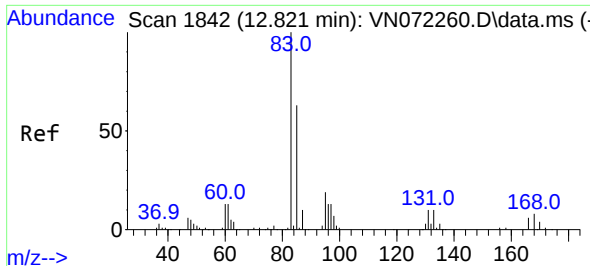
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#74
N-ethyl acetate
Concen: 18.994 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

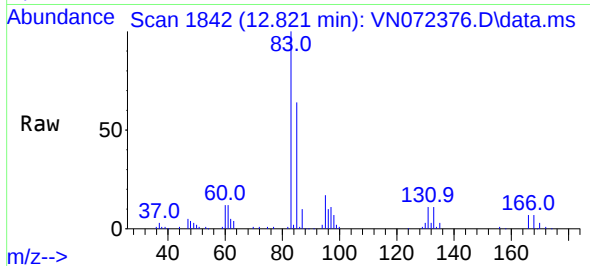
Tgt Ion: 43 Resp: 103060
Ion Ratio Lower Upper
43 100
70 41.3 39.0 58.4
55 25.5 21.1 31.7
61 23.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.846 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

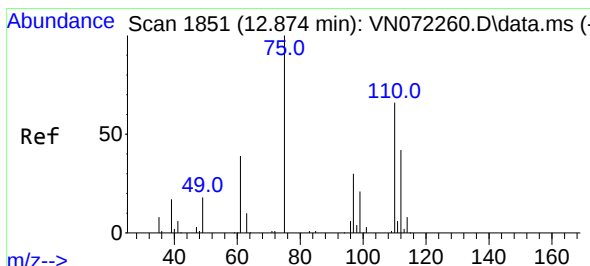
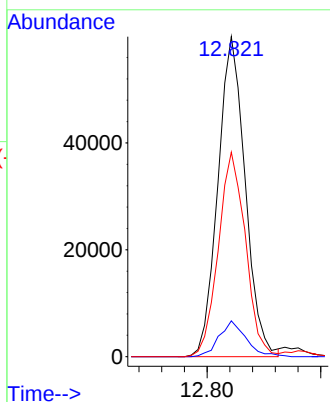
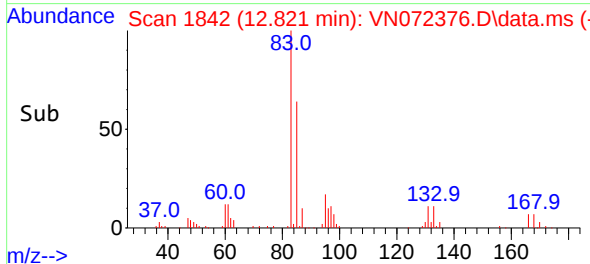
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



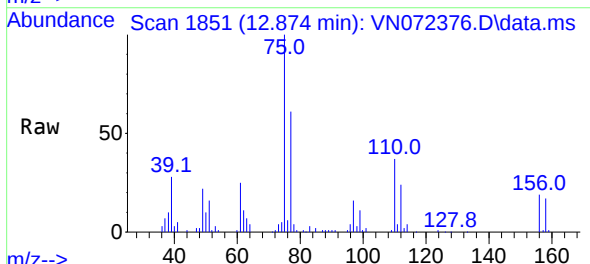
Tgt Ion: 83 Resp: 100069
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 63.5 32.3 96.9

Manual Integrations
APPROVED

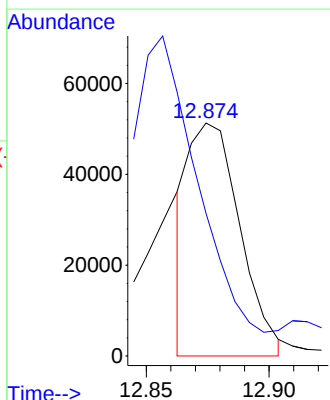
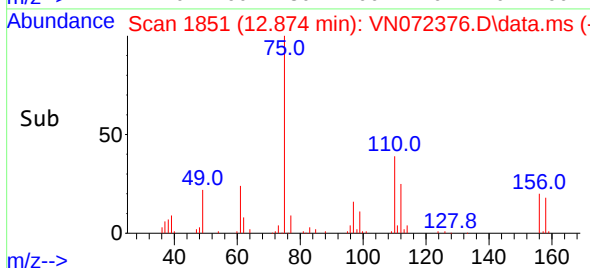
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

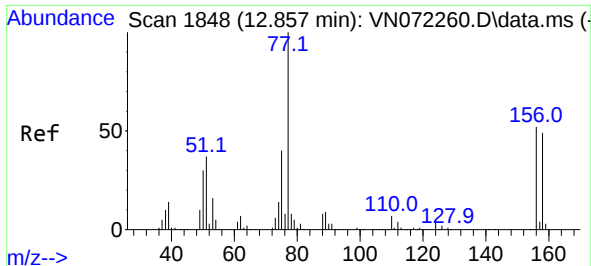


#76
1,2,3-Trichloropropane
Concen: 19.987 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



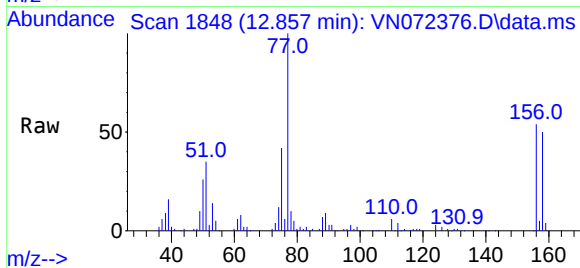
Tgt Ion: 75 Resp: 74992
Ion Ratio Lower Upper
75 100
77 191.5 98.5 295.5





#77
Bromobenzene
Concen: 19.155 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

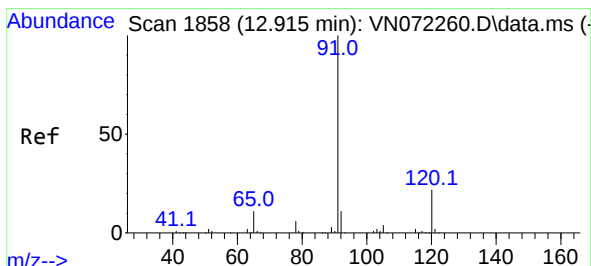
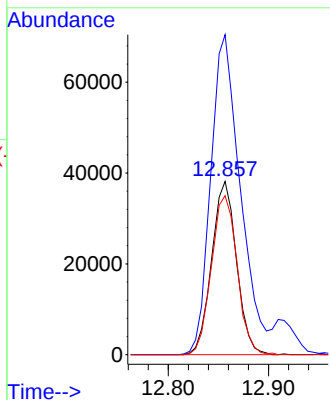
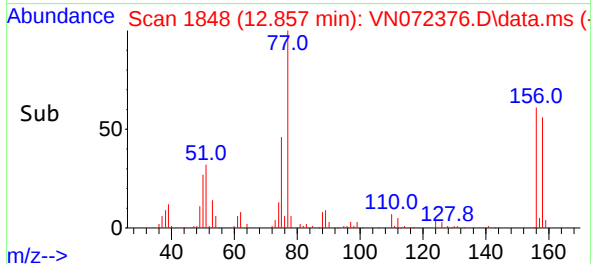
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



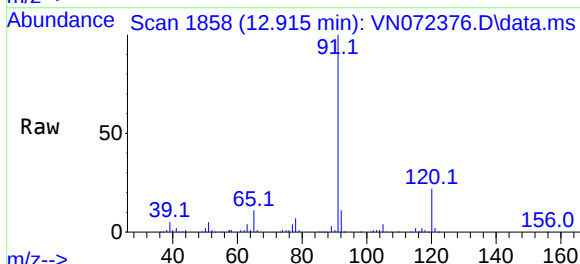
Tgt Ion:156 Resp: 65600
Ion Ratio Lower Upper
156 100
77 218.9 100.5 301.5
158 94.8 48.9 146.6

Manual Integrations
APPROVED

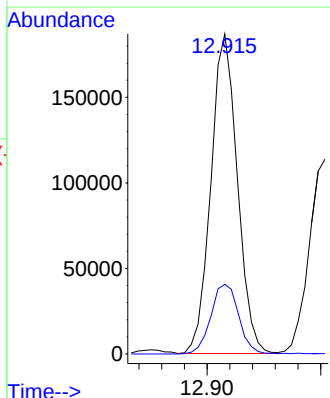
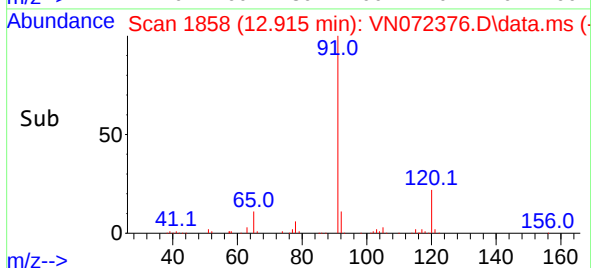
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

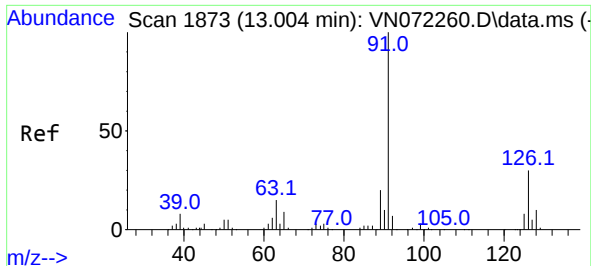


#78
n-propylbenzene
Concen: 18.942 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion: 91 Resp: 302228
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5





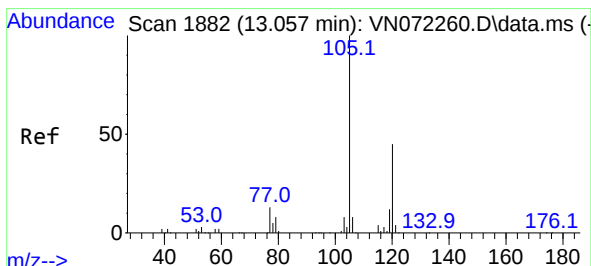
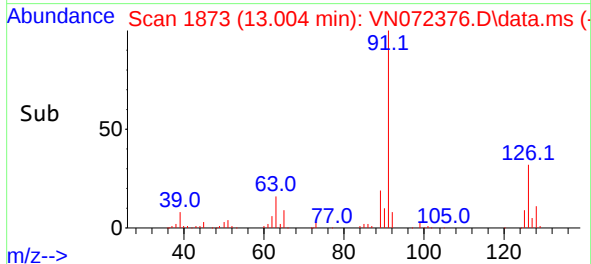
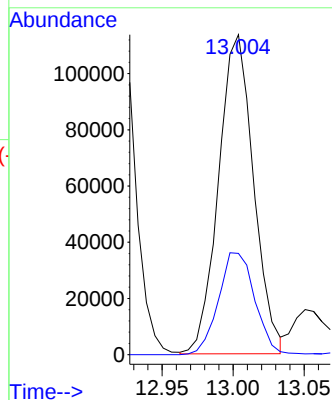
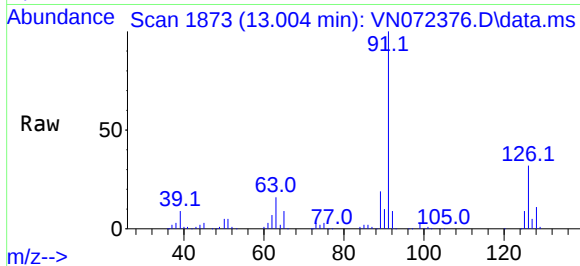
#79
2-Chlorotoluene
Concen: 18.601 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 91 Resp: 194934
Ion Ratio Lower Upper
91 100
126 33.2 17.3 51.9

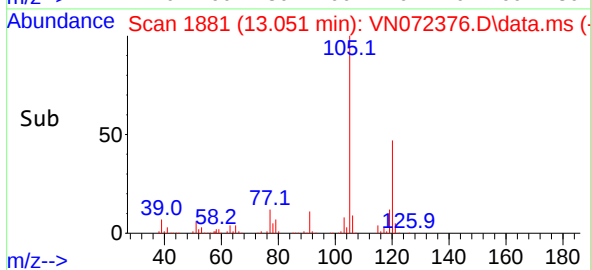
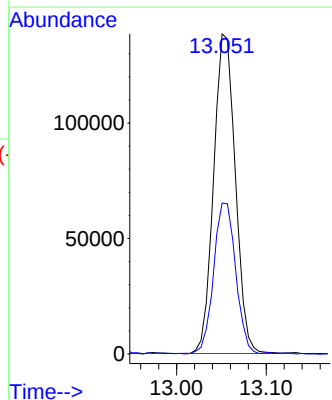
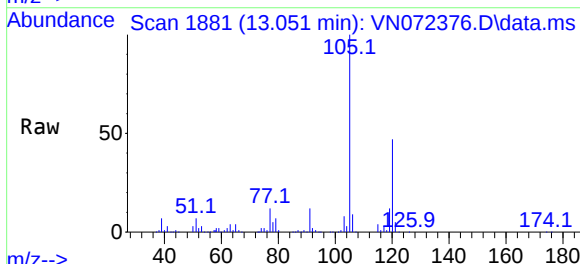
Manual Integrations
APPROVED

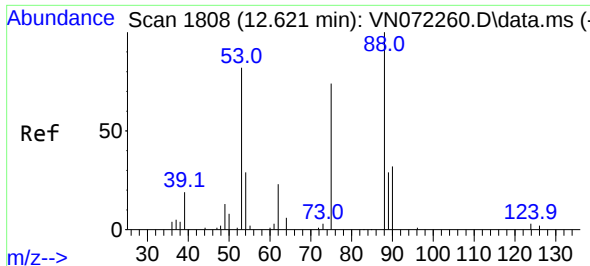
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.263 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

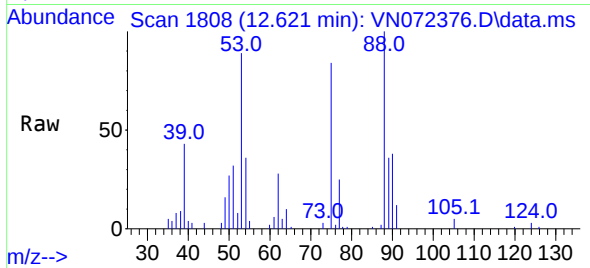
Tgt Ion:105 Resp: 232348
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.703 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

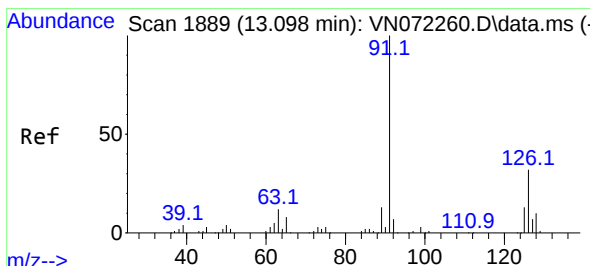
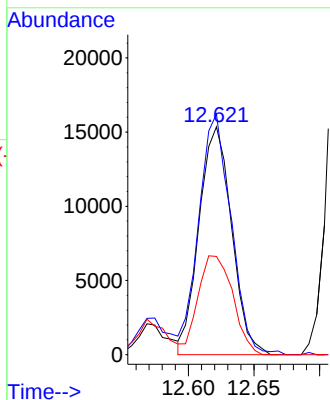
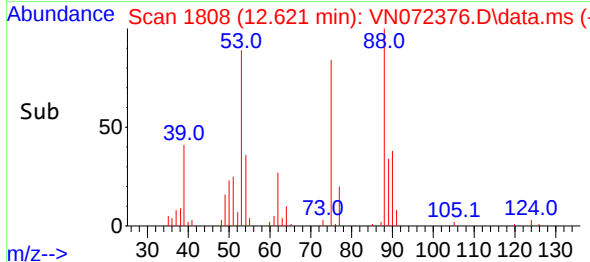
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



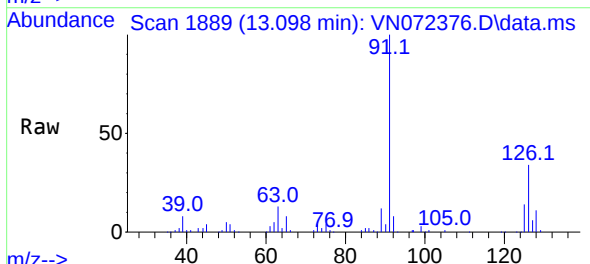
Tgt Ion: 75 Resp: 2652
Ion Ratio Lower Upper
75 100
53 104.5 78.0 117.0
89 46.5 37.2 55.8

Manual Integrations
APPROVED

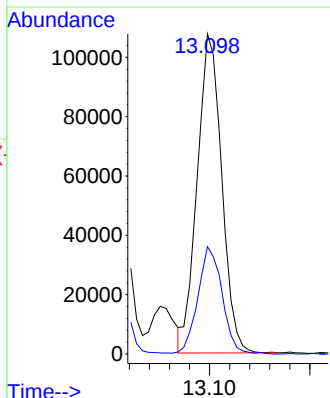
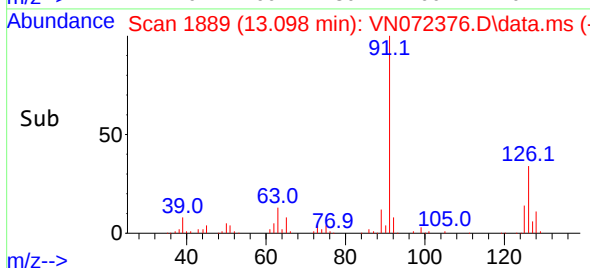
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

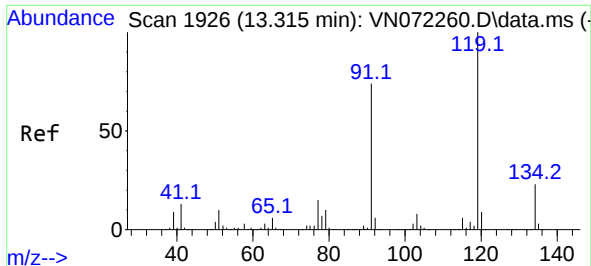


#82
4-Chlorotoluene
Concen: 18.726 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion: 91 Resp: 182679
Ion Ratio Lower Upper
91 100
126 33.3 17.2 51.6





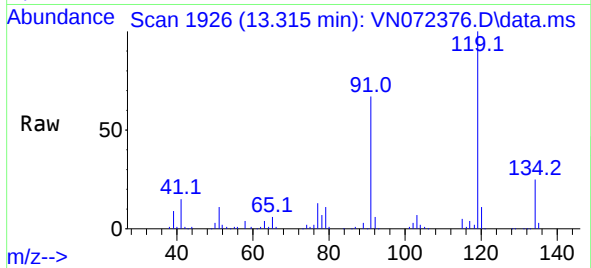
#83
tert-Butylbenzene
Concen: 19.365 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01



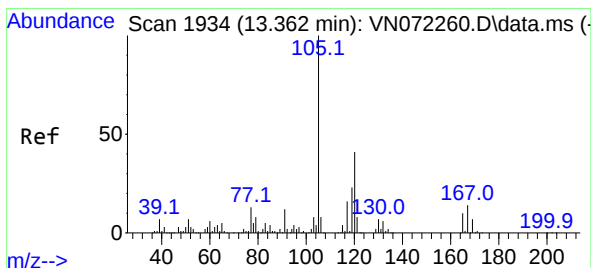
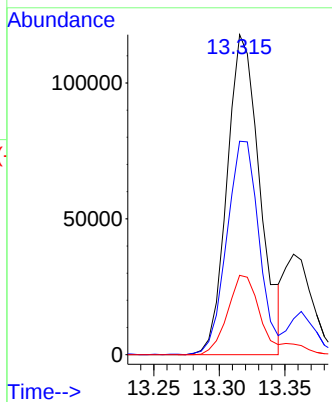
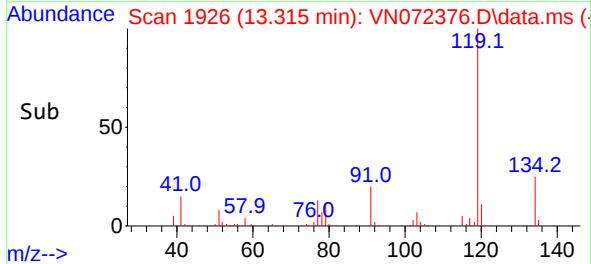
Tgt Ion:119 Resp: 205070
Ion Ratio Lower Upper
119 100
91 65.5 31.6 94.8
134 26.5 13.7 41.1

Manual Integrations

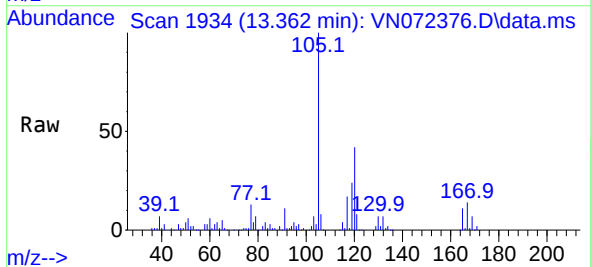
APPROVED

Reviewed By :John Carlone 05/10/2022

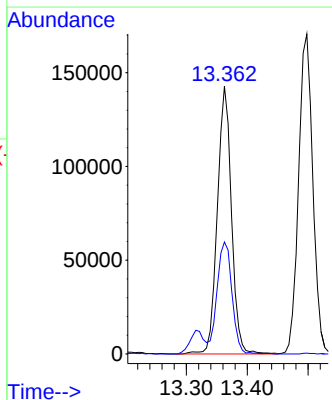
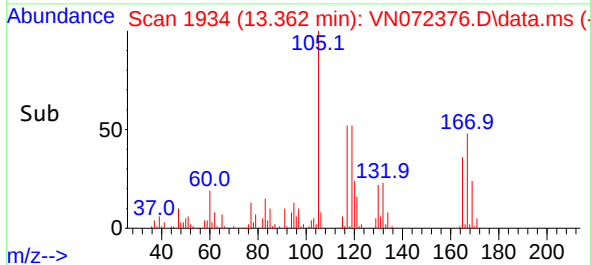
Supervised By :Mahesh Dadoda 05/10/2022

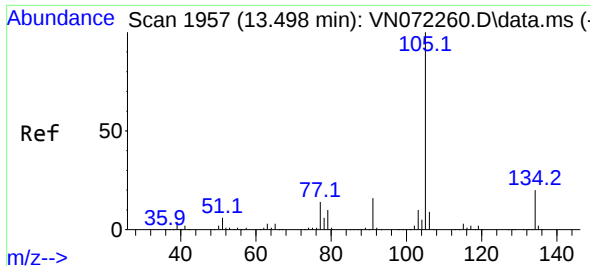


#84
1,2,4-Trimethylbenzene
Concen: 19.681 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion:105 Resp: 229681
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8





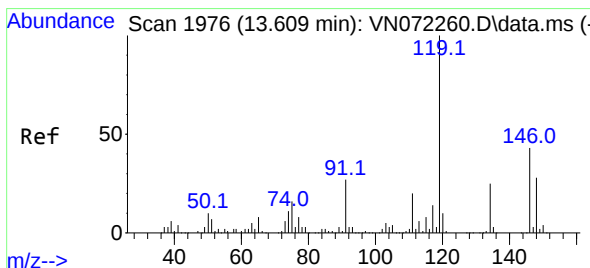
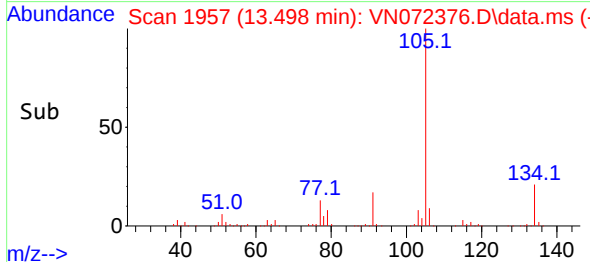
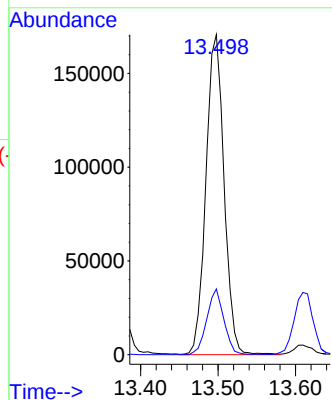
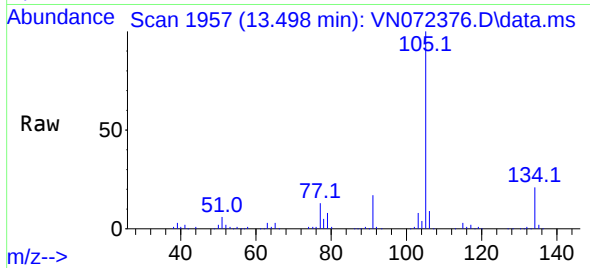
#85
 sec-Butylbenzene
 Concen: 20.107 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072376.D
 Acq: 09 May 2022 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01

Tgt Ion:105 Resp: 277608
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

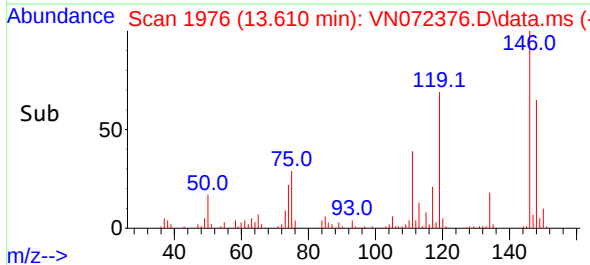
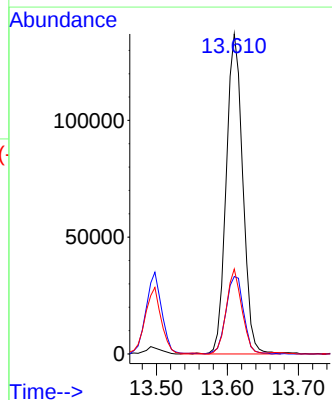
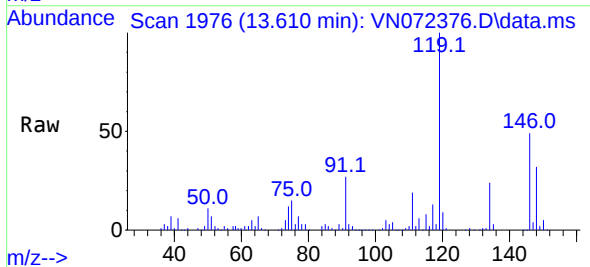
Manual Integrations
 APPROVED

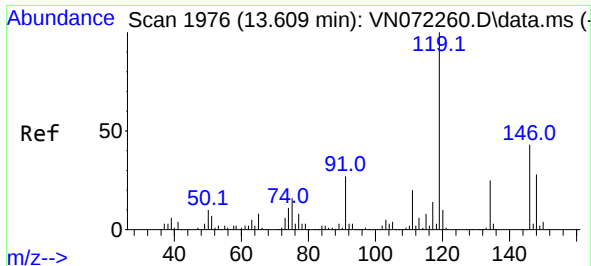
Reviewed By :John Carbone 05/10/2022
 Supervised By :Mahesh Dadoda 05/10/2022



#86
 p-Isopropyltoluene
 Concen: 20.569 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072376.D
 Acq: 09 May 2022 13:57

Tgt Ion:119 Resp: 221408
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 24.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.110 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072376.D

Acq: 09 May 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD01

Tgt Ion:146 Resp: 11147

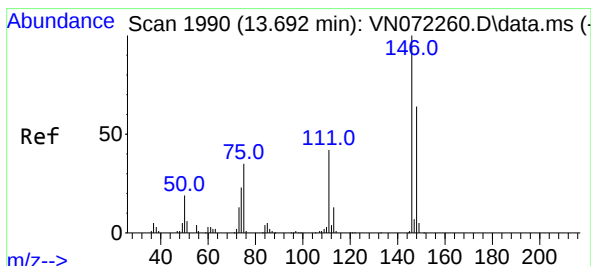
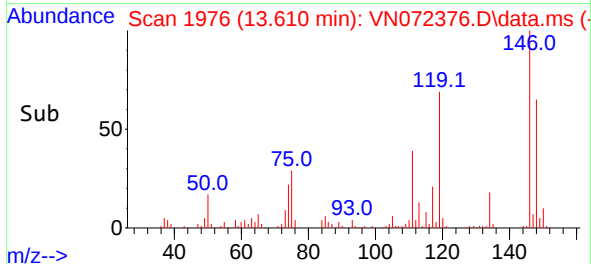
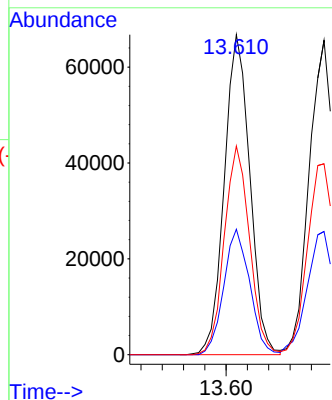
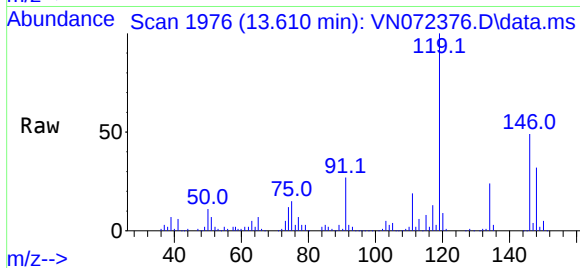
Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	64.5	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#88

1,4-Dichlorobenzene

Concen: 20.486 ug/l

RT: 13.692 min Scan# 1990

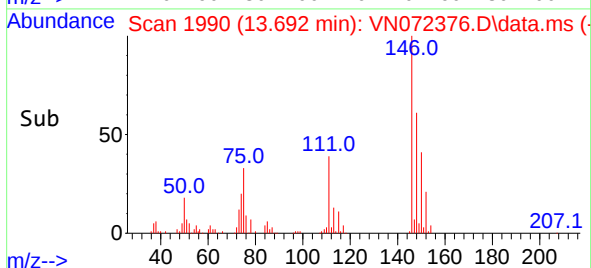
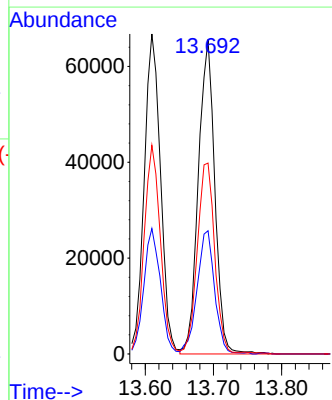
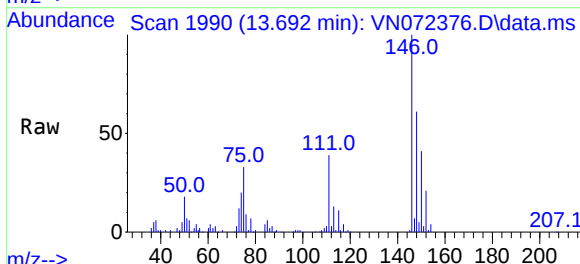
Delta R.T. -0.000 min

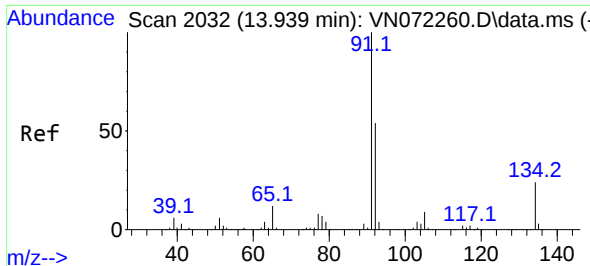
Lab File: VN072376.D

Acq: 09 May 2022 13:57

Tgt Ion:146 Resp: 110435

Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.1	57.1
148	64.7	31.4	94.3





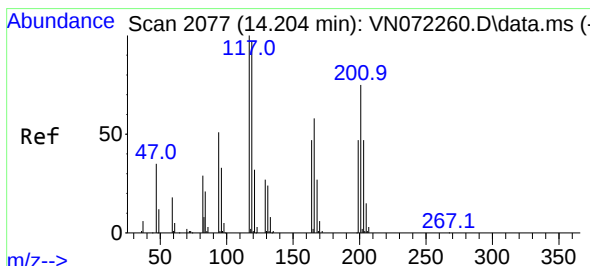
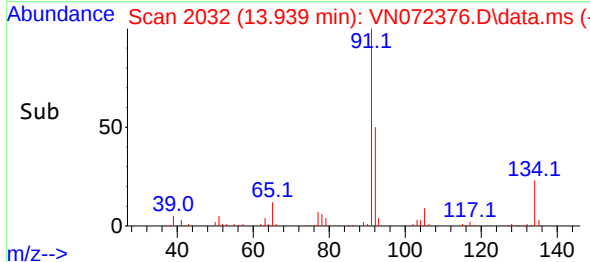
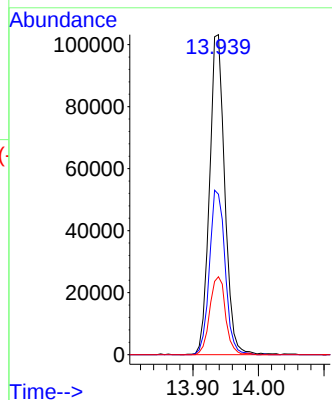
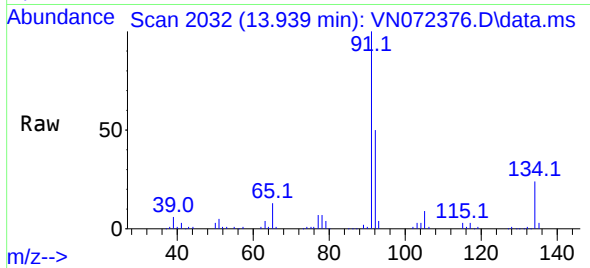
#89
n-Butylbenzene
Concen: 20.271 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01

Tgt Ion: 91 Resp: 167130
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 25.3 13.6 40.8

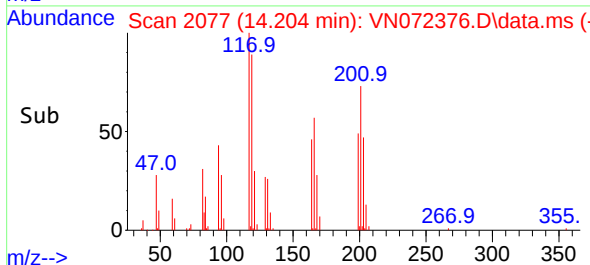
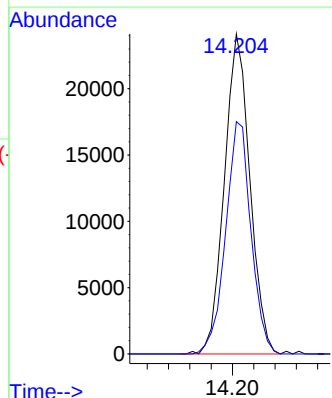
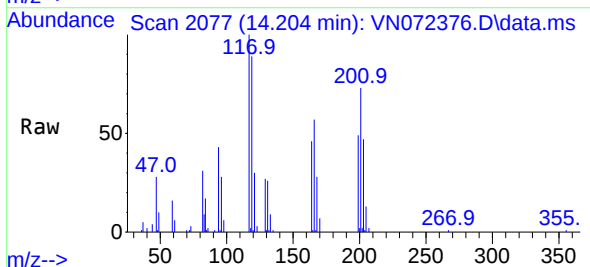
Manual Integrations
APPROVED

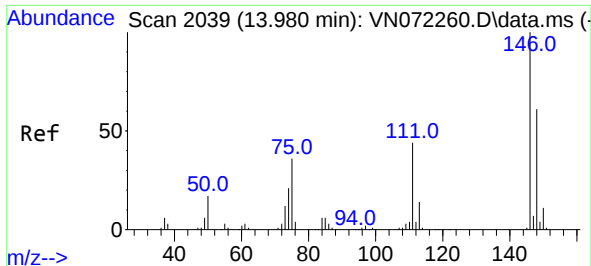
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#90
Hexachloroethane
Concen: 17.140 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

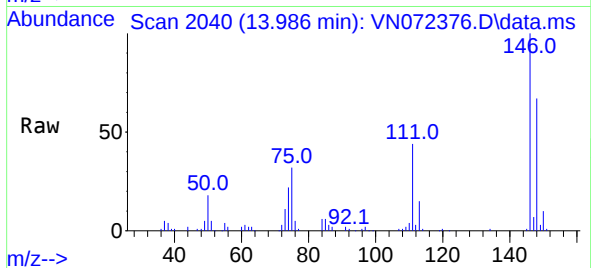
Tgt Ion:117 Resp: 40050
Ion Ratio Lower Upper
117 100
201 72.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.462 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

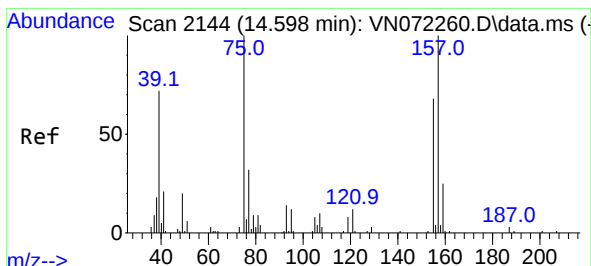
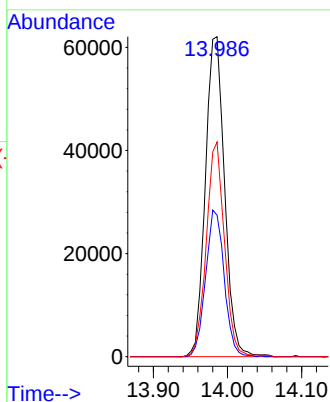
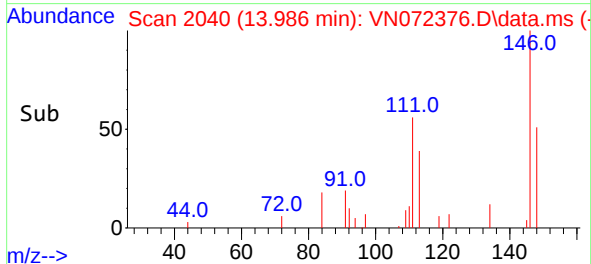
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



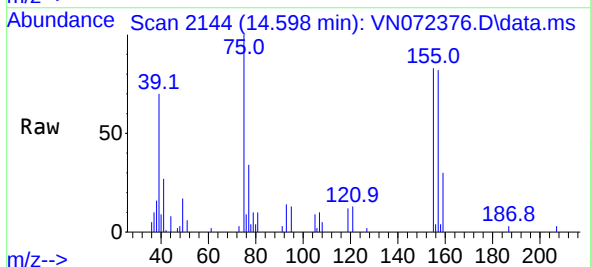
Tgt Ion:146 Resp: 111798
Ion Ratio Lower Upper
146 100
111 44.3 20.9 62.8
148 63.7 32.1 96.3

Manual Integrations
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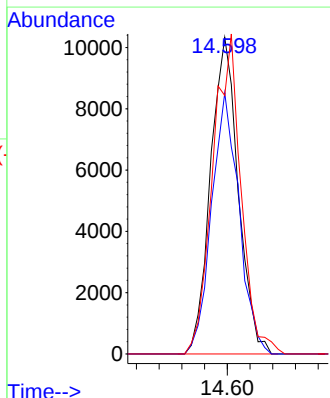
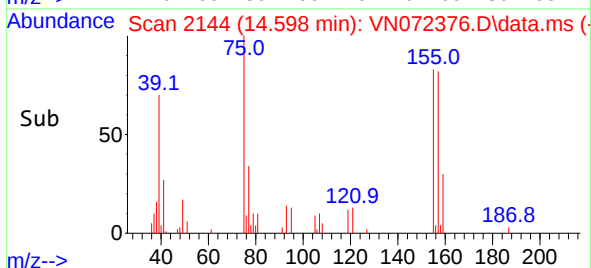
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

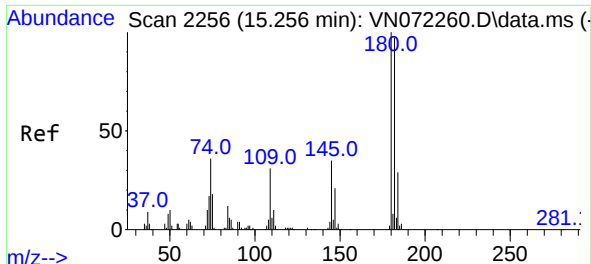


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.516 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



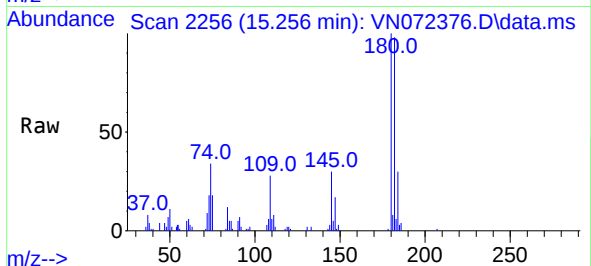
Tgt Ion: 75 Resp: 17545
Ion Ratio Lower Upper
75 100
155 81.5 44.9 134.5
157 102.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 19.099 ug/l
RT: 15.256 min Scan# 211
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

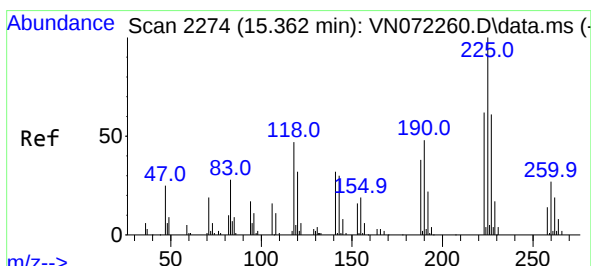
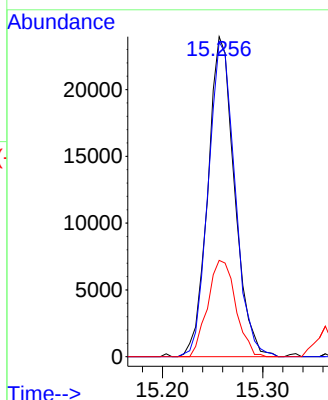
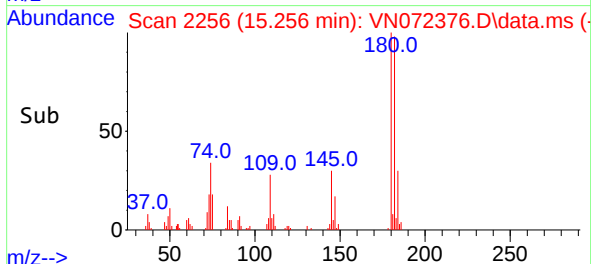
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



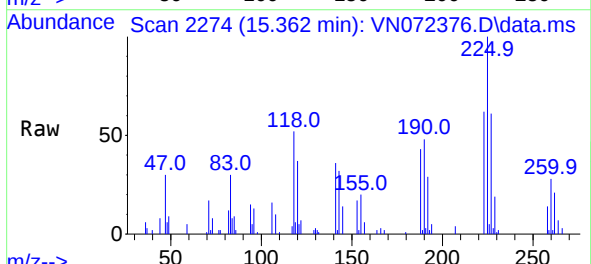
Tgt Ion:180 Resp: 44270
Ion Ratio Lower Upper
180 100
182 98.5 47.5 142.5
145 31.6 14.5 43.5

Manual Integrations
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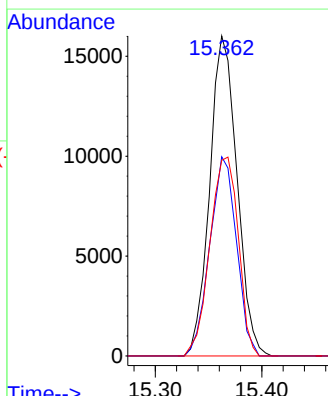
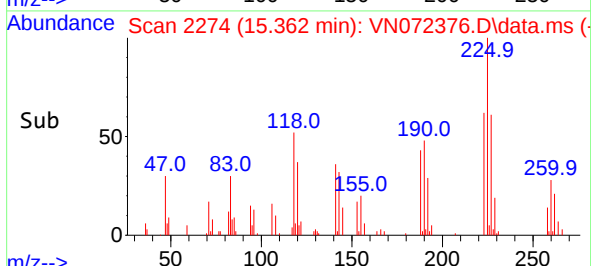
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

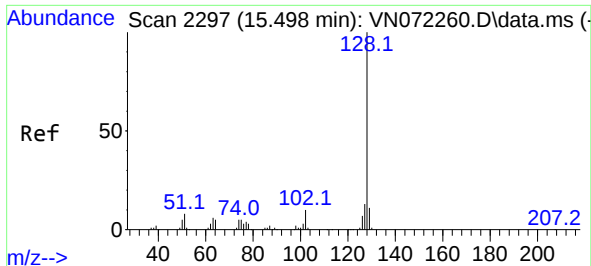


#94
Hexachlorobutadiene
Concen: 19.491 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



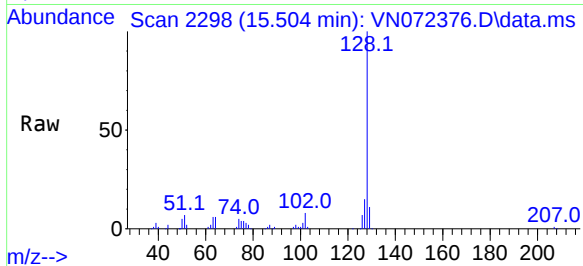
Tgt Ion:225 Resp: 28536
Ion Ratio Lower Upper
225 100
223 60.9 32.4 97.2
227 64.6 31.8 95.4





#95
Naphthalene
Concen: 17.789 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57

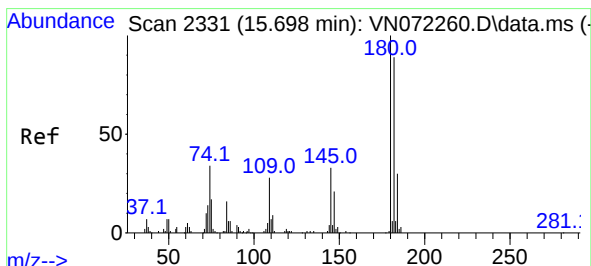
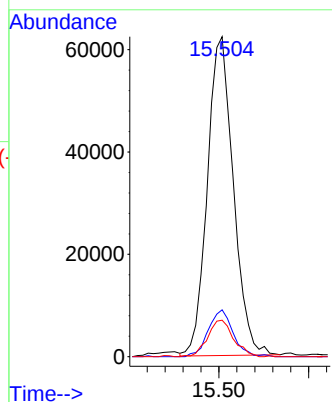
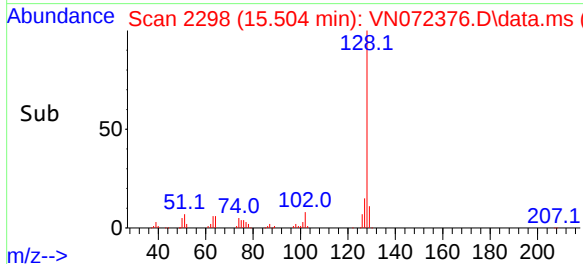
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD01



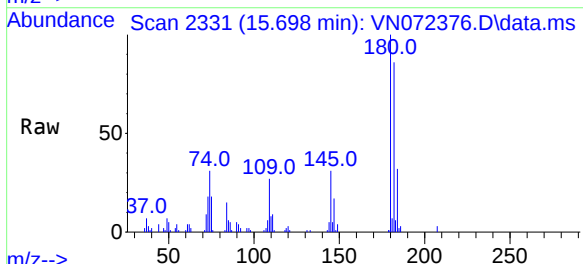
Tgt Ion:128 Resp: 125354
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.031 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072376.D
Acq: 09 May 2022 13:57



Tgt Ion:180 Resp: 46161
Ion Ratio Lower Upper
180 100
182 91.9 47.8 143.3
145 33.6 15.5 46.5

