

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072391.D
 Acq On : 10 May 2022 14:18
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 10 15:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:27:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	240385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	396582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	361781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	151673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	70169	19.309	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	38.620%#		
35) Dibromofluoromethane	8.016	113	50006	19.708	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	39.420%#		
50) Toluene-d8	10.439	98	191862	19.356	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	38.720%#		
62) 4-Bromofluorobenzene	12.727	95	64470	19.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	39.260%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	60374	20.016	ug/l	98
3) Chloromethane	2.299	50	59913	16.419	ug/l	94
4) Vinyl Chloride	2.440	62	51400	19.002	ug/l	98
5) Bromomethane	2.840	94	30143	20.197	ug/l	98
6) Chloroethane	3.010	64	28318	16.362	ug/l	95
7) Trichlorofluoromethane	3.369	101	96550	20.242	ug/l	97
8) Diethyl Ether	3.828	74	34142	19.963	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	51902	20.733	ug/l	99
10) Methyl Iodide	4.422	142	70547	22.730	ug/l	91
11) Tert butyl alcohol	5.351	59	58449	97.801	ug/l #	88
12) 1,1-Dichloroethene	4.181	96	48291	20.892	ug/l	96
13) Acrolein	4.046	56	56958	93.486	ug/l	98
14) Allyl chloride	4.840	41	90660	19.166	ug/l	97
15) Acrylonitrile	5.551	53	168437	93.808	ug/l	99
16) Acetone	4.287	43	147072	93.679	ug/l	98
17) Carbon Disulfide	4.528	76	124564	20.732	ug/l #	95
18) Methyl Acetate	4.857	43	86207	17.375	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	178652	19.903	ug/l	96
20) Methylene Chloride	5.098	84	57929	19.025	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	51224	20.119	ug/l	100
22) Diisopropyl ether	6.492	45	188285	19.358	ug/l	98
23) Vinyl Acetate	6.434	43	793504	97.184	ug/l	96
24) 1,1-Dichloroethane	6.387	63	103031	18.883	ug/l	99
25) 2-Butanone	7.328	43	227281	91.159	ug/l	95
26) 2,2-Dichloropropane	7.322	77	85474	19.924	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	61413	19.869	ug/l	94
28) Bromochloromethane	7.657	49	40603	16.917	ug/l	88
29) Tetrahydrofuran	7.686	42	156637	95.649	ug/l	89
30) Chloroform	7.810	83	107748	19.536	ug/l	99
31) Cyclohexane	8.092	56	94271	19.087	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	97397	20.625	ug/l	99
36) 1,1-Dichloropropene	8.216	75	75454	20.191	ug/l	97
37) Ethyl Acetate	7.404	43	95327	19.566	ug/l	96
38) Carbon Tetrachloride	8.198	117	84898	20.990	ug/l	94
39) Methylcyclohexane	9.457	83	88901	21.201	ug/l	98
40) Benzene	8.457	78	228459	19.840	ug/l	100

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Quant Time: May 10 15:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:27:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	47568	19.593	ug/l	88
42) 1,2-Dichloroethane	8.528	62	92031	20.791	ug/l	97
43) Isopropyl Acetate	8.557	43	143291	17.906	ug/l	97
44) Trichloroethene	9.210	130	57861	21.294	ug/l	84
45) 1,2-Dichloropropane	9.486	63	59988	19.385	ug/l	98
46) Dibromomethane	9.575	93	41129	20.962	ug/l	94
47) Bromodichloromethane	9.757	83	85169	20.817	ug/l	95
48) Methyl methacrylate	9.557	41	70728	21.790	ug/l	92
49) 1,4-Dioxane	9.557	88	23686	420.142	ug/l #	94
51) 4-Methyl-2-Pentanone	10.327	43	464190	101.159	ug/l	93
52) Toluene	10.498	92	144759	20.989	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	84194	20.417	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	93056	20.905	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	60205	20.880	ug/l	97
56) Ethyl methacrylate	10.757	69	88212	20.737	ug/l	87
57) 1,3-Dichloropropane	11.039	76	102169	20.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	90427	91.871	ug/l	95
59) 2-Hexanone	11.080	43	327658	101.406	ug/l	91
60) Dibromochloromethane	11.233	129	62611	21.020	ug/l	99
61) 1,2-Dibromoethane	11.339	107	59482	20.819	ug/l	99
64) Tetrachloroethene	10.975	164	53073	23.661	ug/l	93
65) Chlorobenzene	11.763	112	149830	20.383	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.839	131	57003	20.538	ug/l	98
67) Ethyl Benzene	11.839	91	265576	20.826	ug/l	100
68) m/p-Xylenes	11.951	106	205667	43.179	ug/l	95
69) o-Xylene	12.274	106	101640	22.024	ug/l	96
70) Styrene	12.292	104	156377	21.546	ug/l	97
71) Bromoform	12.451	173	43401	20.893	ug/l #	97
73) Isopropylbenzene	12.574	105	261048	19.595	ug/l	98
74) N-amyl acetate	12.380	43	91316	18.571	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	86605	16.848	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	77748m	17.606	ug/l	
77) Bromobenzene	12.851	156	60044	18.897	ug/l	93
78) n-propylbenzene	12.916	91	282068	19.279	ug/l	97
79) 2-Chlorotoluene	13.004	91	178399	18.552	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	214561	19.280	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	22633	17.589	ug/l	90
82) 4-Chlorotoluene	13.098	91	167377	18.713	ug/l	96
83) tert-Butylbenzene	13.321	119	191449	19.629	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	210764	19.685	ug/l	97
85) sec-Butylbenzene	13.498	105	250493	19.680	ug/l	98
86) p-Isopropyltoluene	13.610	119	199309	20.092	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	102311	19.869	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	99969	19.954	ug/l	96
89) n-Butylbenzene	13.939	91	145301	19.233	ug/l	97
90) Hexachloroethane	14.204	117	36656	17.082	ug/l	91
91) 1,2-Dichlorobenzene	13.980	146	105416	20.671	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.598	75	16179	17.647	ug/l	91
93) 1,2,4-Trichlorobenzene	15.262	180	40294	20.202	ug/l	98
94) Hexachlorobutadiene	15.362	225	24728	18.196	ug/l	97
95) Naphthalene	15.504	128	112736	19.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	40078	20.650	ug/l	96

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MSVOA_N
ClientSampleId :
VSTDICC020

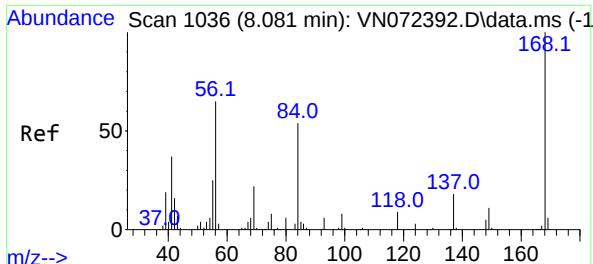
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

Quant Time: May 10 15:31:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:27:58 2022
Response via : Initial Calibration

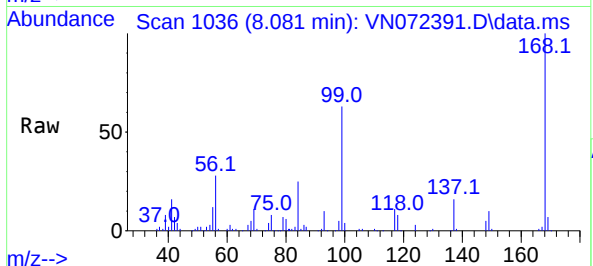
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

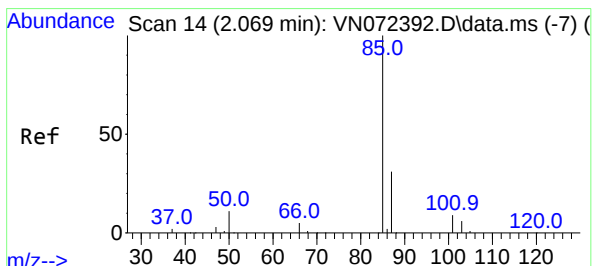
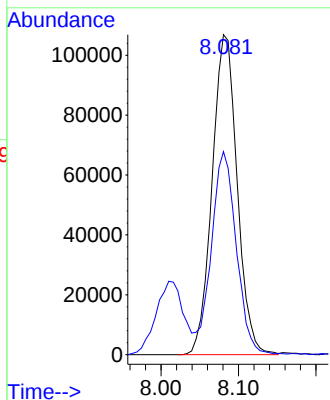
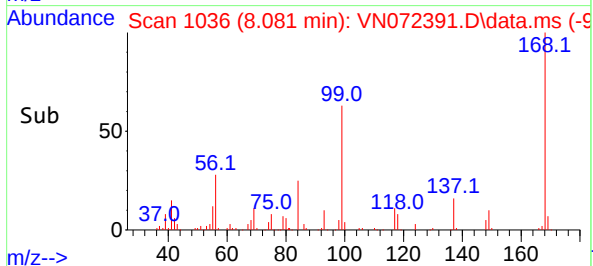
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



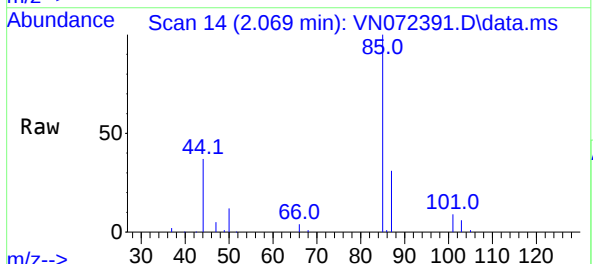
Tgt Ion:168 Resp: 240385
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5

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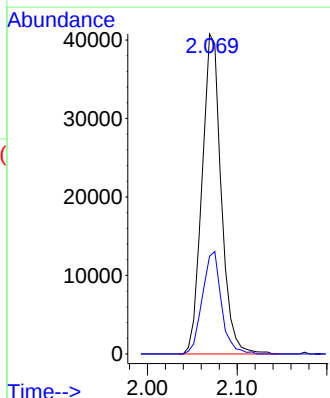
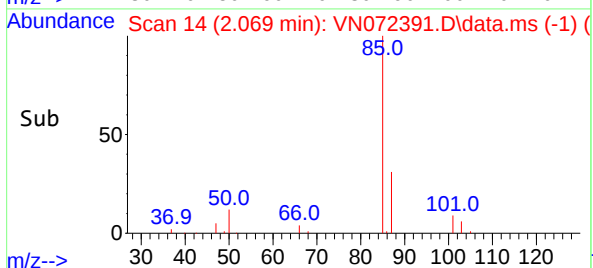
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

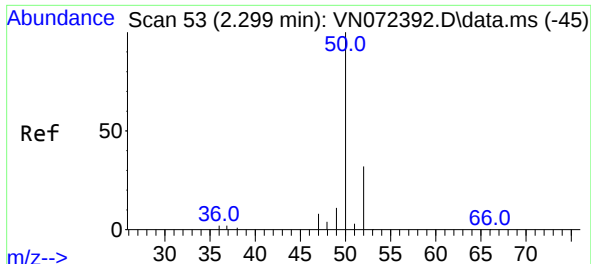


#2
Dichlorodifluoromethane
Concen: 20.016 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



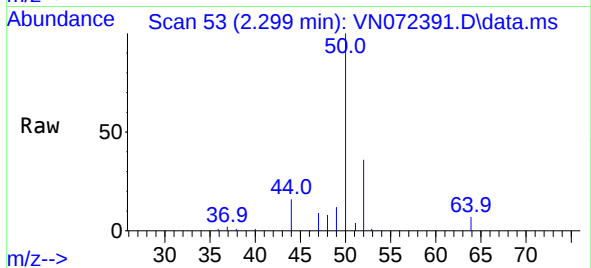
Tgt Ion: 85 Resp: 60374
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.1





#3
Chloromethane
Concen: 16.419 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

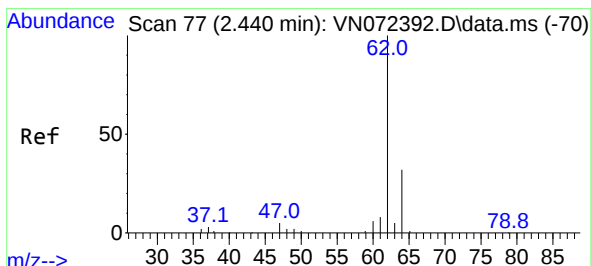
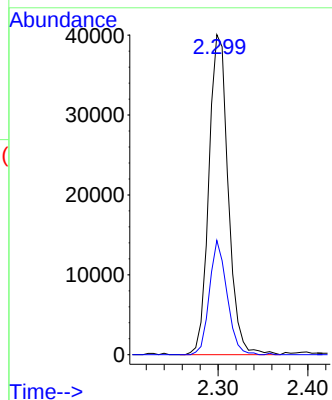
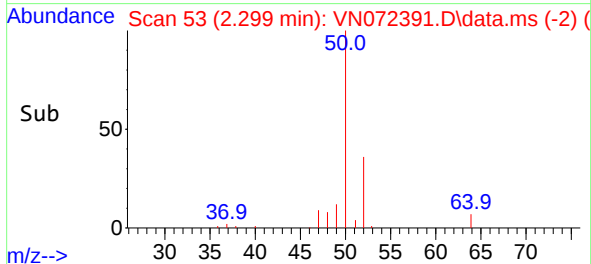
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 5991
Ion Ratio Lower Upper
50 100
52 35.7 25.7 38.5

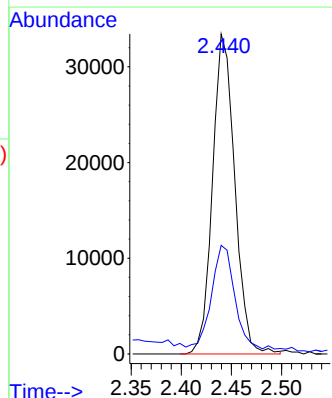
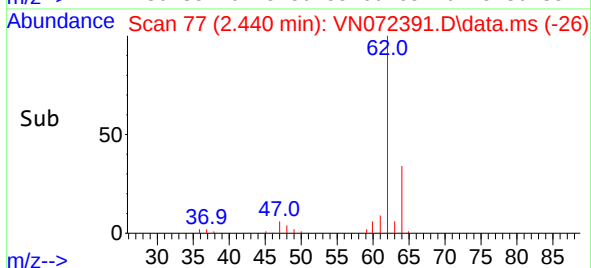
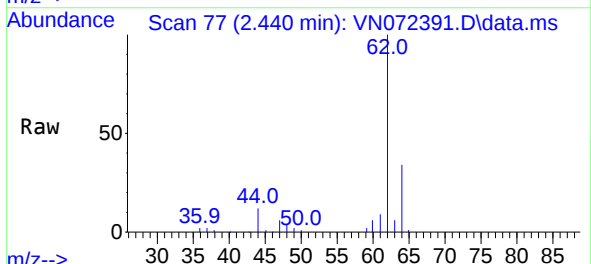
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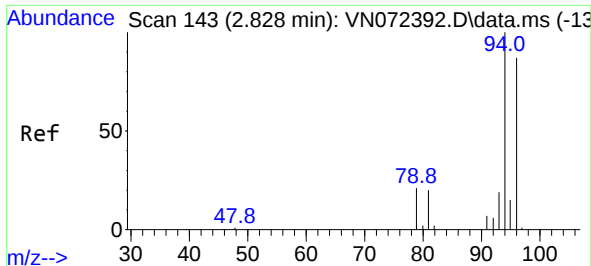
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#4
Vinyl Chloride
Concen: 19.002 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 62 Resp: 51400
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





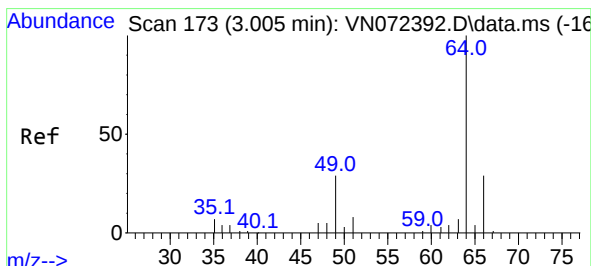
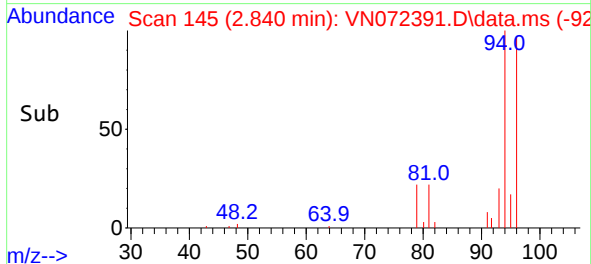
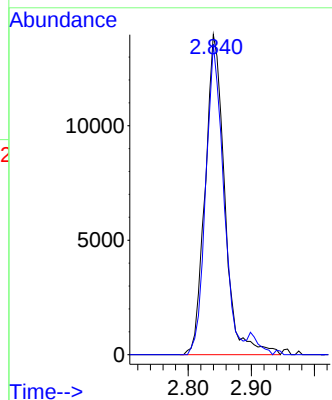
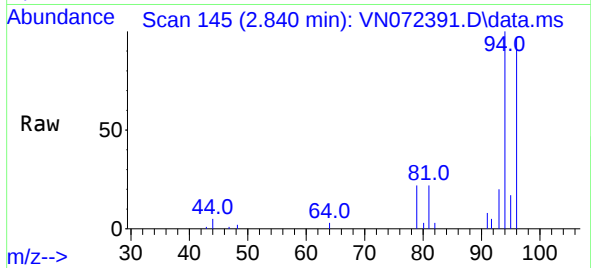
#5
Bromomethane
Concen: 20.197 ug/l
RT: 2.840 min Scan# 143
Delta R.T. 0.012 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 3014
Ion Ratio Lower Upper
94 100
96 97.0 76.0 114.0

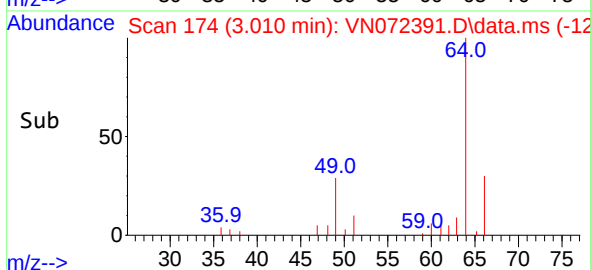
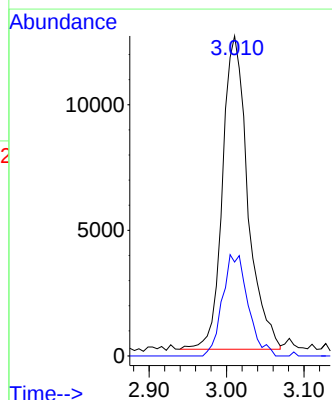
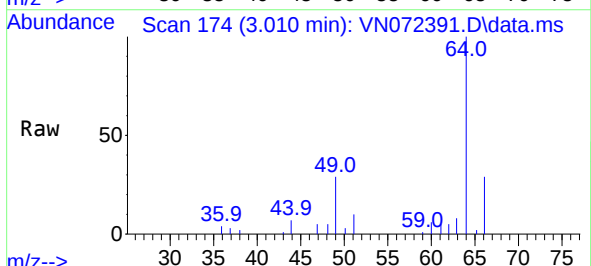
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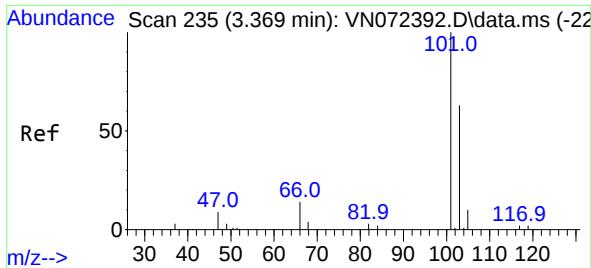
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#6
Chloroethane
Concen: 16.362 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 64 Resp: 28318
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.242 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

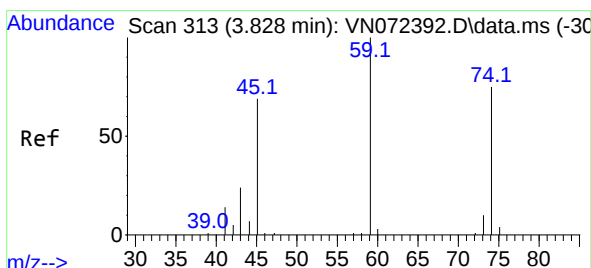
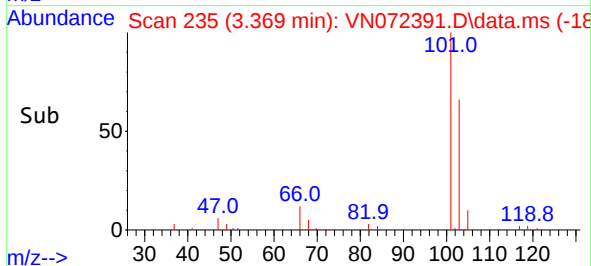
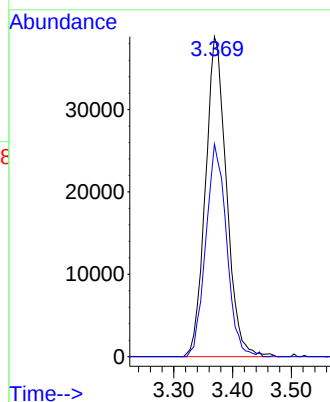
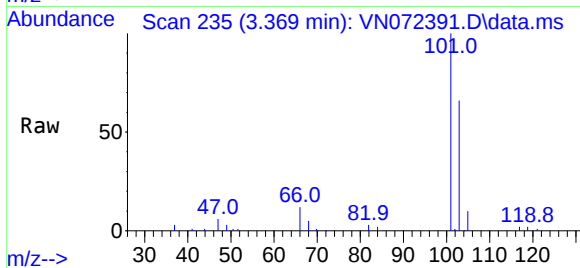
VSTDIC020

Tgt Ion:101 Resp: 96550
Ion Ratio Lower Upper
101 100
103 66.5 51.5 77.3

Manual Integrations

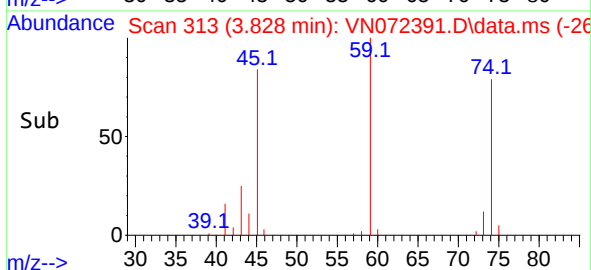
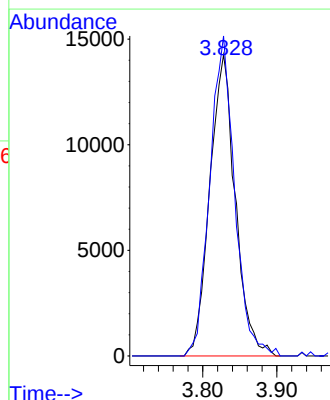
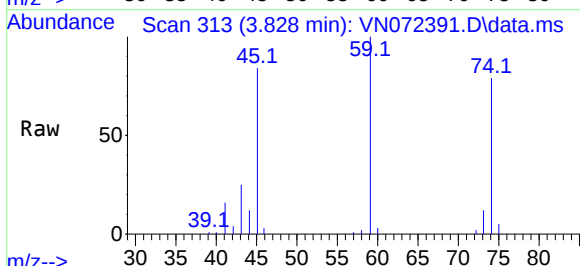
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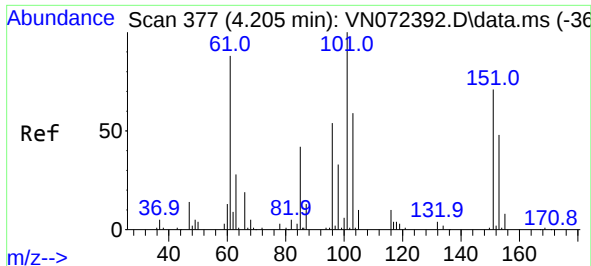
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#8
Diethyl Ether
Concen: 19.963 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 74 Resp: 34142
Ion Ratio Lower Upper
74 100
45 103.4 42.9 128.5





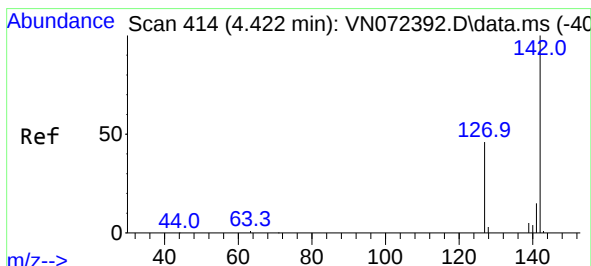
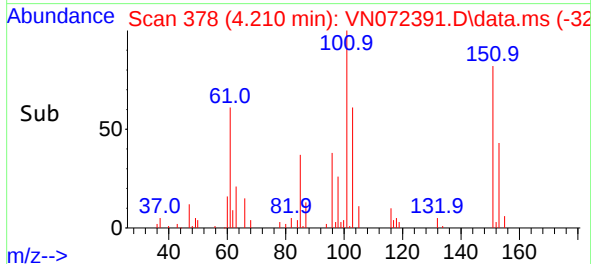
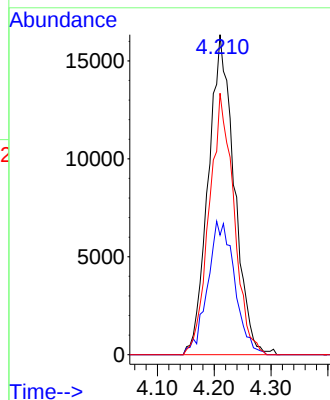
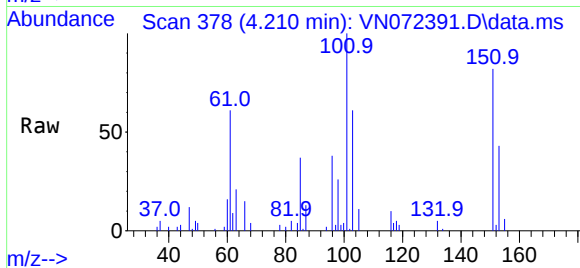
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.733 ug/l
RT: 4.210 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5190
Ion Ratio Lower Upper
101 100
85 43.5 34.7 52.1
151 77.8 63.0 94.4

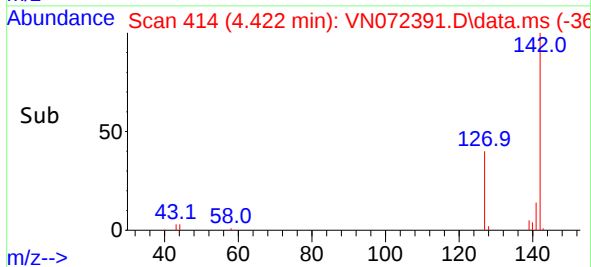
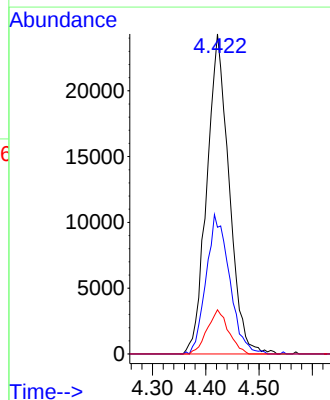
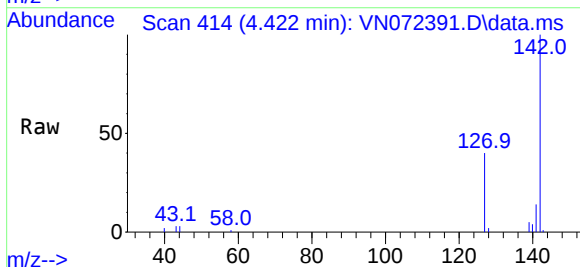
Manual Integrations
APPROVED

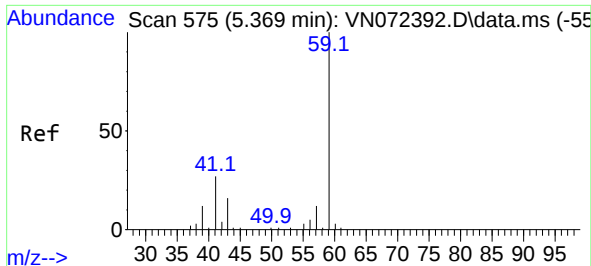
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#10
Methyl Iodide
Concen: 22.730 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

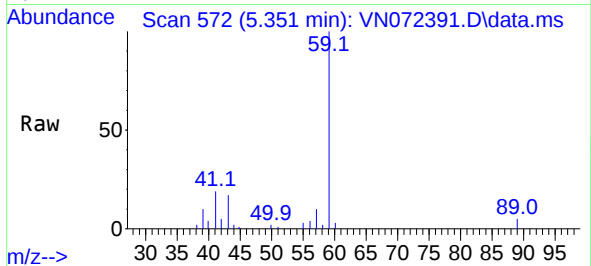
Tgt Ion:142 Resp: 70547
Ion Ratio Lower Upper
142 100
127 45.9 31.3 46.9
141 13.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 97.801 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

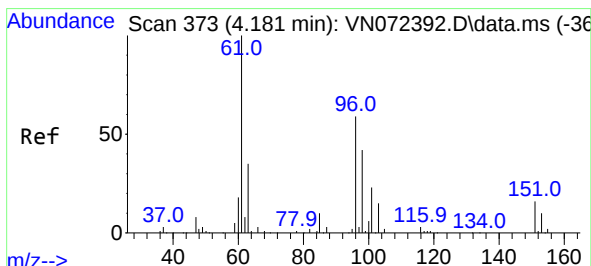
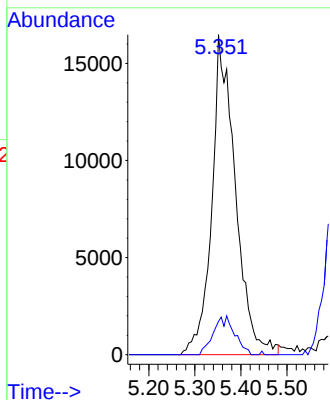
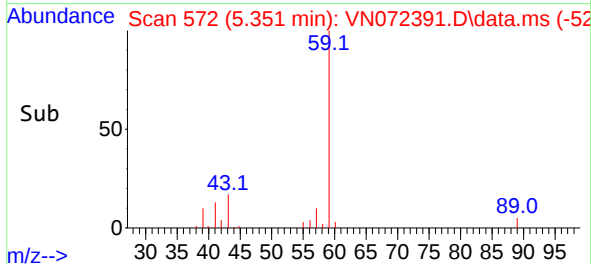
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



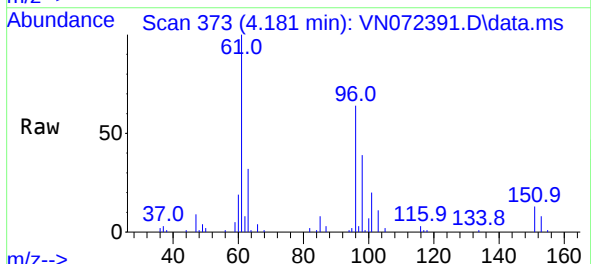
Tgt Ion: 59 Resp: 58449
Ion Ratio Lower Upper
59 100
57 5.8 8.3 12.5

Manual Integrations
APPROVED

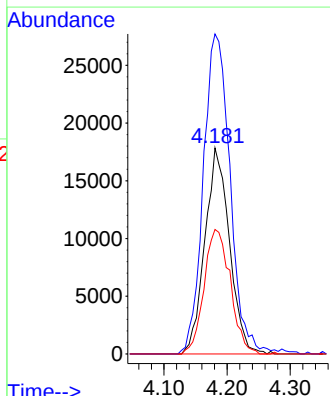
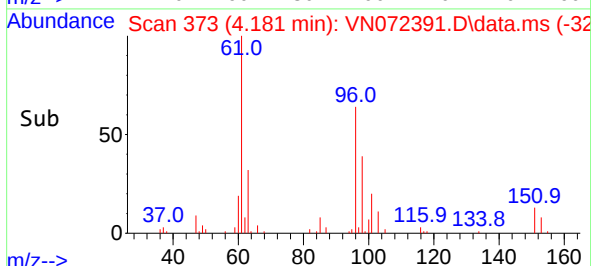
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

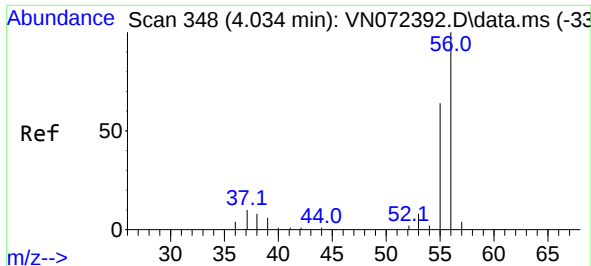


#12
1,1-Dichloroethene
Concen: 20.892 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion: 96 Resp: 48291
Ion Ratio Lower Upper
96 100
61 155.4 127.6 191.4
98 60.5 51.2 76.8





#13

Acrolein

Concen: 93.486 ug/l

RT: 4.046 min Scan# 3

Delta R.T. 0.012 min

Lab File: VN072391.D

Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 5695

Ion Ratio Lower Upper

56 100

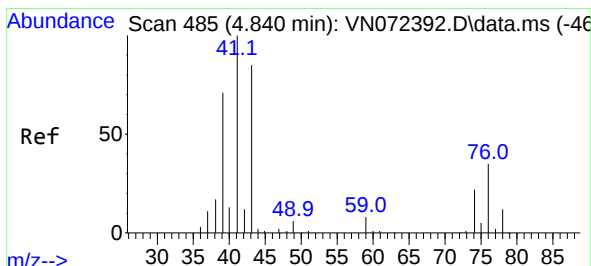
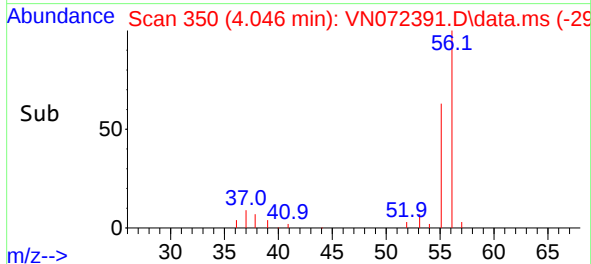
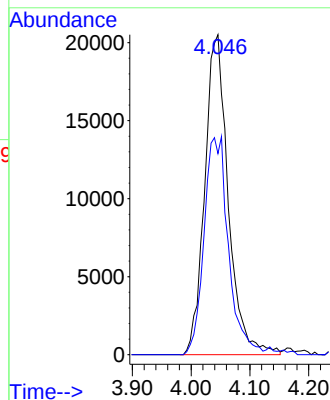
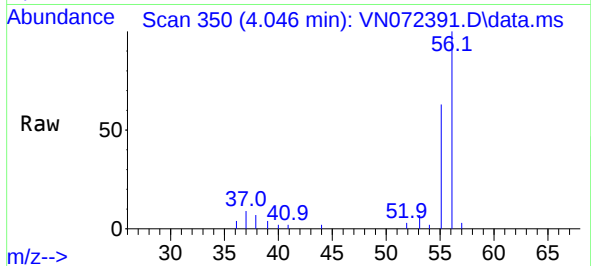
55 70.5 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#14

Allyl chloride

Concen: 19.166 ug/l

RT: 4.840 min Scan# 485

Delta R.T. -0.000 min

Lab File: VN072391.D

Acq: 10 May 2022 14:18

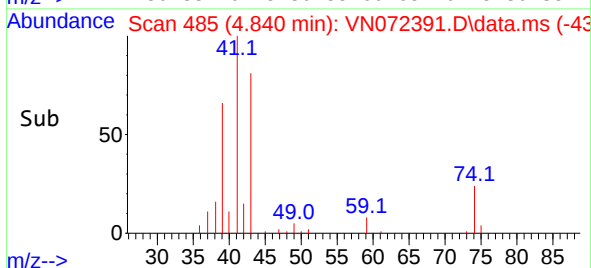
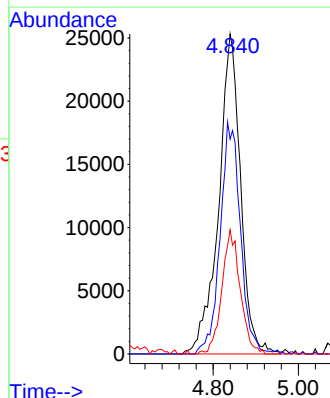
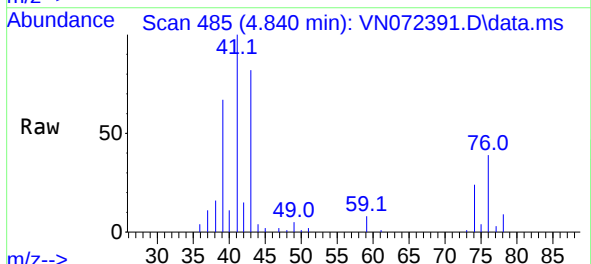
Tgt Ion: 41 Resp: 90660

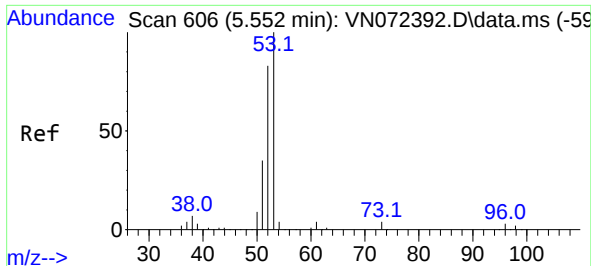
Ion Ratio Lower Upper

41 100

39 66.8 53.2 79.8

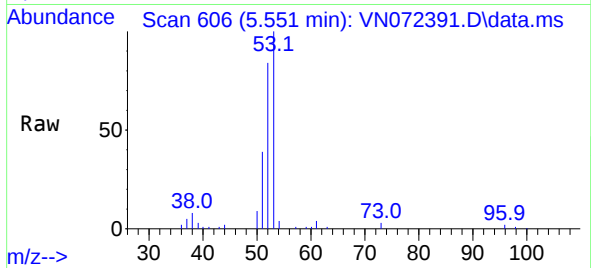
76 32.5 29.9 44.9





#15
Acrylonitrile
Concen: 93.808 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

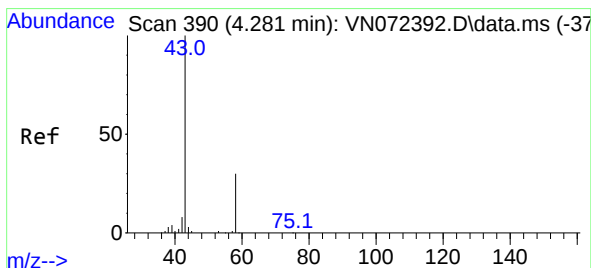
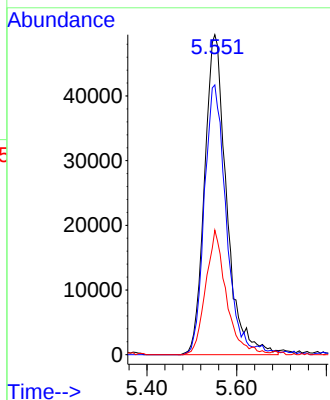
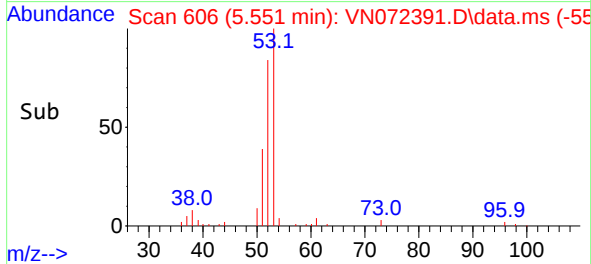
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 16843
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.8 28.5 42.7

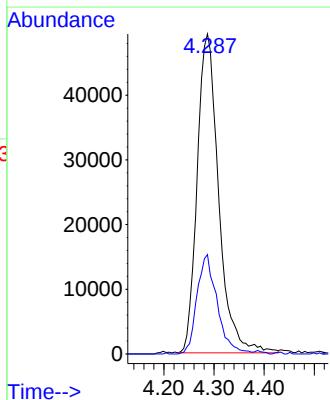
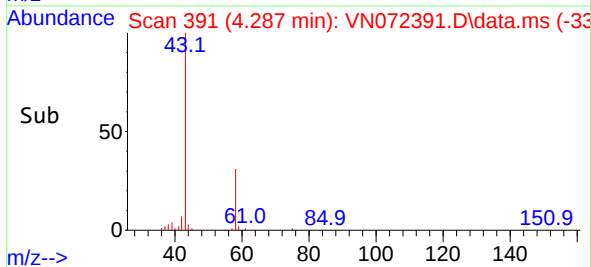
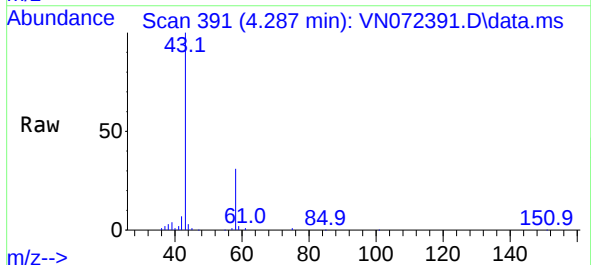
Manual Integrations
APPROVED

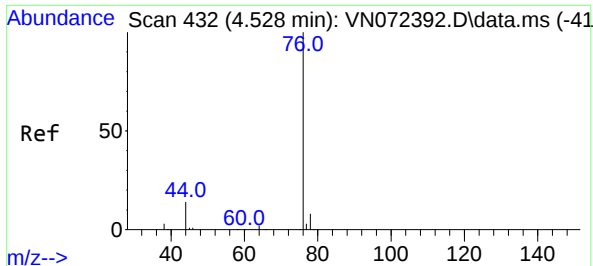
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#16
Acetone
Concen: 93.679 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

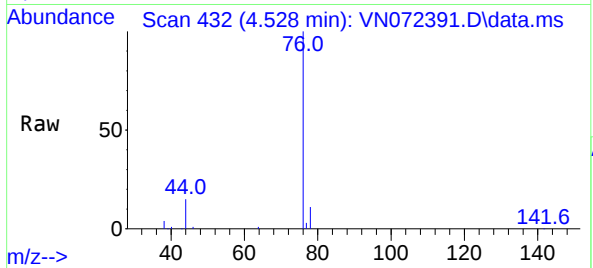
Tgt Ion: 43 Resp: 147072
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0





#17
Carbon Disulfide
Concen: 20.732 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

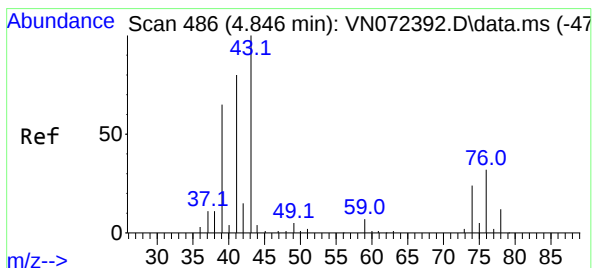
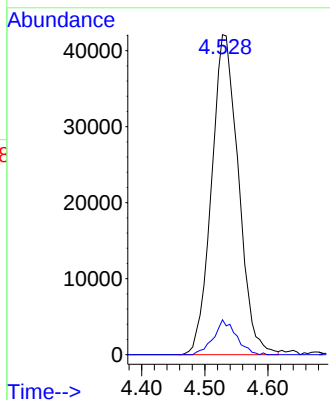
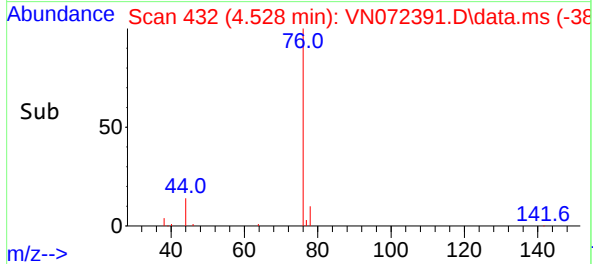
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



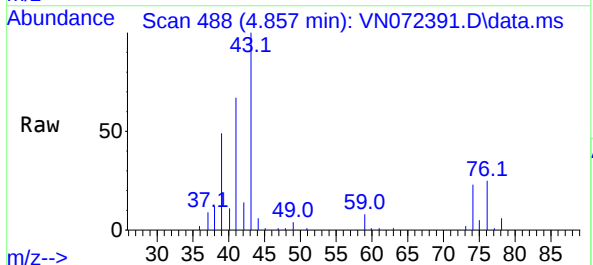
Tgt Ion: 76 Resp: 124564
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8

Manual Integrations
APPROVED

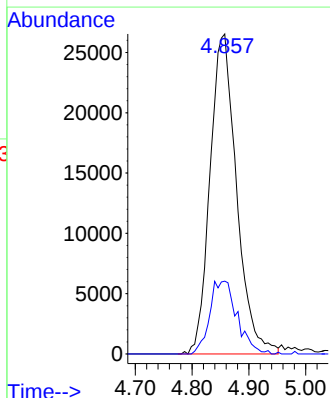
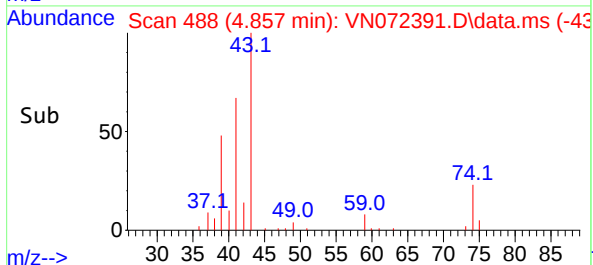
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

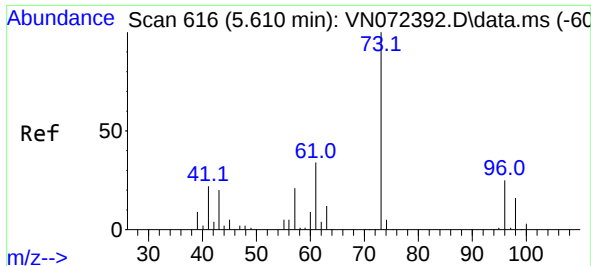


#18
Methyl Acetate
Concen: 17.375 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



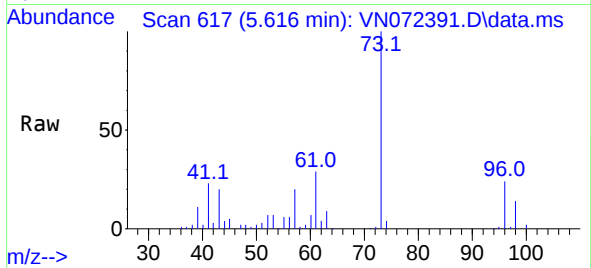
Tgt Ion: 43 Resp: 86207
Ion Ratio Lower Upper
43 100
74 23.6 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 19.903 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

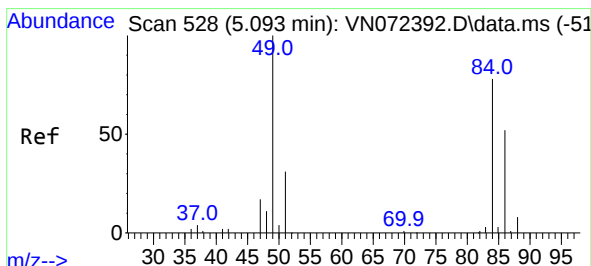
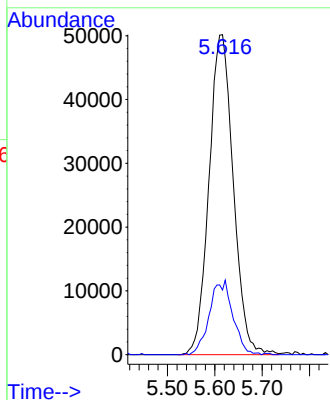
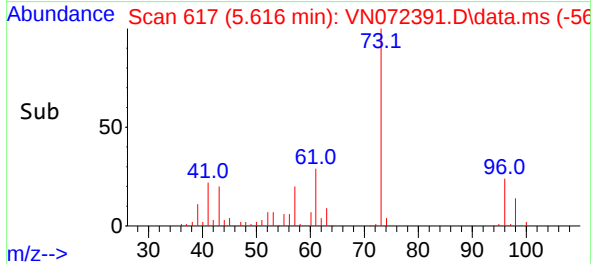
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



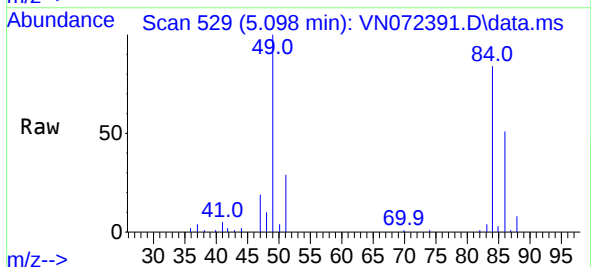
Tgt Ion: 73 Resp: 178652
Ion Ratio Lower Upper
73 100
57 20.2 17.6 26.4

Manual Integrations
APPROVED

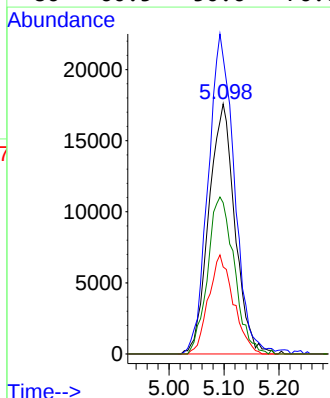
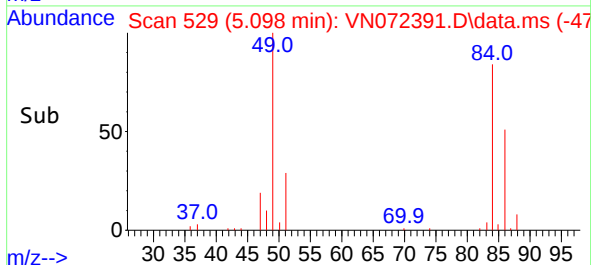
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

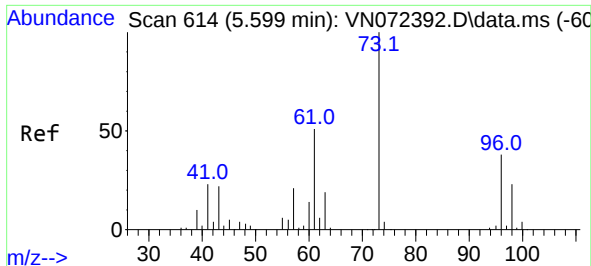


#20
Methylene Chloride
Concen: 19.025 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



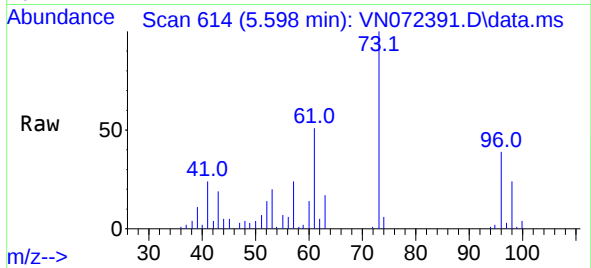
Tgt Ion: 84 Resp: 57929
Ion Ratio Lower Upper
84 100
49 118.7 88.3 132.5
51 34.8 28.2 42.2
86 60.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 20.119 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

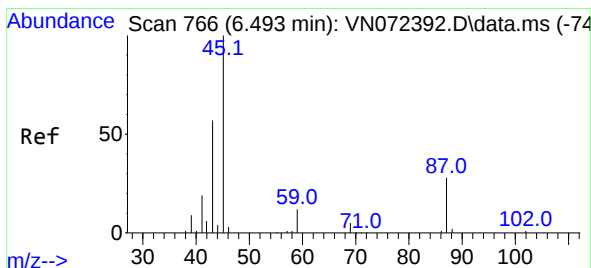
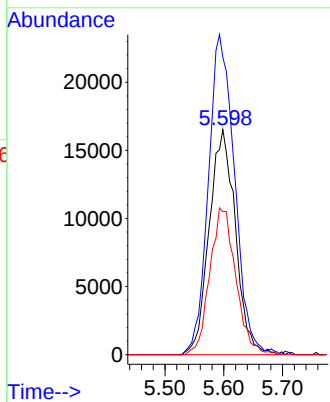
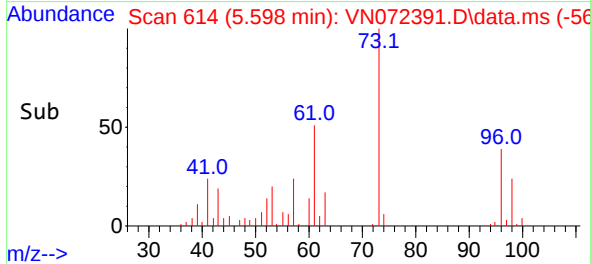
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



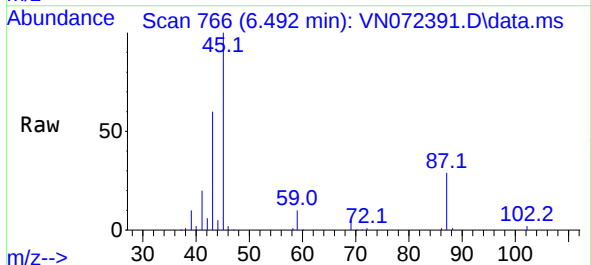
Tgt Ion: 96 Resp: 51224
Ion Ratio Lower Upper
96 100
61 132.1 105.8 158.8
98 63.5 50.3 75.5

Manual Integrations
APPROVED

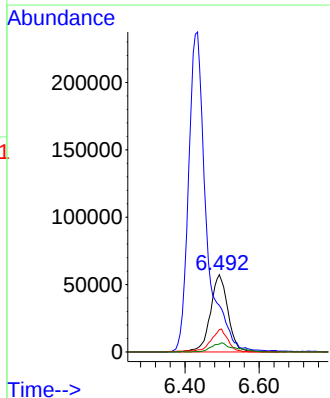
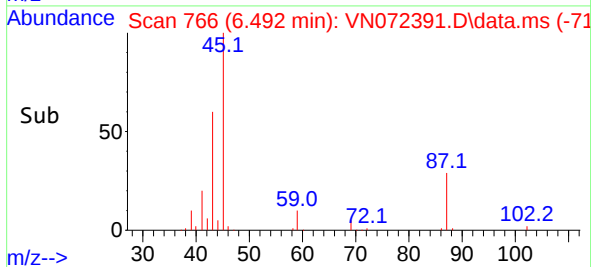
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

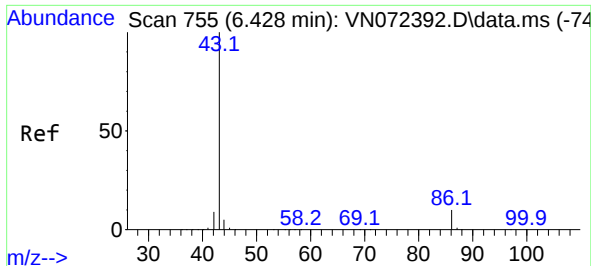


#22
Diisopropyl ether
Concen: 19.358 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion: 45 Resp: 188285
Ion Ratio Lower Upper
45 100
43 59.1 46.6 70.0
87 29.0 24.3 36.5
59 10.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 97.184 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN072391.D
 Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

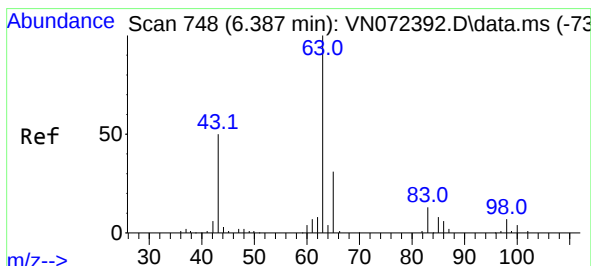
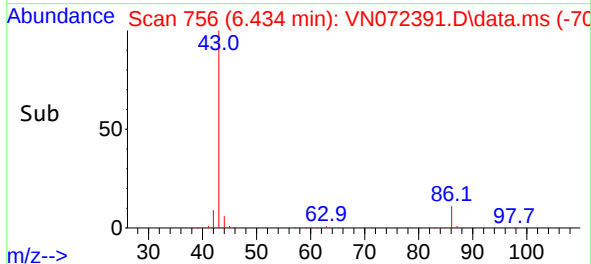
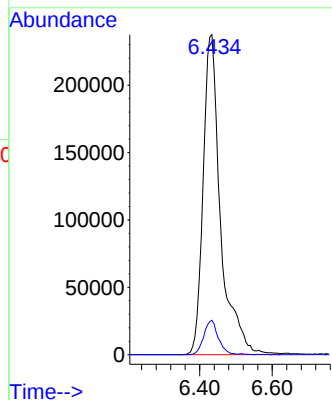
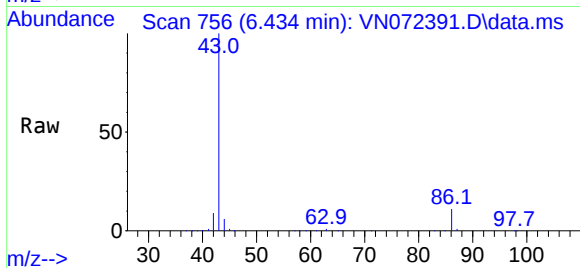
VSTDICC020

Tgt Ion: 43 Resp: 793504
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.0 15.0

Manual Integrations

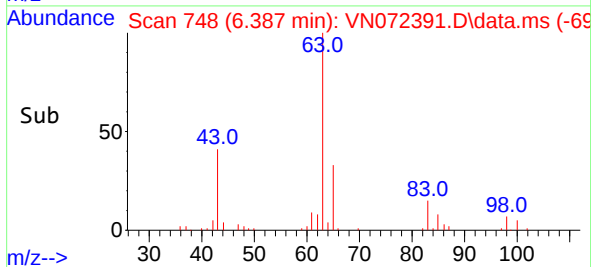
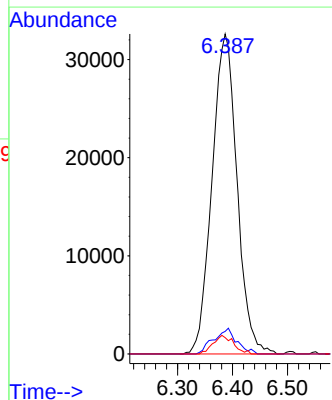
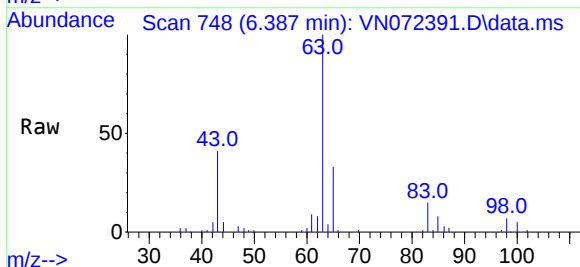
APPROVED

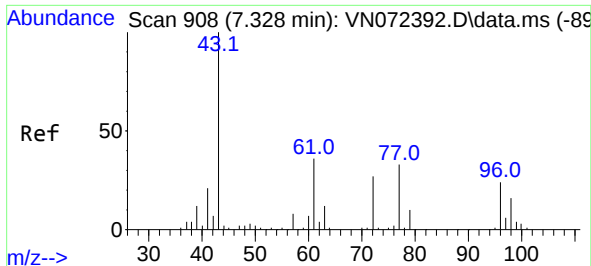
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#24
 1,1-Dichloroethane
 Concen: 18.883 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072391.D
 Acq: 10 May 2022 14:18

Tgt Ion: 63 Resp: 103031
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 5.1 2.3 6.8





#25

2-Butanone

Concen: 91.159 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072391.D

Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 22728

Ion Ratio Lower Upper

43 100

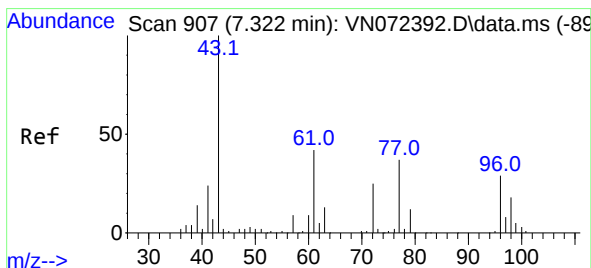
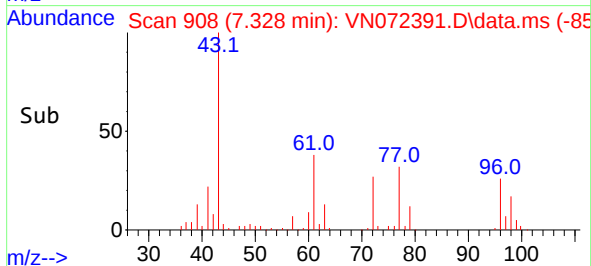
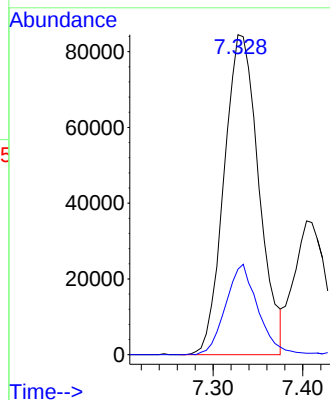
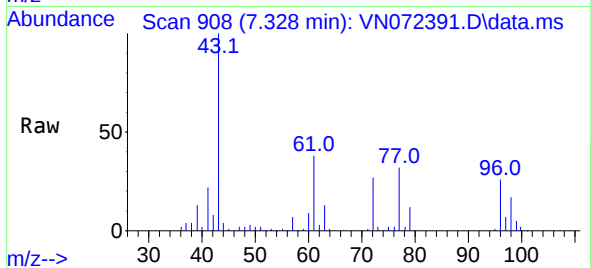
72 26.7 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#26

2,2-Dichloropropane

Concen: 19.924 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072391.D

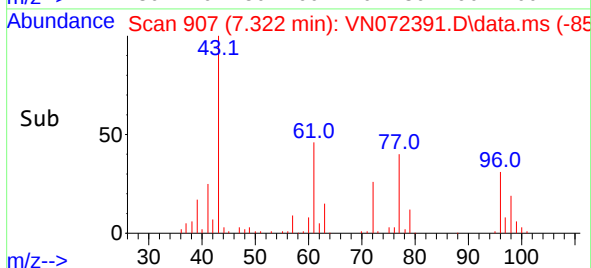
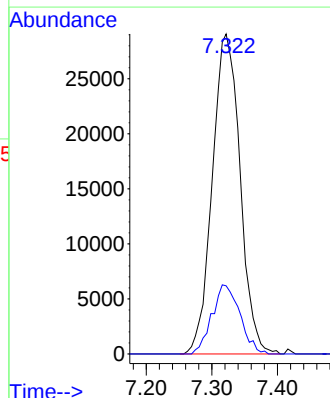
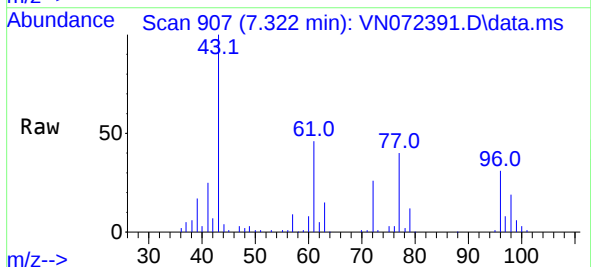
Acq: 10 May 2022 14:18

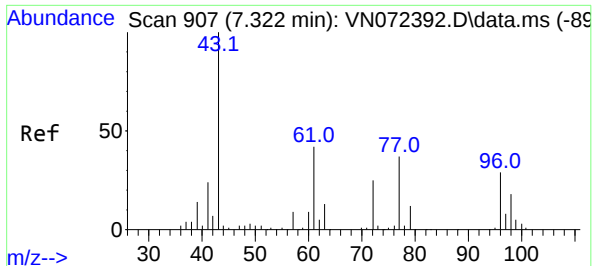
Tgt Ion: 77 Resp: 85474

Ion Ratio Lower Upper

77 100

97 21.8 11.4 34.2





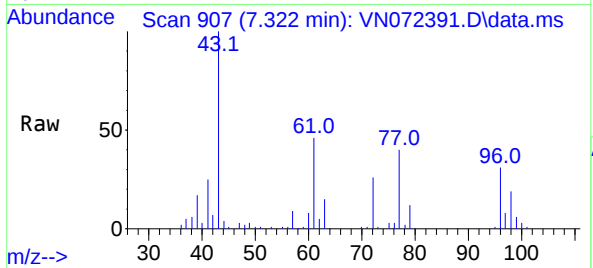
#27
 cis-1,2-Dichloroethene
 Concen: 19.869 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072391.D
 Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

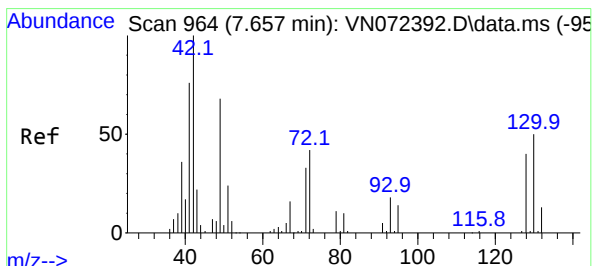
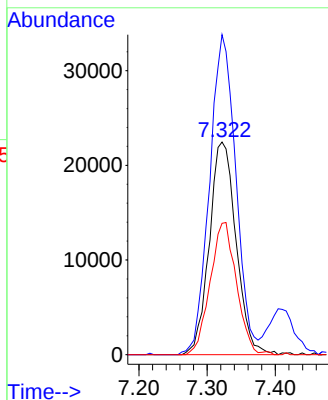
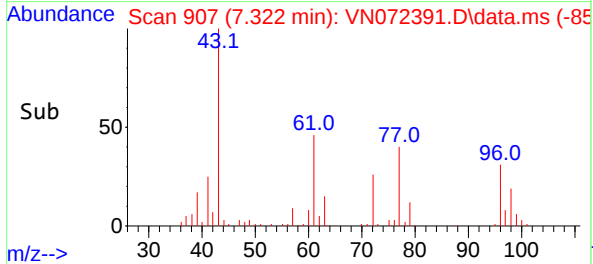


Tgt Ion: 96 Resp: 6141
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 280.6
 98 61.2 0.0 128.4

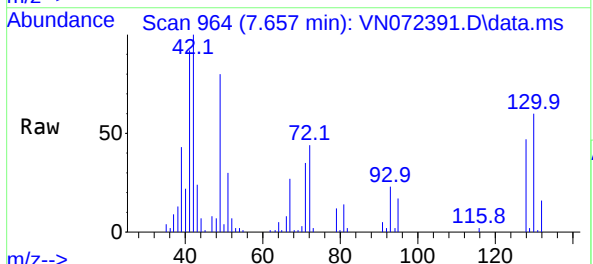
Manual Integrations

APPROVED

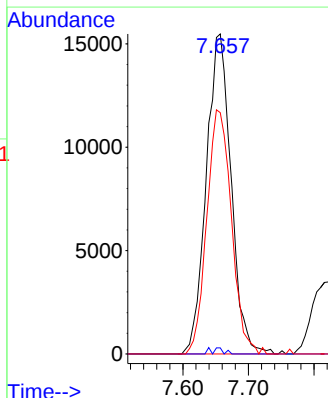
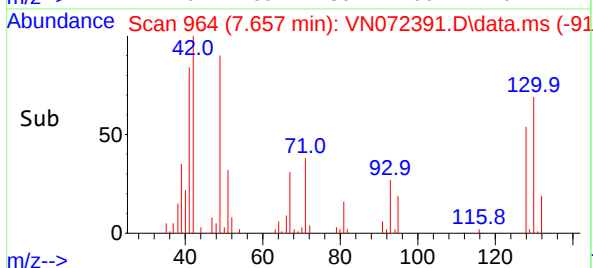
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

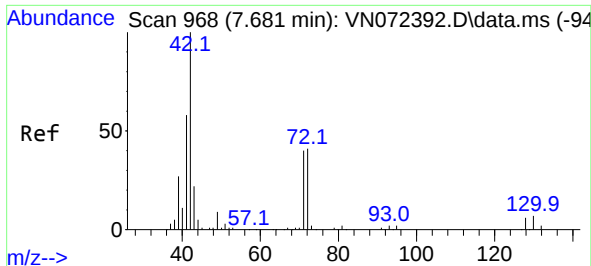


#28
 Bromochloromethane
 Concen: 16.917 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VN072391.D
 Acq: 10 May 2022 14:18



Tgt Ion: 49 Resp: 40603
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 76.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 95.649 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072391.D

Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 15663

Ion Ratio Lower Upper

42 100

72 41.3 39.7 59.5

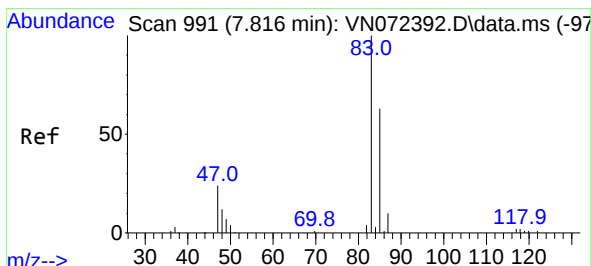
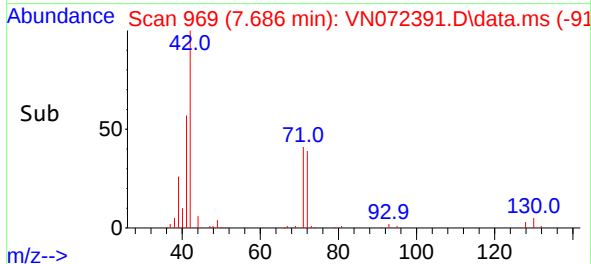
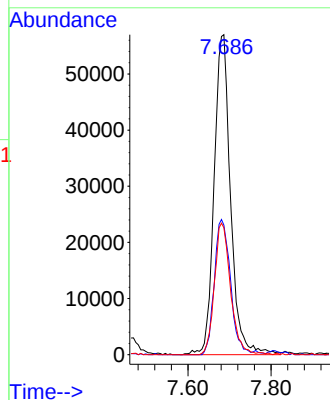
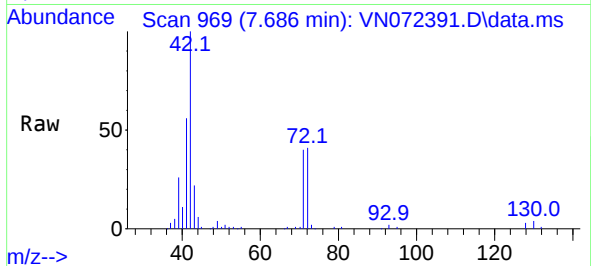
71 40.0 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#30

Chloroform

Concen: 19.536 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.006 min

Lab File: VN072391.D

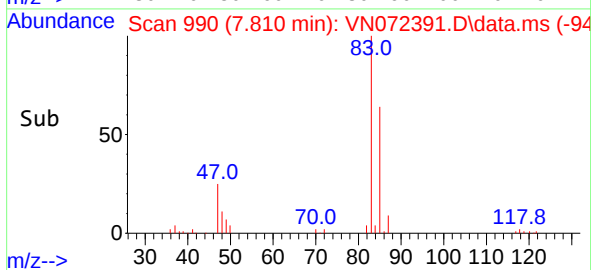
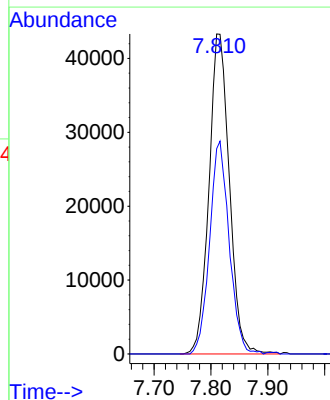
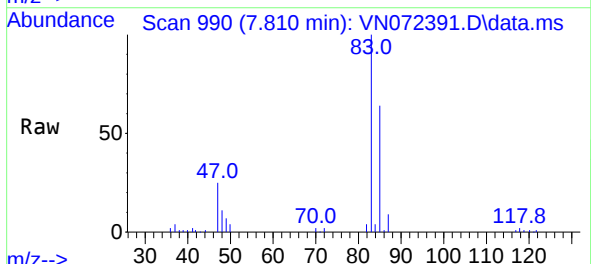
Acq: 10 May 2022 14:18

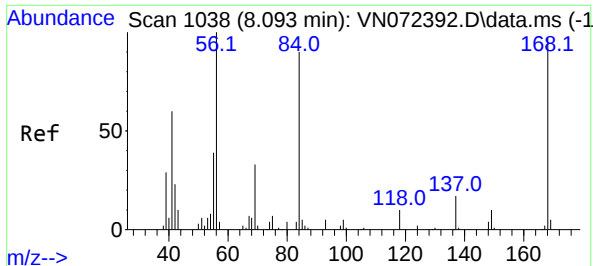
Tgt Ion: 83 Resp: 107748

Ion Ratio Lower Upper

83 100

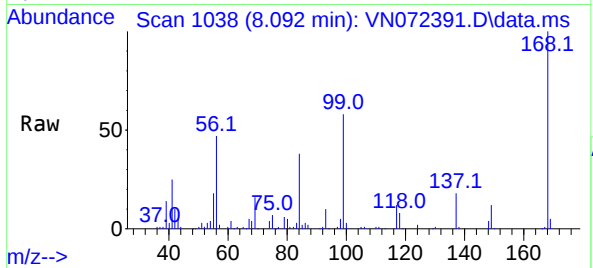
85 64.2 51.8 77.8





#31
Cyclohexane
Concen: 19.087 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

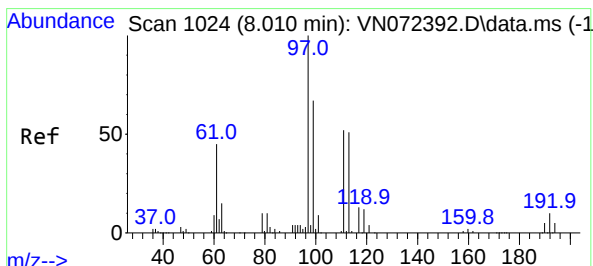
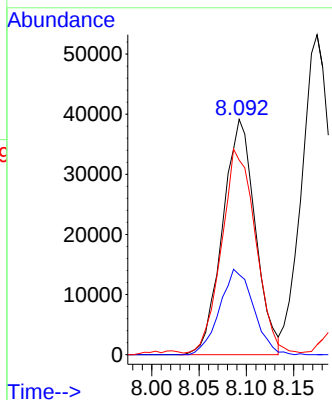
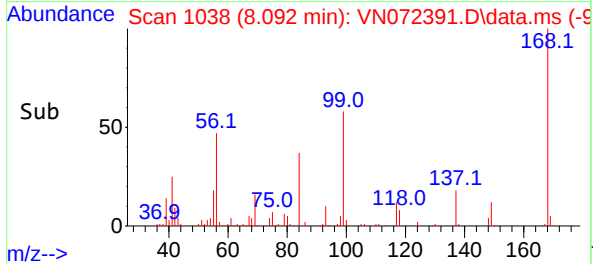
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



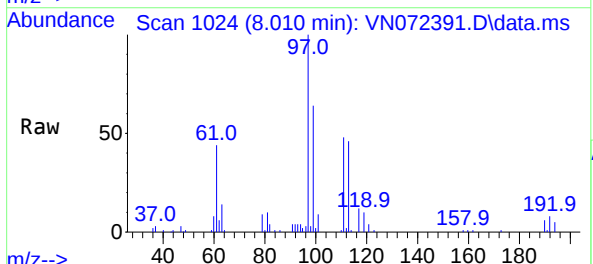
Tgt Ion: 56 Resp: 9427
Ion Ratio Lower Upper
56 100
69 34.0 27.8 41.8
84 81.4 76.9 115.3

Manual Integrations
APPROVED

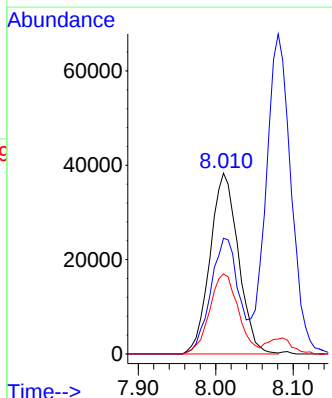
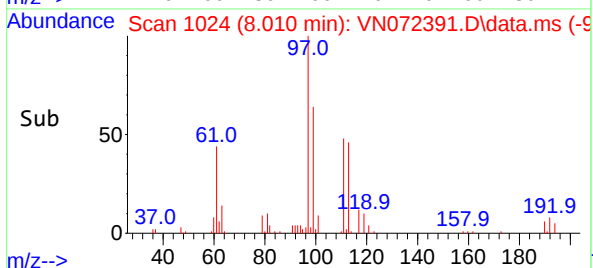
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

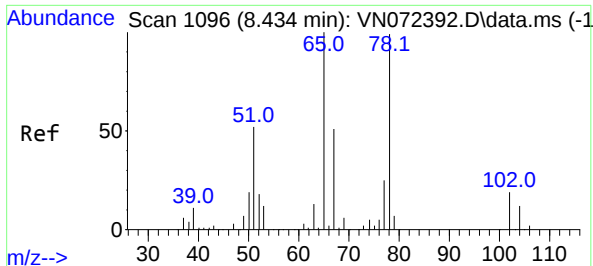


#32
1,1,1-Trichloroethane
Concen: 20.625 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion: 97 Resp: 97397
Ion Ratio Lower Upper
97 100
99 61.7 50.6 76.0
61 45.1 36.0 54.0





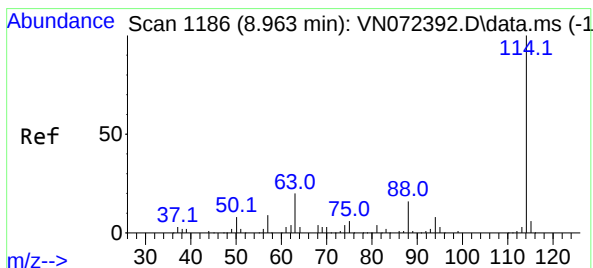
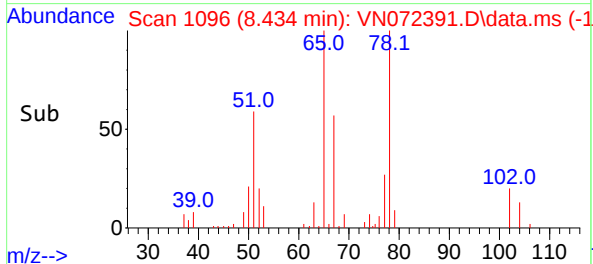
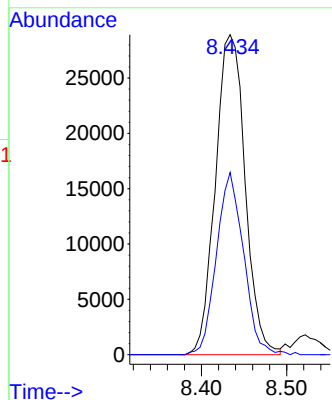
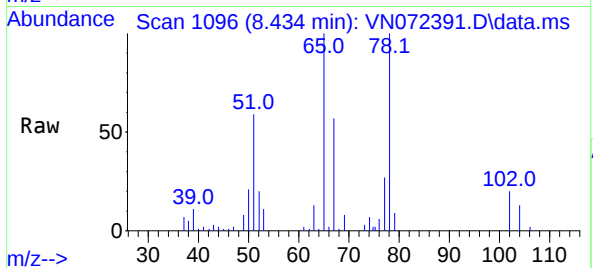
#33
1,2-Dichloroethane-d4
Concen: 19.309 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 70169
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

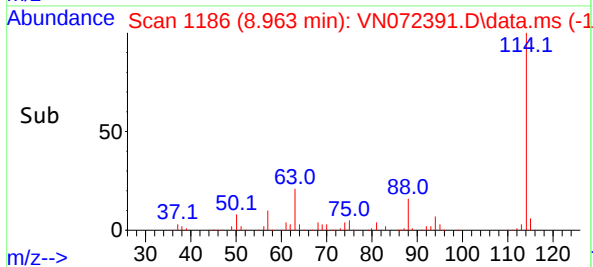
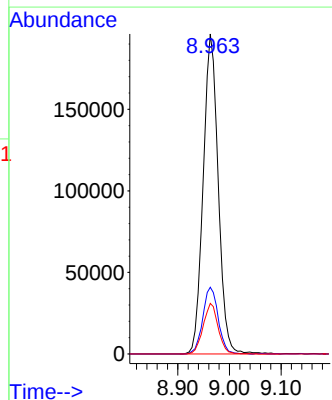
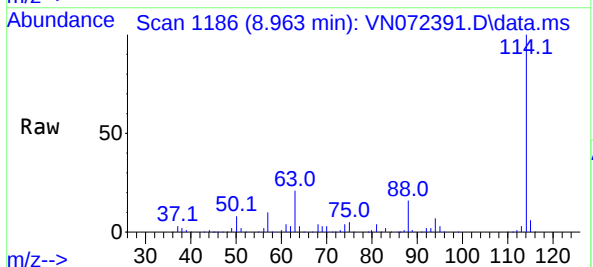
Manual Integrations
APPROVED

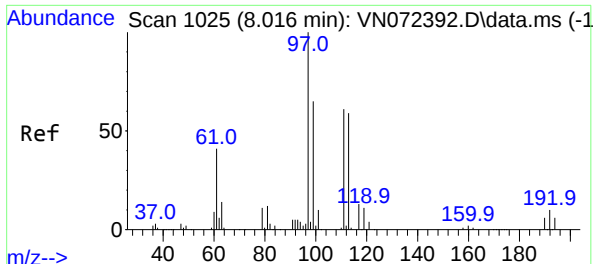
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion:114 Resp: 396582
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 15.8 0.0 32.6





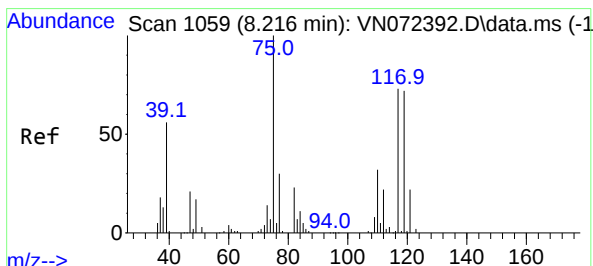
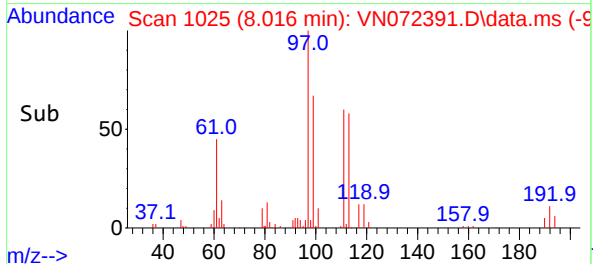
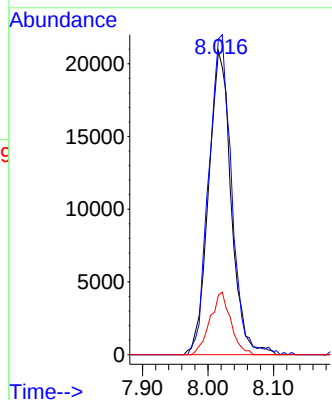
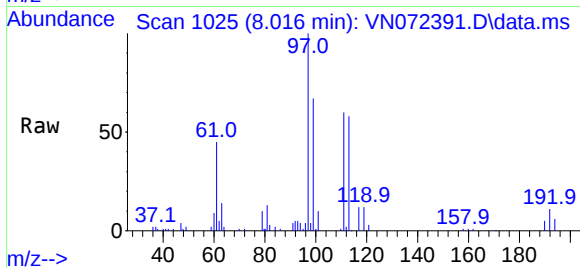
#35
Dibromofluoromethane
Concen: 19.708 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	113	Resp:	5000
Ion Ratio	Lower	Upper	
113	100		
111	106.4	81.4	122.0
192	18.8	17.0	25.6

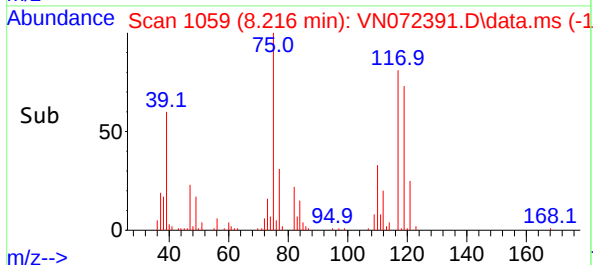
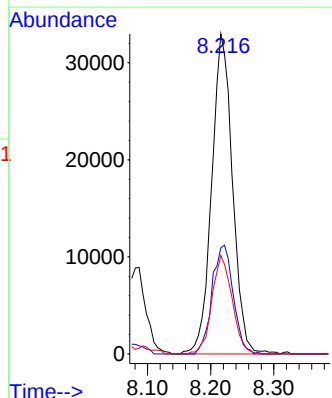
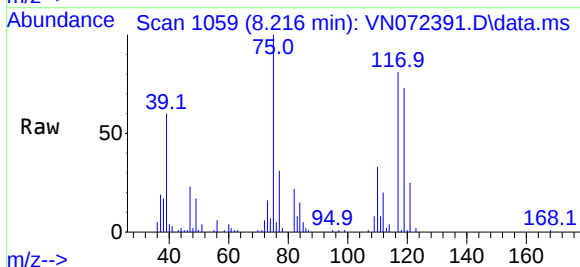
Manual Integrations
APPROVED

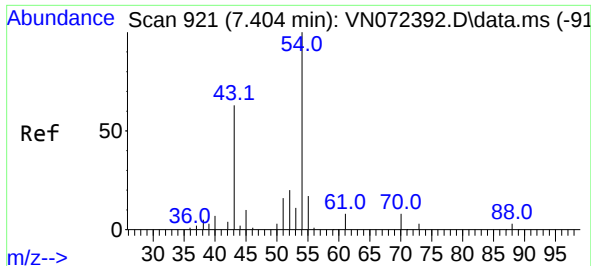
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#36
1,1-Dichloropropene
Concen: 20.191 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

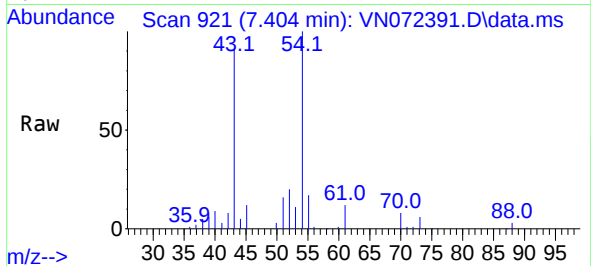
Tgt Ion:	75	Resp:	75454
Ion Ratio	Lower	Upper	
75	100		
110	34.6	18.3	54.8
77	29.8	25.1	37.7





#37
Ethyl Acetate
Concen: 19.566 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

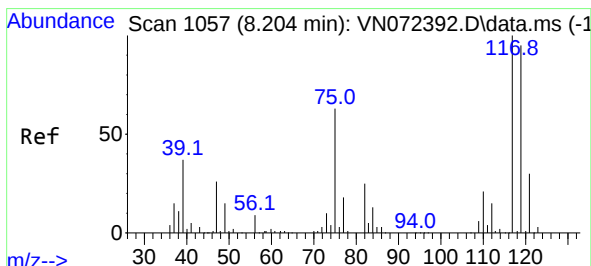
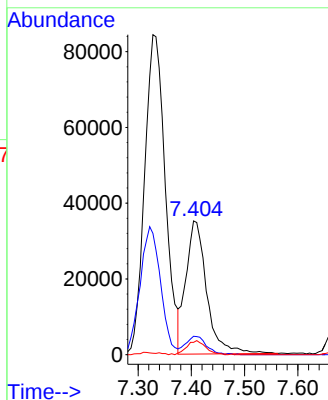
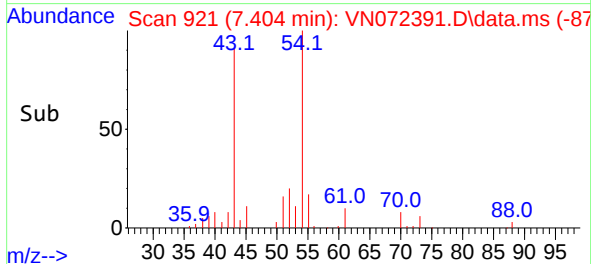
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



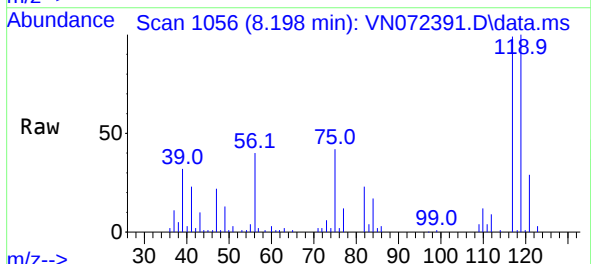
Tgt Ion: 43 Resp: 9532
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.6
70 9.6 9.3 13.9

Manual Integrations
APPROVED

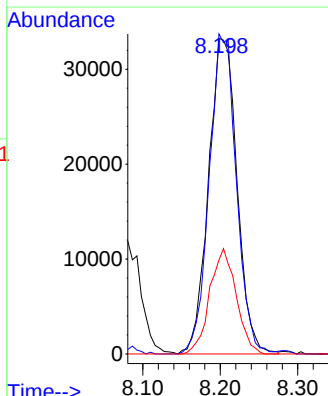
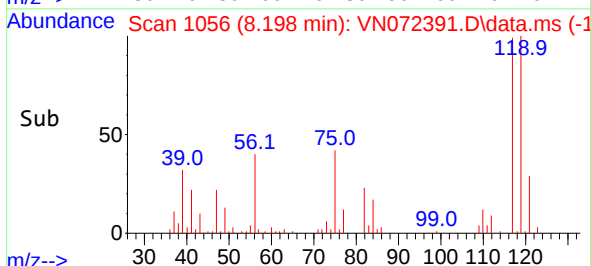
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

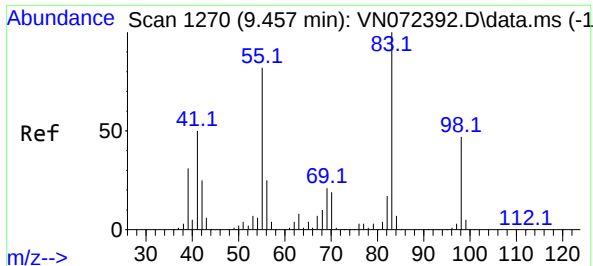


#38
Carbon Tetrachloride
Concen: 20.990 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion:117 Resp: 84898
Ion Ratio Lower Upper
117 100
119 101.4 75.8 113.8
121 29.8 24.6 37.0





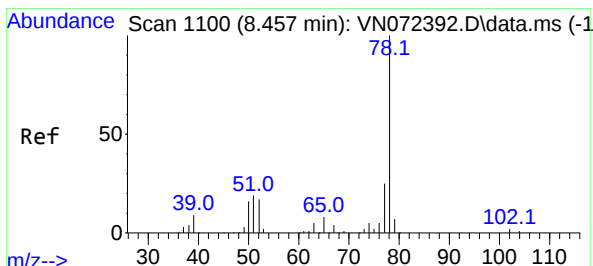
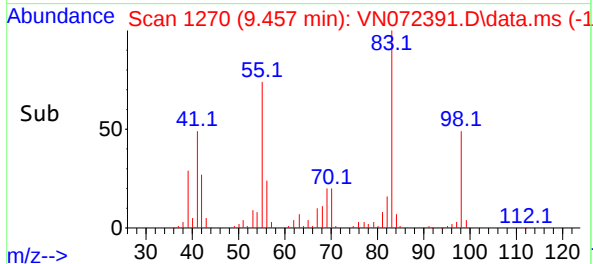
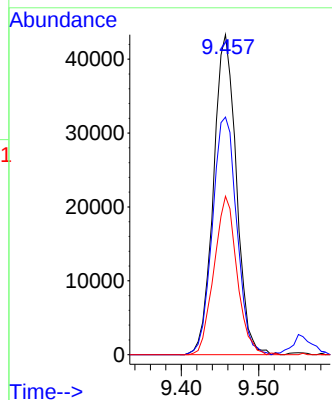
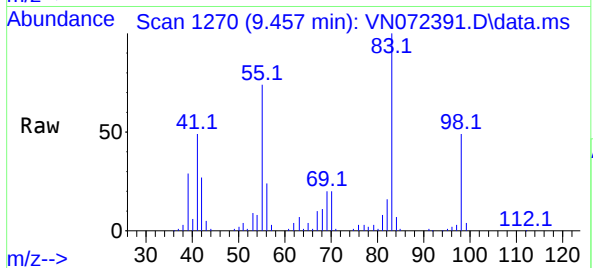
#39
Methylcyclohexane
Concen: 21.201 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 8890
Ion Ratio Lower Upper
83 100
55 74.3 57.8 86.8
98 49.5 39.4 59.2

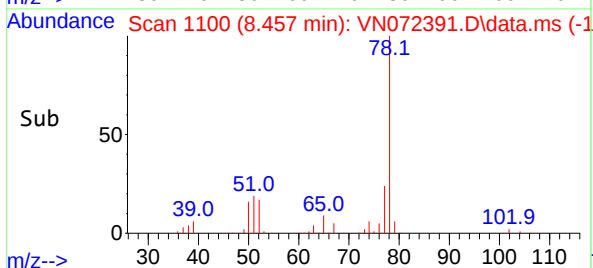
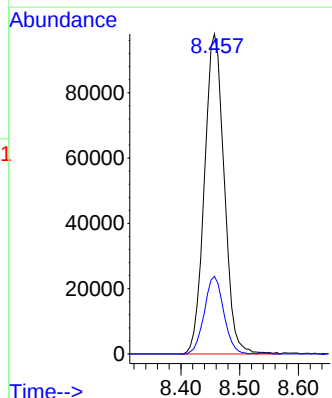
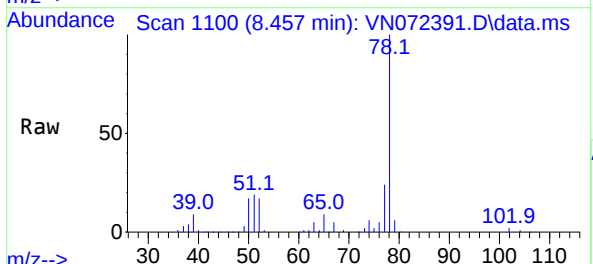
Manual Integrations
APPROVED

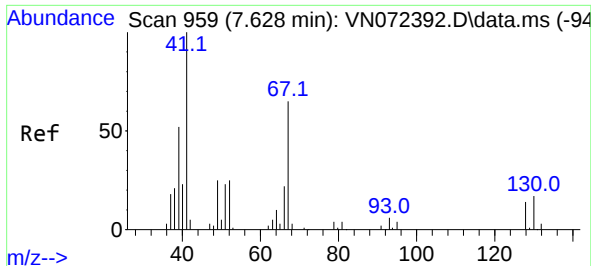
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#40
Benzene
Concen: 19.840 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 78 Resp: 228459
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





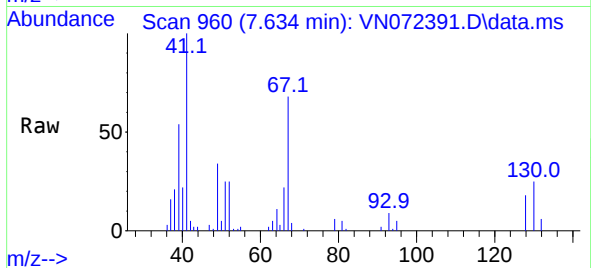
#41
Methacrylonitrile
Concen: 19.593 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

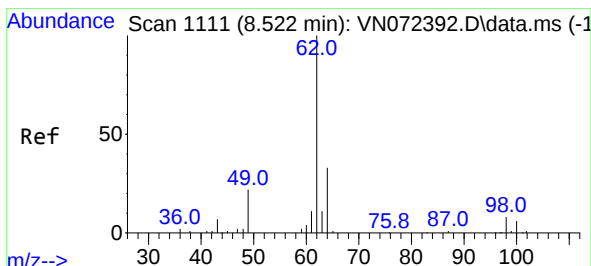
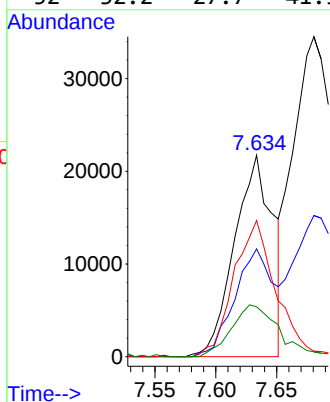
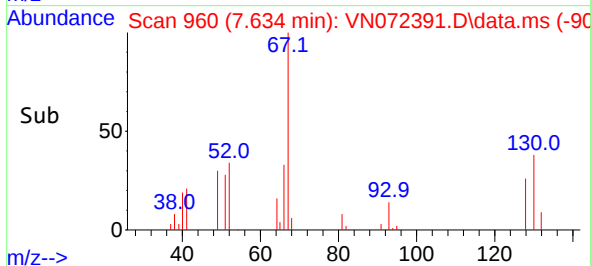


Tgt Ion: 41 Resp: 4756
Ion Ratio Lower Upper
41 100
39 53.9 48.6 73.0
67 74.8 73.4 110.2
52 32.2 27.7 41.5

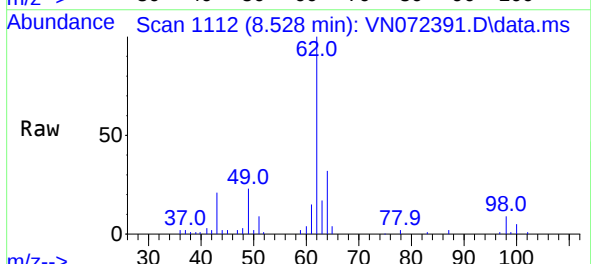
Manual Integrations

APPROVED

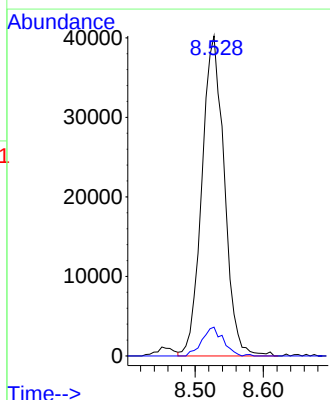
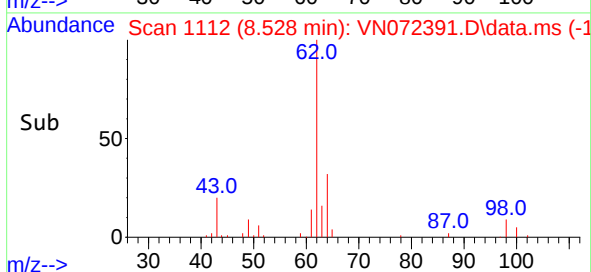
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

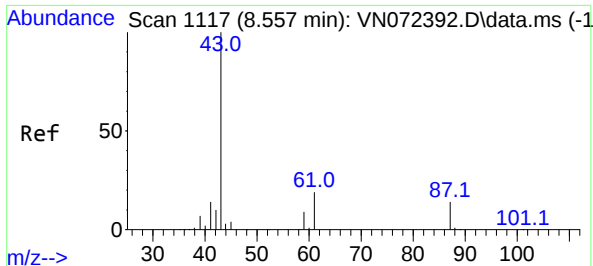


#42
1,2-Dichloroethane
Concen: 20.791 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



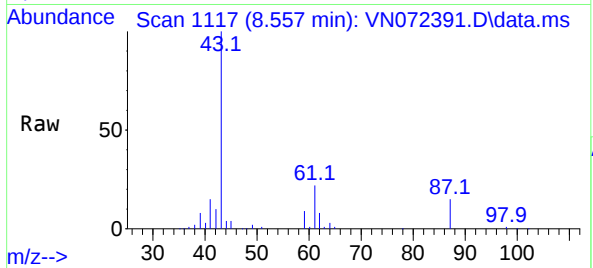
Tgt Ion: 62 Resp: 92031
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 17.906 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

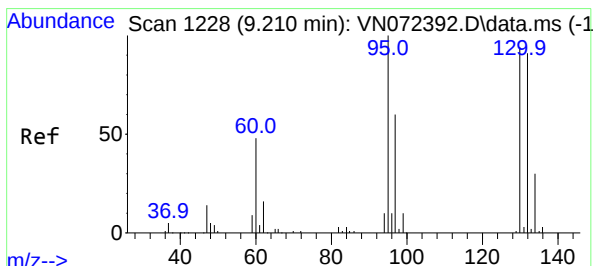
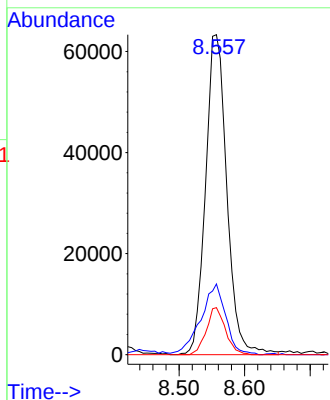
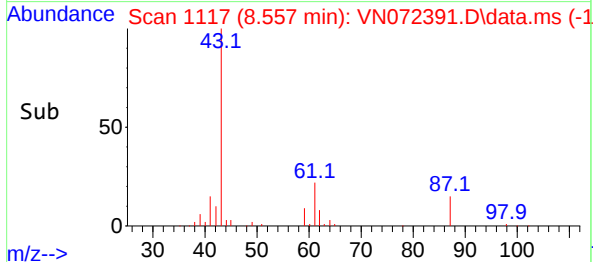
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



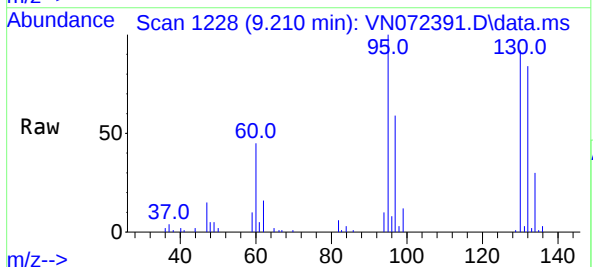
Tgt Ion: 43 Resp: 14329
Ion Ratio Lower Upper
43 100
61 25.9 21.9 32.9
87 13.2 12.0 18.0

Manual Integrations
APPROVED

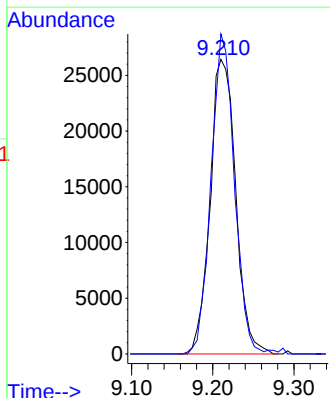
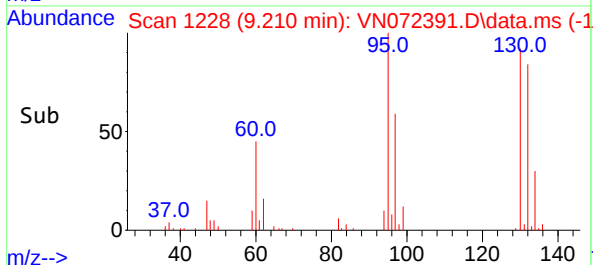
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

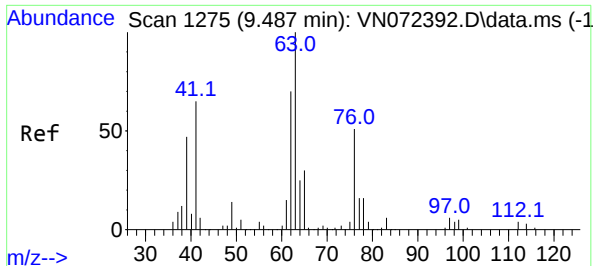


#44
Trichloroethene
Concen: 21.294 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion:130 Resp: 57861
Ion Ratio Lower Upper
130 100
95 108.7 0.0 186.8





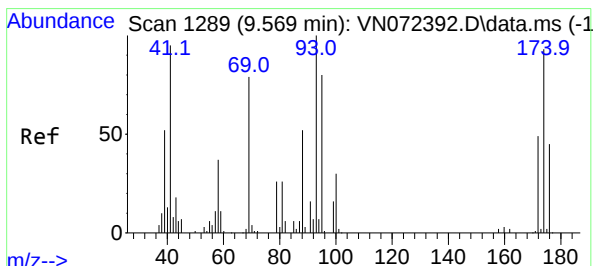
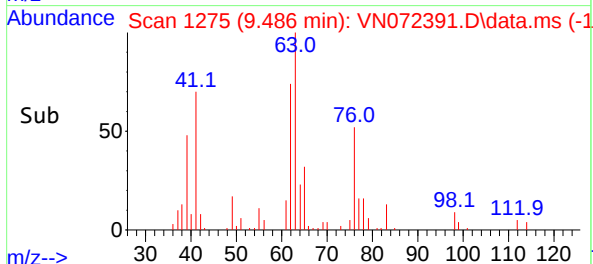
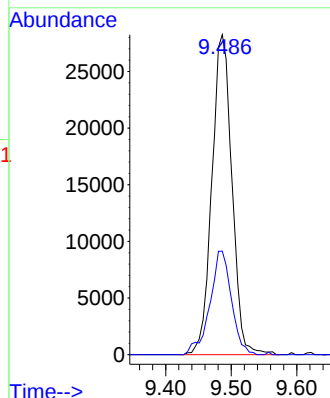
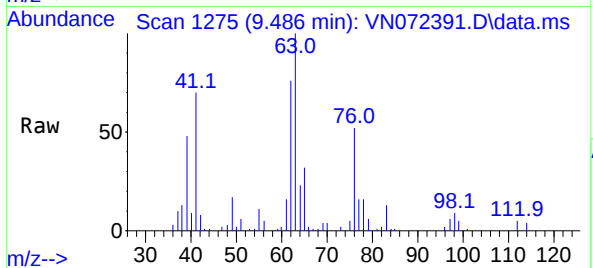
#45
1,2-Dichloropropane
Concen: 19.385 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 5998
Ion Ratio Lower Upper
63 100
65 32.3 24.9 37.3

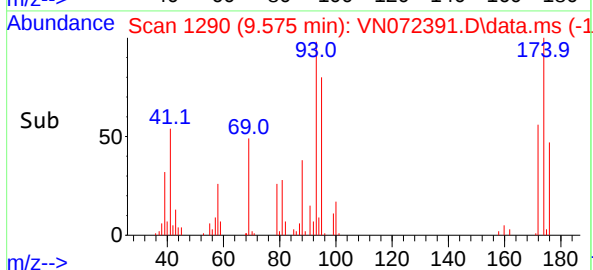
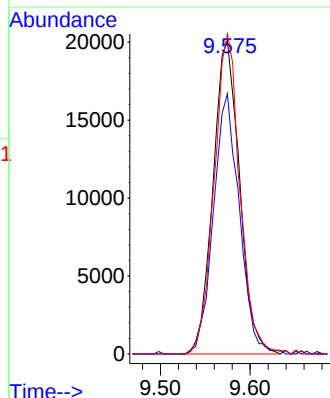
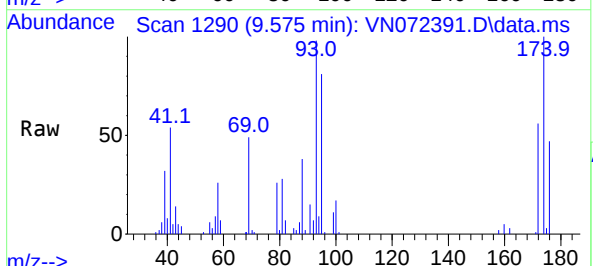
Manual Integrations
APPROVED

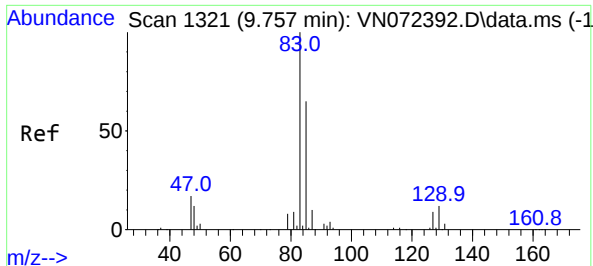
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#46
Dibromomethane
Concen: 20.962 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 93 Resp: 41129
Ion Ratio Lower Upper
93 100
95 81.5 66.9 100.3
174 99.8 86.6 130.0





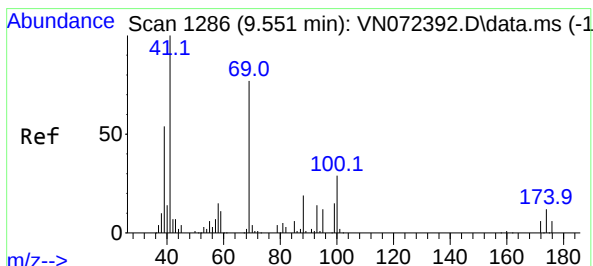
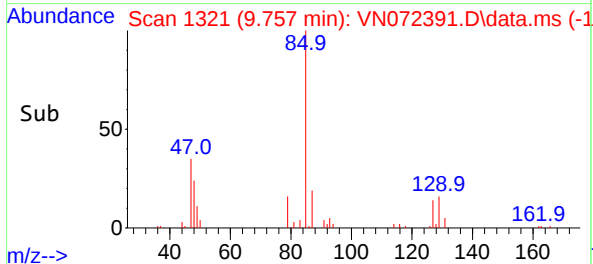
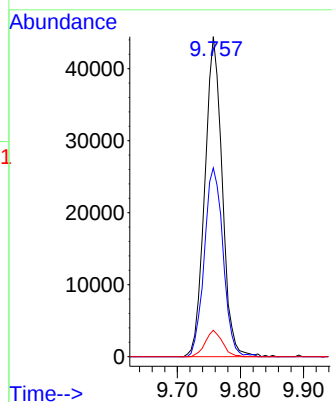
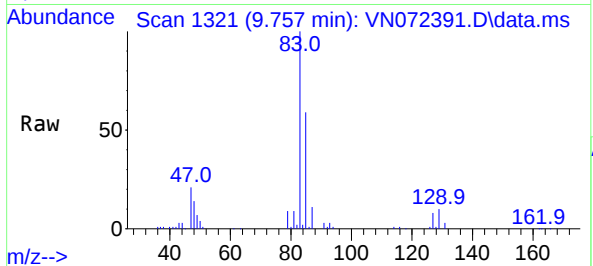
#47
Bromodichloromethane
Concen: 20.817 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 85169
Ion Ratio Lower Upper
83 100
85 59.0 50.5 75.7
127 8.3 6.8 10.2

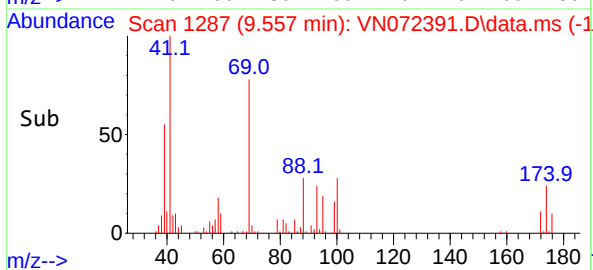
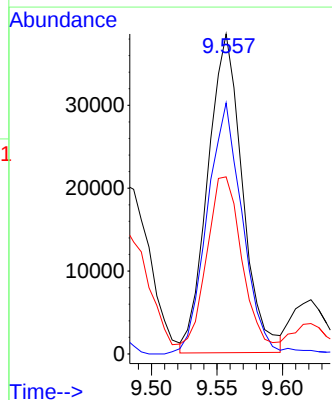
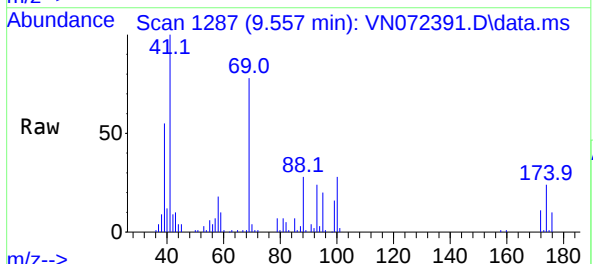
Manual Integrations
APPROVED

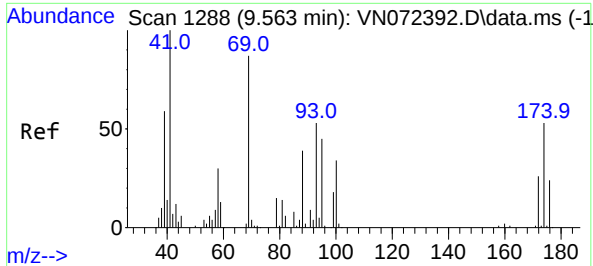
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#48
Methyl methacrylate
Concen: 21.790 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 41 Resp: 70728
Ion Ratio Lower Upper
41 100
69 81.2 74.7 112.1
39 57.0 45.6 68.4





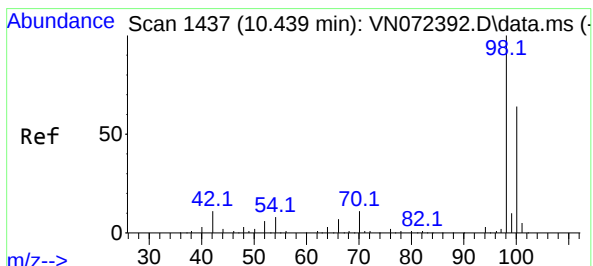
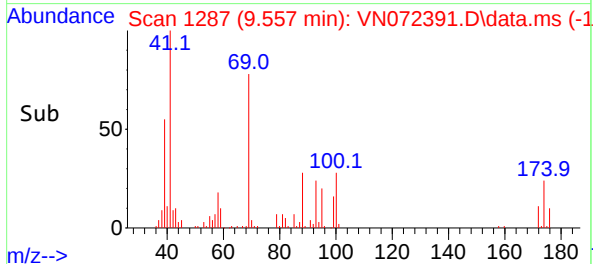
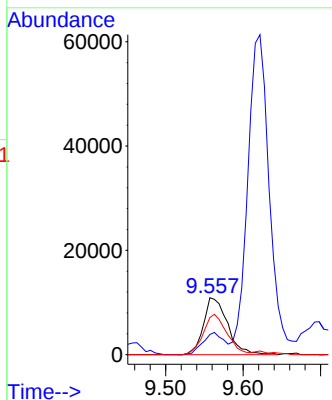
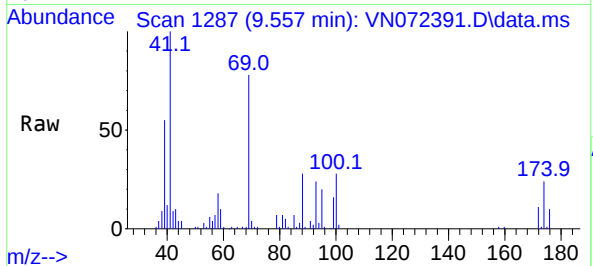
#49
1,4-Dioxane
Concen: 420.142 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 23680
Ion Ratio Lower Upper
88 100
43 34.0 20.2 30.4
58 69.5 54.2 81.4

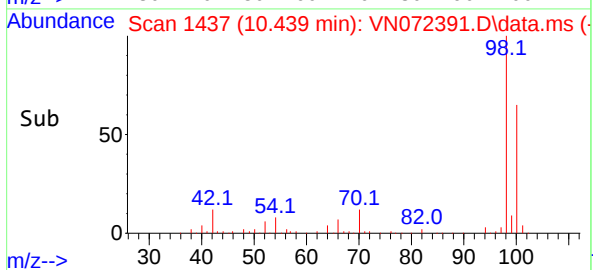
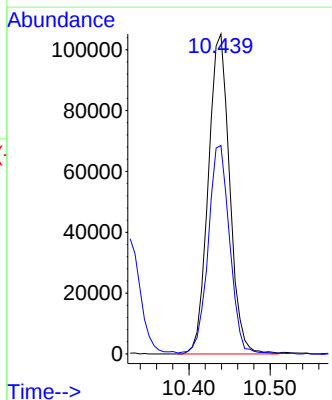
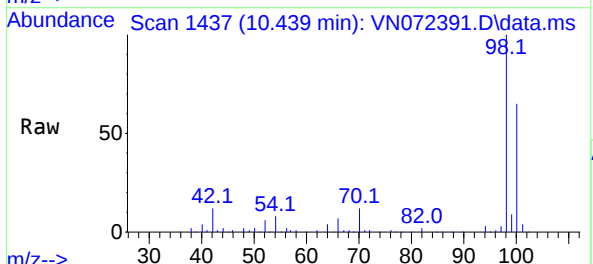
Manual Integrations
APPROVED

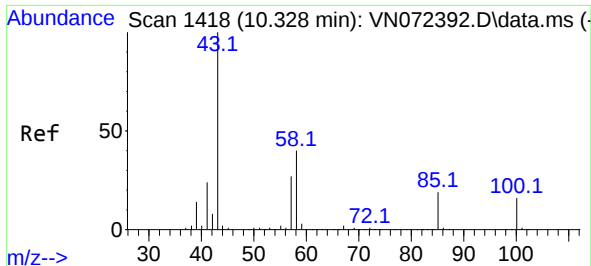
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#50
Toluene-d8
Concen: 19.356 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

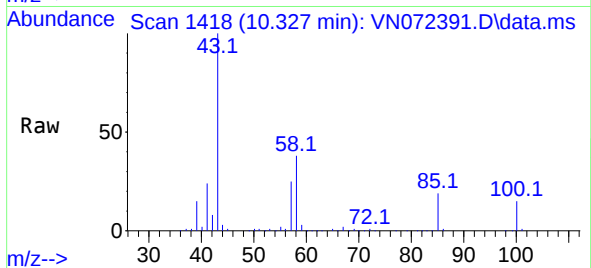
Tgt Ion: 98 Resp: 191862
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 101.159 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

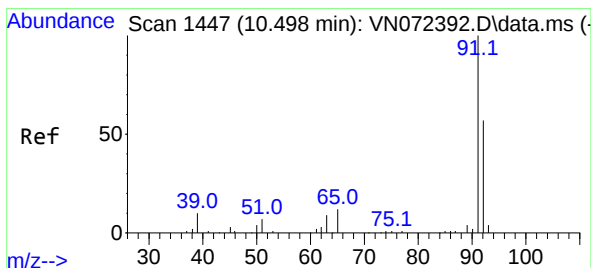
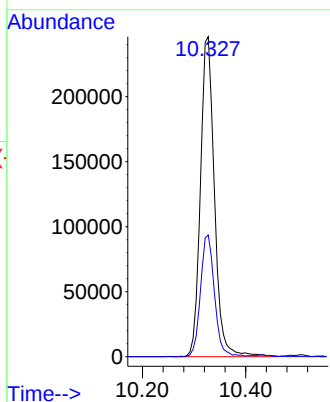
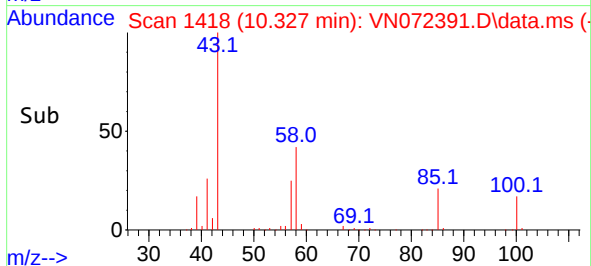
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



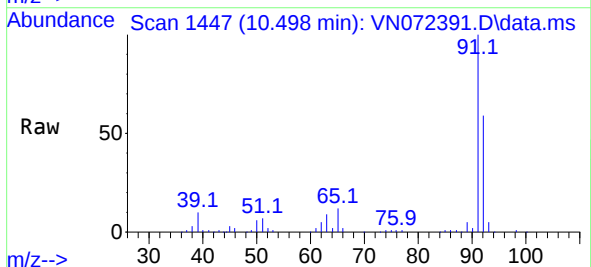
Tgt Ion: 43 Resp: 464190
Ion Ratio Lower Upper
43 100
58 38.0 34.1 51.1

Manual Integrations
APPROVED

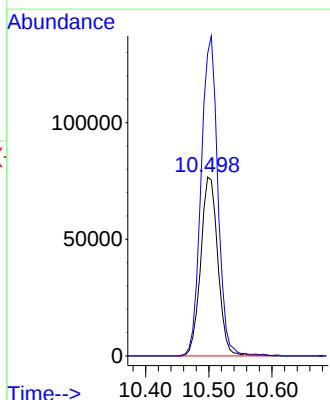
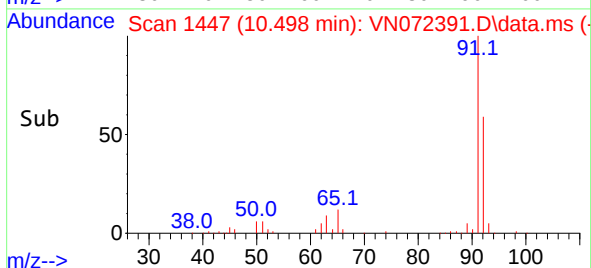
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

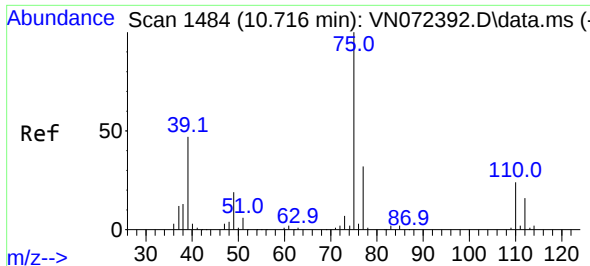


#52
Toluene
Concen: 20.989 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion: 92 Resp: 144759
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.417 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

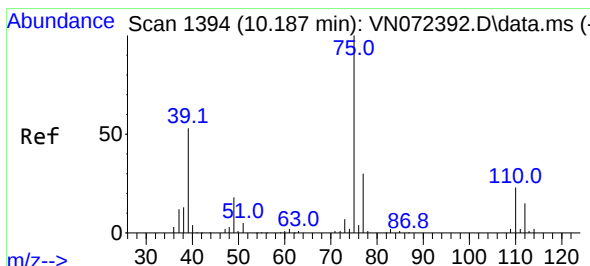
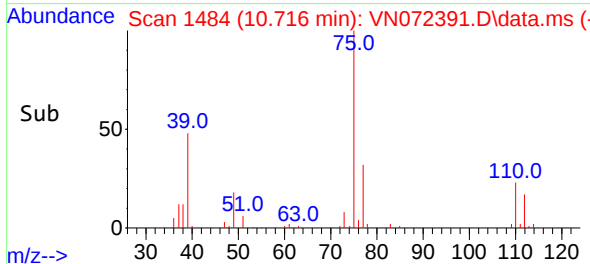
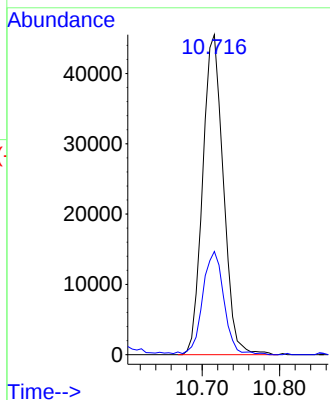
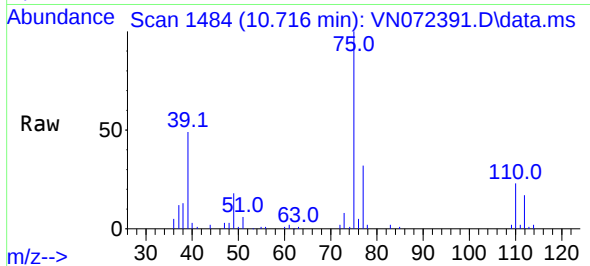
VSTDIC020

Tgt Ion: 75 Resp: 84194
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4

Manual Integrations

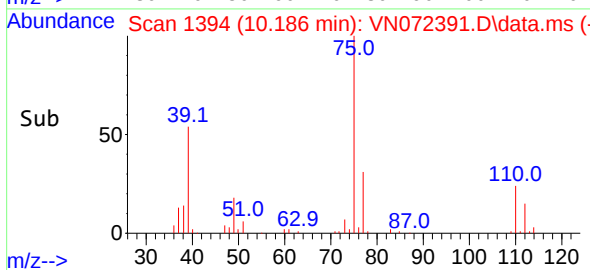
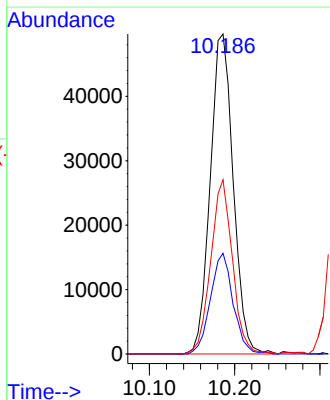
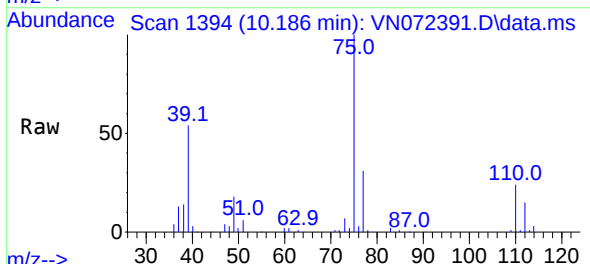
APPROVED

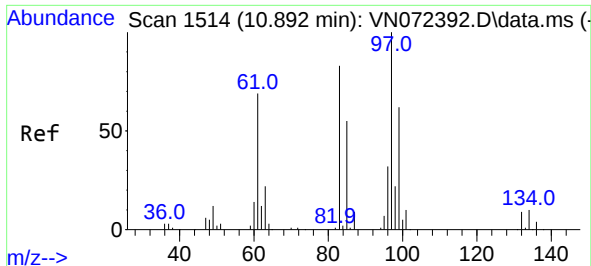
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#54
cis-1,3-Dichloropropene
Concen: 20.905 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 75 Resp: 93056
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 54.5 35.7 53.5#





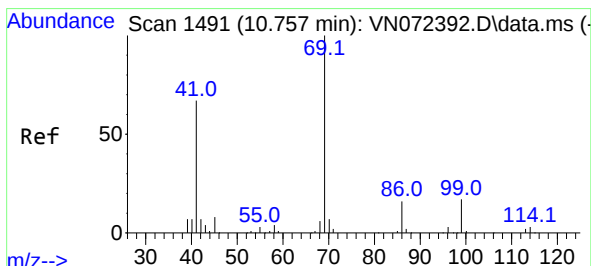
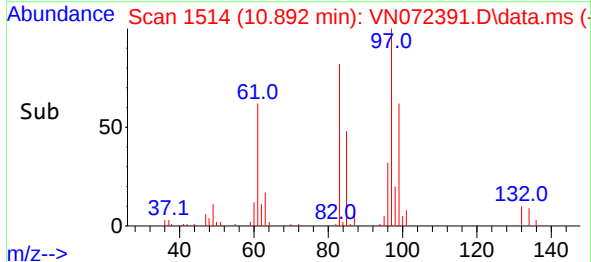
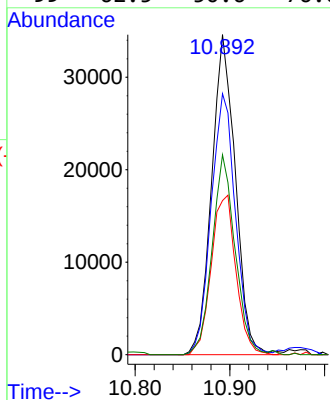
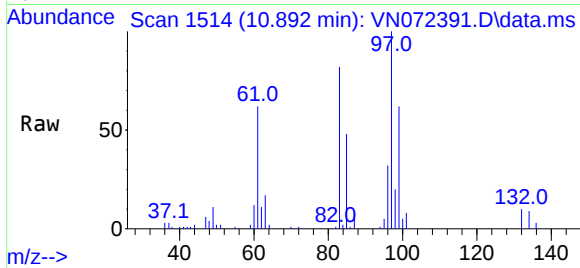
#55
1,1,2-Trichloroethane
Concen: 20.880 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 6020
Ion Ratio	Lower Upper
97 100	
83 81.5	66.2 99.4
85 48.2	43.9 65.9
99 62.5	50.6 76.0

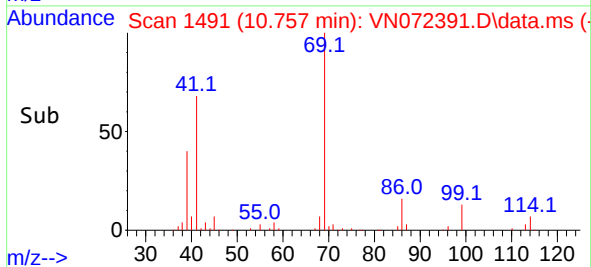
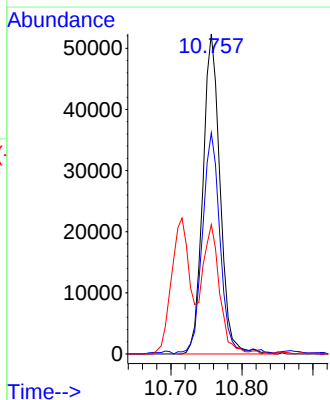
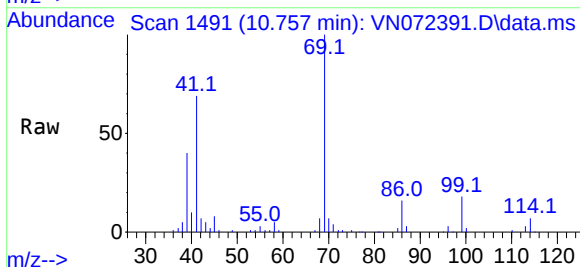
Manual Integrations
APPROVED

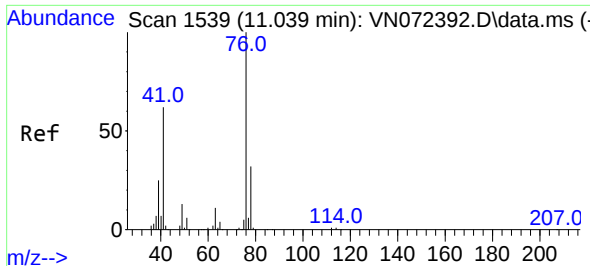
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#56
Ethyl methacrylate
Concen: 20.737 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 69	Resp: 88212
Ion Ratio	Lower Upper
69 100	
41 70.7	47.8 71.6
39 39.3	27.3 40.9





#57

1,3-Dichloropropane

Concen: 20.213 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN072391.D

Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 102169

Ion Ratio Lower Upper

76 100

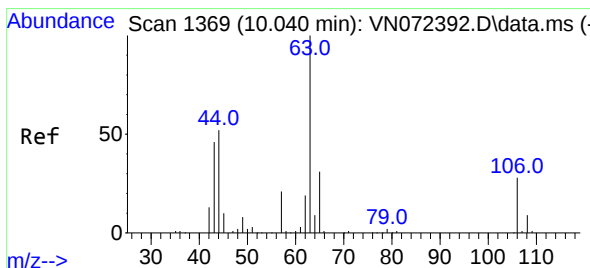
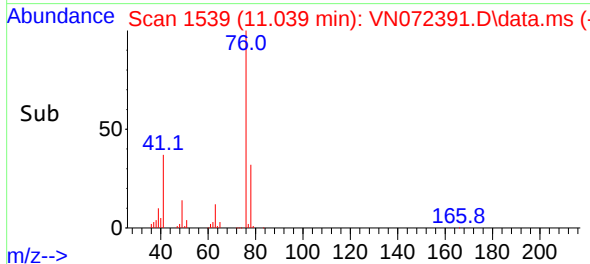
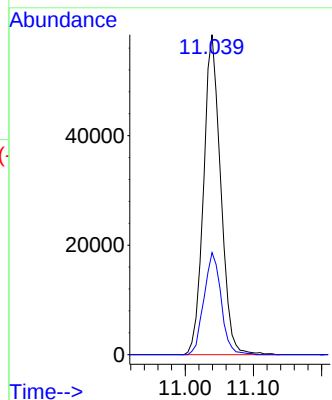
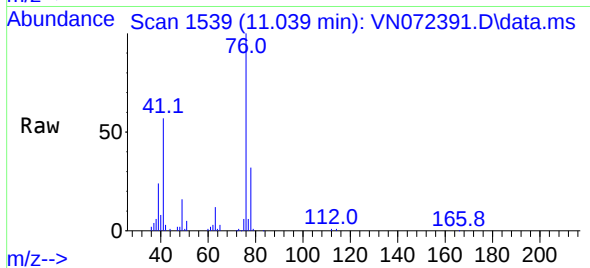
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 91.871 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VN072391.D

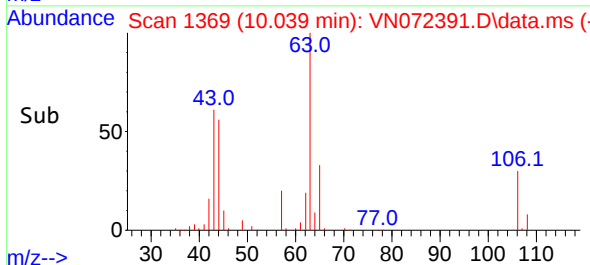
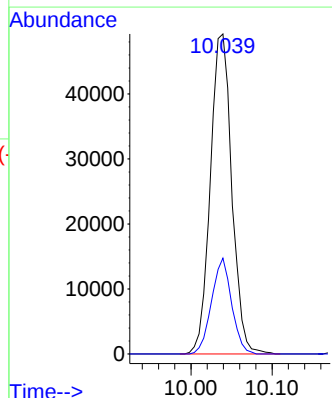
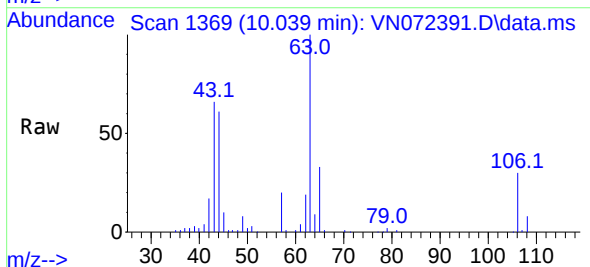
Acq: 10 May 2022 14:18

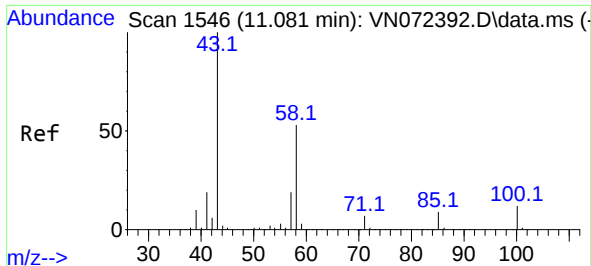
Tgt Ion: 63 Resp: 90427

Ion Ratio Lower Upper

63 100

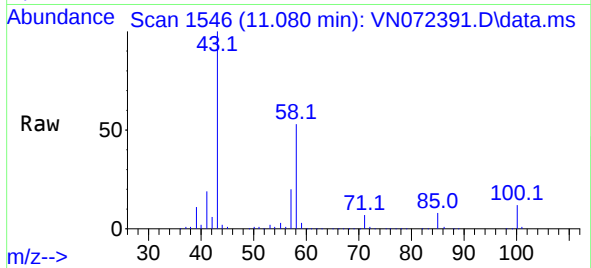
106 27.9 24.6 36.8





#59
2-Hexanone
Concen: 101.406 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

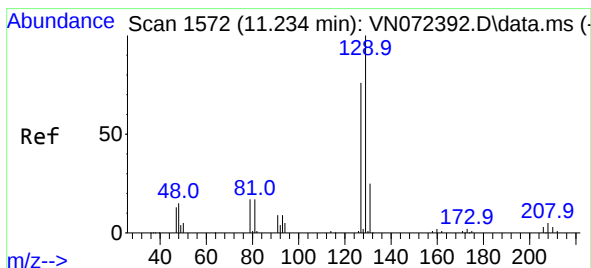
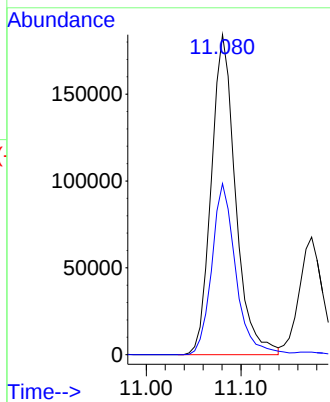
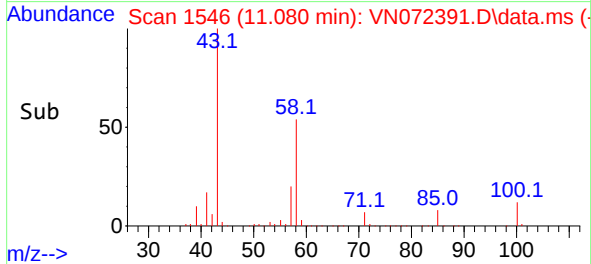
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 327658
Ion Ratio Lower Upper
43 100
58 52.7 29.7 89.1

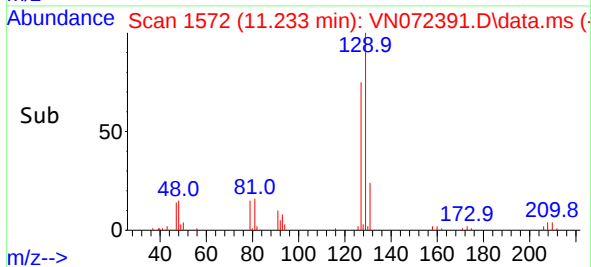
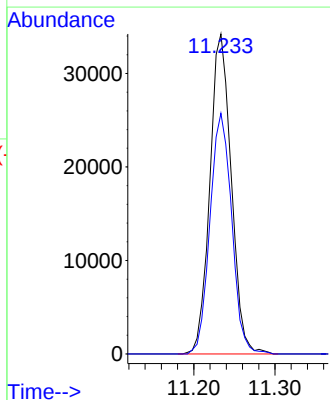
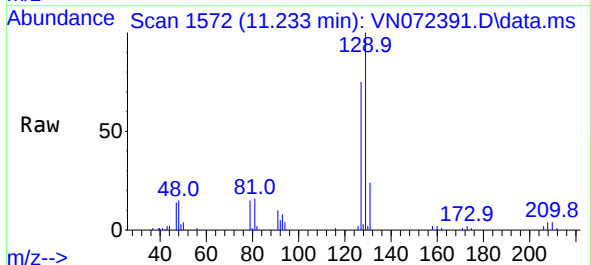
Manual Integrations
APPROVED

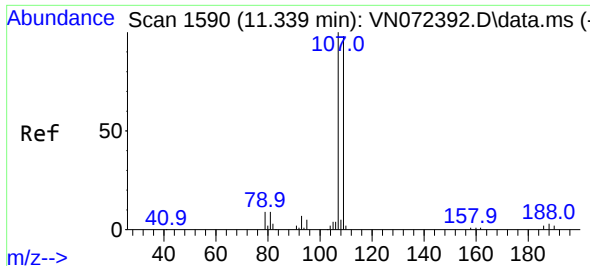
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#60
Dibromochloromethane
Concen: 21.020 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion:129 Resp: 62611
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4





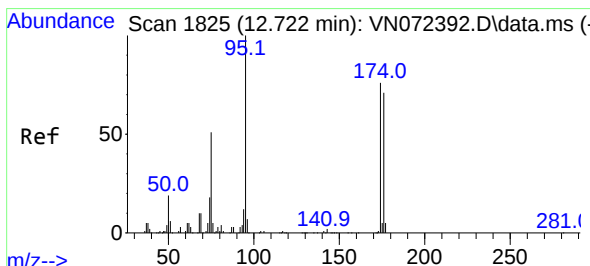
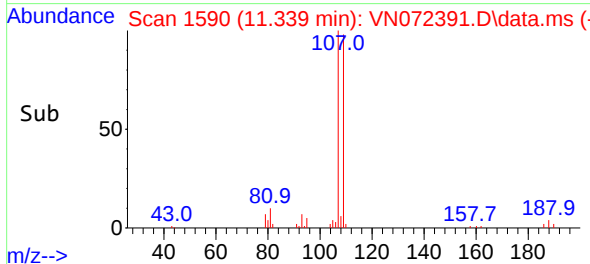
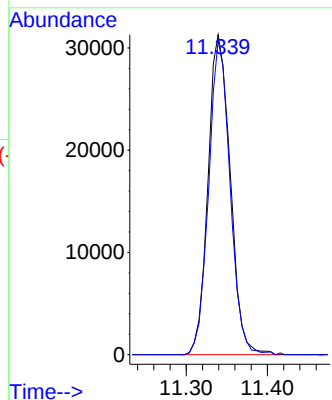
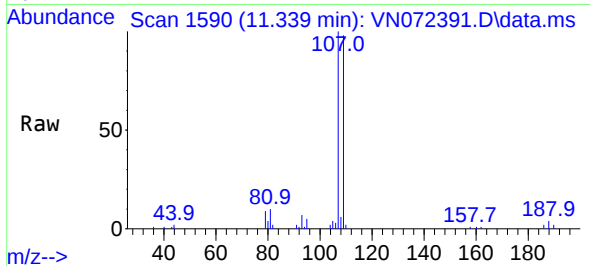
#61
1,2-Dibromoethane
Concen: 20.819 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 5948
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.6

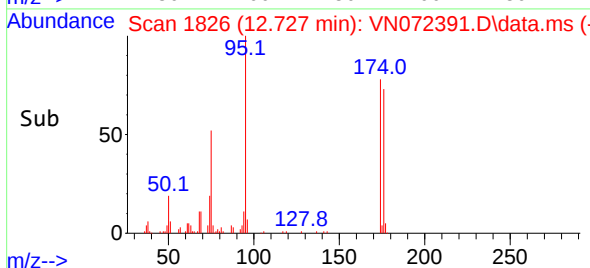
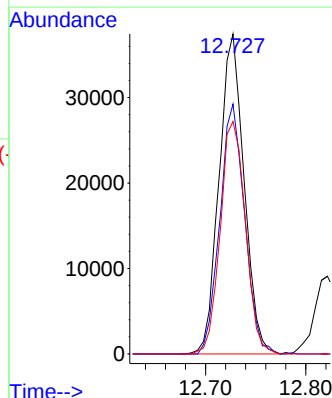
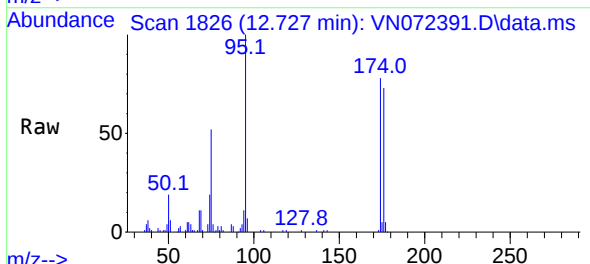
Manual Integrations
APPROVED

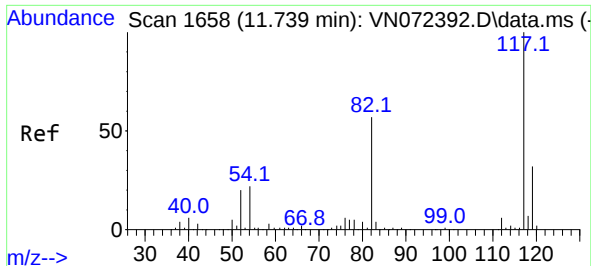
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#62
4-Bromofluorobenzene
Concen: 19.635 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

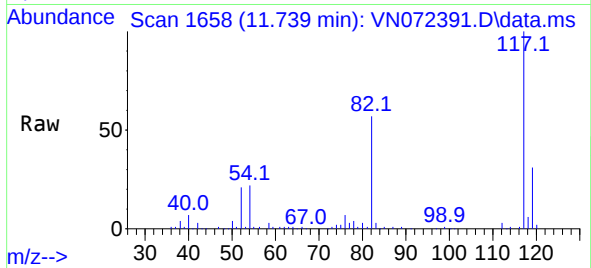
Tgt Ion: 95 Resp: 64470
Ion Ratio Lower Upper
95 100
174 77.5 0.0 167.6
176 73.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

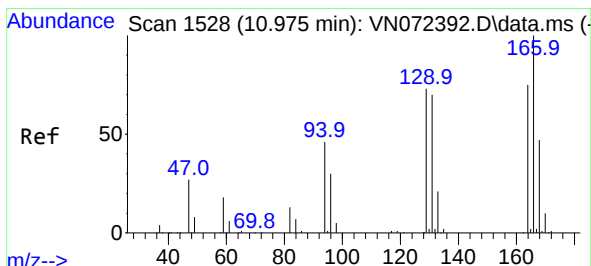
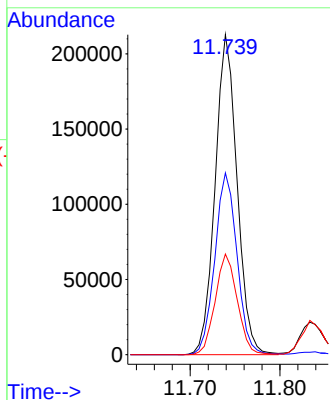
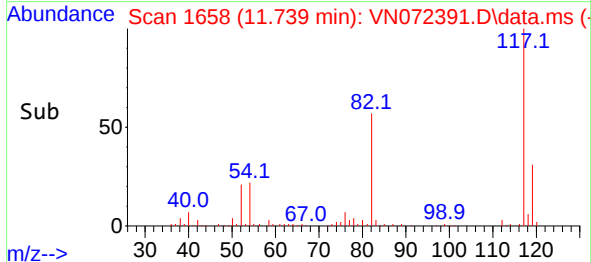
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



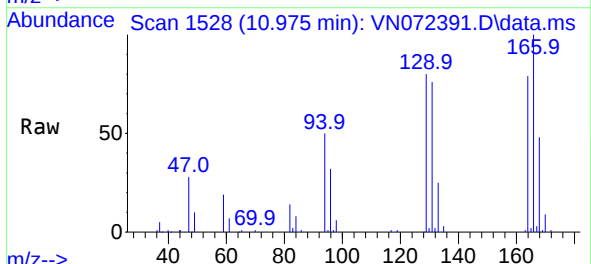
Tgt Ion:117 Resp: 36178
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 31.4 25.4 38.0

Manual Integrations
APPROVED

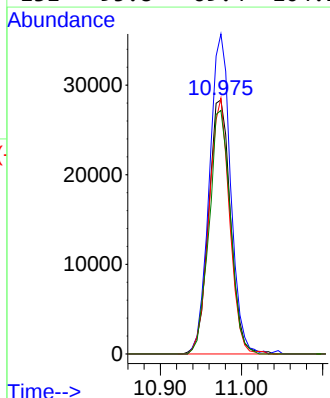
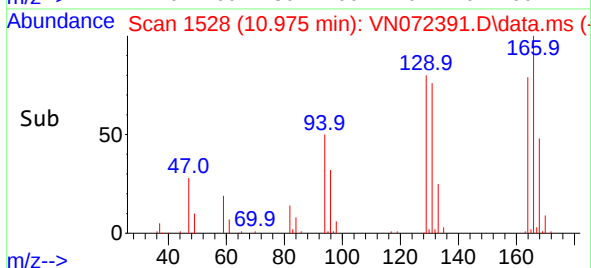
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

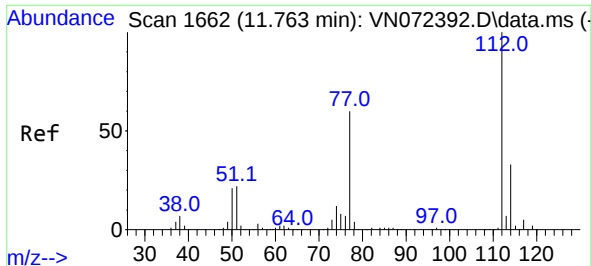


#64
Tetrachloroethene
Concen: 23.661 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



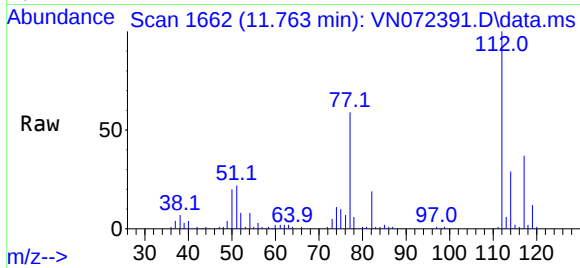
Tgt Ion:164 Resp: 53073
Ion Ratio Lower Upper
164 100
166 125.9 104.2 156.2
129 100.7 73.9 110.9
131 95.8 69.4 104.2





#65
Chlorobenzene
Concen: 20.383 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

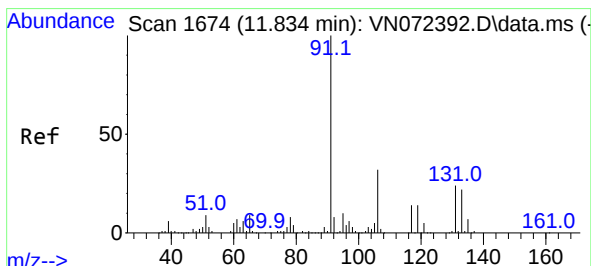
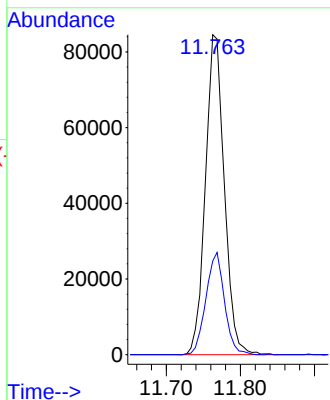
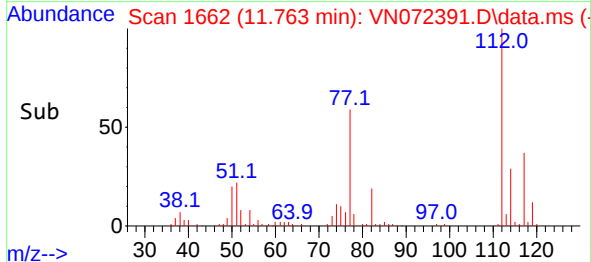
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



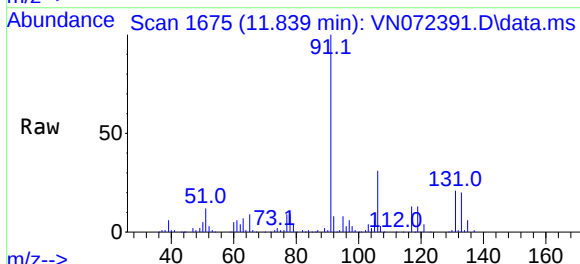
Tgt Ion:112 Resp: 149830
Ion Ratio Lower Upper
112 100
114 29.3 25.4 38.2

Manual Integrations
APPROVED

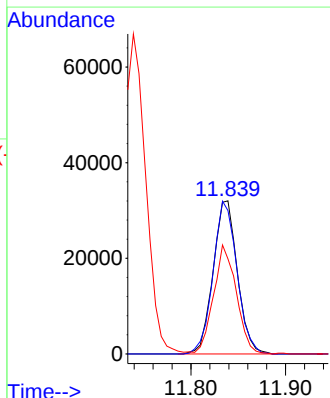
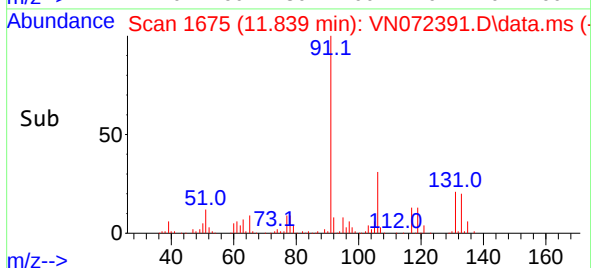
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

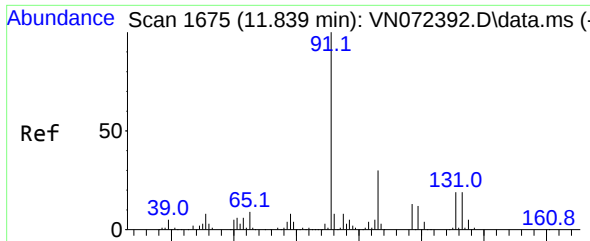


#66
1,1,1,2-Tetrachloroethane
Concen: 20.538 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



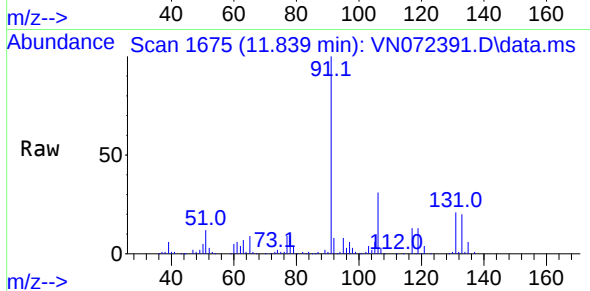
Tgt Ion:131 Resp: 57003
Ion Ratio Lower Upper
131 100
133 98.3 47.8 143.4
119 67.2 33.4 100.2





#67
Ethyl Benzene
Concen: 20.826 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

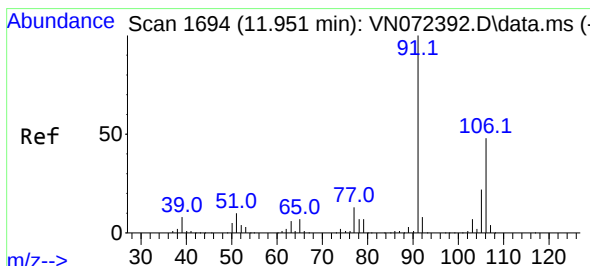
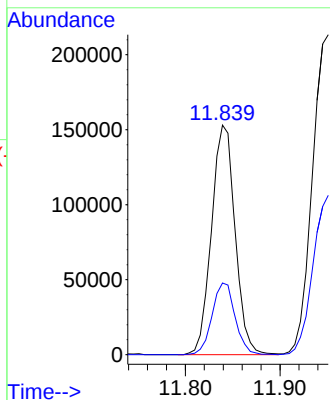
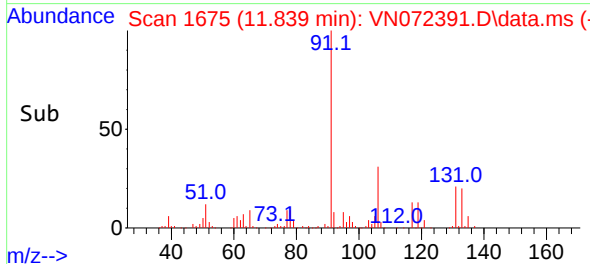
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



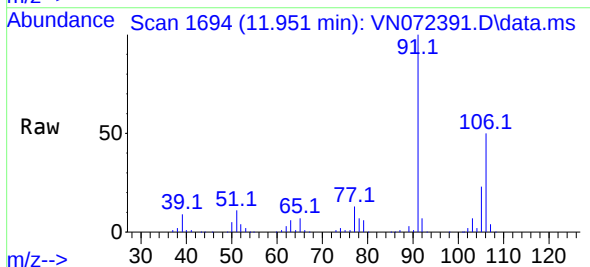
Tgt Ion: 91 Resp: 265570
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

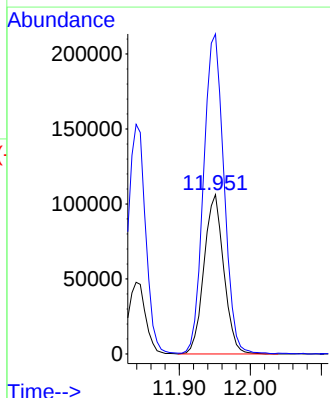
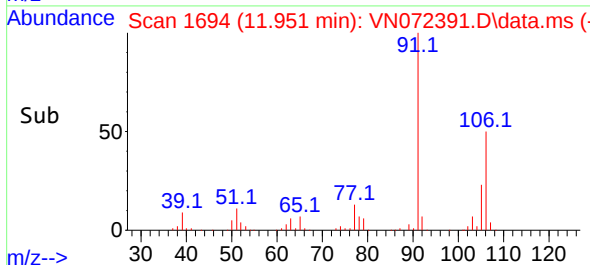
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

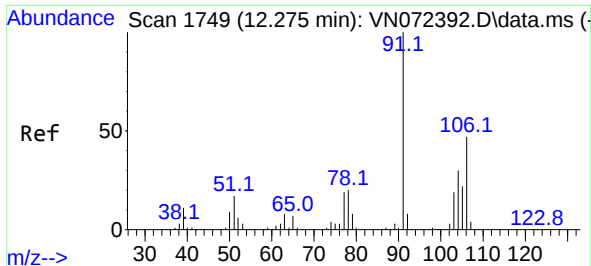


#68
m/p-Xylenes
Concen: 43.179 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion:106 Resp: 205667
Ion Ratio Lower Upper
106 100
91 206.1 158.9 238.3





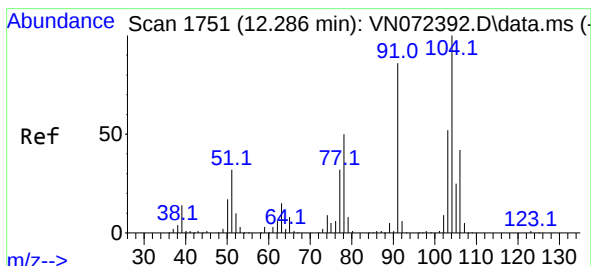
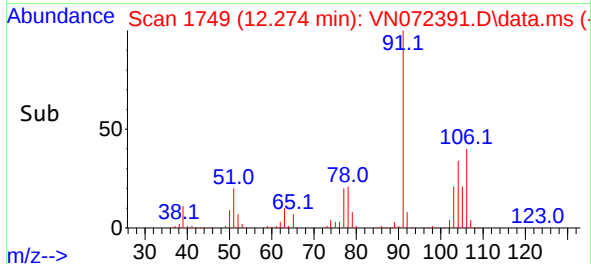
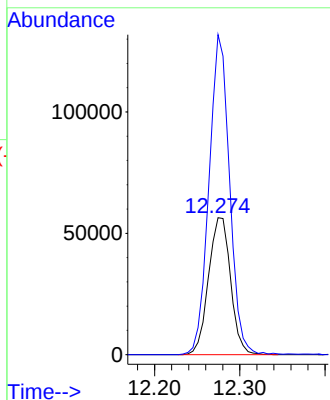
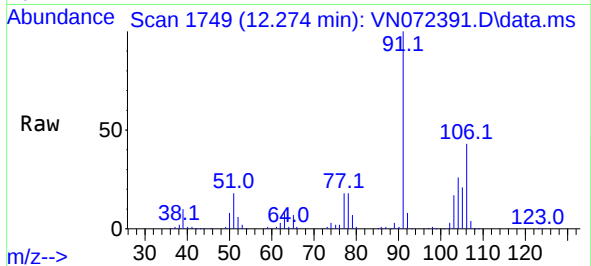
#69
o-Xylene
Concen: 22.024 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 101640
Ion Ratio Lower Upper
106 100
91 218.2 106.0 318.0

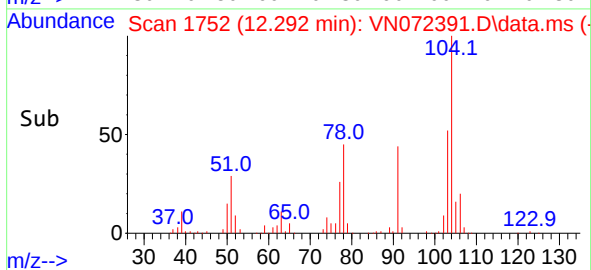
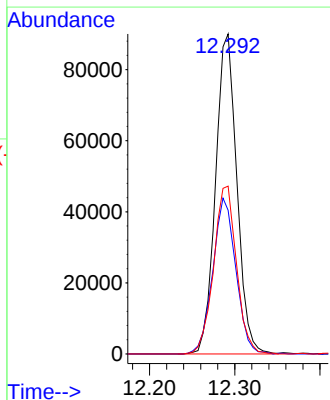
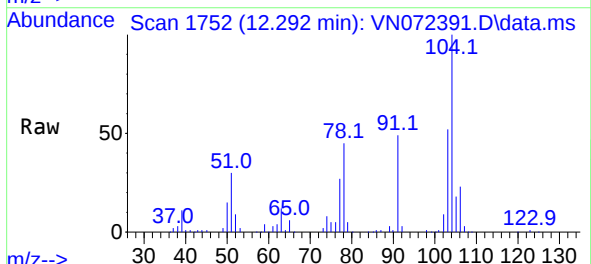
Manual Integrations
APPROVED

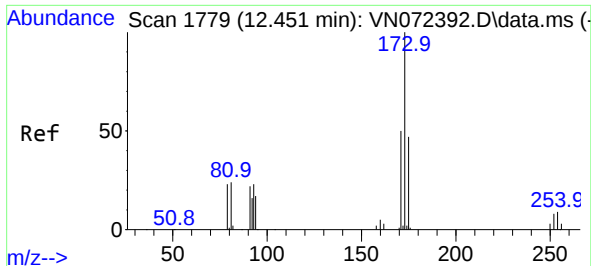
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#70
Styrene
Concen: 21.546 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

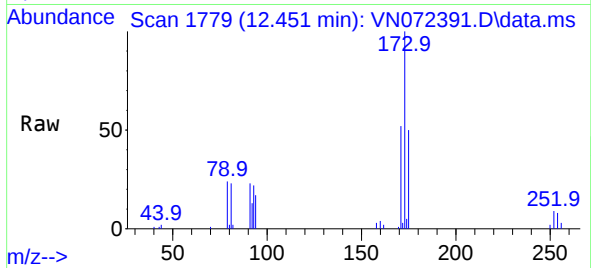
Tgt Ion:104 Resp: 156377
Ion Ratio Lower Upper
104 100
78 52.8 39.5 59.3
103 56.3 44.0 66.0





#71
Bromoform
Concen: 20.893 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

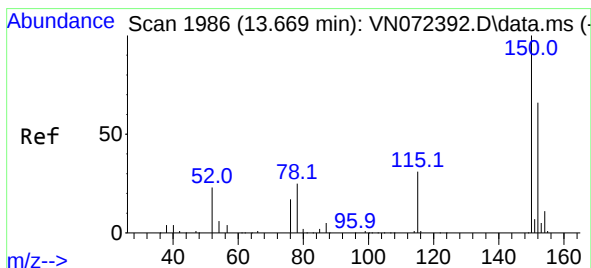
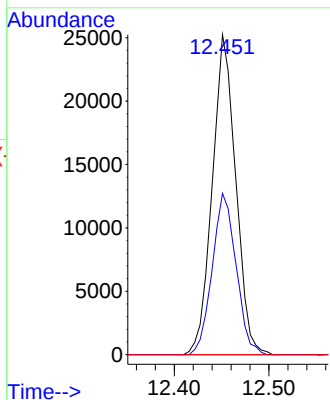
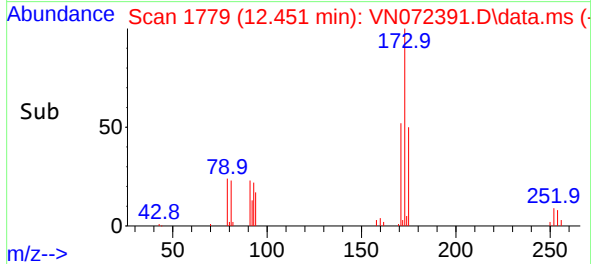
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



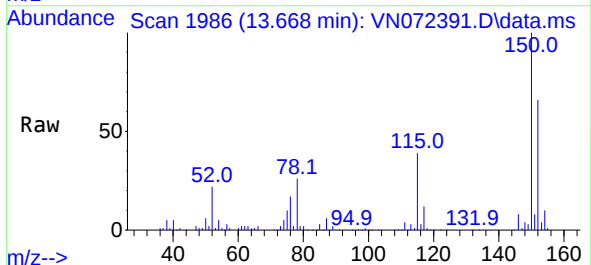
Tgt Ion:173 Resp: 4340
Ion Ratio Lower Upper
173 100
175 51.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

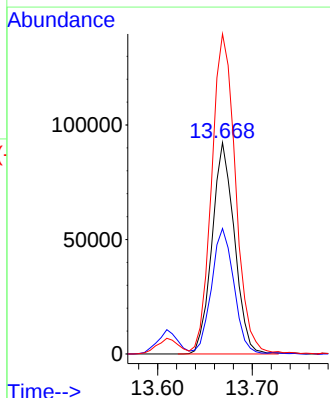
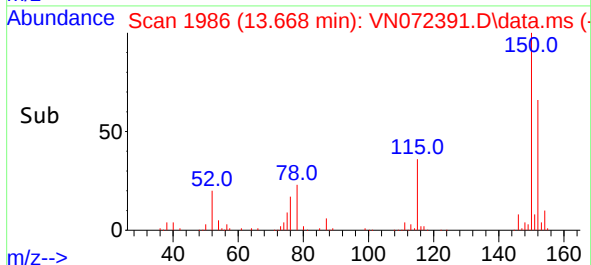
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

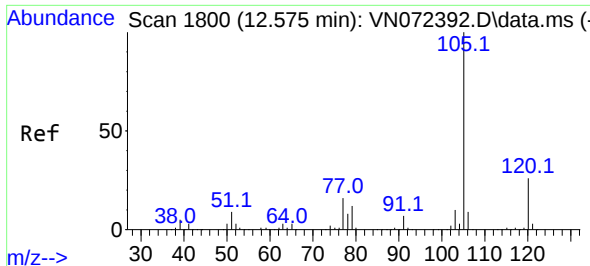


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion:152 Resp: 151673
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 161.9 0.0 356.2





#73
Isopropylbenzene
Concen: 19.595 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

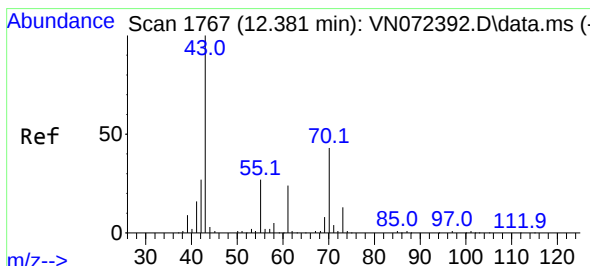
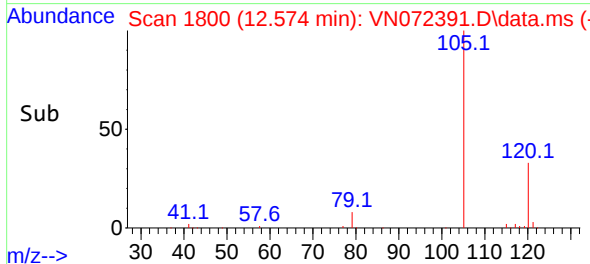
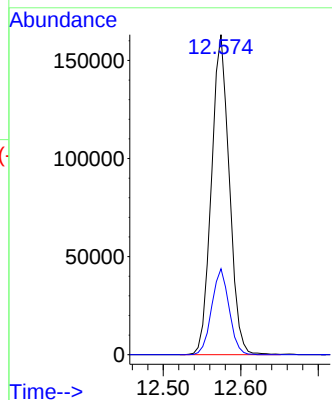
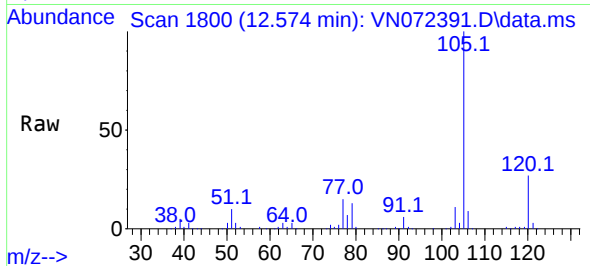
VSTDICC020

Tgt Ion:105 Resp: 261048
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

Manual Integrations

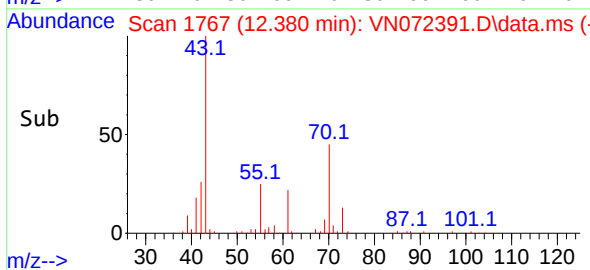
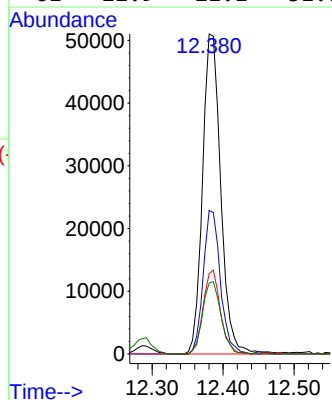
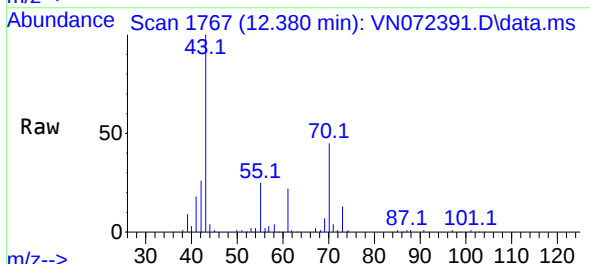
APPROVED

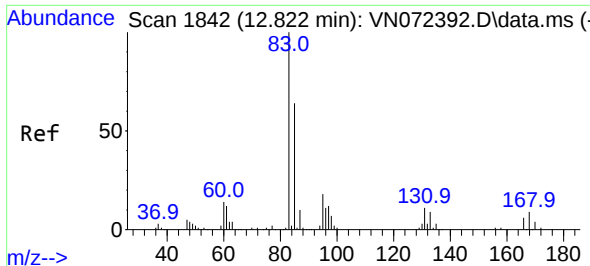
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#74
N-ethyl acetate
Concen: 18.571 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 43 Resp: 91316
Ion Ratio Lower Upper
43 100
70 42.0 39.0 58.4
55 24.8 21.1 31.7
61 22.9 21.1 31.7





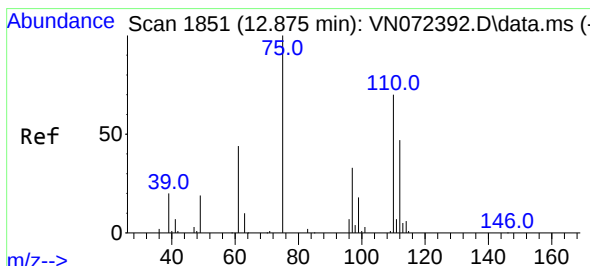
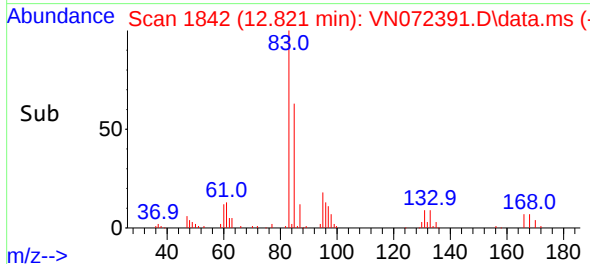
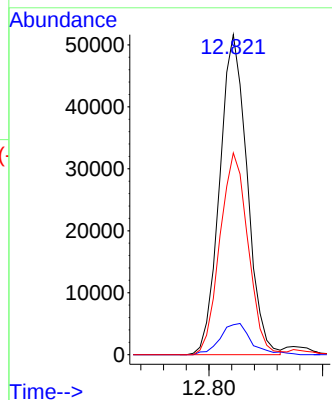
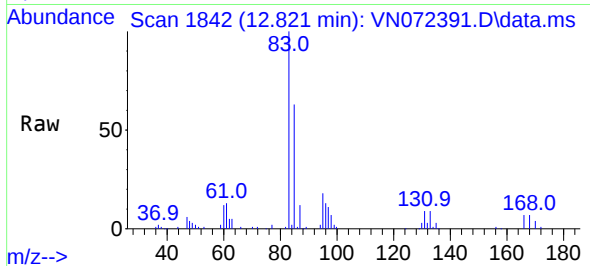
#75
1,1,2,2-Tetrachloroethane
Concen: 16.848 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 8660
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 64.8 32.3 96.9

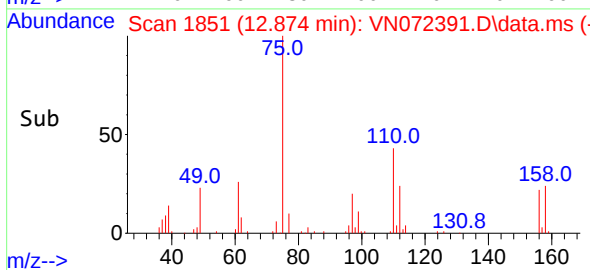
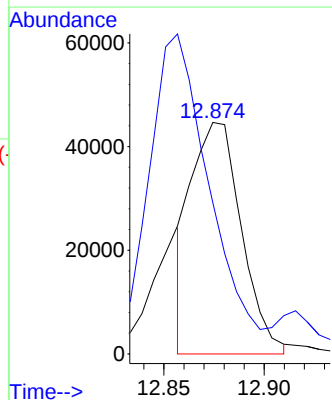
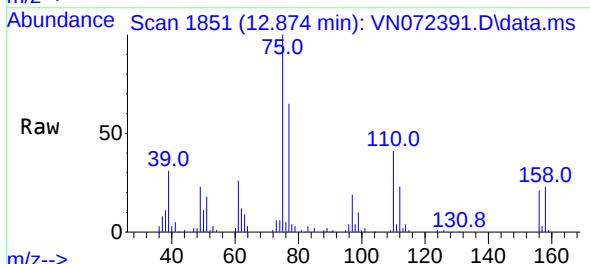
Manual Integrations
APPROVED

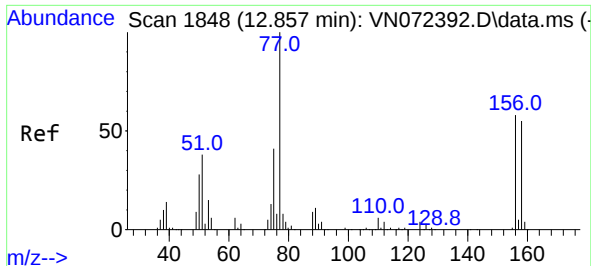
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#76
1,2,3-Trichloropropane
Concen: 17.606 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 75 Resp: 77748
Ion Ratio Lower Upper
75 100
77 166.8 98.5 295.5





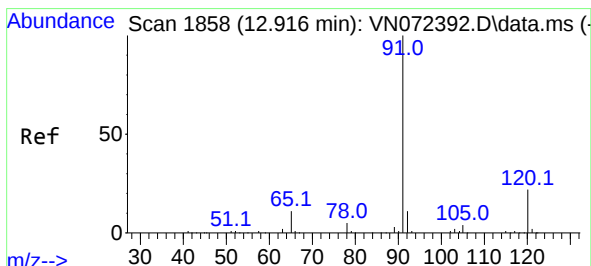
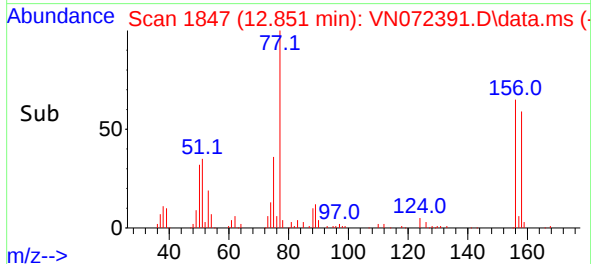
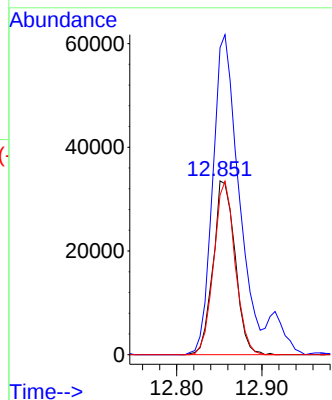
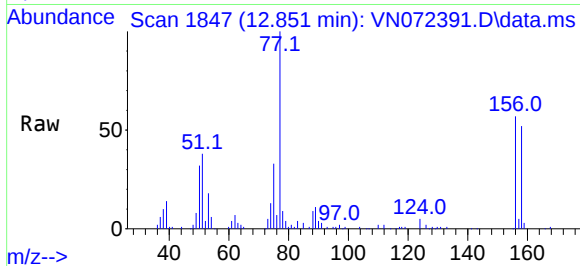
#77
Bromobenzene
Concen: 18.897 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 60044
Ion Ratio Lower Upper
156 100
77 215.9 100.5 301.5
158 96.7 48.9 146.6

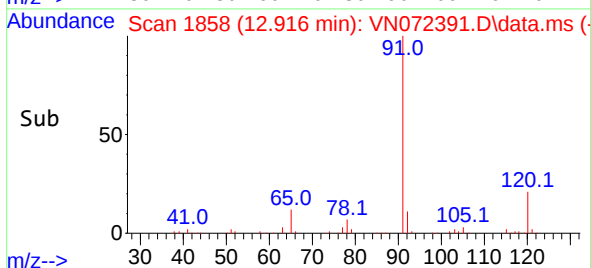
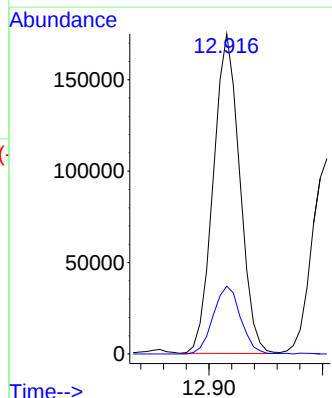
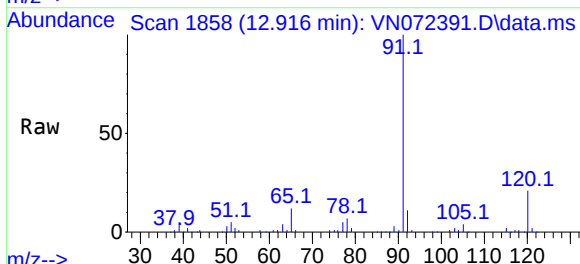
Manual Integrations
APPROVED

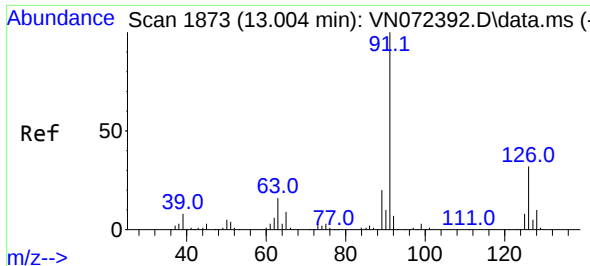
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#78
n-propylbenzene
Concen: 19.279 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 91 Resp: 282068
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





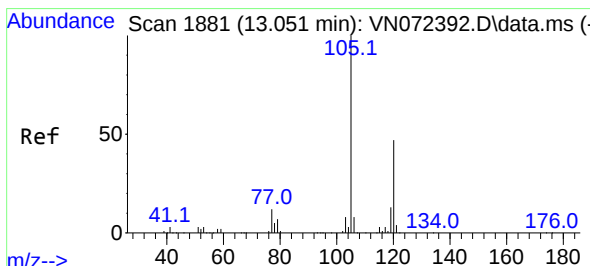
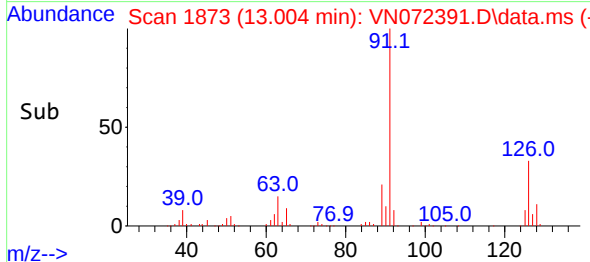
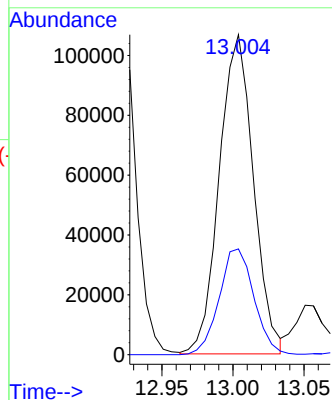
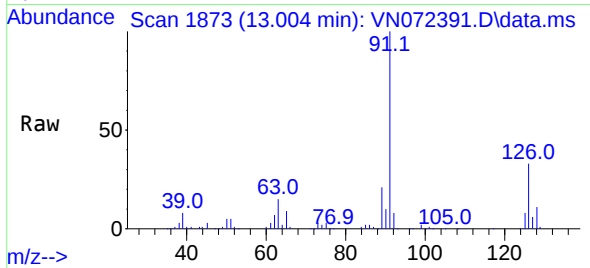
#79
2-Chlorotoluene
Concen: 18.552 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 178399
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

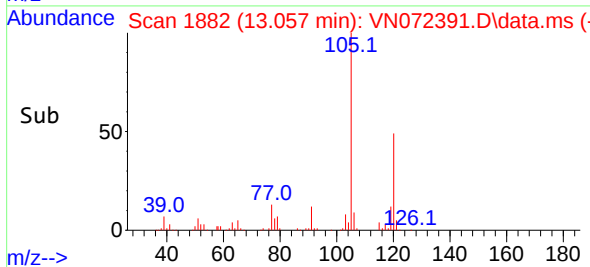
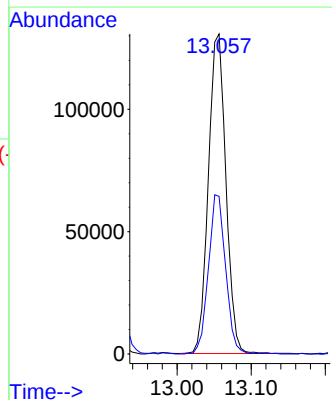
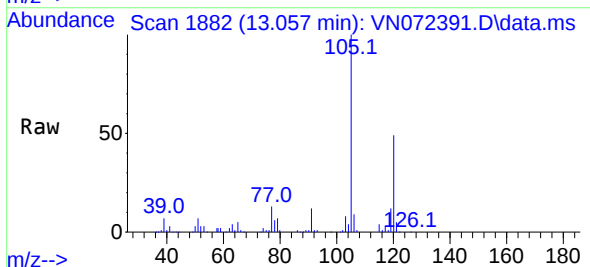
Manual Integrations
APPROVED

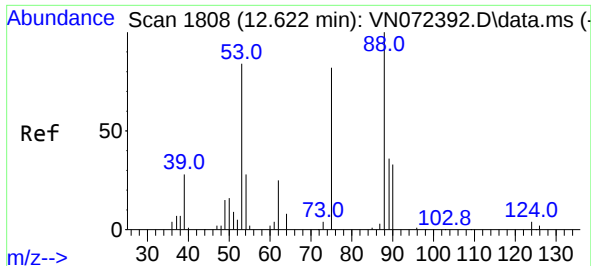
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.280 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion:105 Resp: 214561
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.7





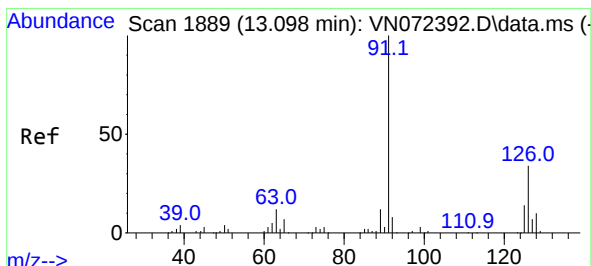
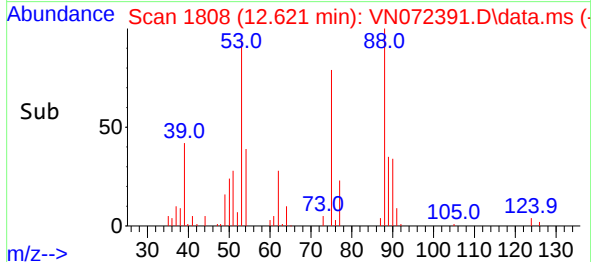
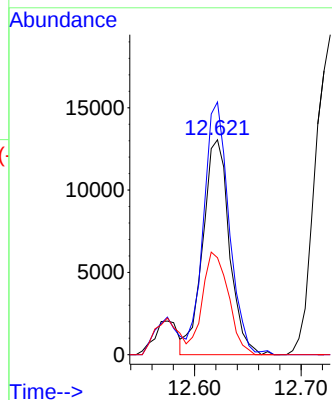
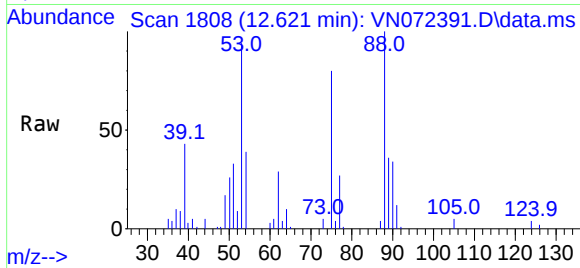
#81
trans-1,4-Dichloro-2-butene
Concen: 17.589 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2263
Ion Ratio Lower Upper
75 100
53 112.4 78.0 117.0
89 46.8 37.2 55.8

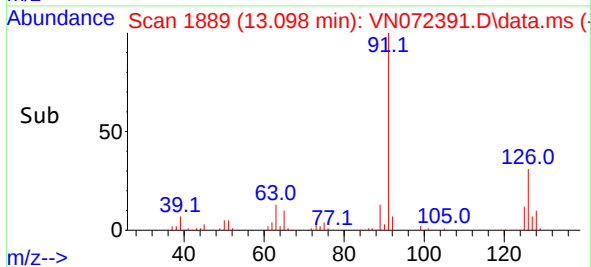
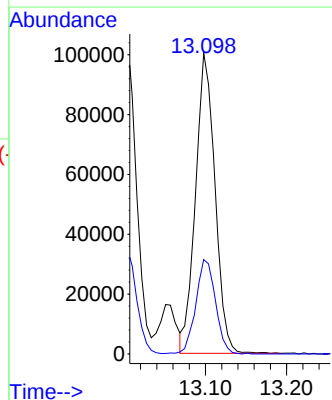
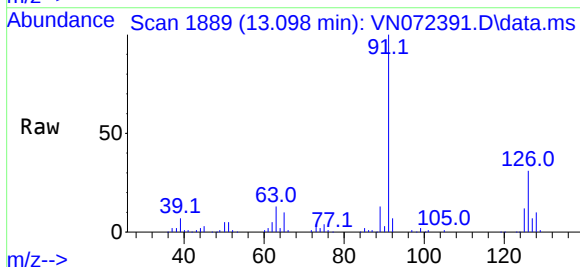
Manual Integrations
APPROVED

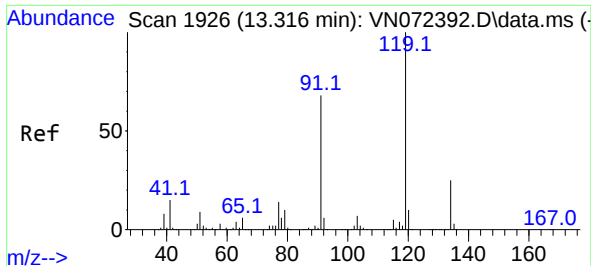
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#82
4-Chlorotoluene
Concen: 18.713 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Tgt Ion: 91 Resp: 167377
Ion Ratio Lower Upper
91 100
126 31.8 17.2 51.6





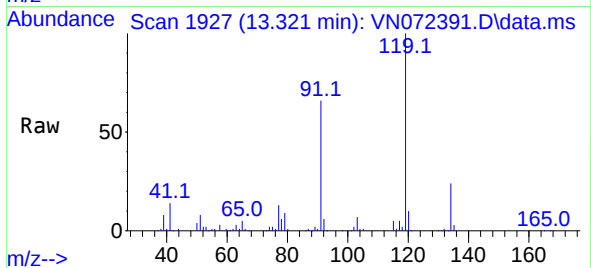
#83
tert-Butylbenzene
Concen: 19.629 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



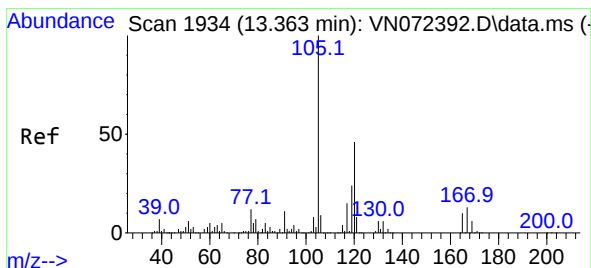
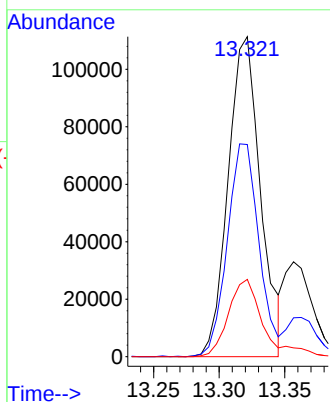
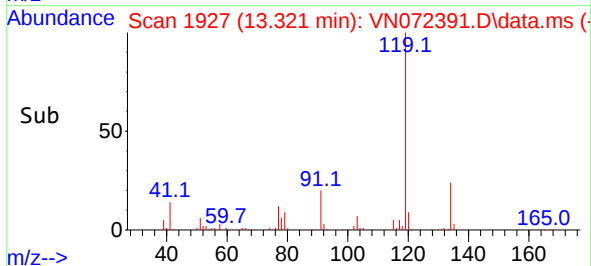
Tgt Ion:119 Resp: 191449
Ion Ratio Lower Upper
119 100
91 64.9 31.6 94.8
134 25.8 13.7 41.1

Manual Integrations

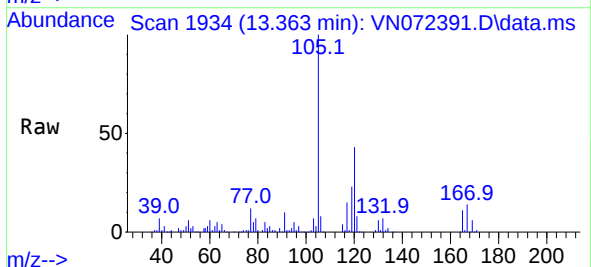
APPROVED

Reviewed By :John Carlone 05/11/2022

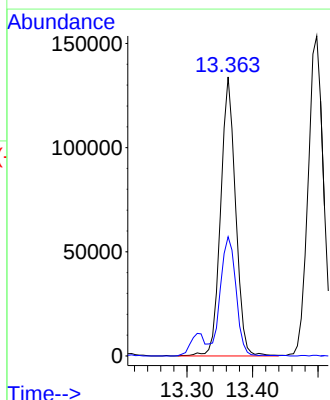
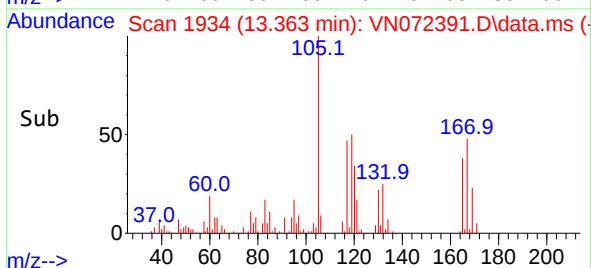
Supervised By :Mahesh Dadoda 05/11/2022

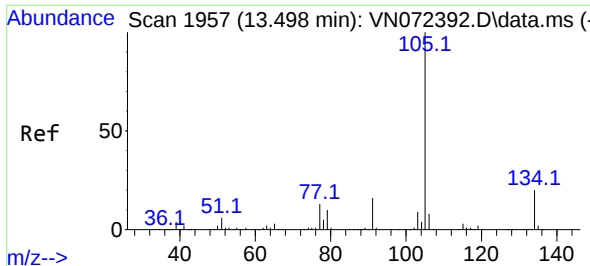


#84
1,2,4-Trimethylbenzene
Concen: 19.685 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion:105 Resp: 210764
Ion Ratio Lower Upper
105 100
120 44.8 23.3 69.8





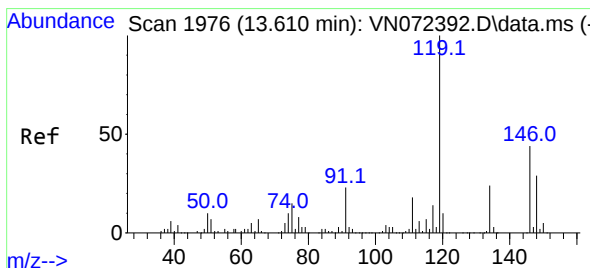
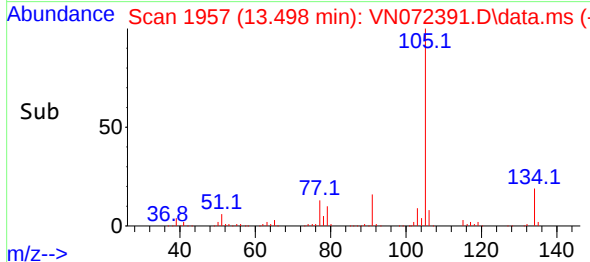
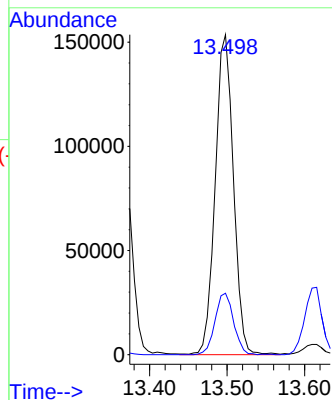
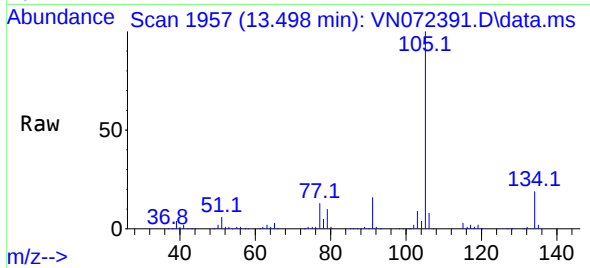
#85
 sec-Butylbenzene
 Concen: 19.680 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072391.D
 Acq: 10 May 2022 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 25049
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

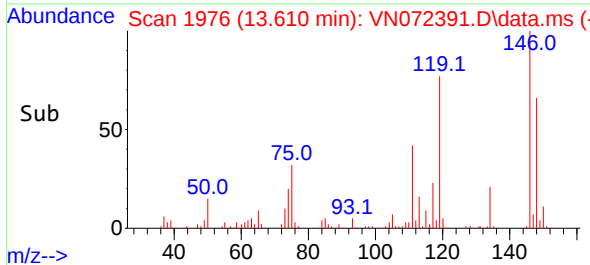
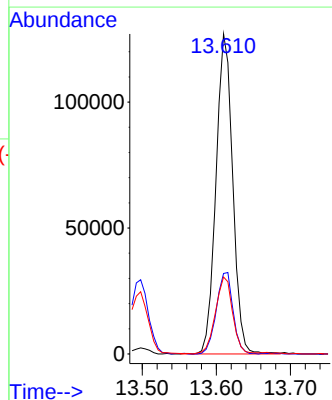
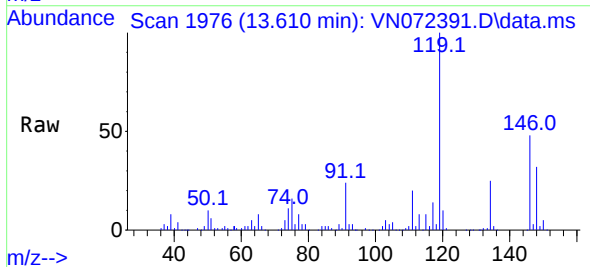
Manual Integrations
 APPROVED

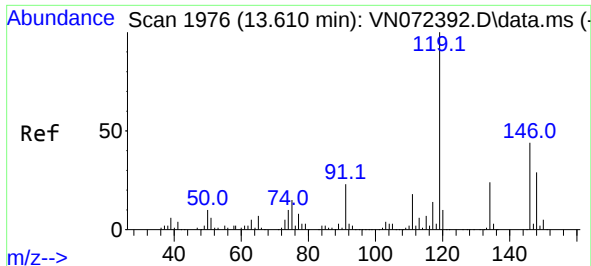
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#86
 p-Isopropyltoluene
 Concen: 20.092 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072391.D
 Acq: 10 May 2022 14:18

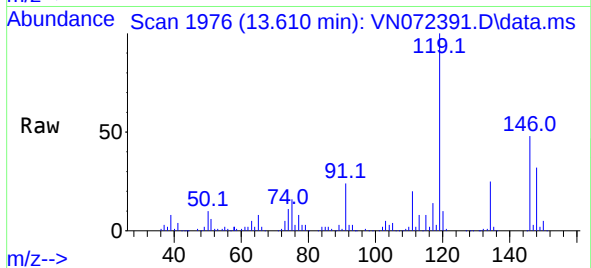
Tgt Ion:119 Resp: 199309
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 24.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.869 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

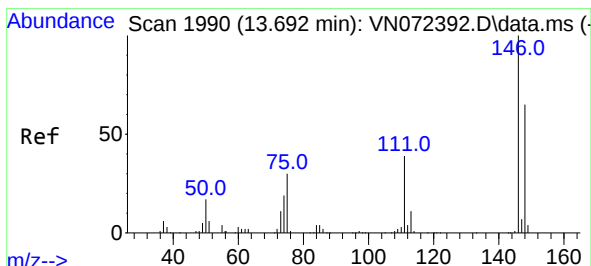
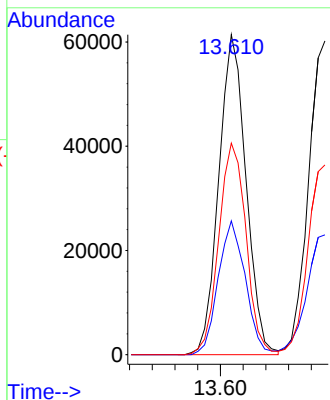
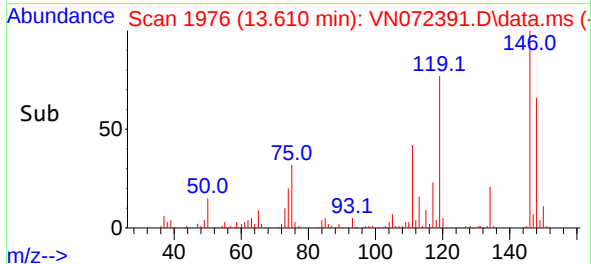
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



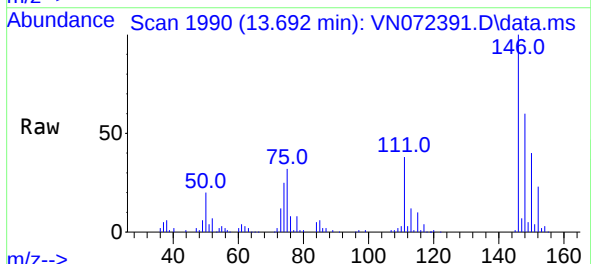
Tgt Ion:146 Resp: 10231
Ion Ratio Lower Upper
146 100
111 41.8 20.0 60.0
148 66.3 32.0 96.0

Manual Integrations
APPROVED

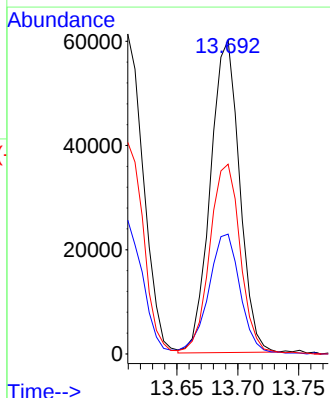
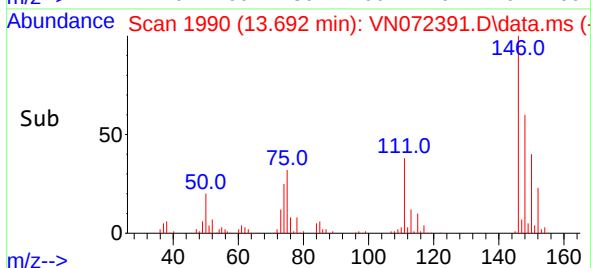
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

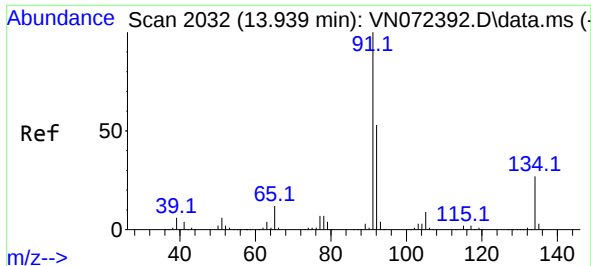


#88
1,4-Dichlorobenzene
Concen: 19.954 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion:146 Resp: 99969
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.1
148 64.3 31.4 94.3





#89

n-Butylbenzene

Concen: 19.233 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN072391.D

Acq: 10 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 14530

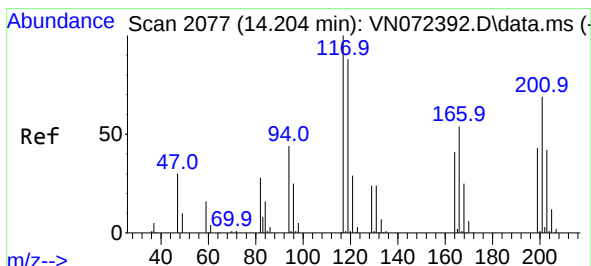
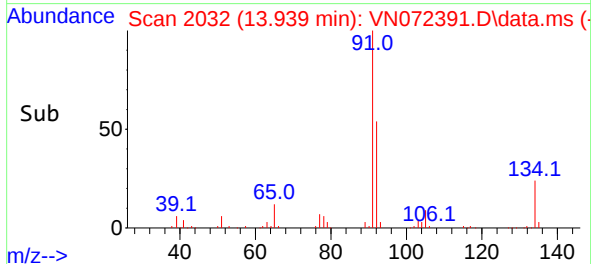
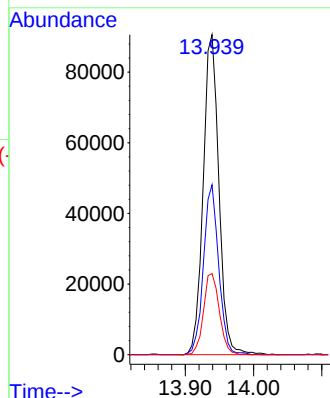
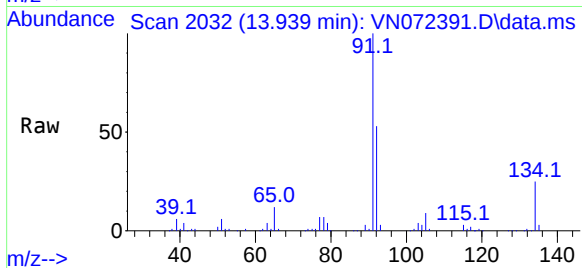
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.9	80.7
134	25.5	13.6	40.8

Manual Integrations

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Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#90

Hexachloroethane

Concen: 17.082 ug/l

RT: 14.204 min Scan# 2077

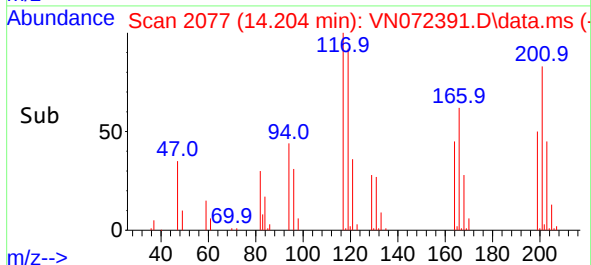
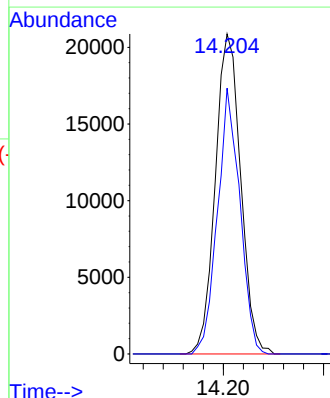
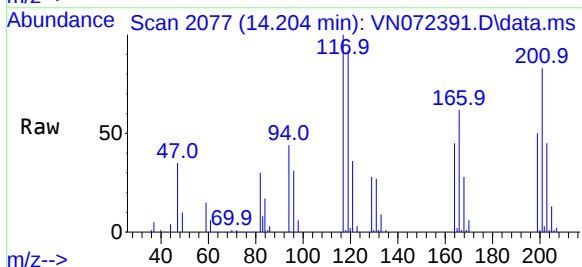
Delta R.T. -0.000 min

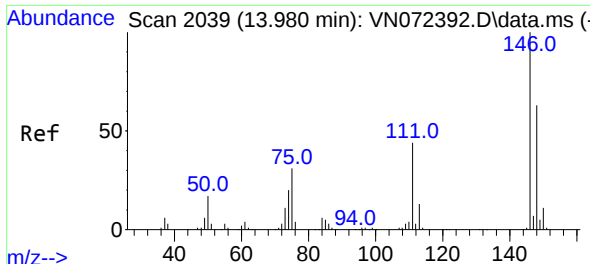
Lab File: VN072391.D

Acq: 10 May 2022 14:18

Tgt Ion:117 Resp: 36656

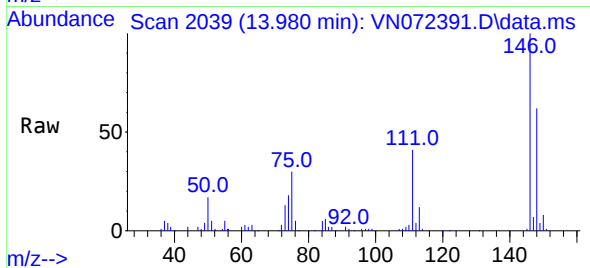
Ion	Ratio	Lower	Upper
117	100		
201	73.3	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 20.671 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

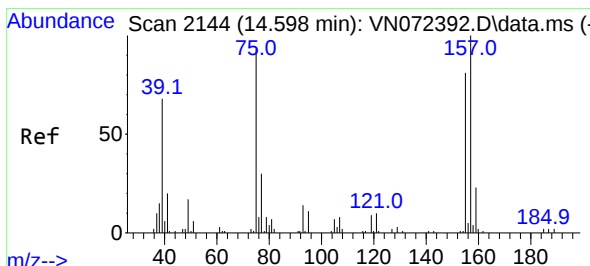
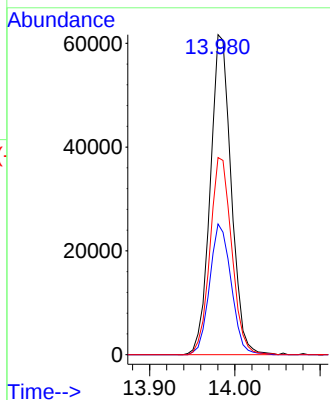
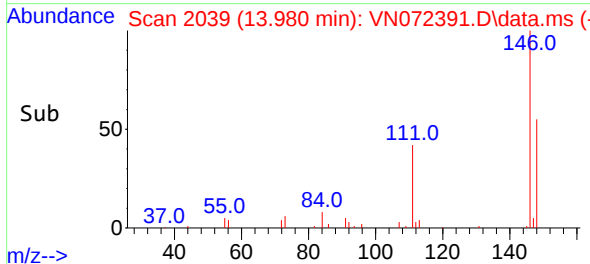
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



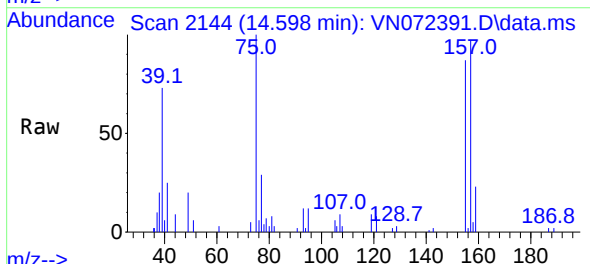
Tgt Ion:146 Resp: 105410
Ion Ratio Lower Upper
146 100
111 42.0 20.9 62.8
148 64.0 32.1 96.3

Manual Integrations
APPROVED

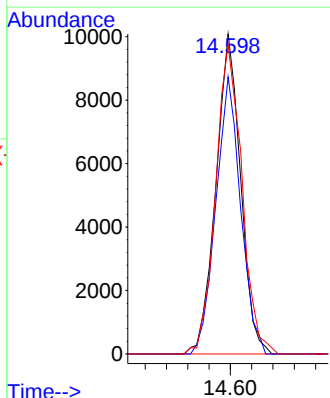
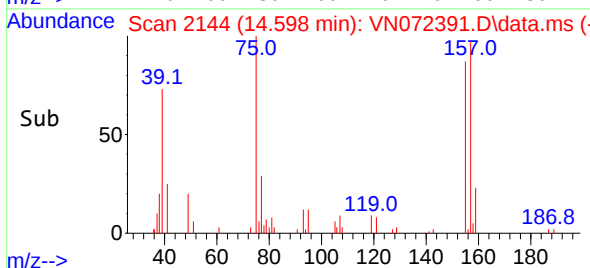
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

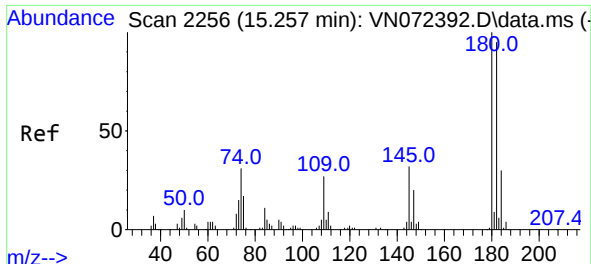


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.647 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion: 75 Resp: 16179
Ion Ratio Lower Upper
75 100
155 87.1 44.9 134.5
157 102.7 59.0 176.8





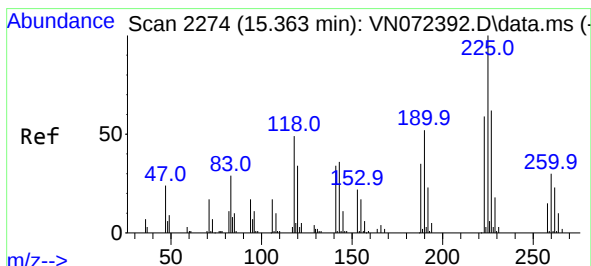
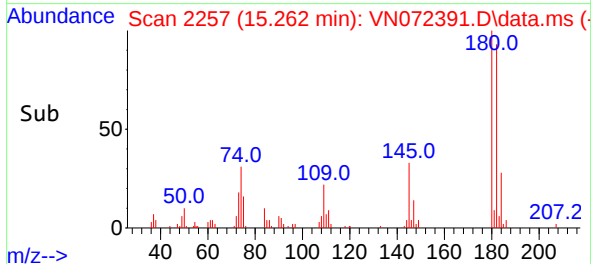
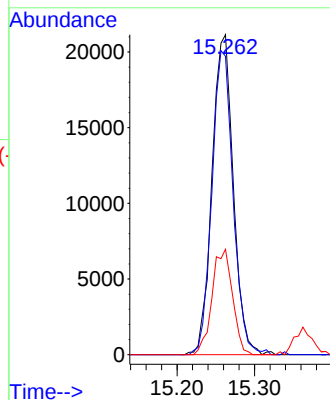
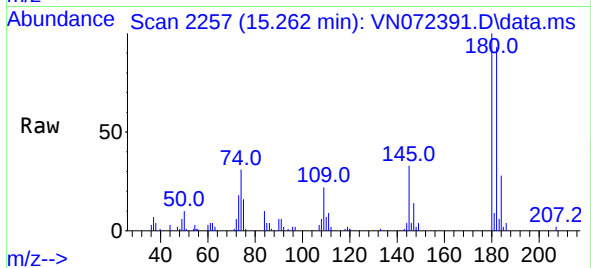
#93
1,2,4-Trichlorobenzene
Concen: 20.202 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 40294
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 31.7 14.5 43.5

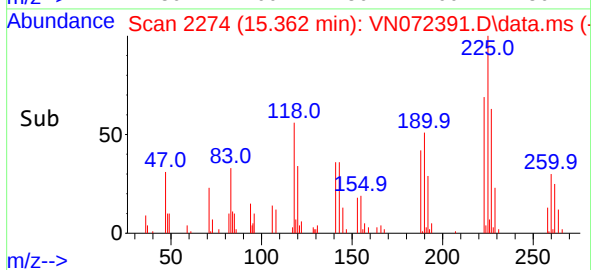
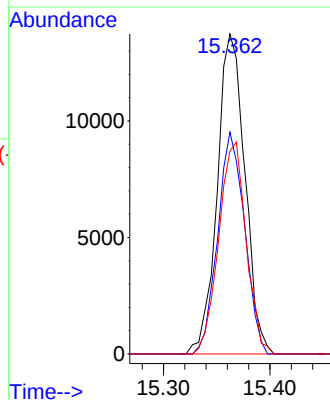
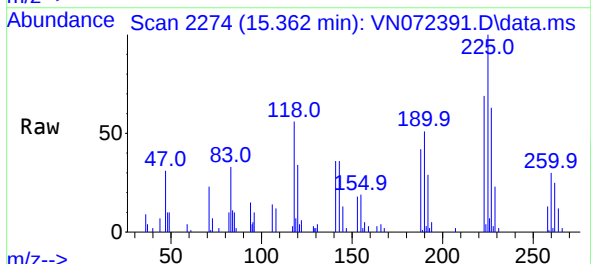
Manual Integrations
APPROVED

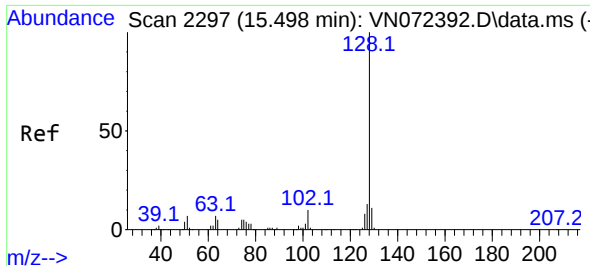
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#94
Hexachlorobutadiene
Concen: 18.196 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

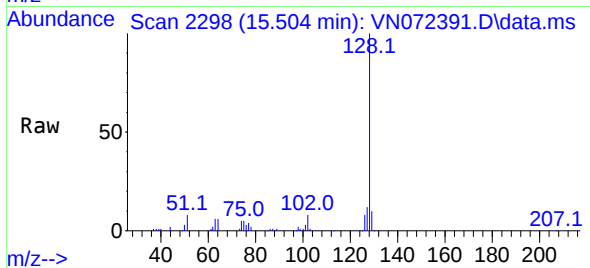
Tgt Ion:225 Resp: 24728
Ion Ratio Lower Upper
225 100
223 67.3 32.4 97.2
227 65.7 31.8 95.4





#95
Naphthalene
Concen: 19.930 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18

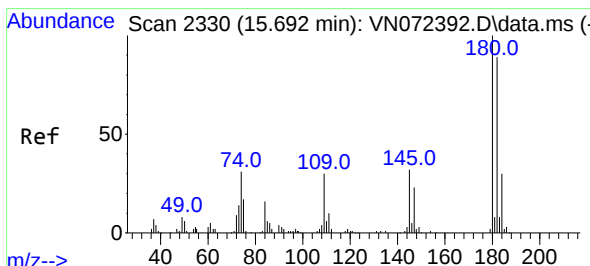
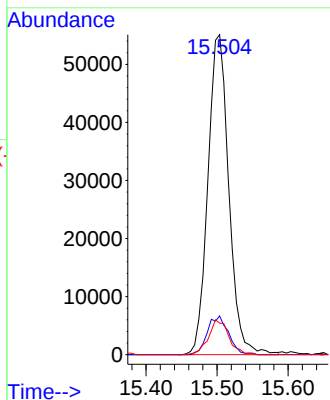
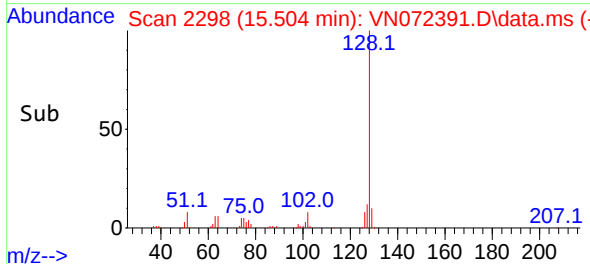
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



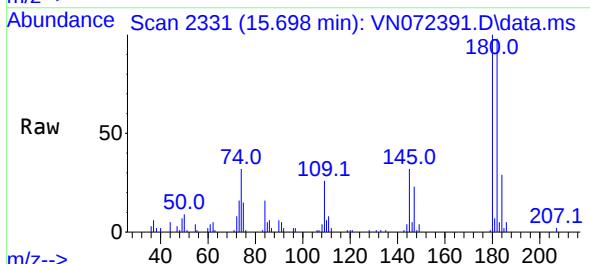
Tgt Ion:128 Resp: 112730
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.650 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072391.D
Acq: 10 May 2022 14:18



Tgt Ion:180 Resp: 40078
Ion Ratio Lower Upper
180 100
182 98.4 47.8 143.3
145 35.5 15.5 46.5

