

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072388.D
 Acq On : 10 May 2022 13:06
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: May 10 15:29:07 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	244481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	414073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	351871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	117082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	3304	1.077	ug/l	98
3) Chloromethane	2.304	50	4281	1.154	ug/l #	88
4) Vinyl Chloride	2.440	62	2654	0.965	ug/l	97
6) Chloroethane	3.010	64	2404	1.366	ug/l	95
7) Trichlorofluoromethane	3.375	101	4567	0.941	ug/l #	73
8) Diethyl Ether	3.822	74	1604m	0.922	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.204	101	2682m	1.053	ug/l	
12) 1,1-Dichloroethene	4.181	96	2389	1.016	ug/l #	68
14) Allyl chloride	4.845	41	4498	0.935	ug/l #	89
15) Acrylonitrile	5.551	53	7711	4.223	ug/l	92
16) Acetone	4.298	43	8033	5.031	ug/l	94
17) Carbon Disulfide	4.534	76	6400	1.047	ug/l #	89
18) Methyl Acetate	4.869	43	4503	0.892	ug/l	98
19) Methyl tert-butyl Ether	5.622	73	8492m	0.930	ug/l	
20) Methylene Chloride	5.092	84	3433	1.109	ug/l #	88
21) trans-1,2-Dichloroethene	5.598	96	2470	0.954	ug/l	85
22) Diisopropyl ether	6.492	45	9144	0.924	ug/l #	93
23) Vinyl Acetate	6.439	43	34979	4.212	ug/l #	93
24) 1,1-Dichloroethane	6.386	63	5227	0.942	ug/l #	82
25) 2-Butanone	7.333	43	12870	5.075	ug/l	91
26) 2,2-Dichloropropane	7.310	77	4644	1.064	ug/l #	53
27) cis-1,2-Dichloroethene	7.322	96	3113	0.990	ug/l	69
28) Bromochloromethane	7.657	49	2191	0.898	ug/l #	87
29) Tetrahydrofuran	7.686	42	7146	4.291	ug/l #	88
30) Chloroform	7.822	83	5066	0.903	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	4841	1.008	ug/l #	48
36) 1,1-Dichloropropene	8.210	75	4013	1.028	ug/l #	89
37) Ethyl Acetate	7.422	43	4092	0.804	ug/l #	95
38) Carbon Tetrachloride	8.204	117	4382	1.038	ug/l #	82
39) Methylcyclohexane	9.463	83	3889	0.888	ug/l #	88
40) Benzene	8.457	78	11141	0.927	ug/l	93
41) Methacrylonitrile	7.628	41	2019m	0.796	ug/l	
42) 1,2-Dichloroethane	8.528	62	4698	1.017	ug/l	85
43) Isopropyl Acetate	8.551	43	6855	0.820	ug/l #	94
44) Trichloroethene	9.210	130	2893	1.020	ug/l	90
45) 1,2-Dichloropropane	9.486	63	2587	0.801	ug/l #	85

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Manual Integrations
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 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 10 15:29:07 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)
46) Dibromomethane	9.580	93	1984	0.968	ug/l	94
47) Bromodichloromethane	9.757	83	3926	0.919	ug/l	87
48) Methyl methacrylate	9.557	41	3030	0.894	ug/l #	84
49) 1,4-Dioxane	9.569	88	1003	17.040	ug/l #	73
51) 4-Methyl-2-Pentanone	10.327	43	18169	3.792	ug/l	92
52) Toluene	10.504	92	6318	0.877	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	3805	0.884	ug/l #	81
54) cis-1,3-Dichloropropene	10.186	75	3856	0.830	ug/l	96
55) 1,1,2-Trichloroethane	10.886	97	2905	0.965	ug/l	91
56) Ethyl methacrylate	10.757	69	3277	0.738	ug/l	99
57) 1,3-Dichloropropane	11.033	76	4804	0.910	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.033	63	2514	2.446	ug/l	98
59) 2-Hexanone	11.086	43	12857	3.811	ug/l	89
60) Dibromochloromethane	11.233	129	2826	0.909	ug/l	92
61) 1,2-Dibromoethane	11.345	107	2667	0.894	ug/l	95
64) Tetrachloroethene	10.974	164	2658	1.218	ug/l #	80
65) Chlorobenzene	11.763	112	7100	0.993	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.827	131	3041	1.127	ug/l #	62
67) Ethyl Benzene	11.839	91	10639	0.858	ug/l	98
68) m/p-Xylenes	11.951	106	7811	1.686	ug/l	96
69) o-Xylene	12.280	106	3684	0.821	ug/l	91
70) Styrene	12.286	104	5364	0.760	ug/l	95
71) Bromoform	12.457	173	1944	0.962	ug/l #	97
73) Isopropylbenzene	12.574	105	8605	0.837	ug/l	100
74) N-amyl acetate	12.386	43	3244	0.855	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.827	83	4241	1.069	ug/l	89
76) 1,2,3-Trichloropropane	12.874	75	3122m	0.916	ug/l	
77) Bromobenzene	12.857	156	2360	0.962	ug/l	83
78) n-propylbenzene	12.915	91	9312	0.824	ug/l	92
79) 2-Chlorotoluene	13.004	91	6341	0.854	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	6413	0.747	ug/l	94
82) 4-Chlorotoluene	13.098	91	6227	0.902	ug/l	98
83) tert-Butylbenzene	13.321	119	5667	0.753	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	6472	0.783	ug/l	98
85) sec-Butylbenzene	13.498	105	7758	0.790	ug/l	97
86) p-Isopropyltoluene	13.610	119	5306	0.693	ug/l	93
87) 1,3-Dichlorobenzene	13.610	146	3922	0.987	ug/l	92
88) 1,4-Dichlorobenzene	13.692	146	4324m	1.118	ug/l	
89) n-Butylbenzene	13.939	91	4685	0.803	ug/l	96
90) Hexachloroethane	14.204	117	1520	0.918	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	4226	1.073	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.604	75	457	0.646	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	1389	0.902	ug/l	81
94) Hexachlorobutadiene	15.368	225	1111	1.059	ug/l	78
95) Naphthalene	15.504	128	3980	0.911	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.704	180	1403	0.936	ug/l	95

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

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

Abundance

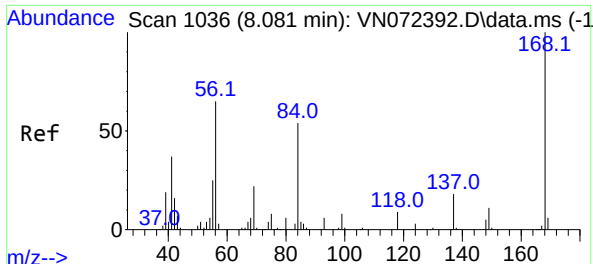
TIC: VN072388.D\data.ms

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700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0

Chloromethane,P
Vinyl Chloride,C
Dichlorodifluoromethane,T
Chloroethane,T
Trichlorofluoromethane,T
Diethyl Ether,T
1,1-Dichloroethane,T
Acetone,T
Carbon Disulfide,T
Methanol,T
Methylene Chloride,T
Acetylene,T
Benzene,T
1,1-Dichloroethane,P
Isopropyl ether,T
1,1,1-Trichloroethane,I
Carbon tetrachloride,T
Ethyl acetate,I
Methoxybenzene,T
Chloroform,C
1,1,1-Trichloroethane,I
Carbon tetrachloride,T
Benzene,TM
Isopropyl ether,TM
1,4-Difluorobenzene,I
Pentafluorobenzene,I
Trichloroethene,TM
Methoxybenzene,C
Bromodichloromethane,T
2-Chloroethyl Vinyl ether,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,CM
Ethyl Dichloroacetate,T
1,2-Dichloroethane,T
1,3-Dichlorobenzene,T
Phenylchloromethane,T
1,2-Dibromoethane,I
1,1,1-Trichloroethane,T
Chlorobenzene,P
1,2-Dichlorobenzene,I
1,3-Dichlorobenzene,I
Benzene,T
Isopropyl ether,T
Bromochloromethane,T
Isopropylbenzene,T
1,4-Dichlorobenzene,P
1,2-Dichlorobenzene,T
tert-Butylbenzene,T
sec-Butylbenzene,T
Benzene,T
1,2-Dichlorobenzene,T
1,3-Dichlorobenzene,T
Hexachloroethane,T
1,2-Dibromo-3-Chloropropane,T
1,2,4-Trichlorobenzene,T
Hexachlorocyclohexene,T
Naphthalene,T
1,2,3-Trichlorobenzene,T



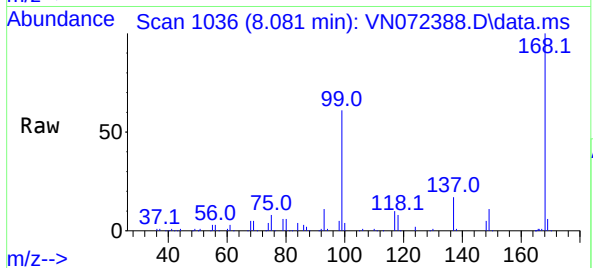
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



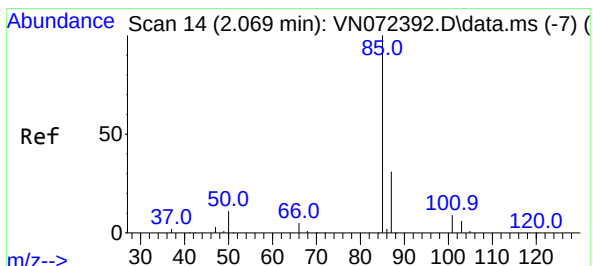
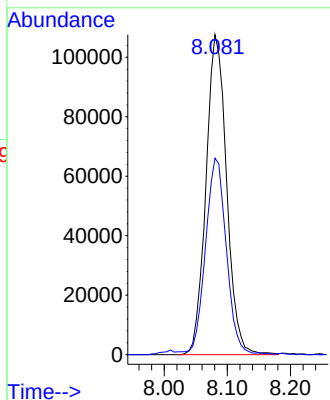
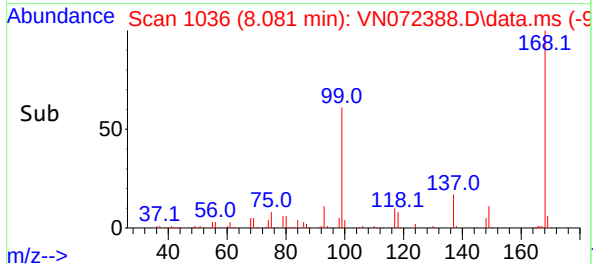
Tgt Ion:168 Resp: 24448
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5

Manual Integrations

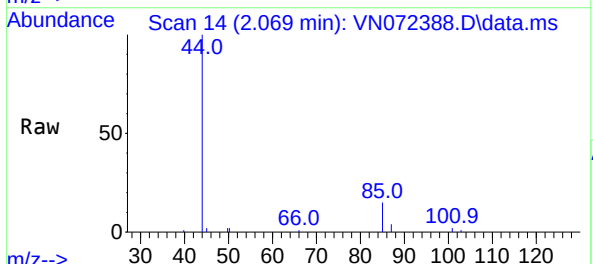
APPROVED

Reviewed By :John Carlone 05/11/2022

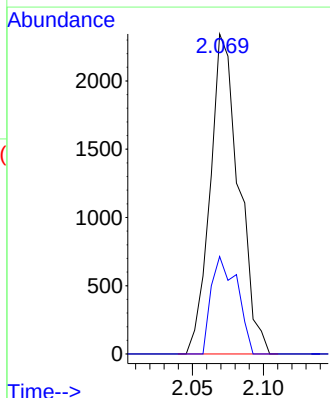
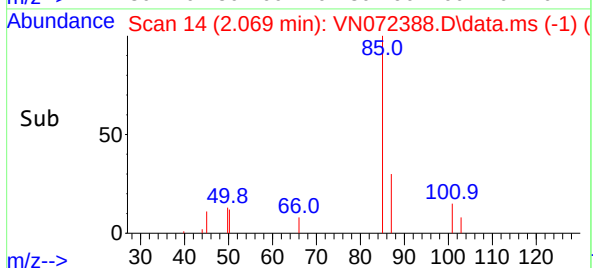
Supervised By :Mahesh Dadoda 05/11/2022

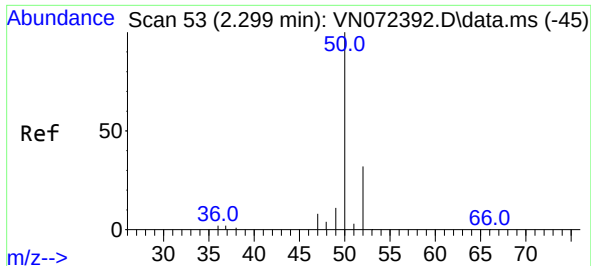


#2
Dichlorodifluoromethane
Concen: 1.077 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion: 85 Resp: 3304
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.1





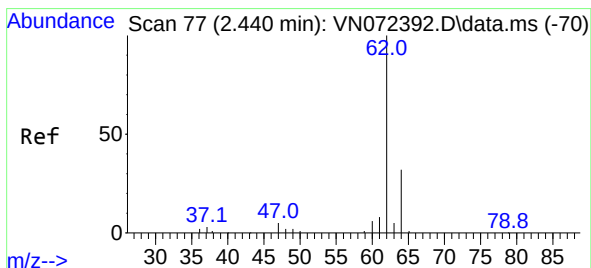
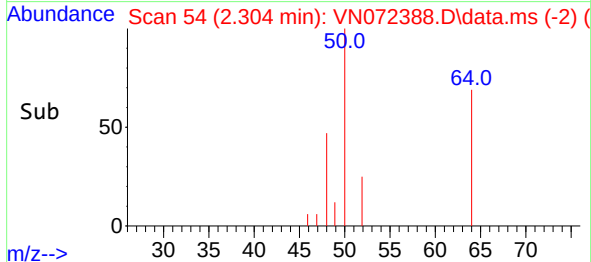
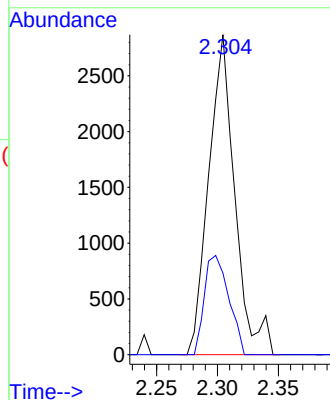
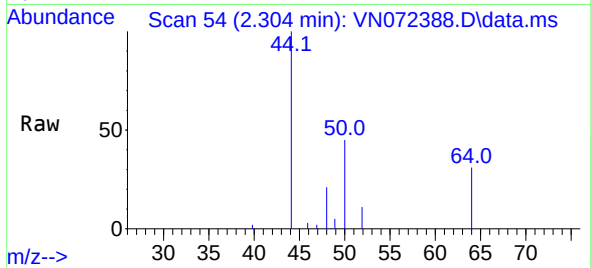
#3
Chloromethane
Concen: 1.154 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 25.5 25.7 38.5

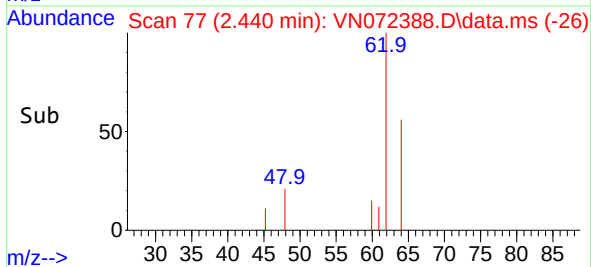
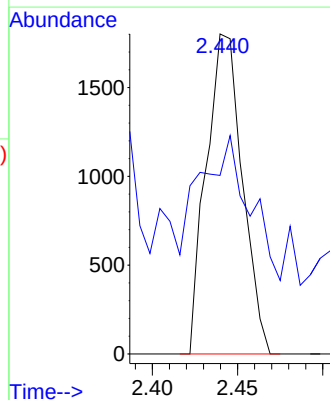
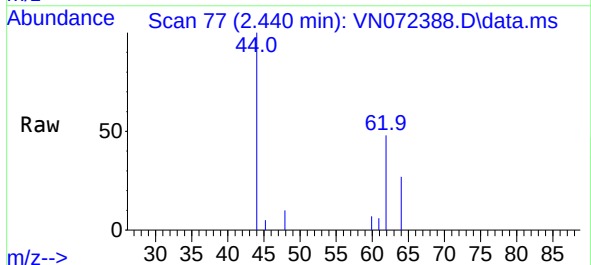
Manual Integrations
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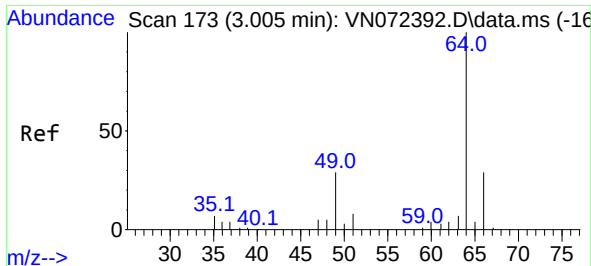
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#4
Vinyl Chloride
Concen: 0.965 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion: 62 Resp: 2654
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.4





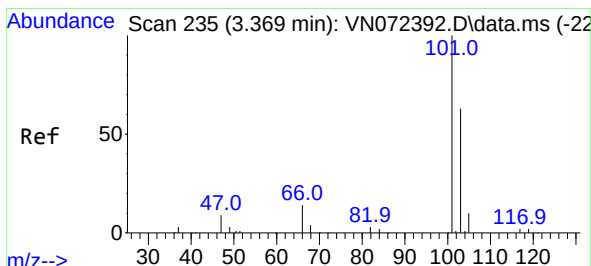
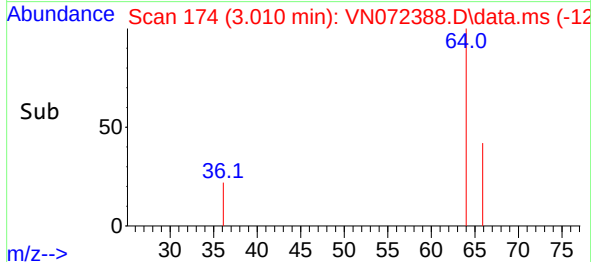
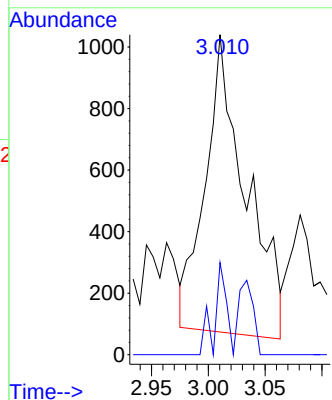
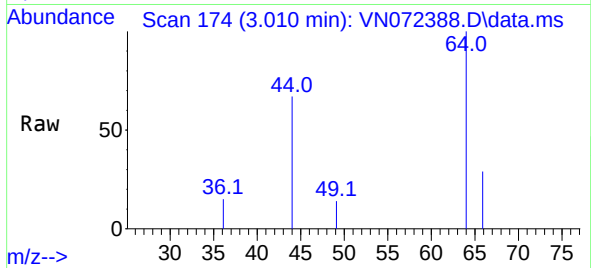
#6
Chloroethane
Concen: 1.366 ug/l
RT: 3.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 2404
Ion Ratio Lower Upper
64 100
66 35.7 26.2 39.4

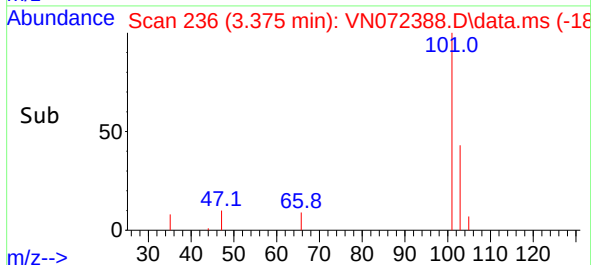
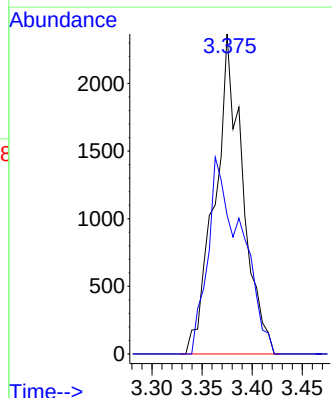
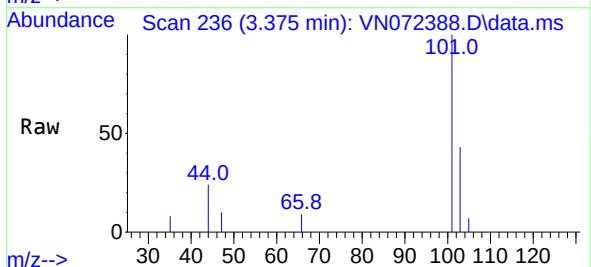
Manual Integrations
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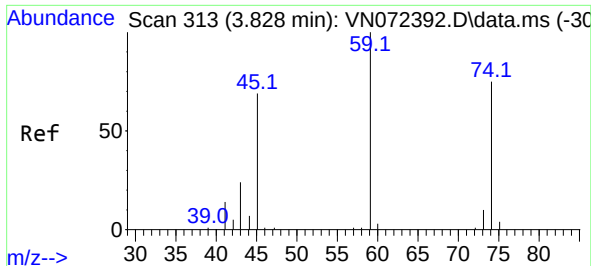
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#7
Trichlorofluoromethane
Concen: 0.941 ug/l
RT: 3.375 min Scan# 236
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

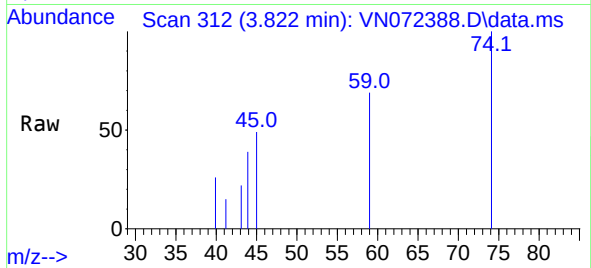
Tgt Ion:101 Resp: 4567
Ion Ratio Lower Upper
101 100
103 43.4 51.5 77.3#





#8
Diethyl Ether
Concen: 0.922 ug/l m
RT: 3.822 min Scan# 313
Delta R.T. -0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

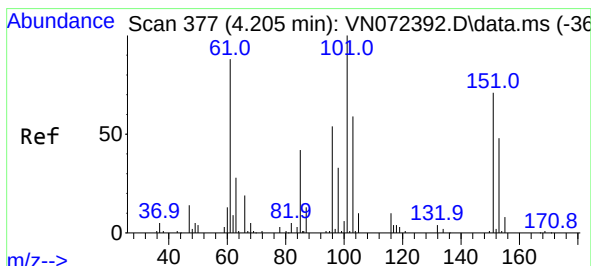
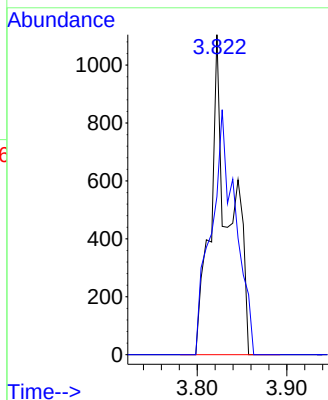
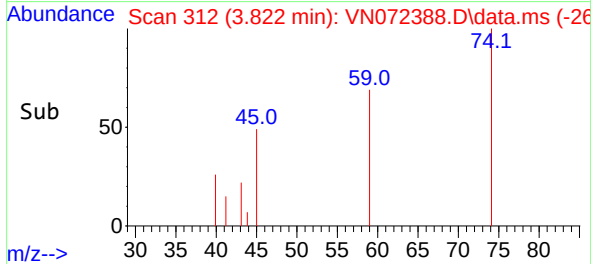
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



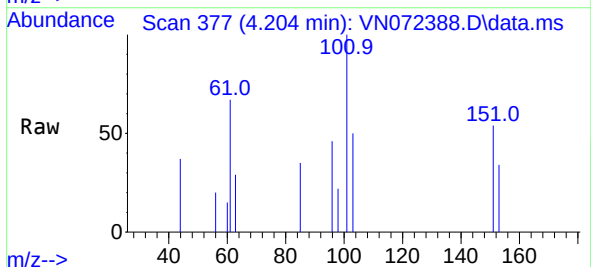
Tgt Ion: 74 Resp: 1604
Ion Ratio Lower Upper
74 100
45 98.9 42.9 128.5

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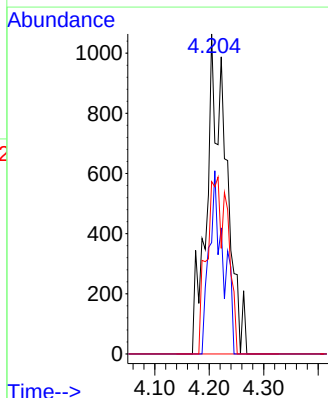
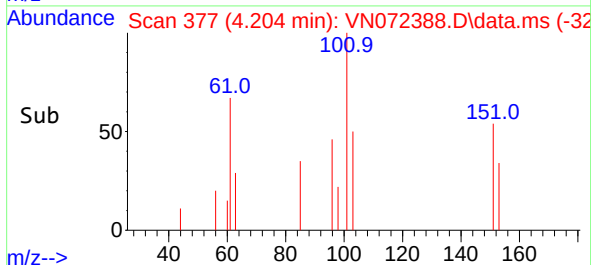
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

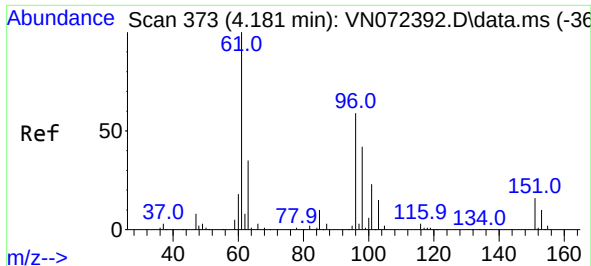


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.053 ug/l m
RT: 4.204 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion:101 Resp: 2682
Ion Ratio Lower Upper
101 100
85 41.0 34.7 52.1
151 59.1 63.0 94.4#





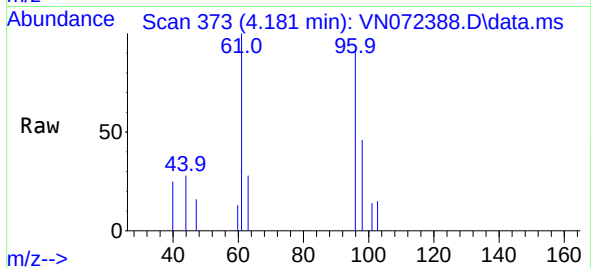
#12
1,1-Dichloroethene
Concen: 1.016 ug/l
RT: 4.181 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

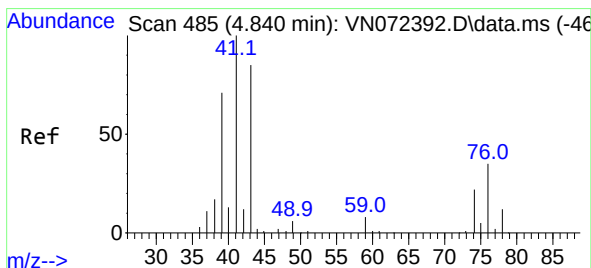
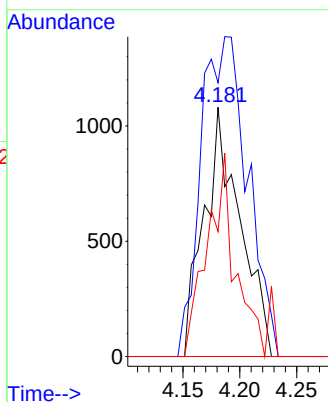
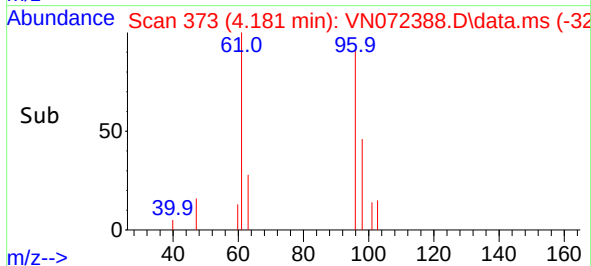


Tgt Ion: 96 Resp: 2389
Ion Ratio Lower Upper
96 100
61 109.8 127.6 191.4
98 50.1 51.2 76.8

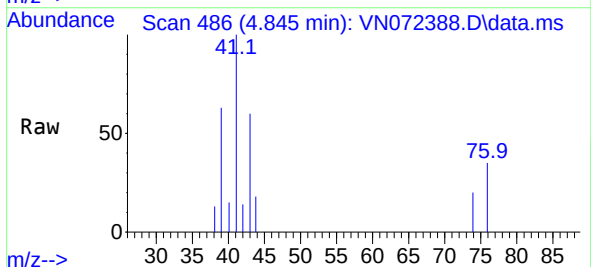
Manual Integrations

APPROVED

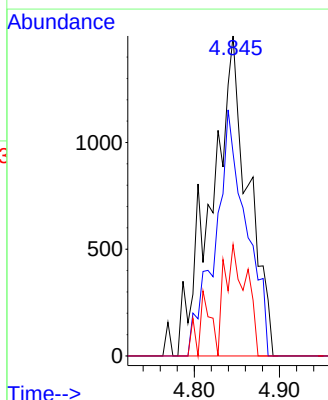
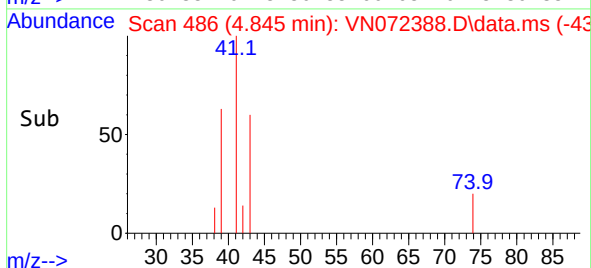
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

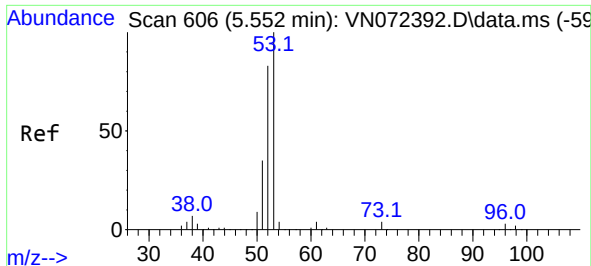


#14
Allyl chloride
Concen: 0.935 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



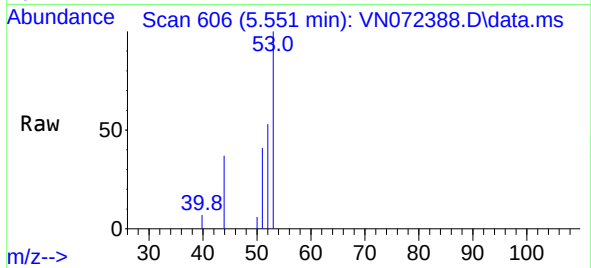
Tgt Ion: 41 Resp: 4498
Ion Ratio Lower Upper
41 100
39 65.3 53.2 79.8
76 20.5 29.9 44.9





#15
Acrylonitrile
Concen: 4.223 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

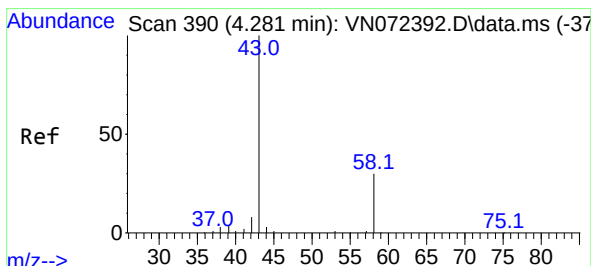
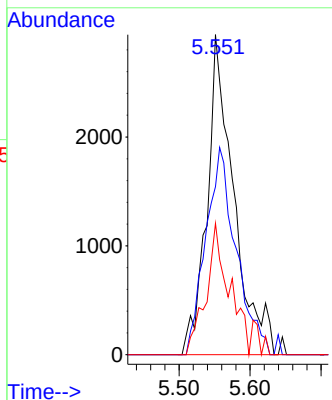
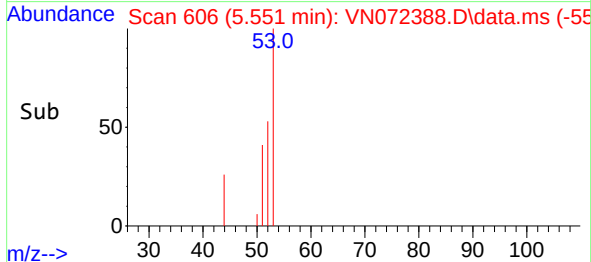
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



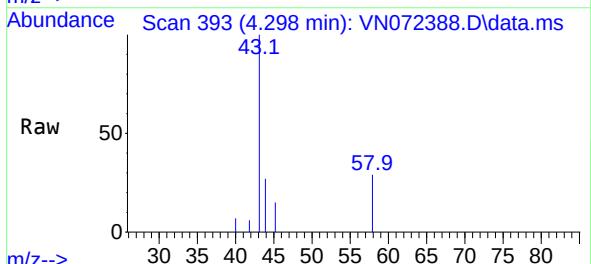
Tgt Ion: 53 Resp: 771
Ion Ratio Lower Upper
53 100
52 73.2 66.4 99.6
51 35.5 28.5 42.7

Manual Integrations
APPROVED

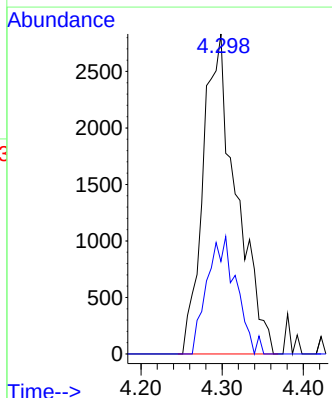
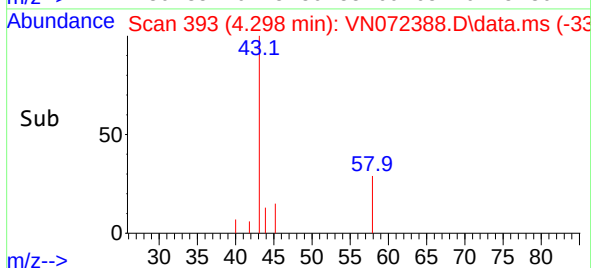
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

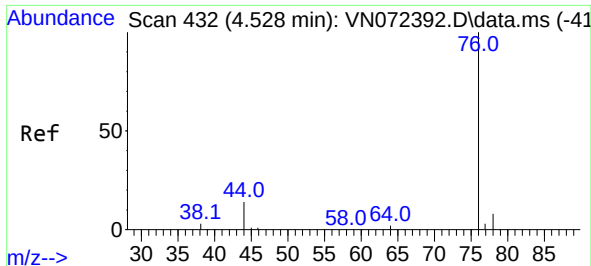


#16
Acetone
Concen: 5.031 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion: 43 Resp: 8033
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0





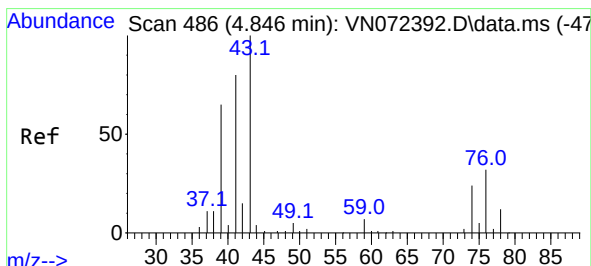
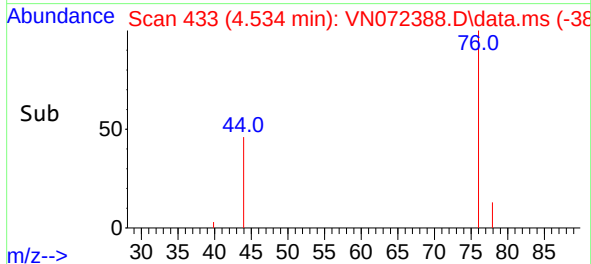
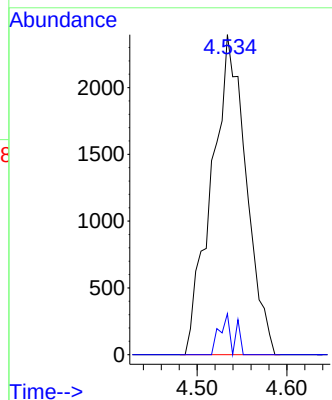
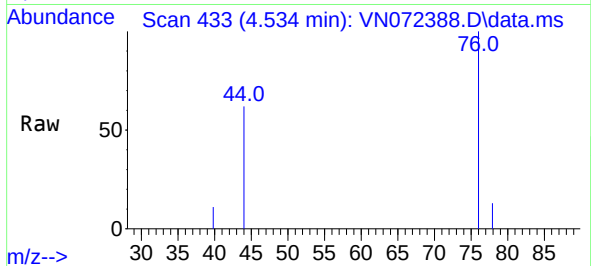
#17
Carbon Disulfide
Concen: 1.047 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 6400
Ion Ratio Lower Upper
76 100
78 12.8 7.2 10.8

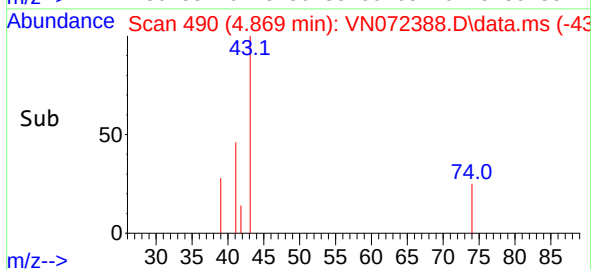
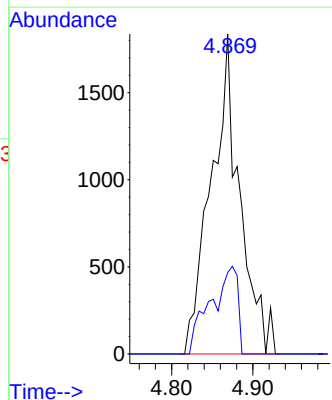
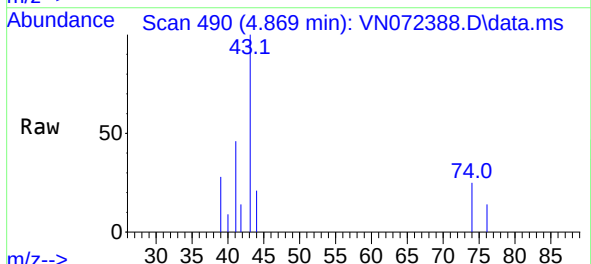
Manual Integrations
APPROVED

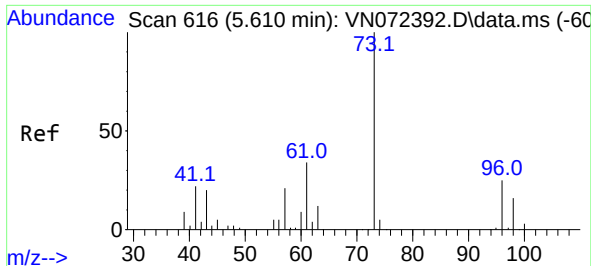
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#18
Methyl Acetate
Concen: 0.892 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

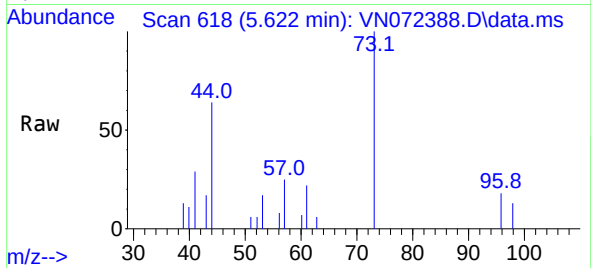
Tgt Ion: 43 Resp: 4503
Ion Ratio Lower Upper
43 100
74 25.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 0.930 ug/l m
RT: 5.622 min Scan# 616
Delta R.T. 0.011 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

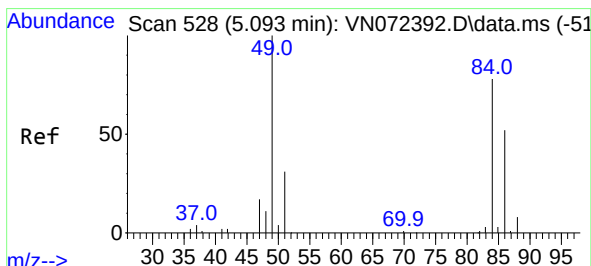
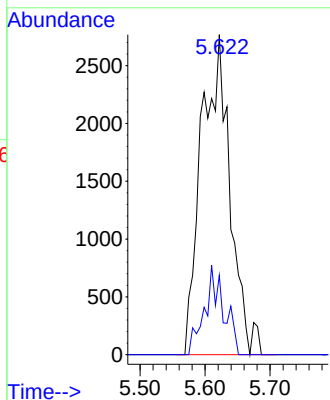
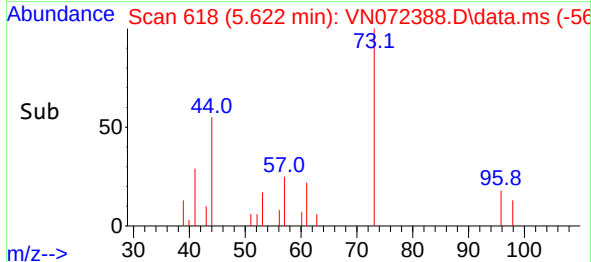
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



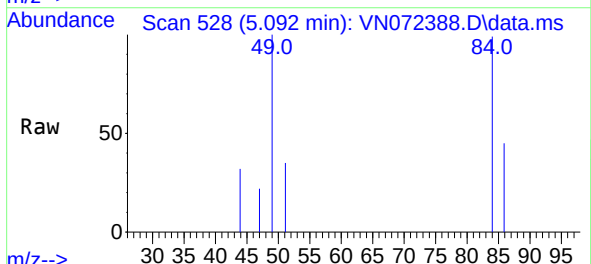
Tgt Ion: 73 Resp: 849
Ion Ratio Lower Upper
73 100
57 24.8 17.6 26.4

Manual Integrations
APPROVED

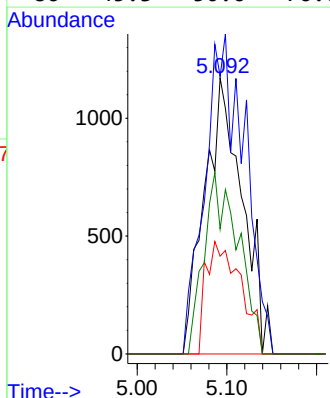
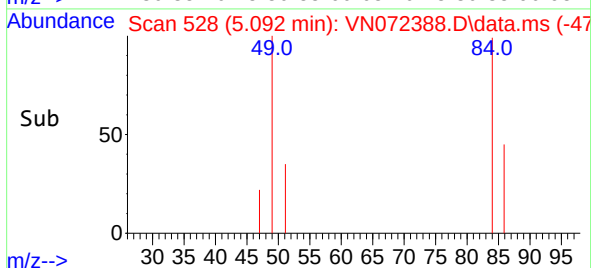
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

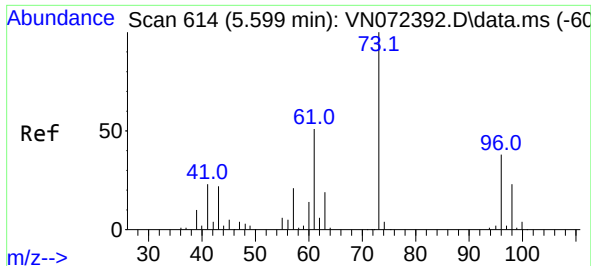


#20
Methylene Chloride
Concen: 1.109 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion: 84 Resp: 3433
Ion Ratio Lower Upper
84 100
49 100.6 88.3 132.5
51 35.4 28.2 42.2
86 45.3 50.6 76.0#





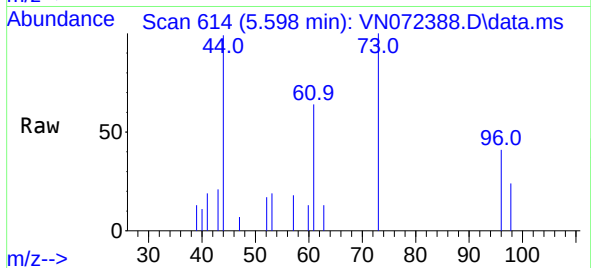
#21
trans-1,2-Dichloroethene
Concen: 0.954 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

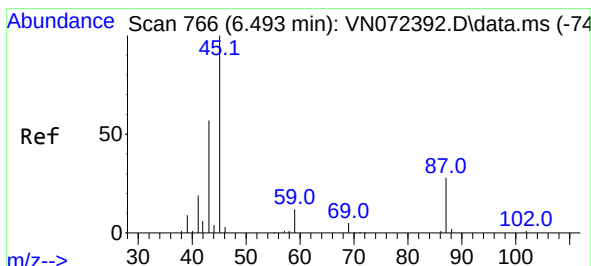
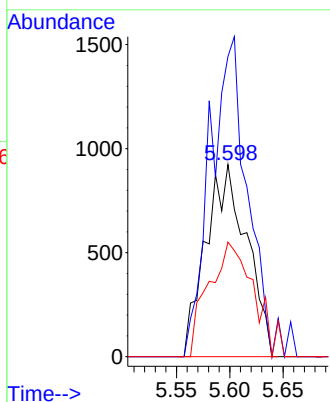
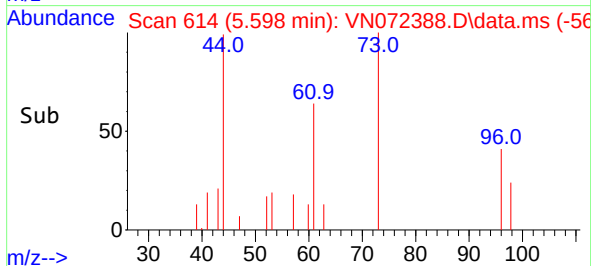


Tgt Ion: 96 Resp: 2470
Ion Ratio Lower Upper
96 100
61 156.2 105.8 158.8
98 59.6 50.3 75.5

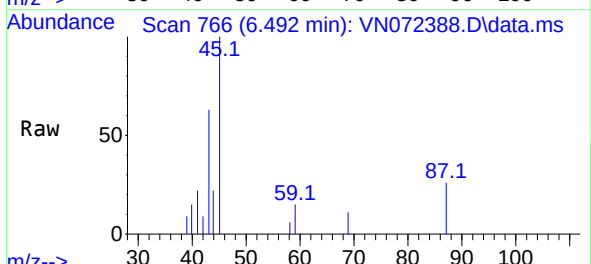
Manual Integrations

APPROVED

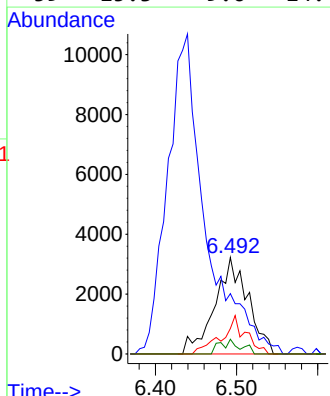
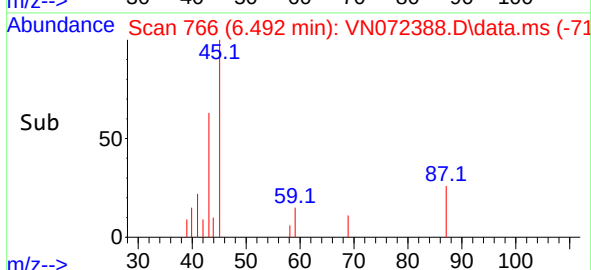
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

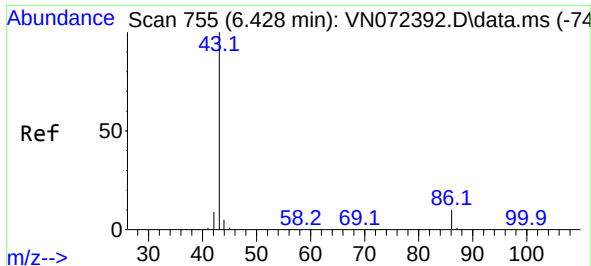


#22
Diisopropyl ether
Concen: 0.924 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



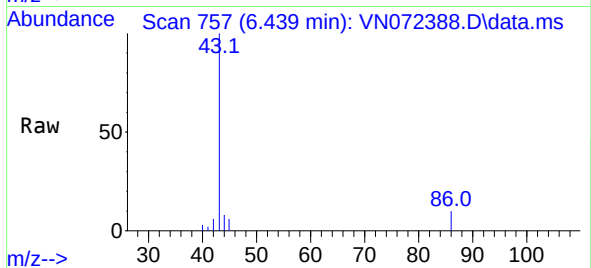
Tgt Ion: 45 Resp: 9144
Ion Ratio Lower Upper
45 100
43 53.8 46.6 70.0
87 26.4 24.3 36.5
59 15.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 4.212 ug/l
 RT: 6.439 min Scan# 755
 Delta R.T. 0.011 min
 Lab File: VN072388.D
 Acq: 10 May 2022 13:06

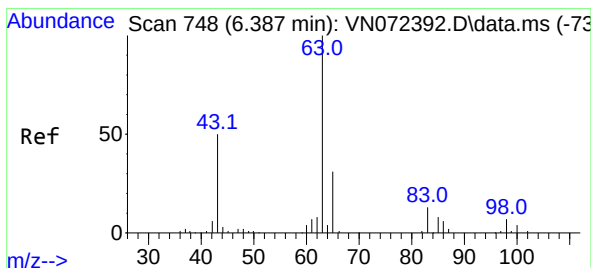
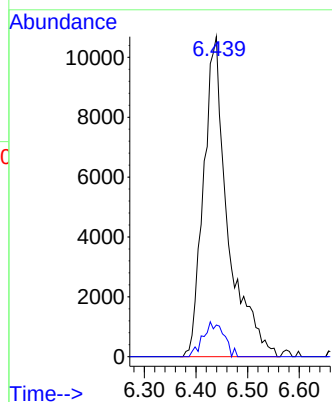
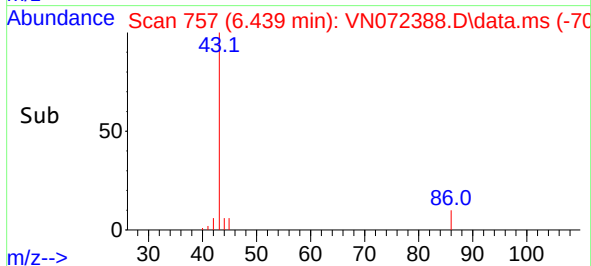
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



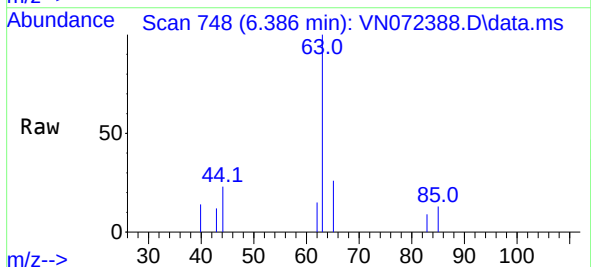
Tgt Ion: 43 Resp: 34979
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.0 15.0

Manual Integrations
 APPROVED

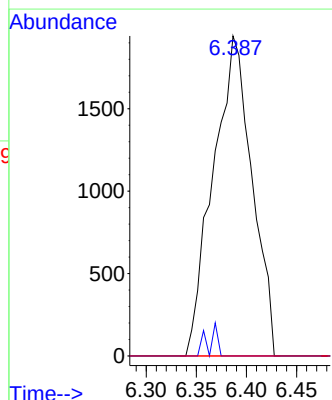
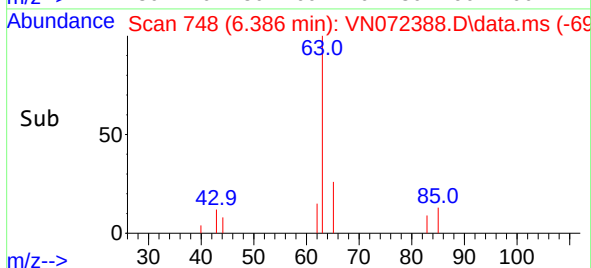
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

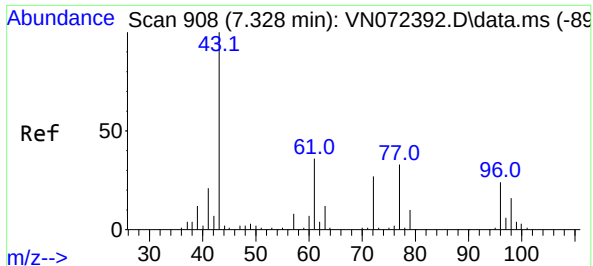


#24
 1,1-Dichloroethane
 Concen: 0.942 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072388.D
 Acq: 10 May 2022 13:06



Tgt Ion: 63 Resp: 5227
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 5.075 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072388.D

Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 12870

Ion Ratio Lower Upper

43 100

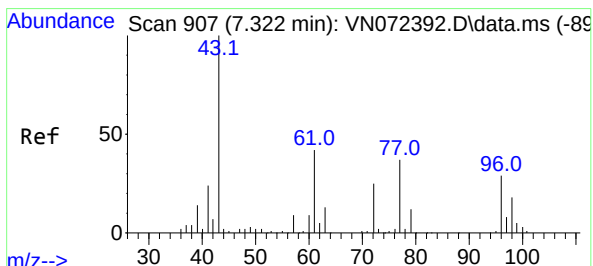
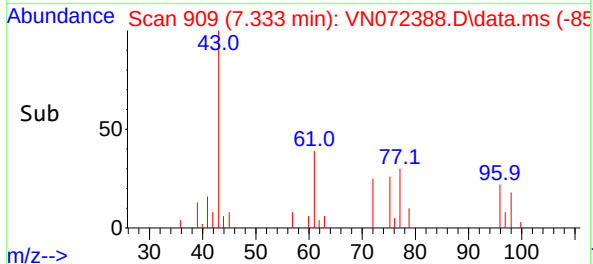
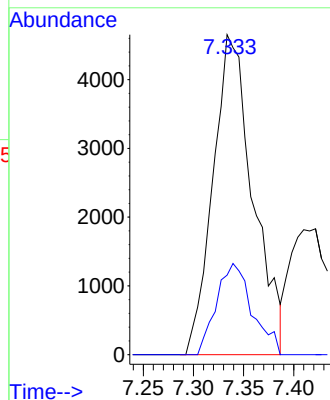
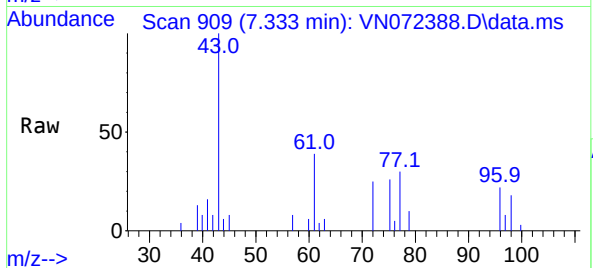
72 24.9 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#26

2,2-Dichloropropane

Concen: 1.064 ug/l

RT: 7.310 min Scan# 905

Delta R.T. -0.012 min

Lab File: VN072388.D

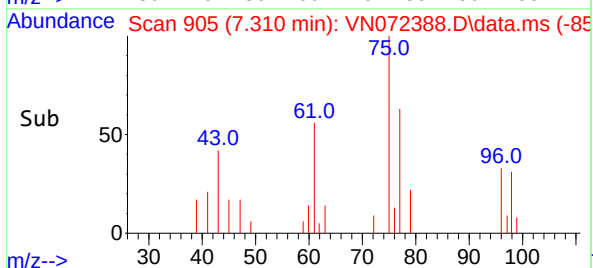
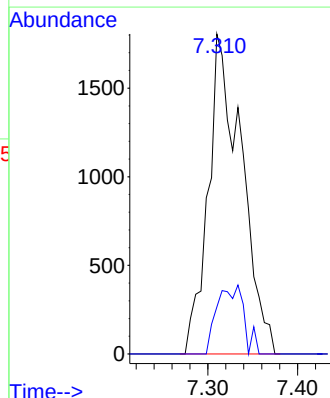
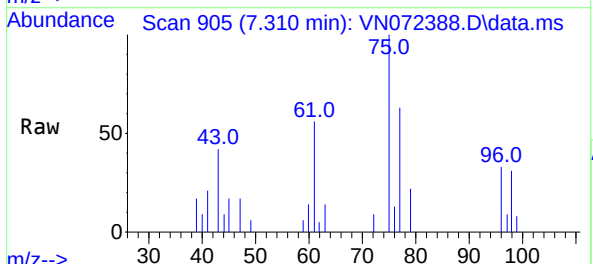
Acq: 10 May 2022 13:06

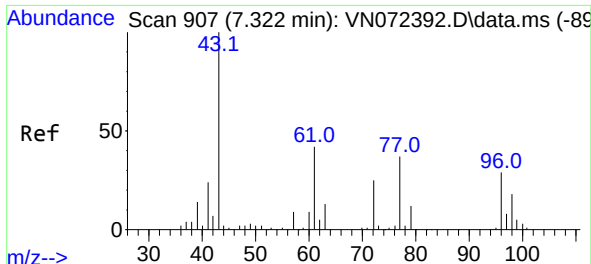
Tgt Ion: 77 Resp: 4644

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





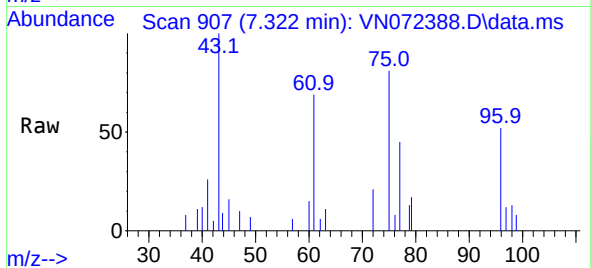
#27
 cis-1,2-Dichloroethene
 Concen: 0.990 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072388.D
 Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

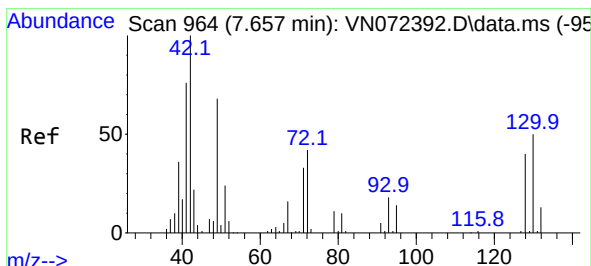
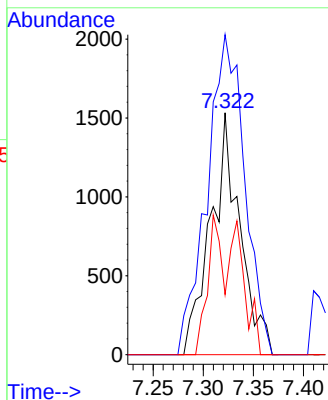
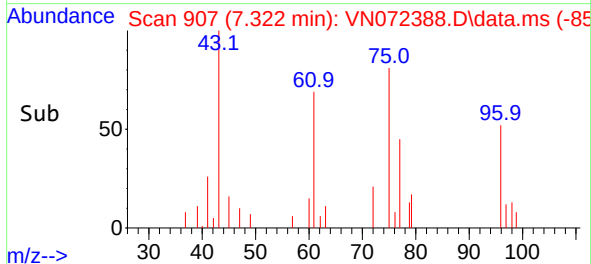


Tgt Ion: 96 Resp: 311
 Ion Ratio Lower Upper
 96 100
 61 170.0 0.0 280.6
 98 29.1 0.0 128.4

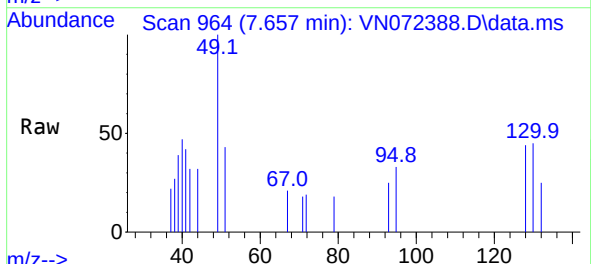
Manual Integrations

APPROVED

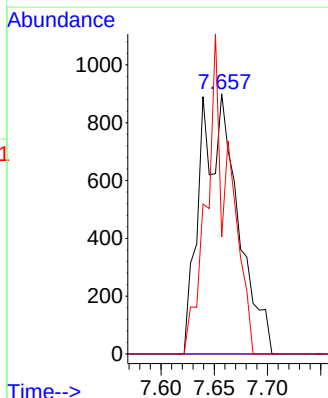
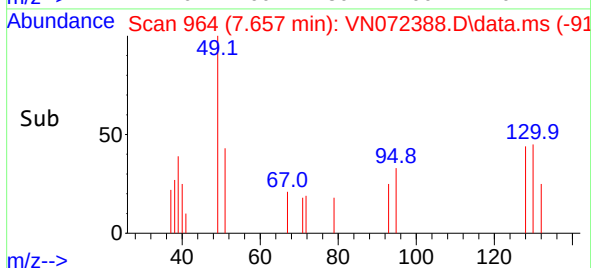
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

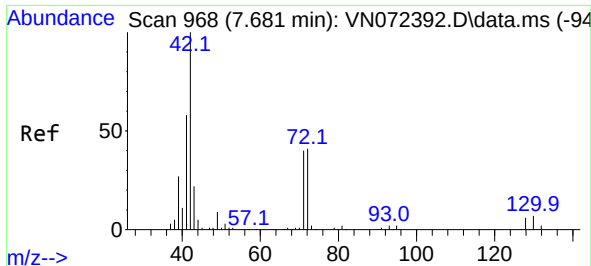


#28
 Bromochloromethane
 Concen: 0.898 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VN072388.D
 Acq: 10 May 2022 13:06



Tgt Ion: 49 Resp: 2191
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 75.4 69.7 104.5





#29

Tetrahydrofuran

Concen: 4.291 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072388.D

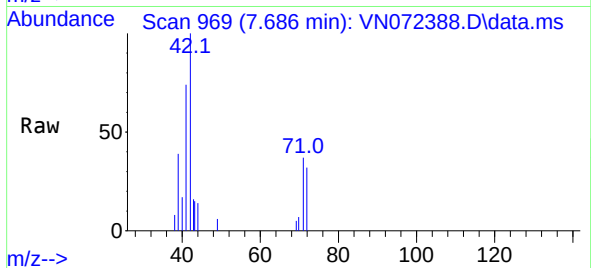
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



Tgt Ion: 42 Resp: 7140

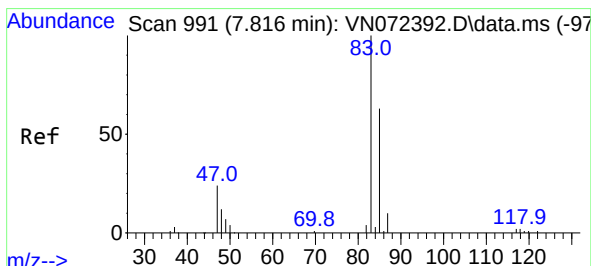
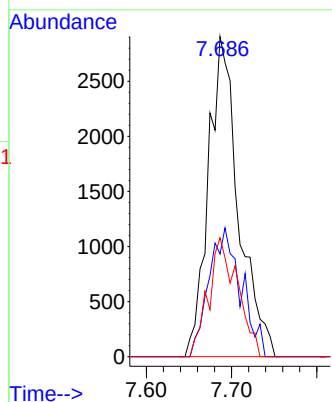
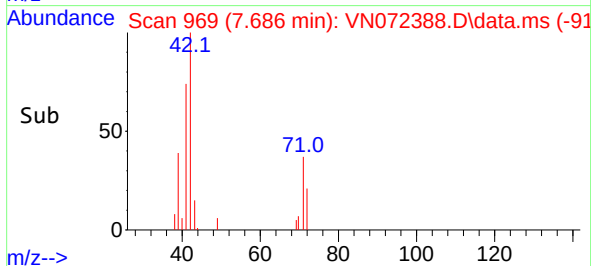
Ion	Ratio	Lower	Upper
42	100		
72	42.8	39.7	59.5
71	35.8	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#30

Chloroform

Concen: 0.903 ug/l

RT: 7.822 min Scan# 992

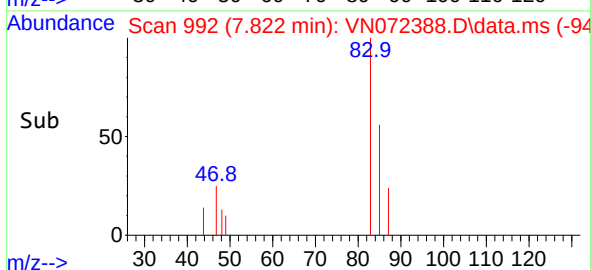
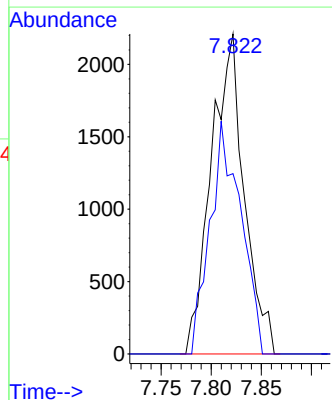
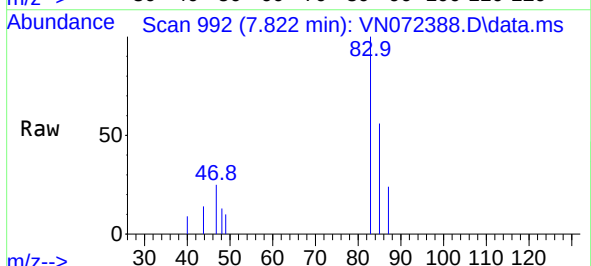
Delta R.T. 0.006 min

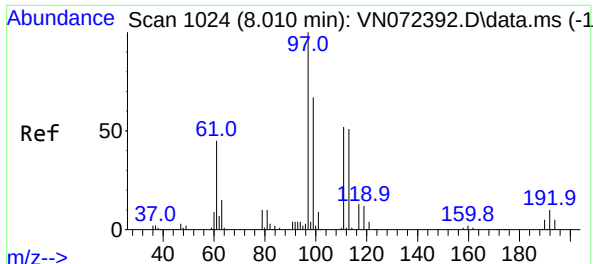
Lab File: VN072388.D

Acq: 10 May 2022 13:06

Tgt Ion: 83 Resp: 5066

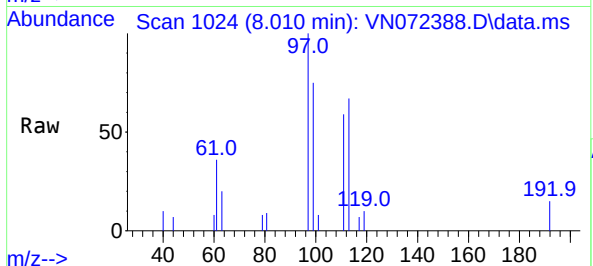
Ion	Ratio	Lower	Upper
83	100		
85	56.3	51.8	77.8





#32
1,1,1-Trichloroethane
Concen: 1.008 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

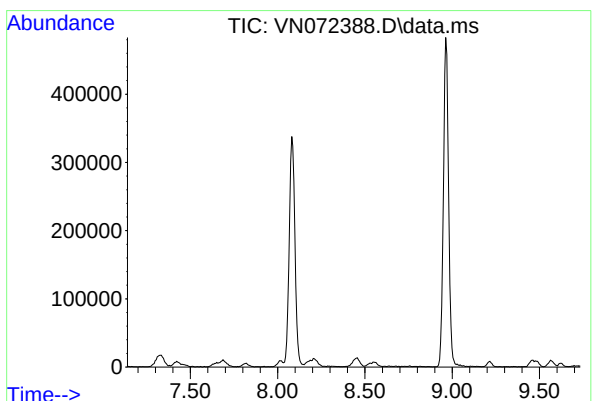
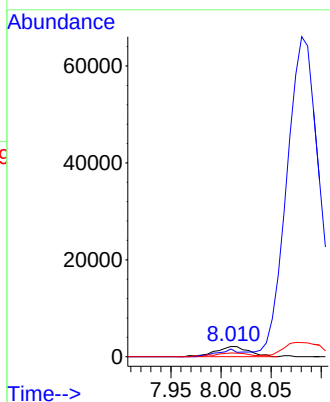
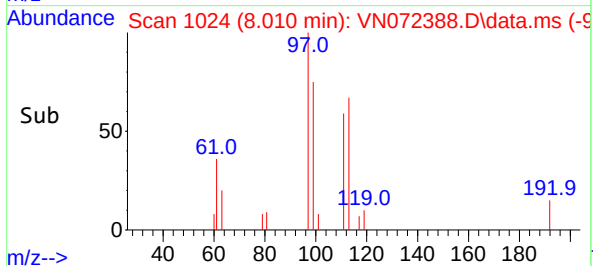
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 97 Resp: 484
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0
61 37.8 36.0 54.0

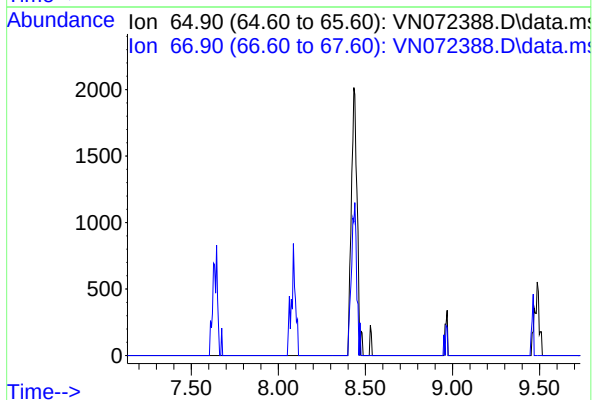
Manual Integrations
APPROVED

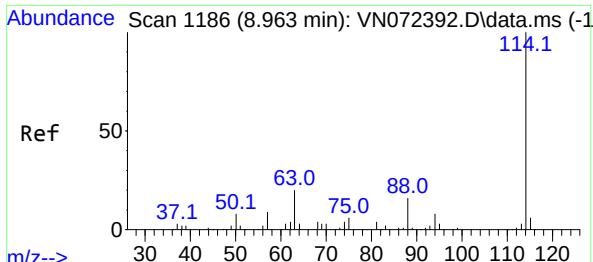
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.43 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion: 65
Sig Exp Ratio
65 100
67 52.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

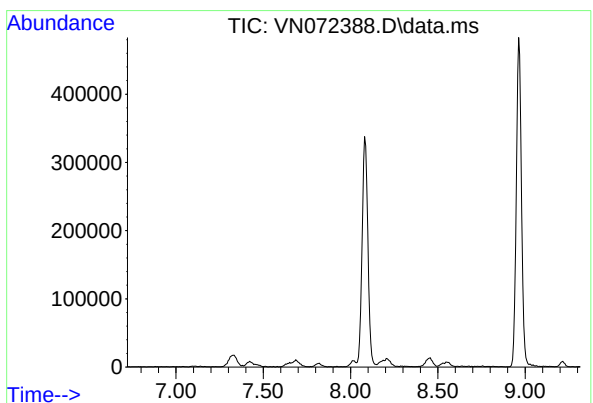
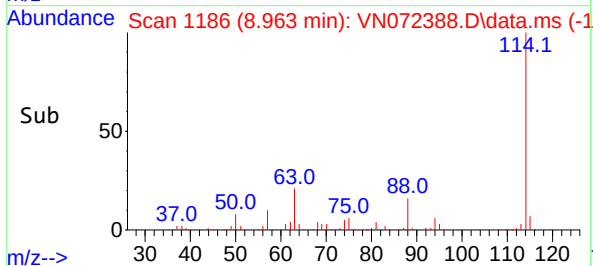
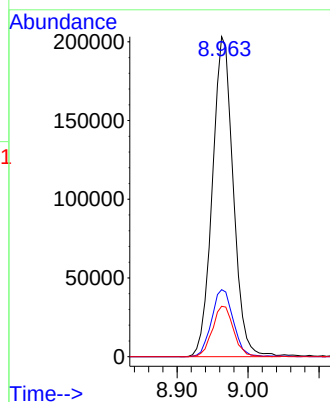
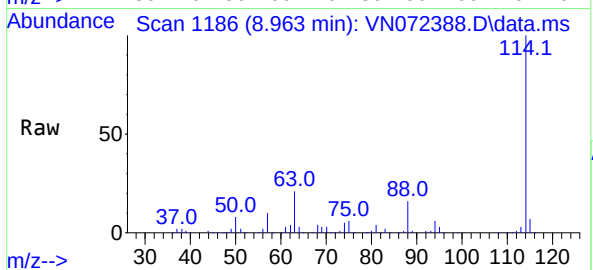
VSTDICC001

Tgt Ion:114 Resp: 414073
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 15.8 0.0 32.6

Manual Integrations

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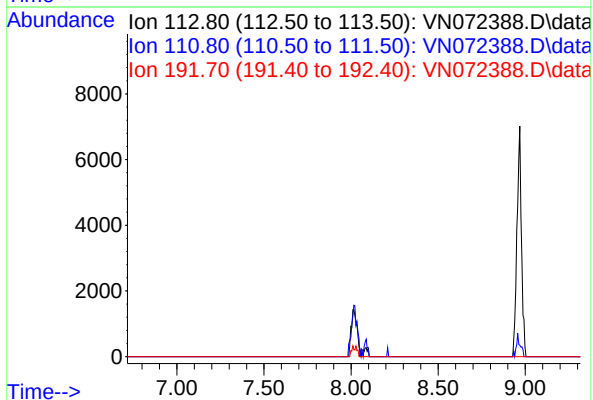
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

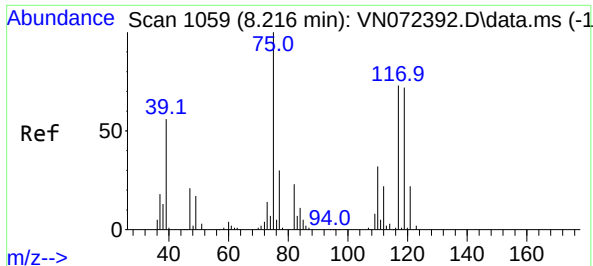


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.02 min

Lab File: VN072388.D
Acq: 10 May 2022 13:06

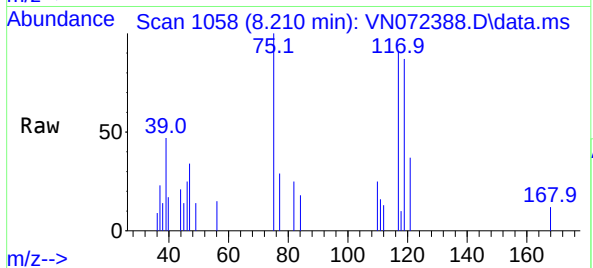
Tgt Ion: 113
Sig Exp Ratio
113 100
111 101.7
192 21.3





#36
1,1-Dichloropropene
Concen: 1.028 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

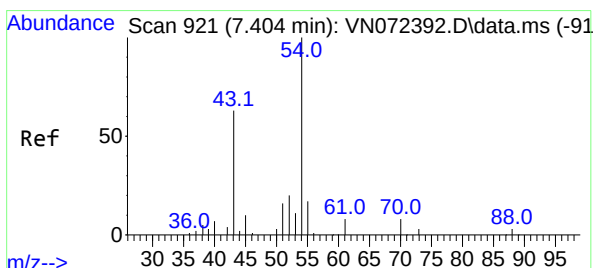
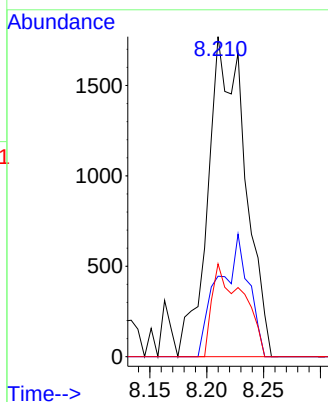
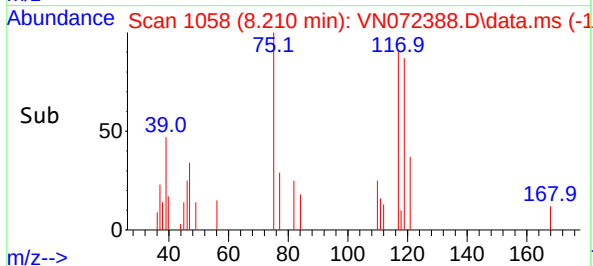
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



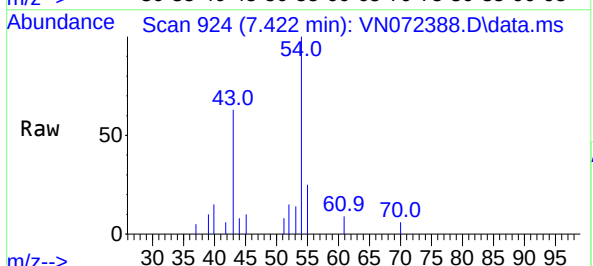
Tgt Ion: 75 Resp: 401
Ion Ratio Lower Upper
75 100
110 31.2 18.3 54.8
77 23.9 25.1 37.7

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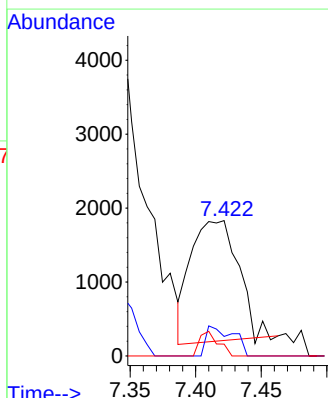
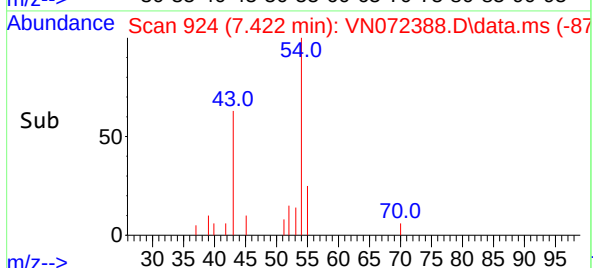
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

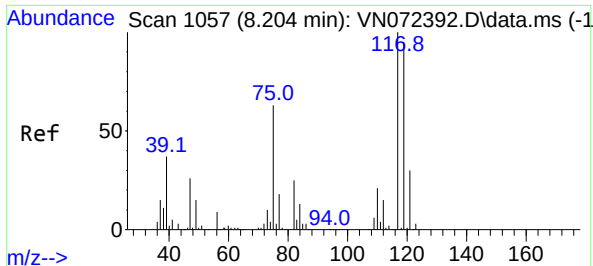


#37
Ethyl Acetate
Concen: 0.804 ug/l
RT: 7.422 min Scan# 924
Delta R.T. 0.017 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



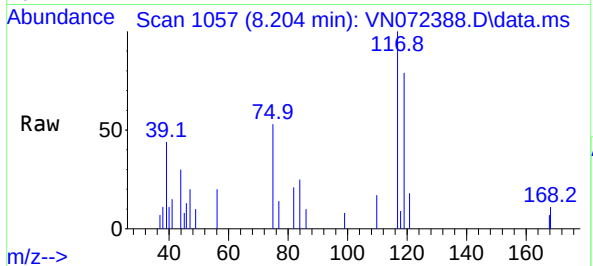
Tgt Ion: 43 Resp: 4092
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.6
70 8.1 9.3 13.9





#38
Carbon Tetrachloride
Concen: 1.038 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

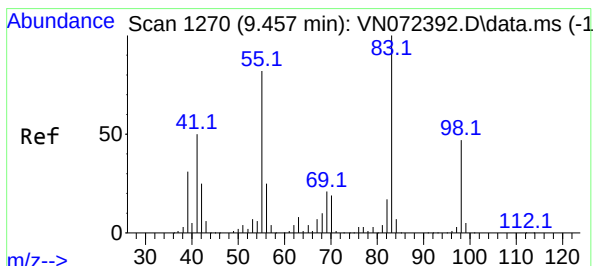
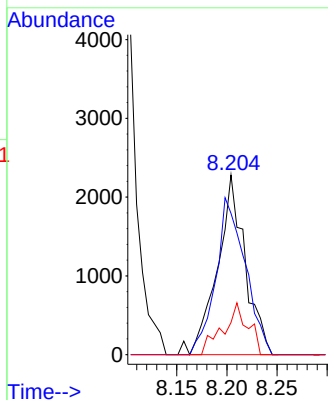
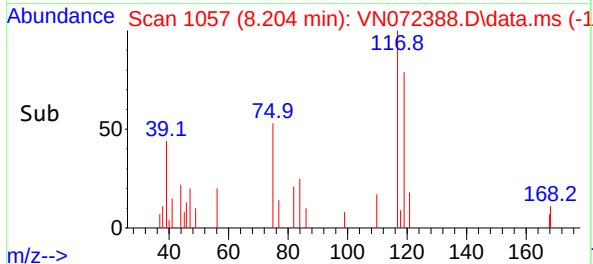
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



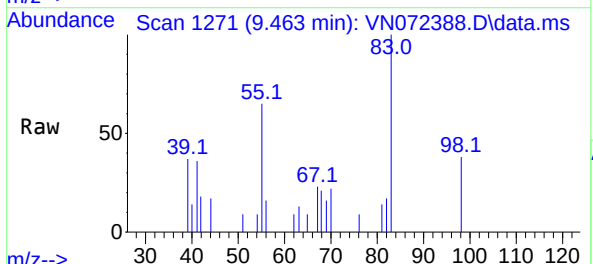
Tgt Ion: 117 Resp: 438
Ion Ratio Lower Upper
117 100
119 78.7 75.8 113.8
121 17.9 24.6 37.0

Manual Integrations
APPROVED

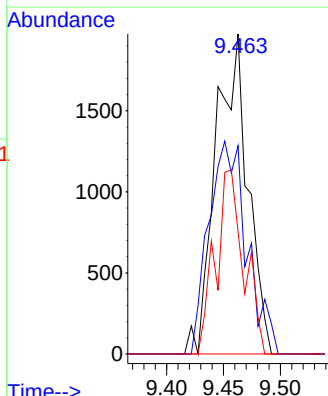
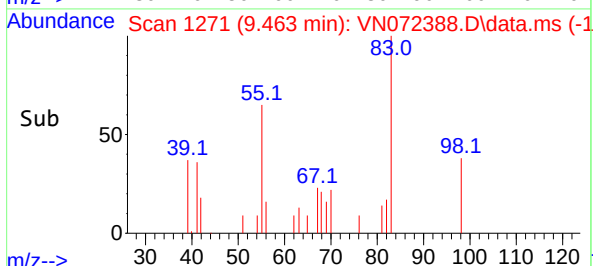
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

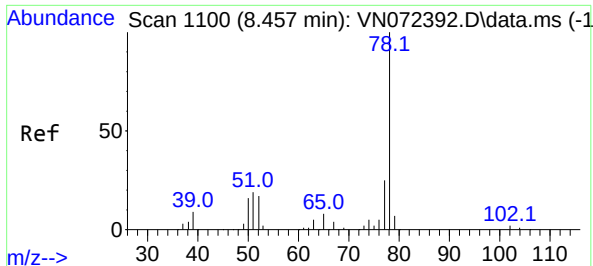


#39
Methylcyclohexane
Concen: 0.888 ug/l
RT: 9.463 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion: 83 Resp: 3889
Ion Ratio Lower Upper
83 100
55 65.0 57.8 86.8
98 38.3 39.4 59.2





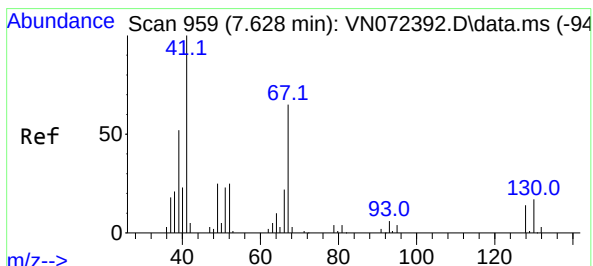
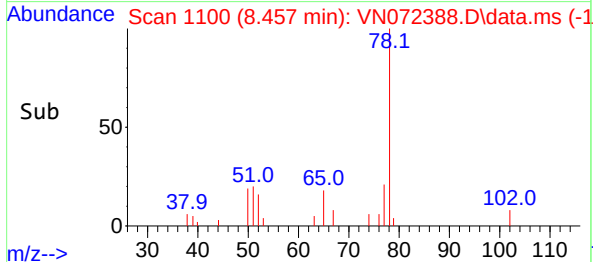
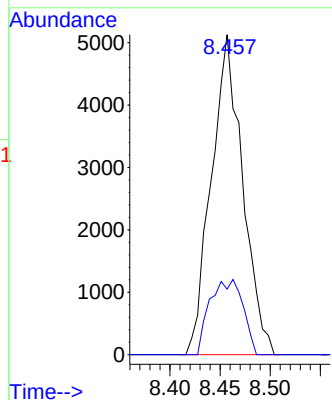
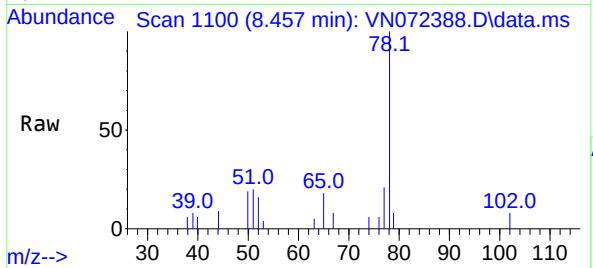
#40
Benzene
Concen: 0.927 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 1114
Ion Ratio Lower Upper
78 100
77 20.5 19.4 29.0

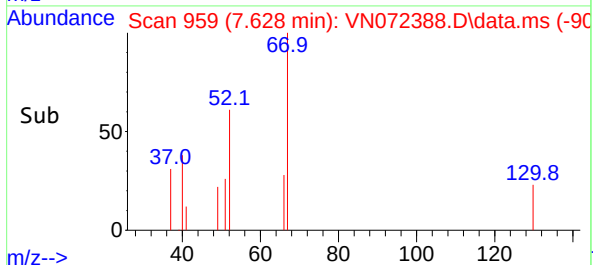
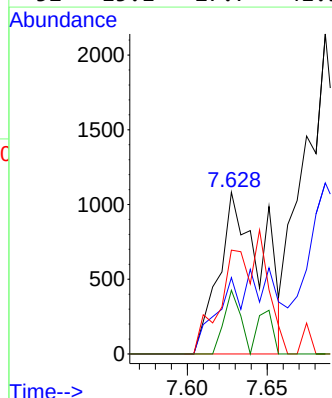
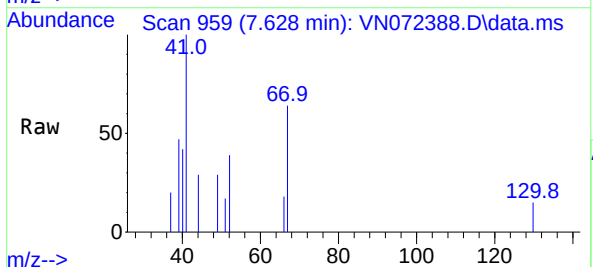
Manual Integrations
APPROVED

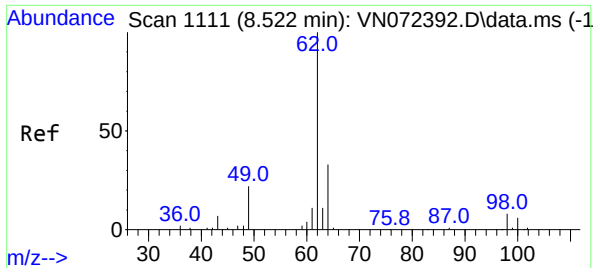
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#41
Methacrylonitrile
Concen: 0.796 ug/l m
RT: 7.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion: 41 Resp: 2019
Ion Ratio Lower Upper
41 100
39 27.2 48.6 73.0#
67 0.0 73.4 110.2#
52 15.1 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 1.017 ug/l

RT: 8.528 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN072388.D

Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 4698

Ion Ratio Lower Upper

62 100

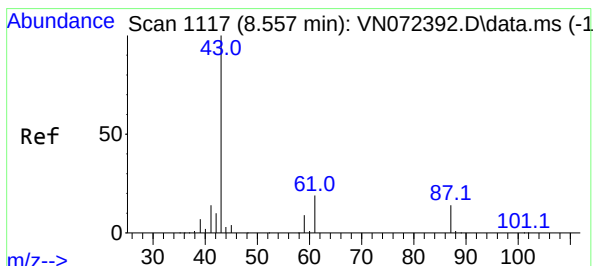
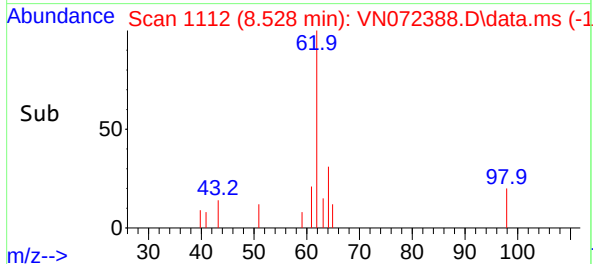
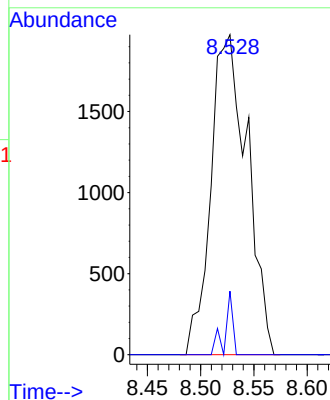
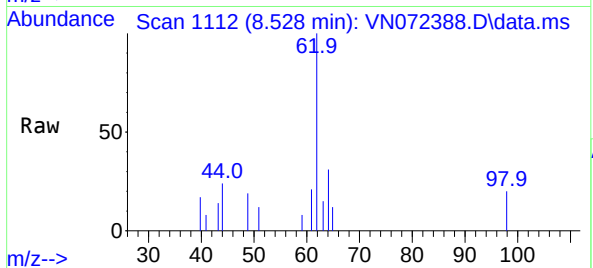
98 4.2 0.0 19.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#43

Isopropyl Acetate

Concen: 0.820 ug/l

RT: 8.551 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VN072388.D

Acq: 10 May 2022 13:06

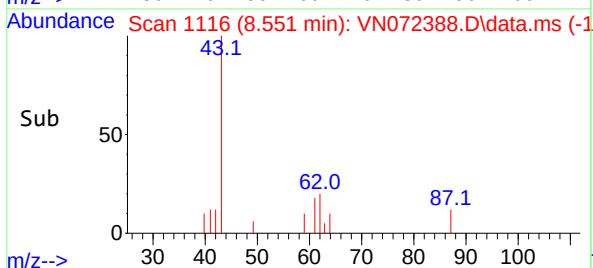
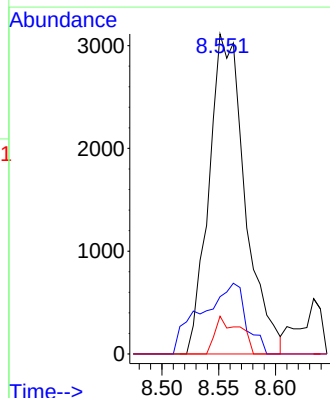
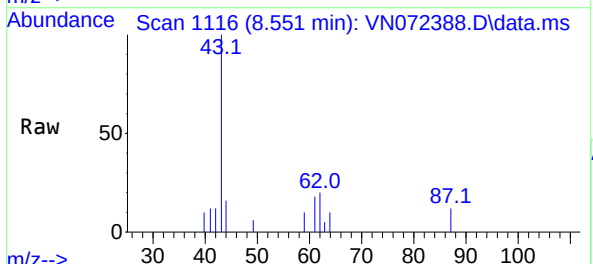
Tgt Ion: 43 Resp: 6855

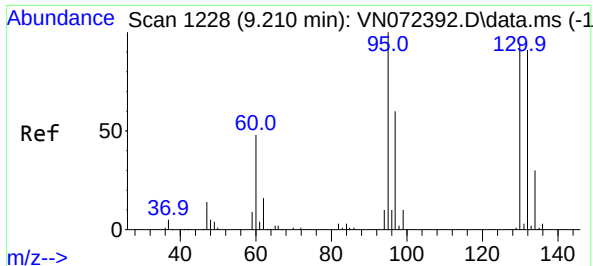
Ion Ratio Lower Upper

43 100

61 27.5 21.9 32.9

87 7.9 12.0 18.0#





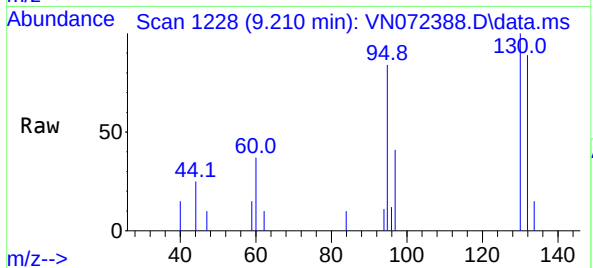
#44
Trichloroethene
Concen: 1.020 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

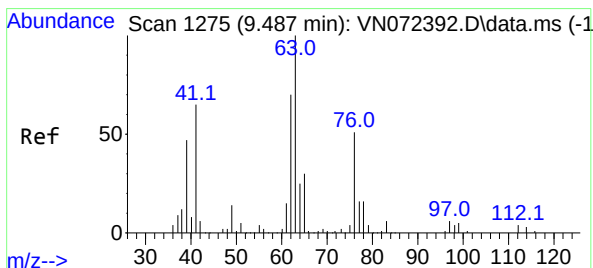
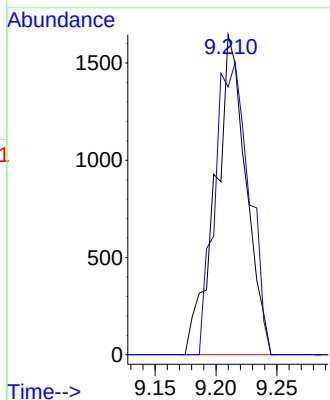
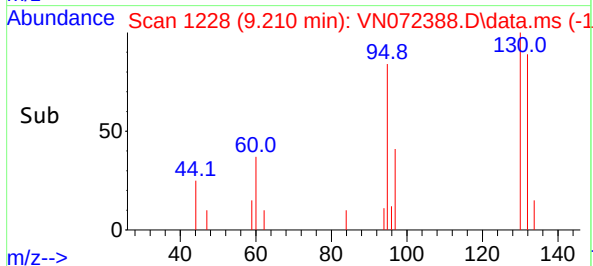


Tgt Ion:130 Resp: 289
Ion Ratio Lower Upper
130 100
95 83.7 0.0 186.8

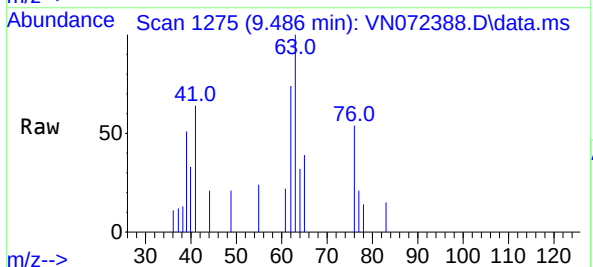
Manual Integrations

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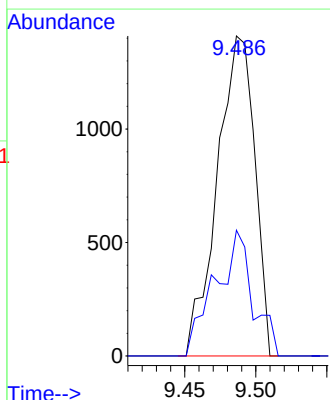
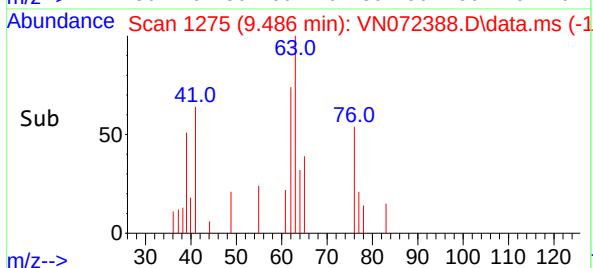
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

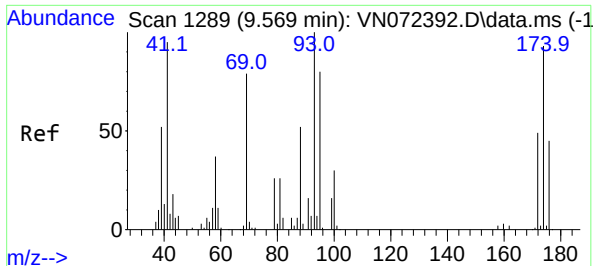


#45
1,2-Dichloropropane
Concen: 0.801 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



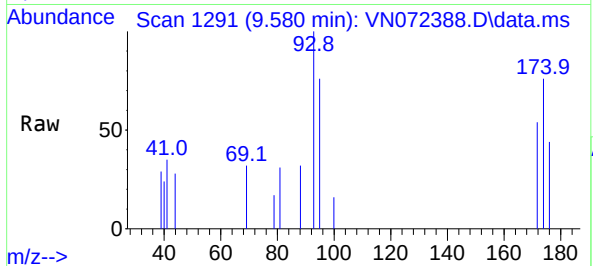
Tgt Ion: 63 Resp: 2587
Ion Ratio Lower Upper
63 100
65 39.3 24.9 37.3#





#46
Dibromomethane
Concen: 0.968 ug/l
RT: 9.580 min Scan# 1291
Delta R.T. 0.011 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

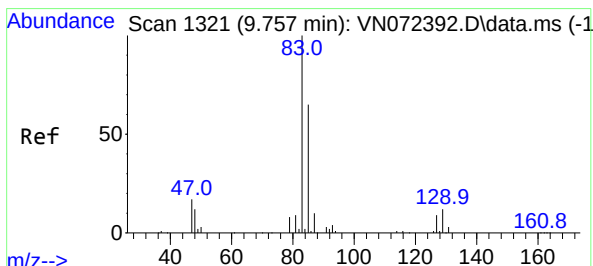
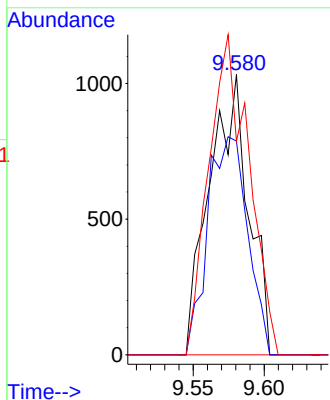
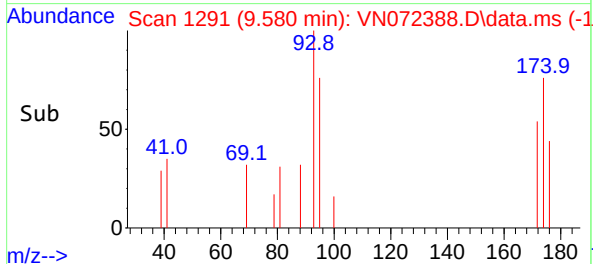
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



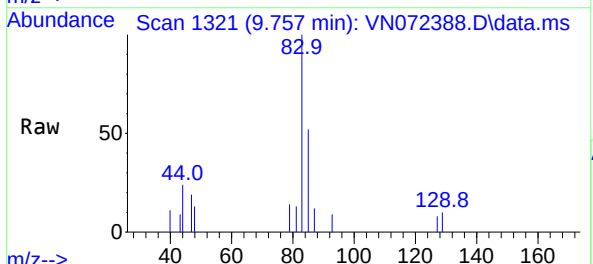
Tgt Ion: 93 Resp: 1984
Ion Ratio Lower Upper
93 100
95 79.4 66.9 100.3
174 116.2 86.6 130.0

Manual Integrations
APPROVED

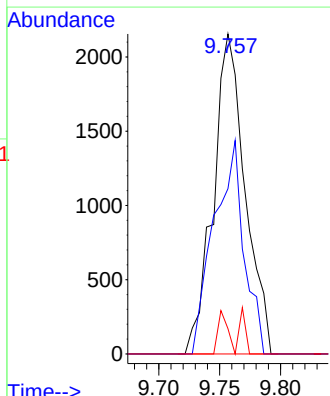
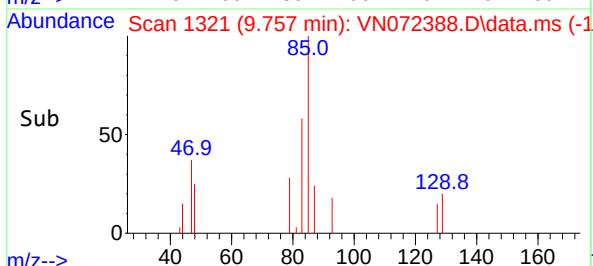
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

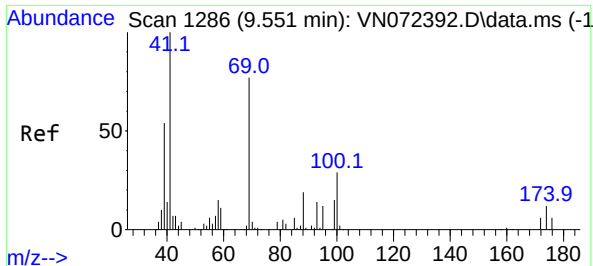


#47
Bromodichloromethane
Concen: 0.919 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion: 83 Resp: 3926
Ion Ratio Lower Upper
83 100
85 51.6 50.5 75.7
127 7.9 6.8 10.2





#48
Methyl methacrylate
Concen: 0.894 ug/l
RT: 9.557 min Scan# 1286
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

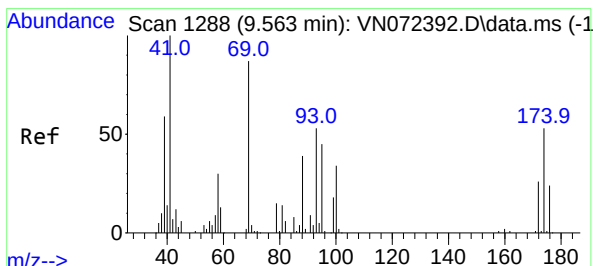
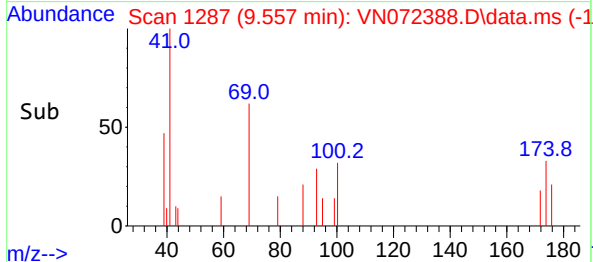
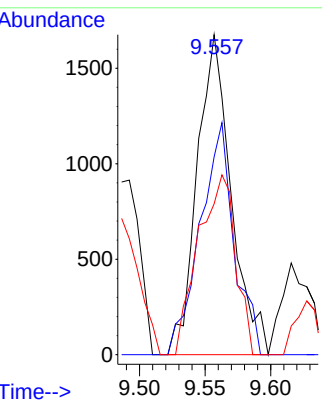
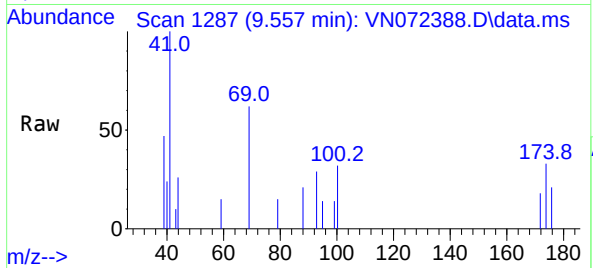
VSTDICC001

Tgt Ion: 41 Resp: 3030
Ion Ratio Lower Upper
41 100
69 72.2 74.7 112.1#
39 61.3 45.6 68.4

Manual Integrations

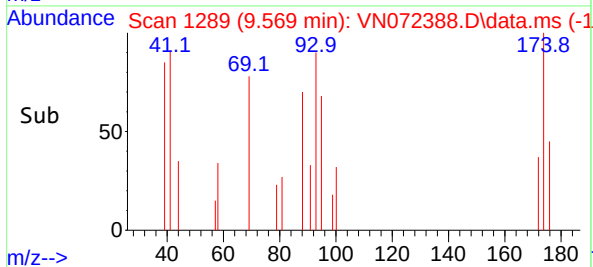
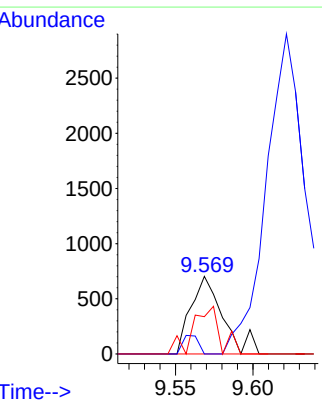
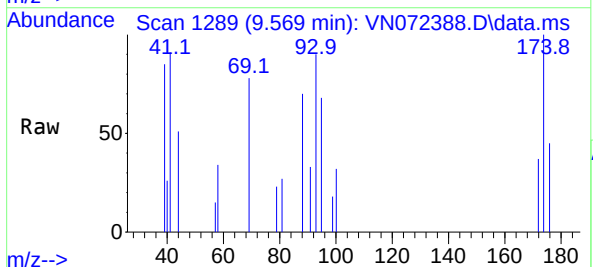
APPROVED

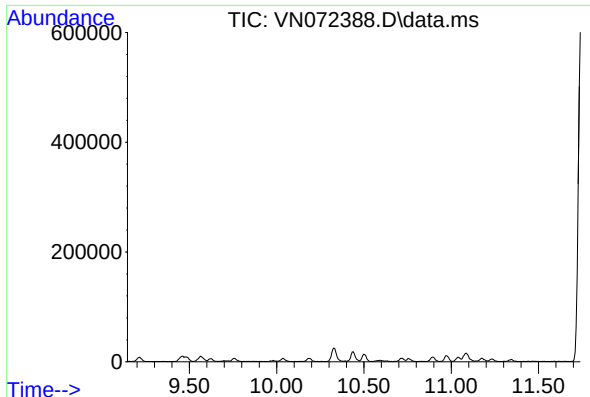
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#49
1,4-Dioxane
Concen: 17.040 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion: 88 Resp: 1003
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 52.6 54.2 81.4#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.44 min

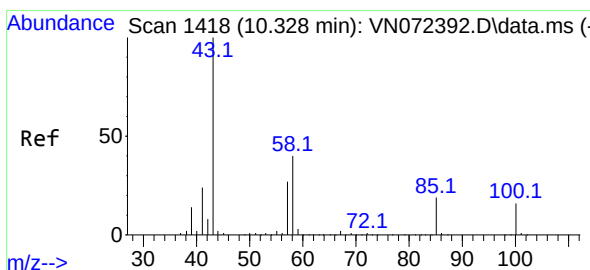
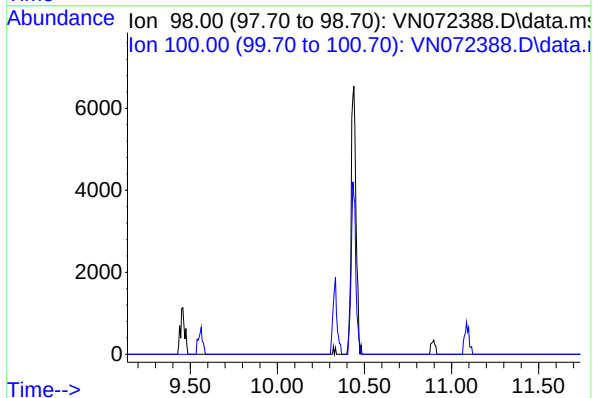
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.7

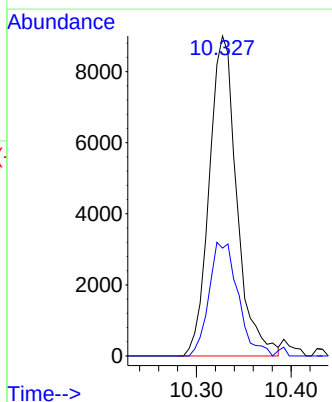
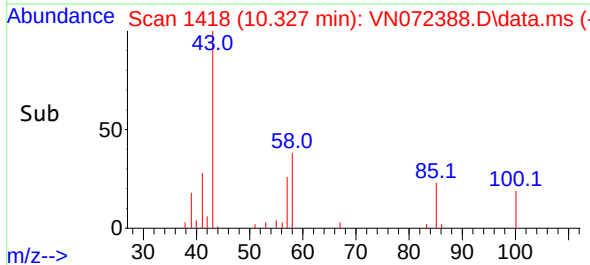
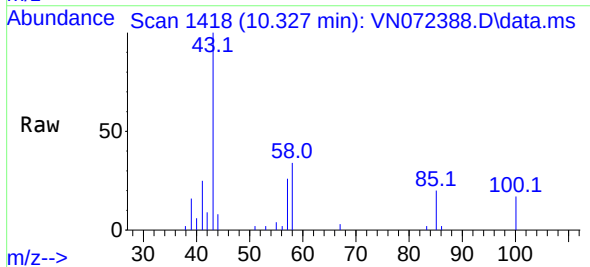
Manual Integrations
APPROVED

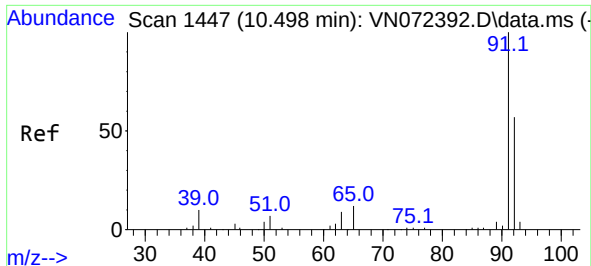
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#51
4-Methyl-2-Pentanone
Concen: 3.792 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion: 43 Resp: 18169
Ion Ratio Lower Upper
43 100
58 37.5 34.1 51.1





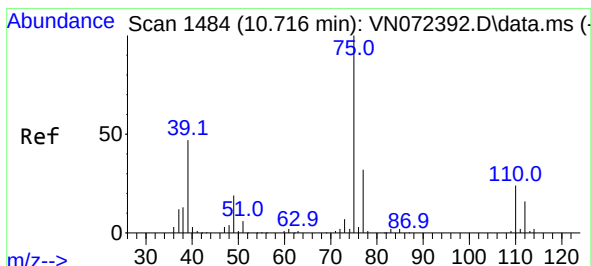
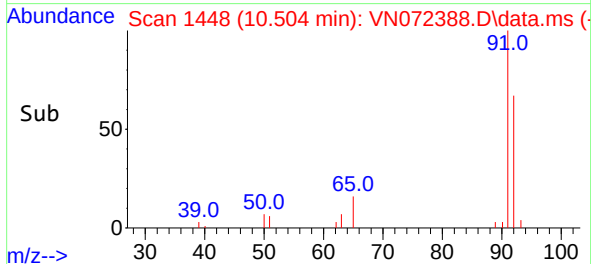
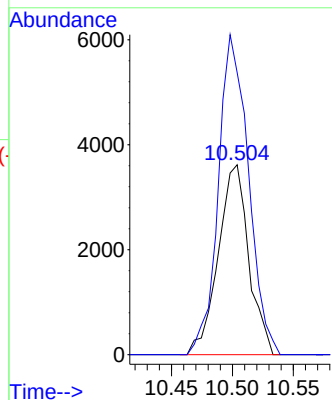
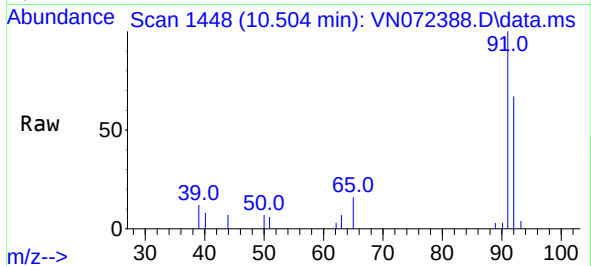
#52
Toluene
Concen: 0.877 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 92 Resp: 6318
Ion Ratio Lower Upper
92 100
91 166.2 138.6 207.8

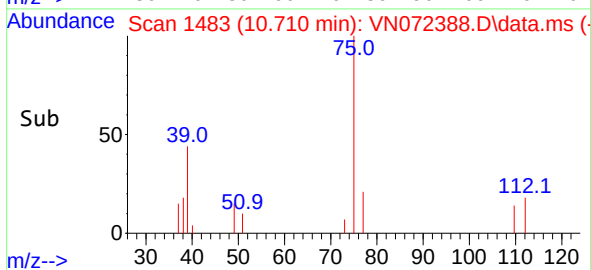
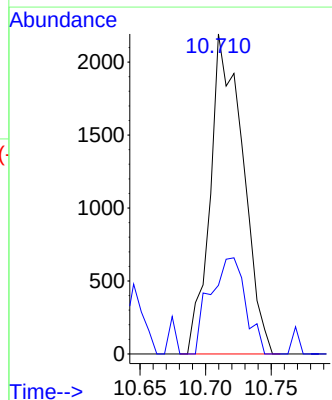
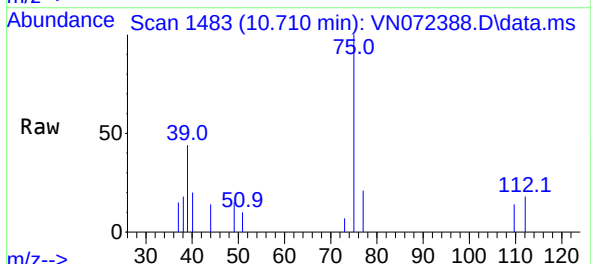
Manual Integrations
APPROVED

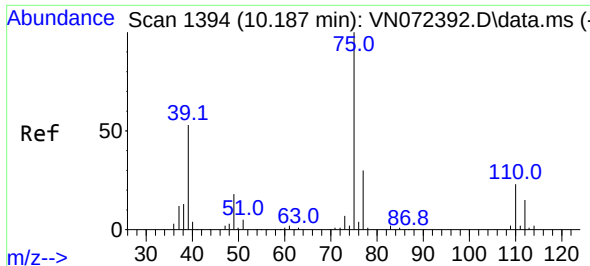
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#53
t-1,3-Dichloropropene
Concen: 0.884 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion: 75 Resp: 3805
Ion Ratio Lower Upper
75 100
77 21.4 25.6 38.4#





#54
cis-1,3-Dichloropropene
Concen: 0.830 ug/l
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

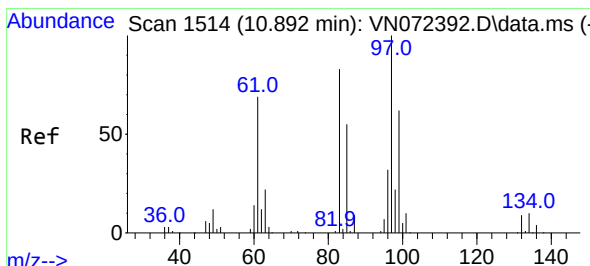
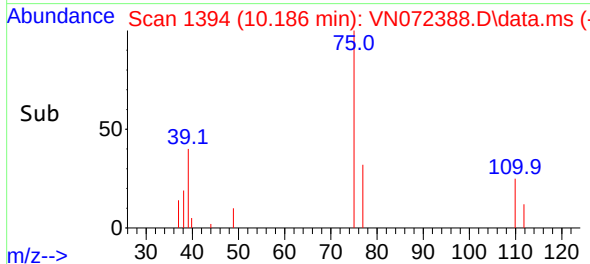
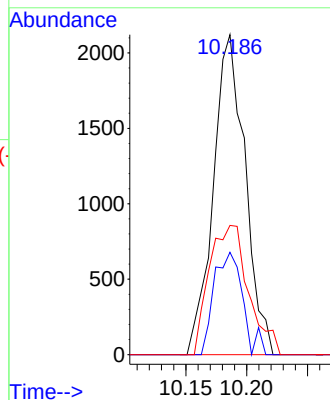
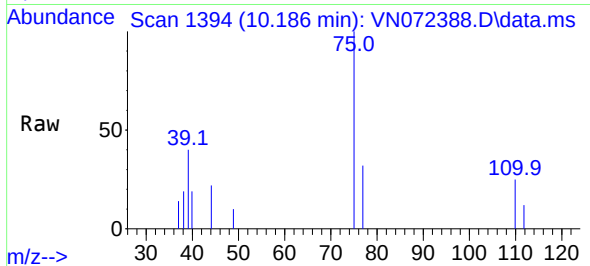
VSTDIC001

Tgt Ion: 75 Resp: 3850
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 40.4 35.7 53.5

Manual Integrations

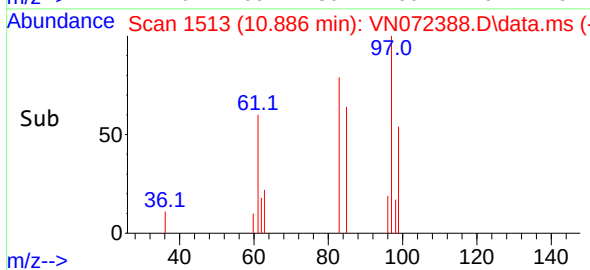
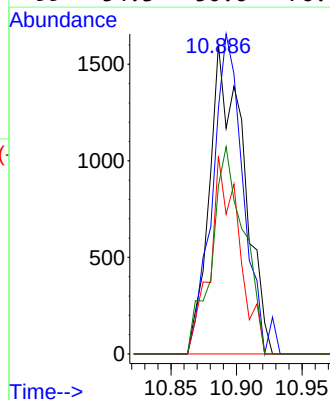
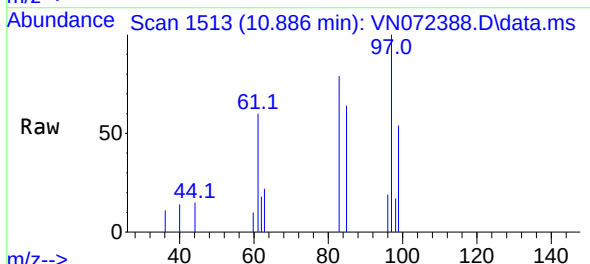
APPROVED

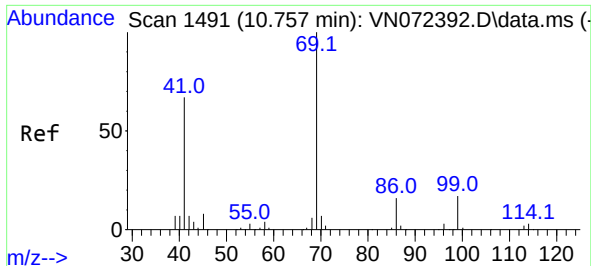
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#55
1,1,2-Trichloroethane
Concen: 0.965 ug/l
RT: 10.886 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

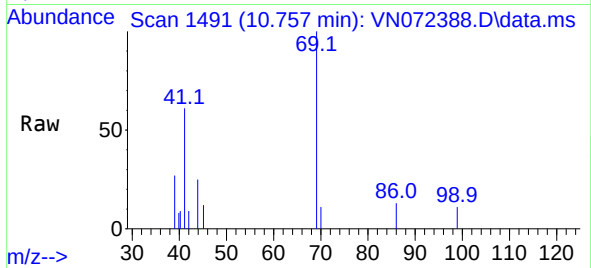
Tgt Ion: 97 Resp: 2905
Ion Ratio Lower Upper
97 100
83 79.4 66.2 99.4
85 64.0 43.9 65.9
99 54.3 50.6 76.0





#56
Ethyl methacrylate
Concen: 0.738 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

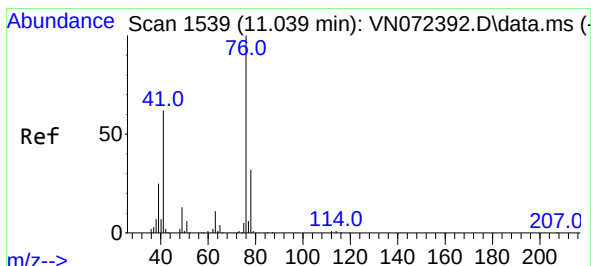
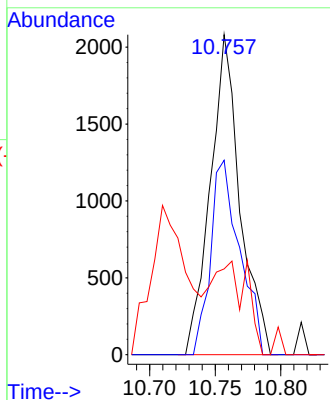
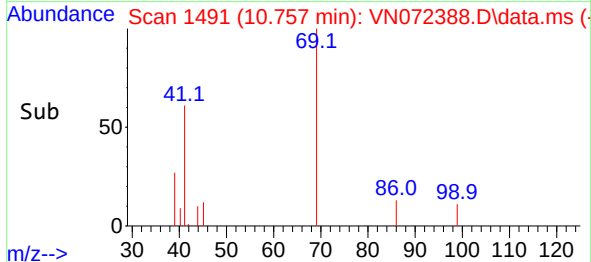
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



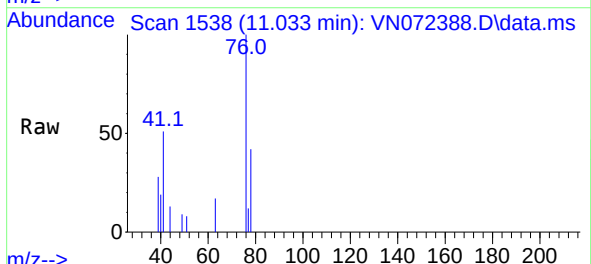
Tgt Ion: 69 Resp: 327
Ion Ratio Lower Upper
69 100
41 59.7 47.8 71.6
39 35.0 27.3 40.9

Manual Integrations
APPROVED

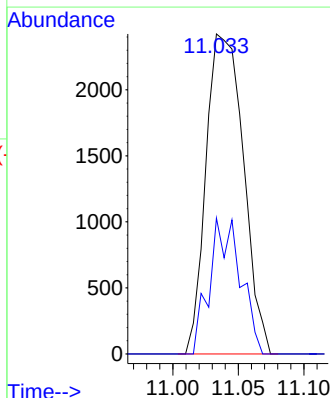
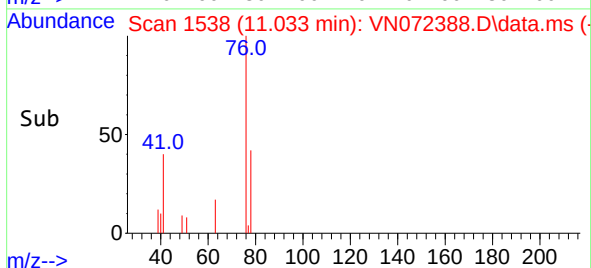
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

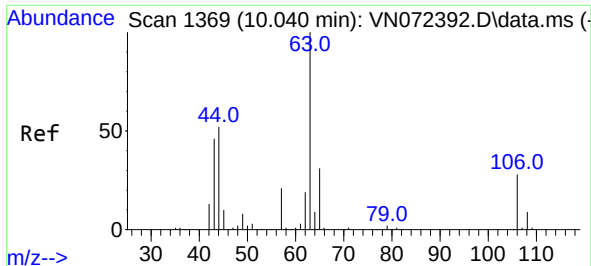


#57
1,3-Dichloropropane
Concen: 0.910 ug/l
RT: 11.033 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion: 76 Resp: 4804
Ion Ratio Lower Upper
76 100
78 35.2 26.2 39.2





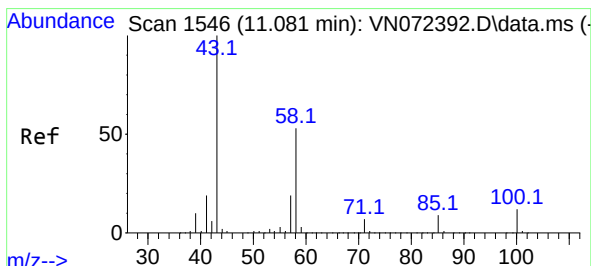
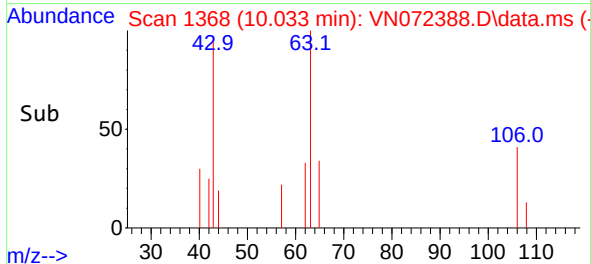
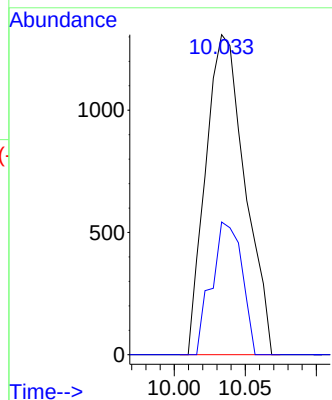
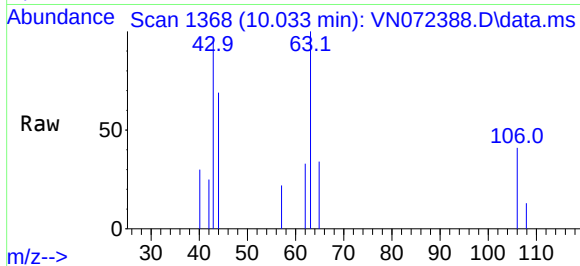
#58
2-Chloroethyl Vinyl ether
Concen: 2.446 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 2514
Ion Ratio Lower Upper
63 100
106 31.9 24.6 36.8

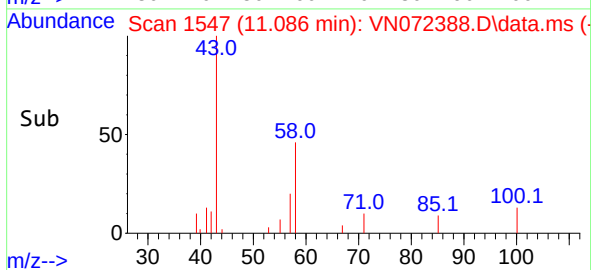
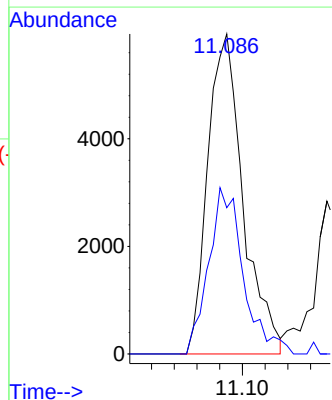
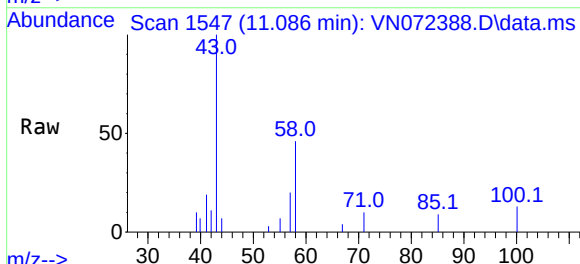
Manual Integrations
APPROVED

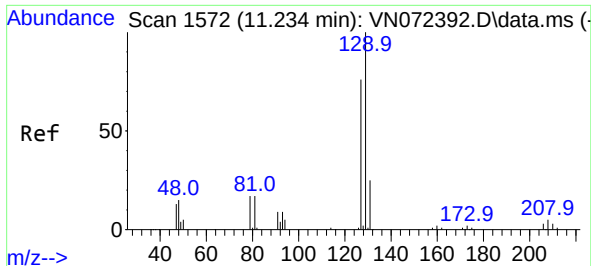
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#59
2-Hexanone
Concen: 3.811 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

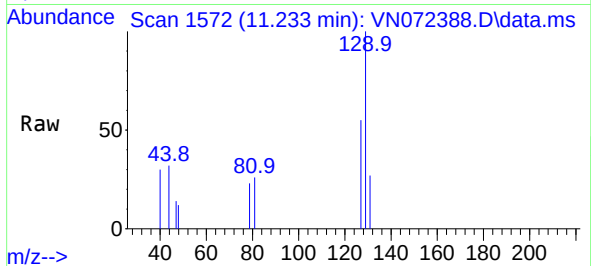
Tgt Ion: 43 Resp: 12857
Ion Ratio Lower Upper
43 100
58 51.0 29.7 89.1





#60
Dibromochloromethane
Concen: 0.909 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

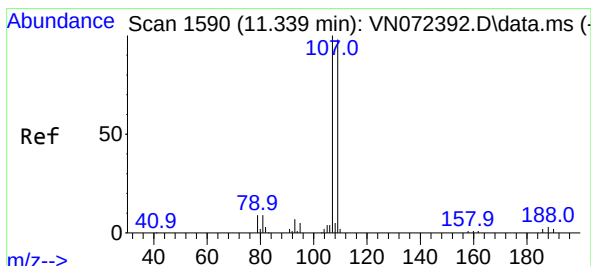
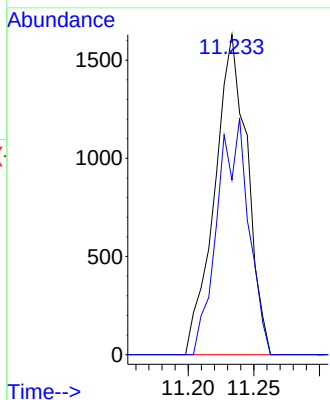
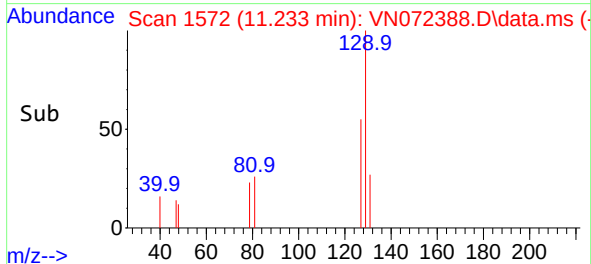
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



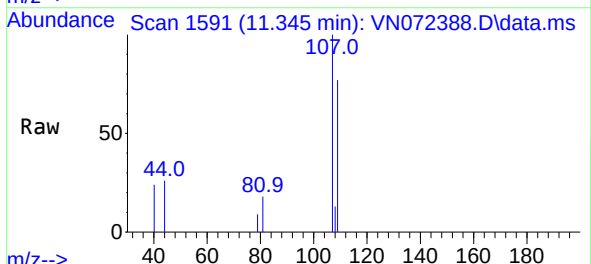
Tgt Ion:129 Resp: 2820
Ion Ratio Lower Upper
129 100
127 70.8 38.8 116.4

Manual Integrations
APPROVED

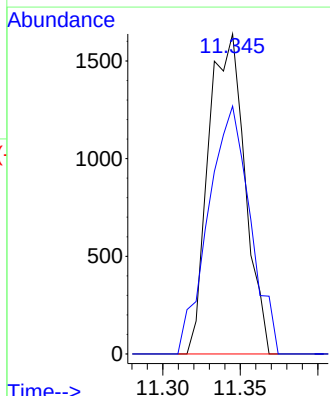
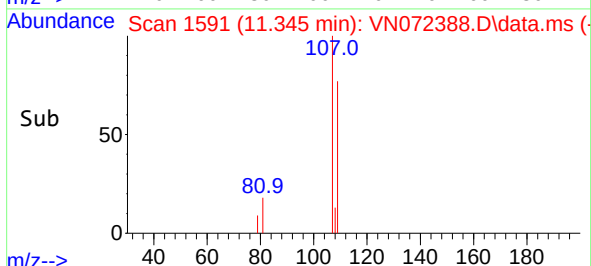
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

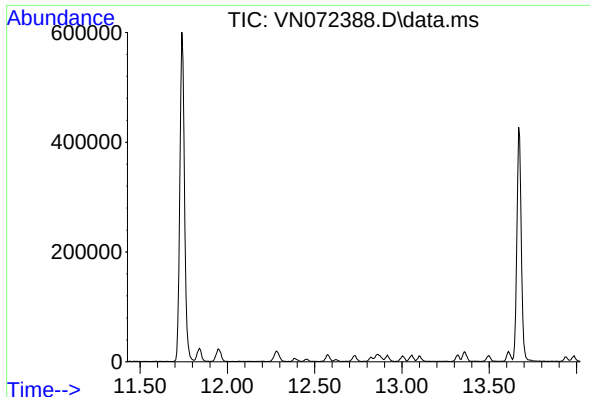


#61
1,2-Dibromoethane
Concen: 0.894 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion:107 Resp: 2667
Ion Ratio Lower Upper
107 100
109 89.3 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.72 min

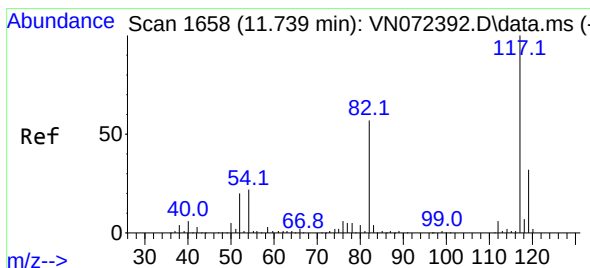
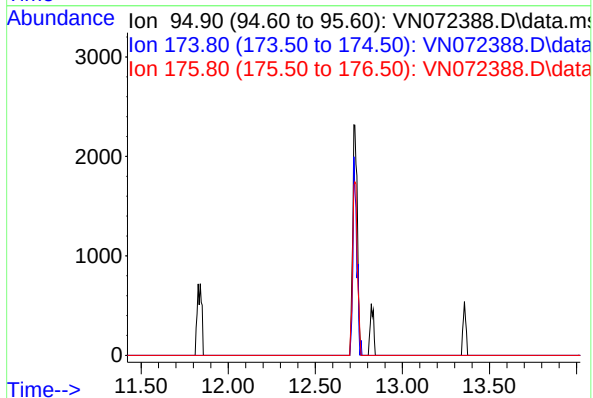
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 83.8
176 81.7

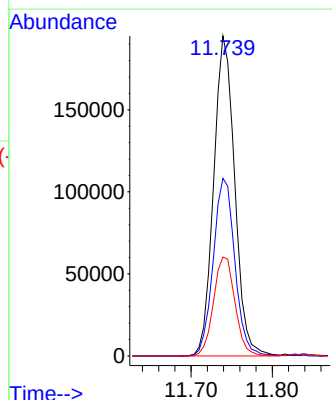
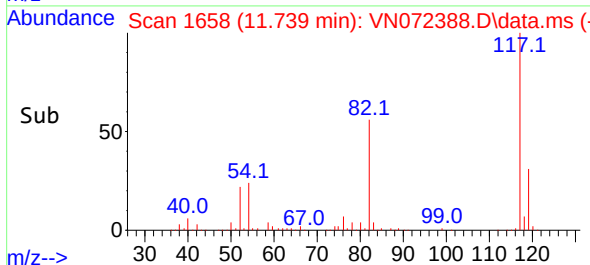
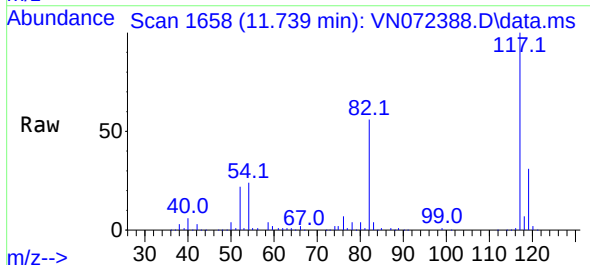
Manual Integrations
APPROVED

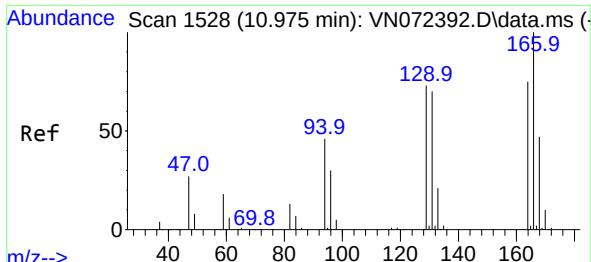
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion:117 Resp: 351871
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 30.9 25.4 38.0





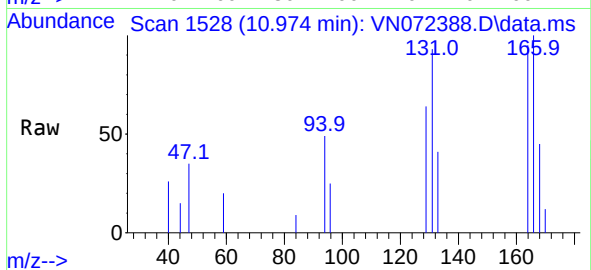
#64
Tetrachloroethene
Concen: 1.218 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



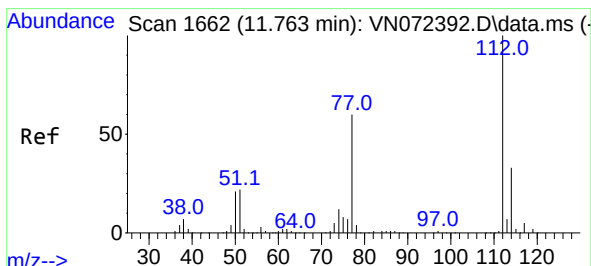
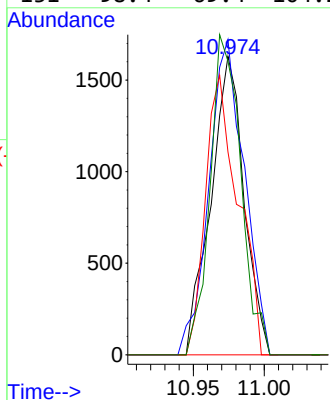
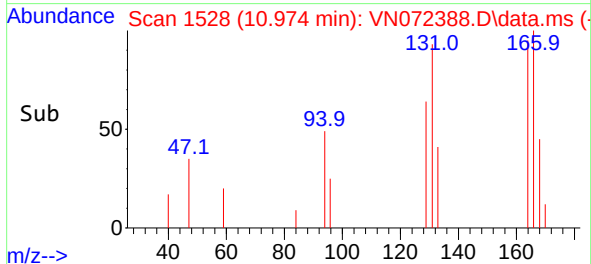
Tgt Ion:164 Resp: 2658
Ion Ratio Lower Upper
164 100
166 105.6 104.2 156.2
129 68.0 73.9 110.9
131 98.4 69.4 104.2

Manual Integrations

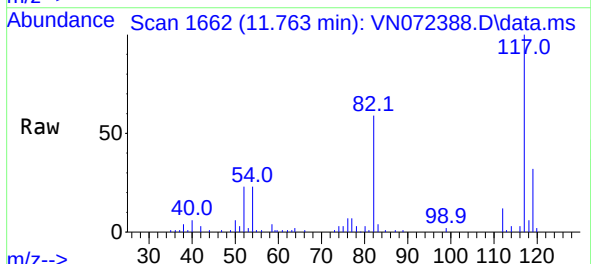
APPROVED

Reviewed By :John Carlone 05/11/2022

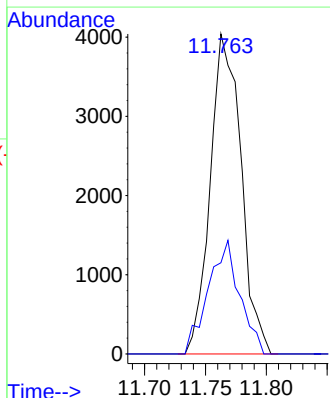
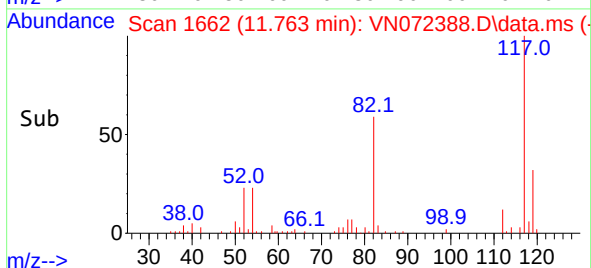
Supervised By :Mahesh Dadoda 05/11/2022

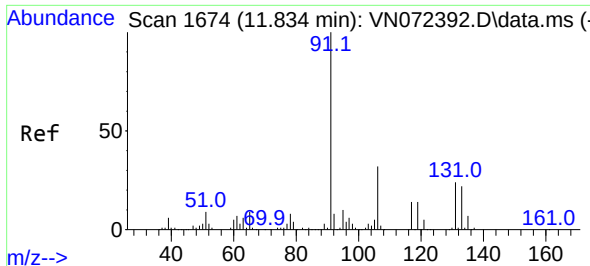


#65
Chlorobenzene
Concen: 0.993 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion:112 Resp: 7100
Ion Ratio Lower Upper
112 100
114 28.5 25.4 38.2





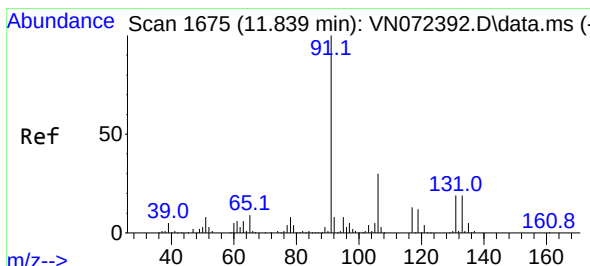
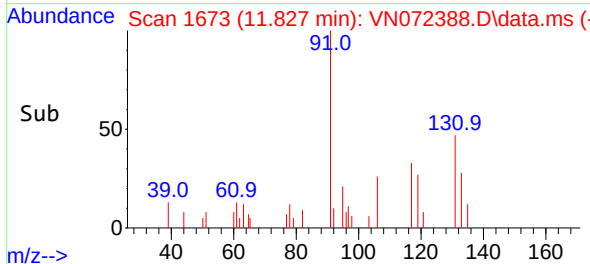
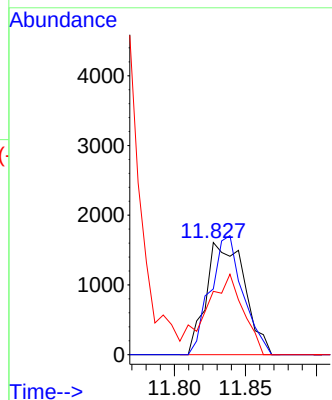
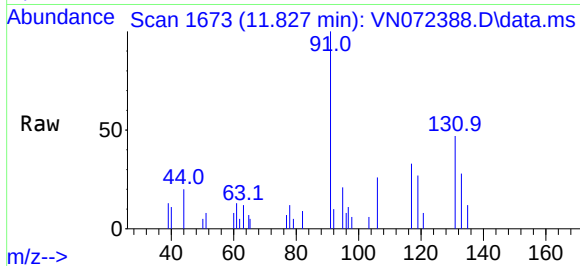
#66
1,1,1,2-Tetrachloroethane
Concen: 1.127 ug/l
RT: 11.827 min Scan# 1673
Delta R.T. -0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 304
Ion Ratio Lower Upper
131 100
133 89.3 47.8 143.4
119 0.0 33.4 100.2

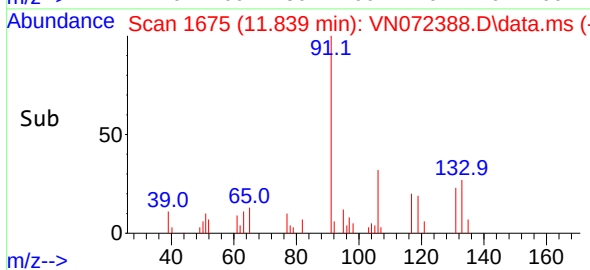
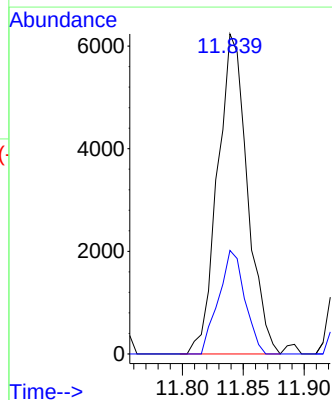
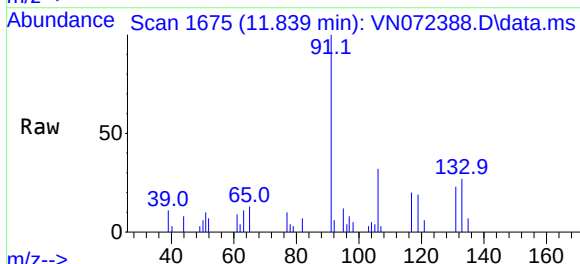
Manual Integrations
APPROVED

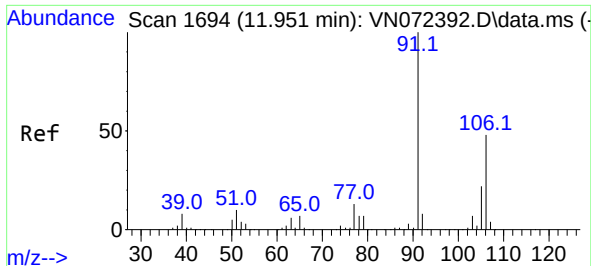
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#67
Ethyl Benzene
Concen: 0.858 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

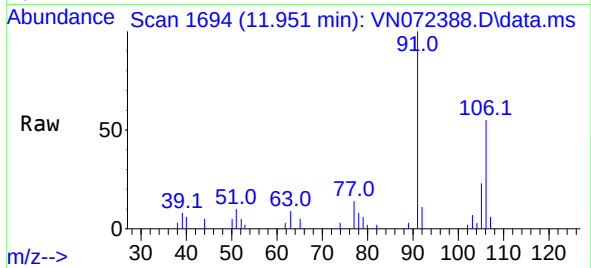
Tgt Ion: 91 Resp: 10639
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3





#68
m/p-Xylenes
Concen: 1.686 ug/l
RT: 11.951 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

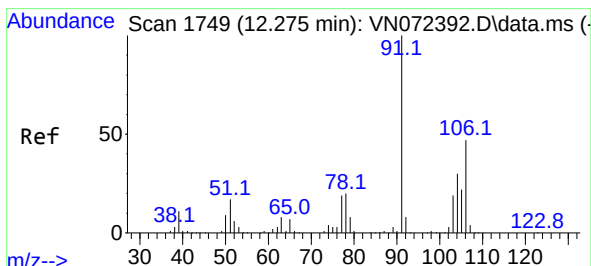
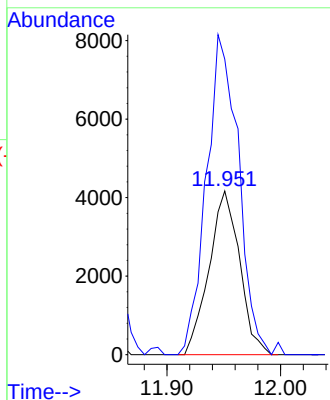
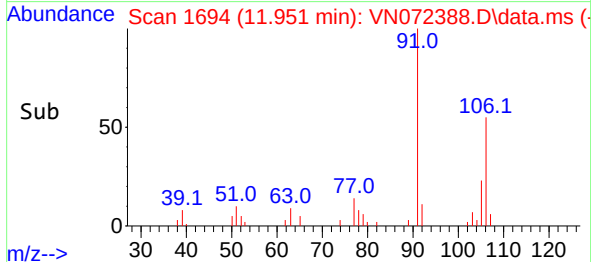
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



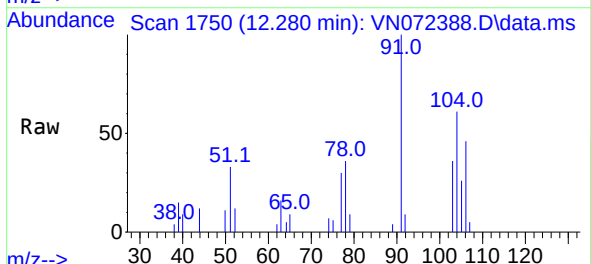
Tgt Ion:106 Resp: 781
Ion Ratio Lower Upper
106 100
91 204.3 158.9 238.3

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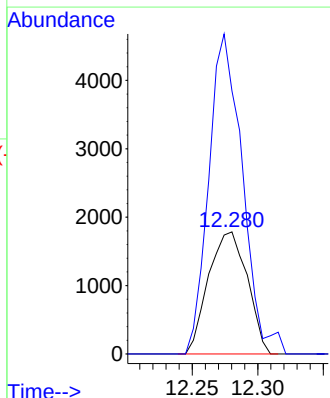
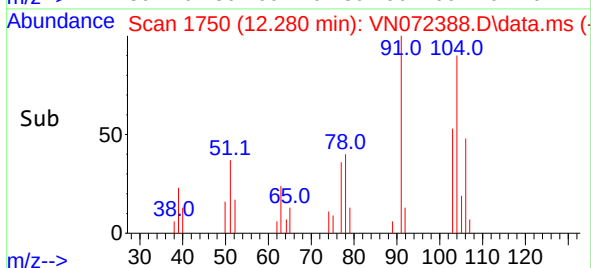
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

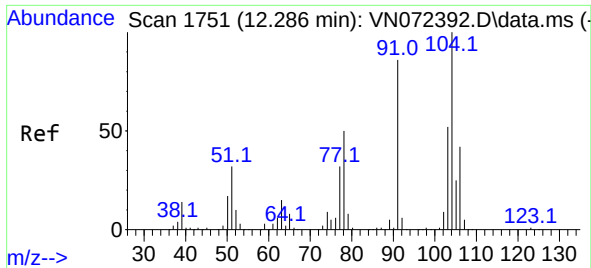


#69
o-Xylene
Concen: 0.821 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion:106 Resp: 3684
Ion Ratio Lower Upper
106 100
91 226.8 106.0 318.0





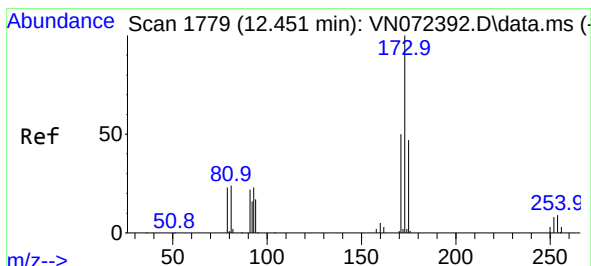
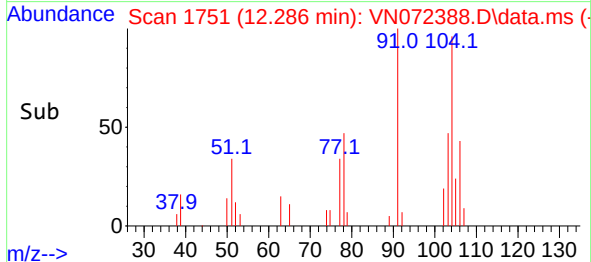
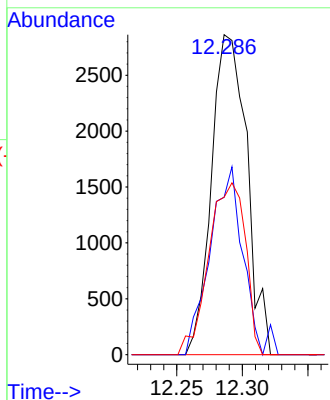
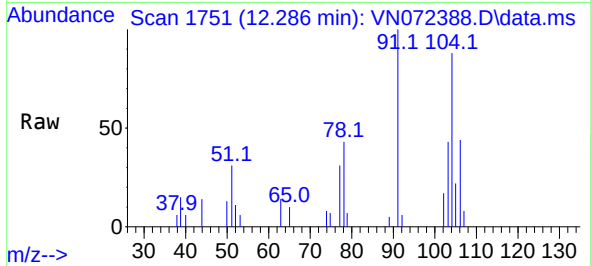
#70
Styrene
Concen: 0.760 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 536
Ion Ratio Lower Upper
104 100
78 55.2 39.5 59.3
103 55.8 44.0 66.0

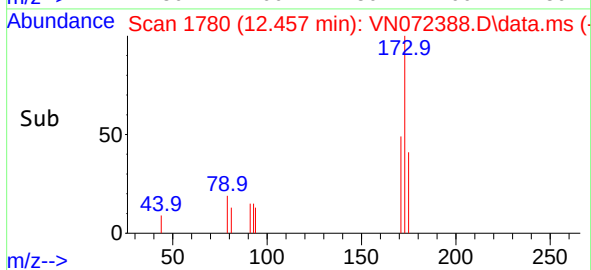
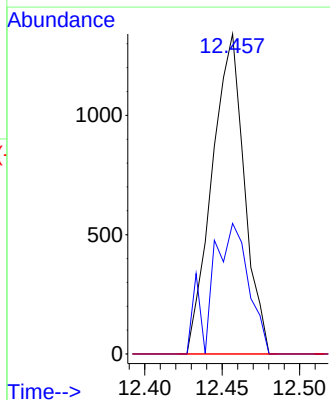
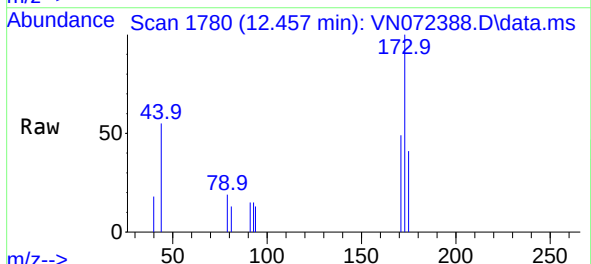
Manual Integrations
APPROVED

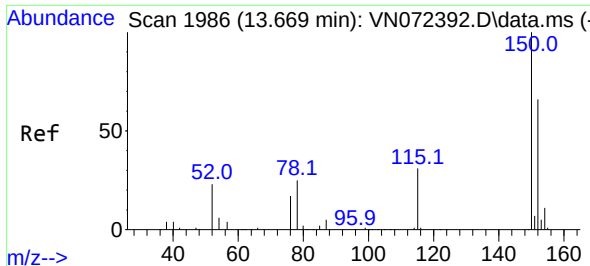
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#71
Bromoform
Concen: 0.962 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

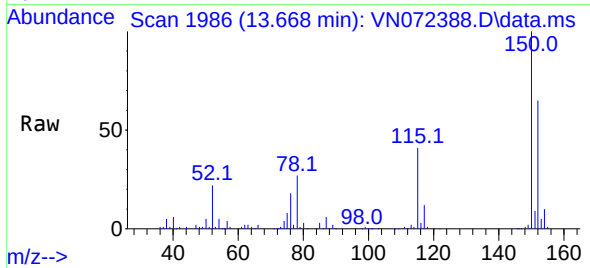
Tgt Ion:173 Resp: 1944
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.6
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

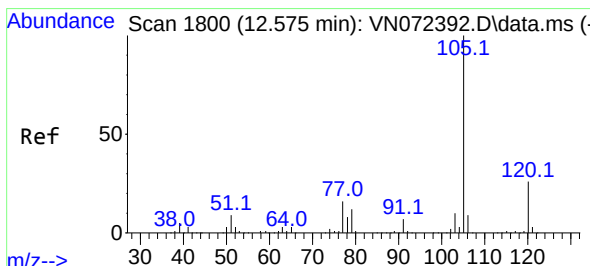
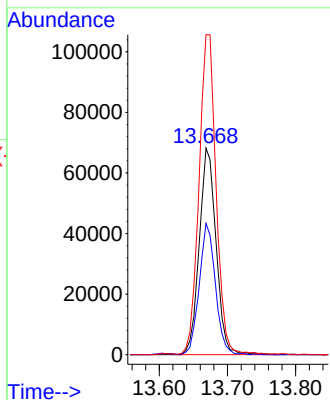
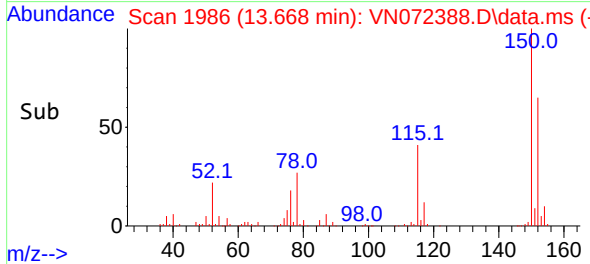
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



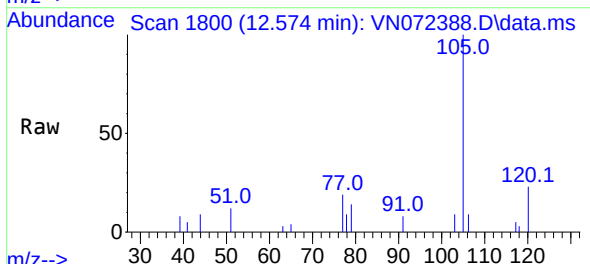
Tgt Ion:152 Resp: 11708
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 156.5 0.0 356.2

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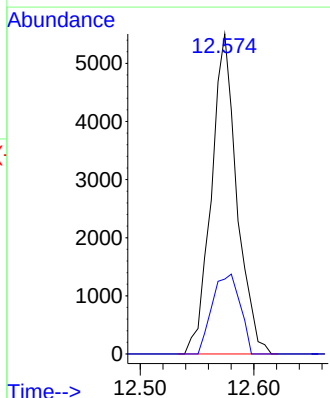
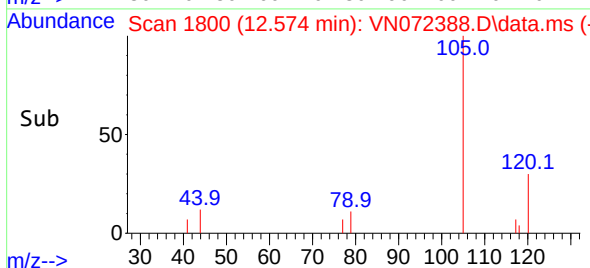
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

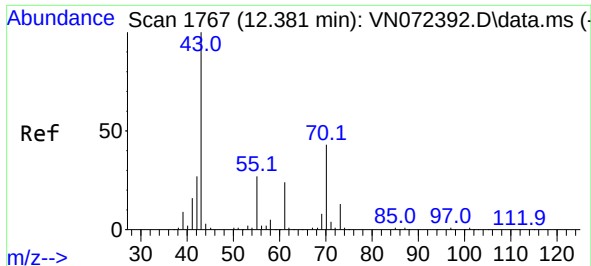


#73
Isopropylbenzene
Concen: 0.837 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



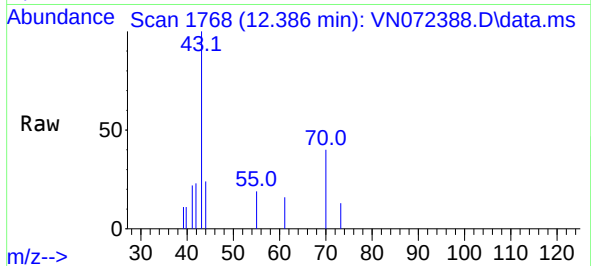
Tgt Ion:105 Resp: 8605
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4





#74
N-amy1 acetate
Concen: 0.855 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

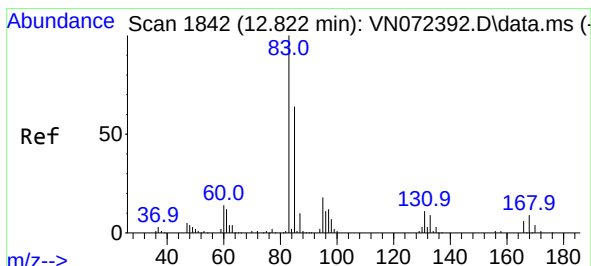
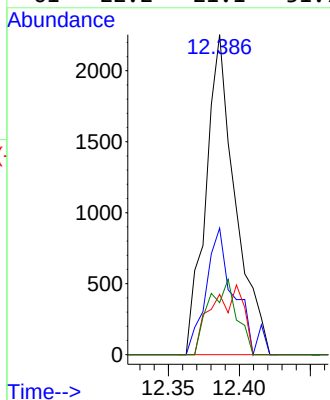
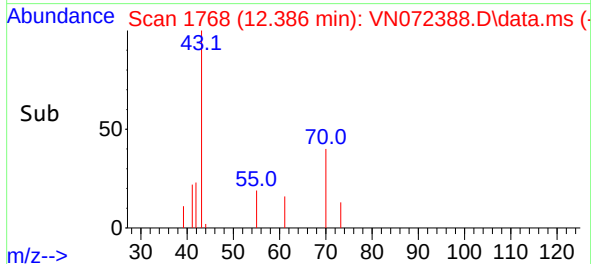
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



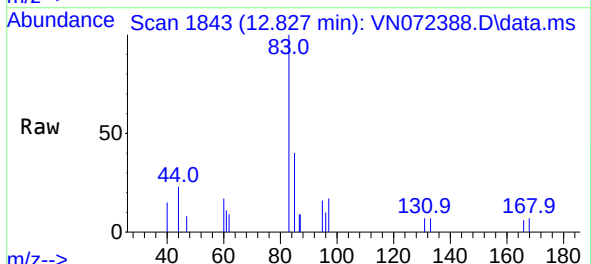
Tgt Ion: 43 Resp: 3244
Ion Ratio Lower Upper
43 100
70 38.5 39.0 58.4
55 23.4 21.1 31.7
61 22.2 21.1 31.7

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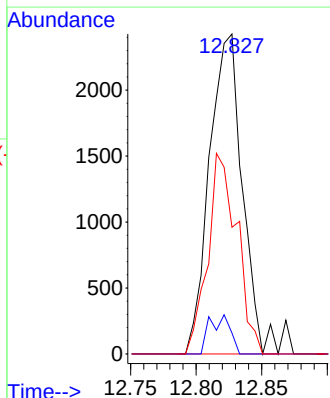
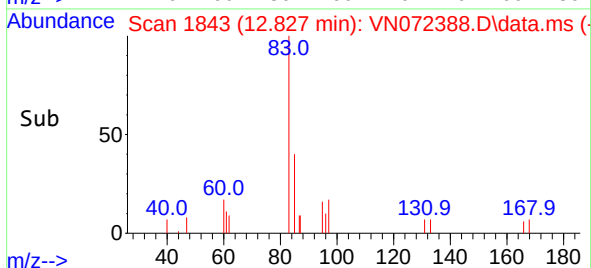
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

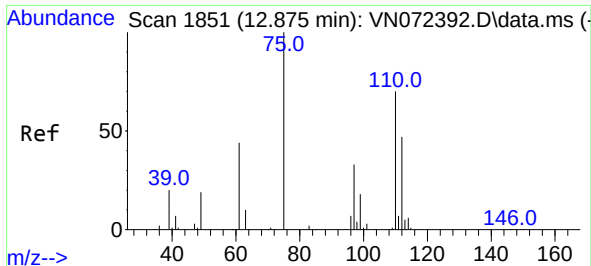


#75
1,1,2,2-Tetrachloroethane
Concen: 1.069 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion: 83 Resp: 4241
Ion Ratio Lower Upper
83 100
131 7.6 5.3 15.9
85 55.6 32.3 96.9





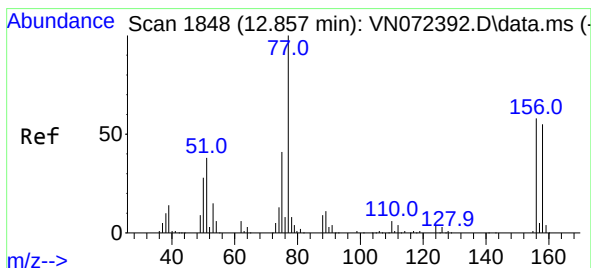
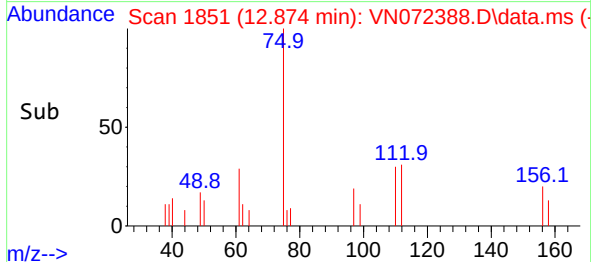
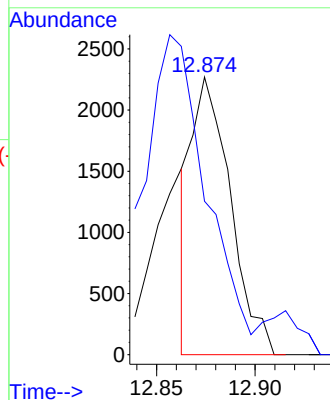
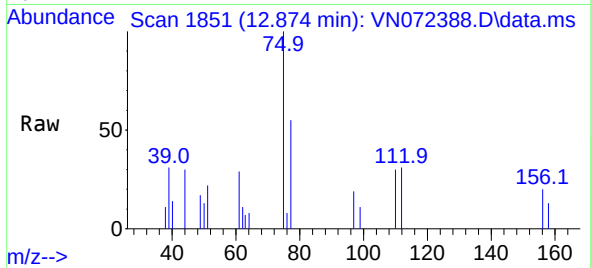
#76
1,2,3-Trichloropropane
Concen: 0.916 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 312
Ion Ratio Lower Upper
75 100
77 179.8 98.5 295.5

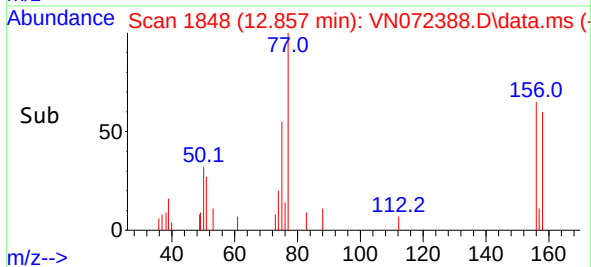
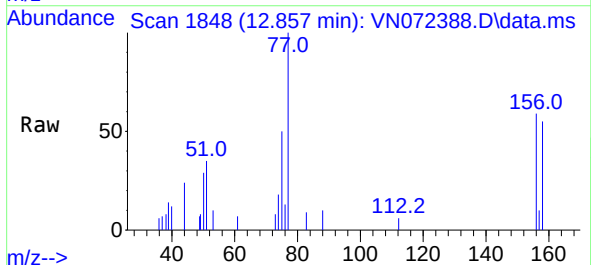
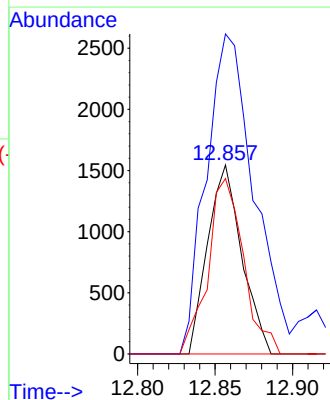
Manual Integrations
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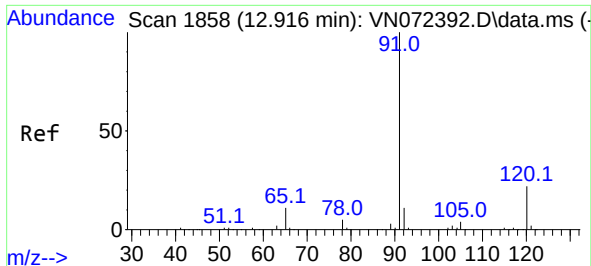
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#77
Bromobenzene
Concen: 0.962 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion:156 Resp: 2360
Ion Ratio Lower Upper
156 100
77 237.9 100.5 301.5
158 97.1 48.9 146.6





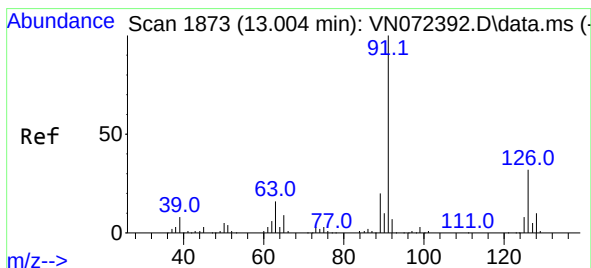
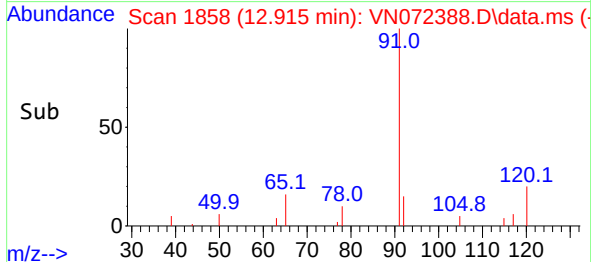
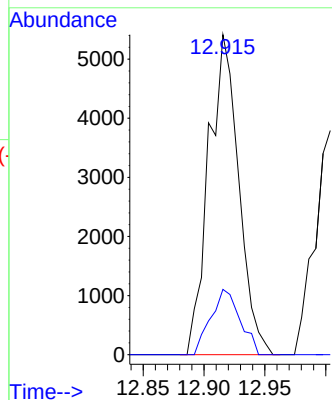
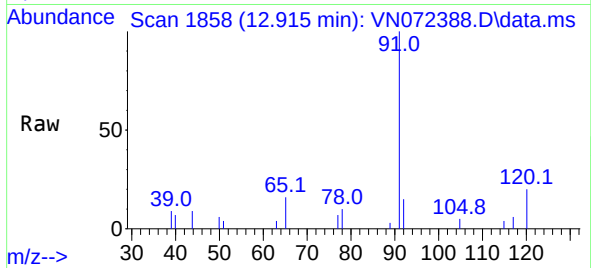
#78
n-propylbenzene
Concen: 0.824 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9312
Ion Ratio Lower Upper
91 100
120 19.8 11.9 35.5

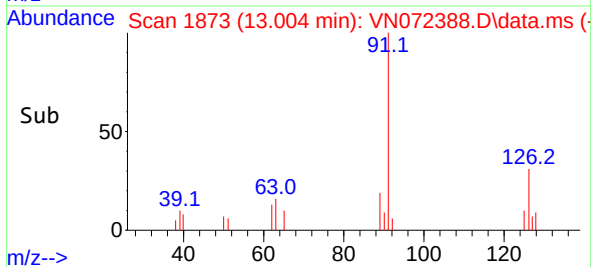
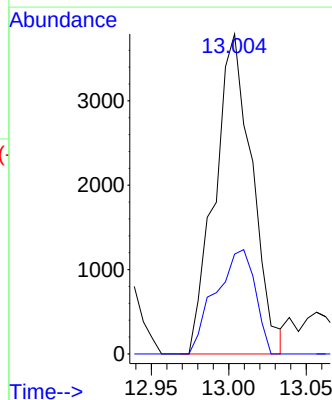
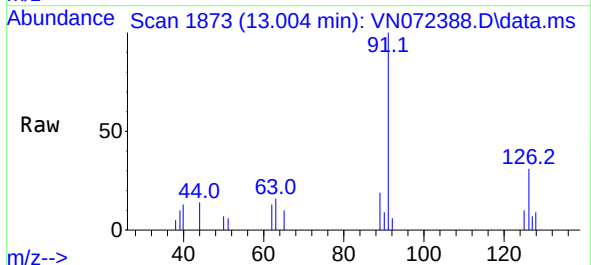
Manual Integrations
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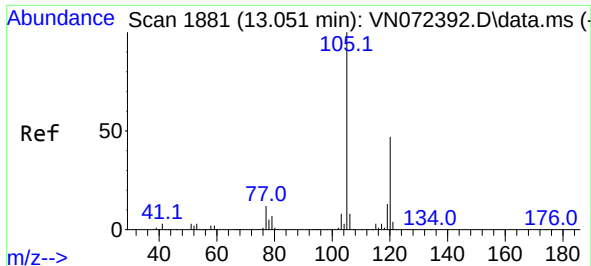
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#79
2-Chlorotoluene
Concen: 0.854 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion: 91 Resp: 6341
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.9





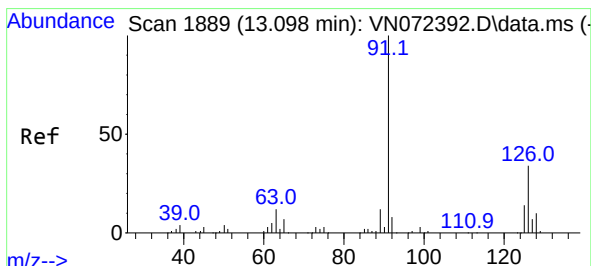
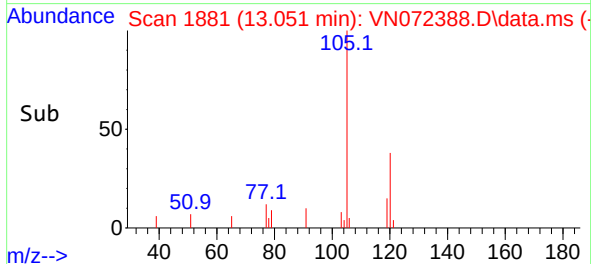
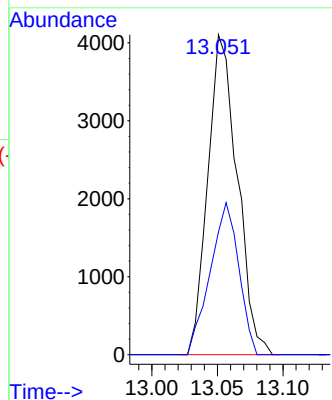
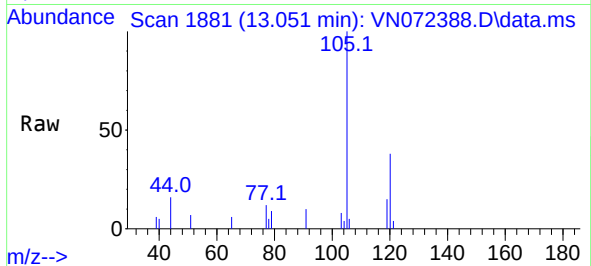
#80
1,3,5-Trimethylbenzene
Concen: 0.747 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 641
Ion Ratio Lower Upper
105 100
120 46.0 24.9 74.7

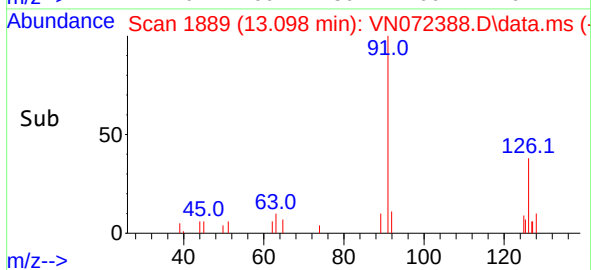
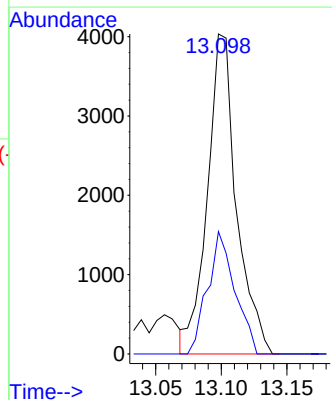
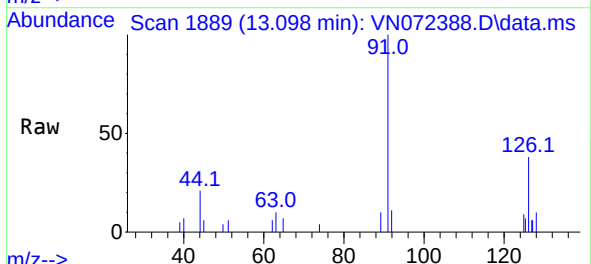
Manual Integrations
APPROVED

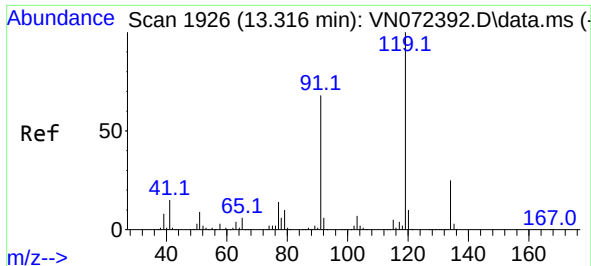
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#82
4-Chlorotoluene
Concen: 0.902 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

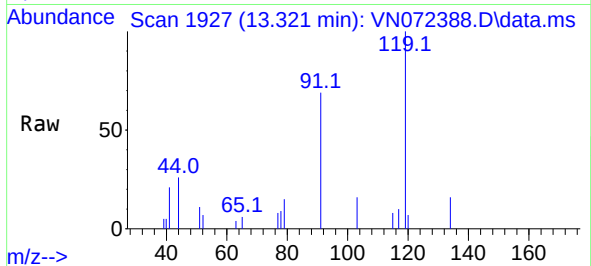
Tgt Ion: 91 Resp: 6227
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 0.753 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

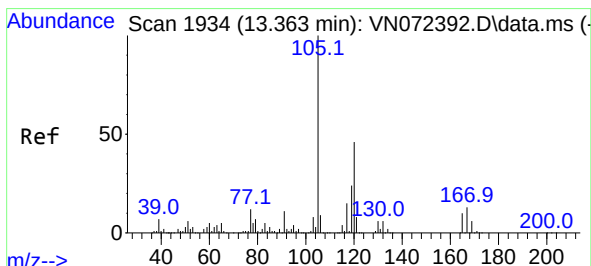
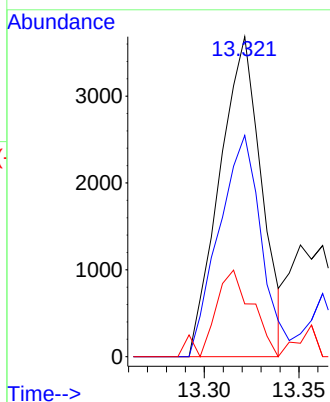
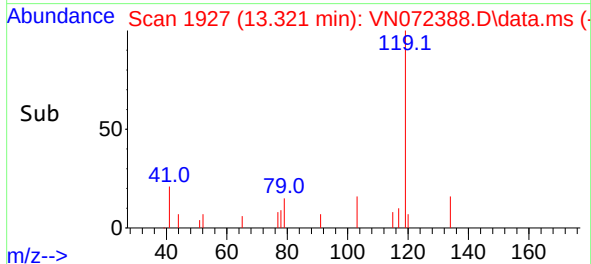
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



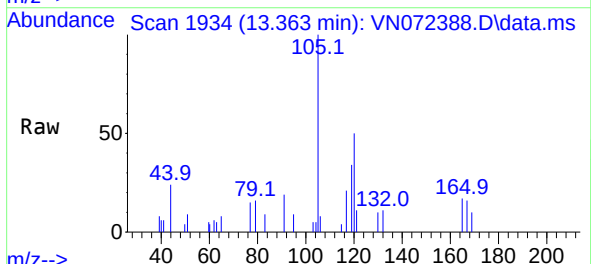
Tgt Ion:119 Resp: 566
Ion Ratio Lower Upper
119 100
91 70.2 31.6 94.8
134 24.3 13.7 41.1

Manual Integrations
APPROVED

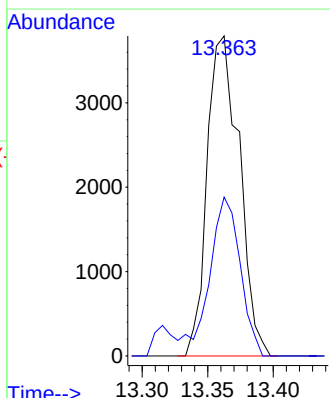
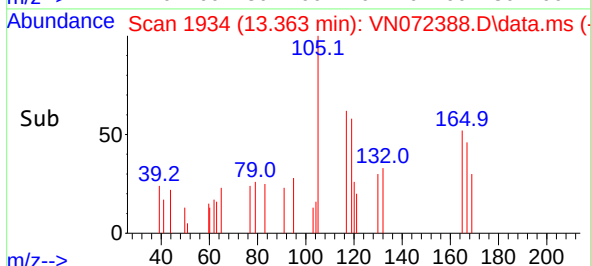
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

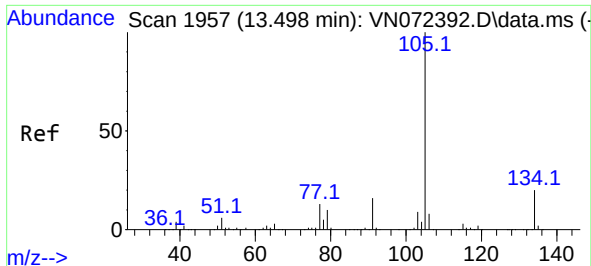


#84
1,2,4-Trimethylbenzene
Concen: 0.783 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



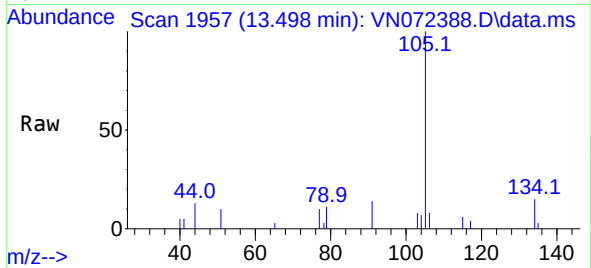
Tgt Ion:105 Resp: 6472
Ion Ratio Lower Upper
105 100
120 47.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 0.790 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072388.D
 Acq: 10 May 2022 13:06

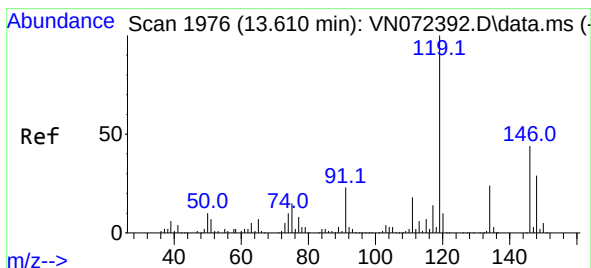
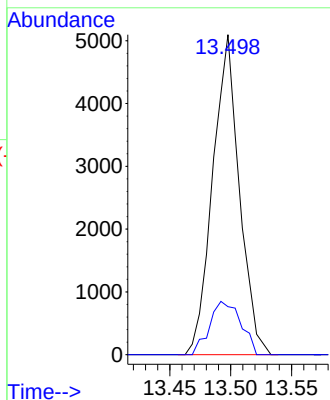
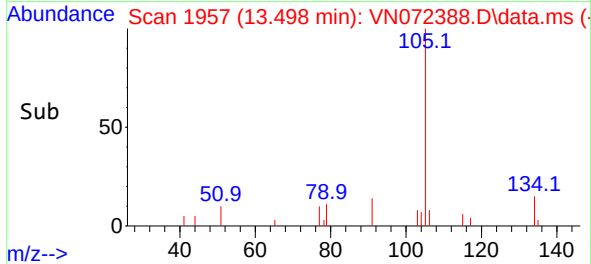
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



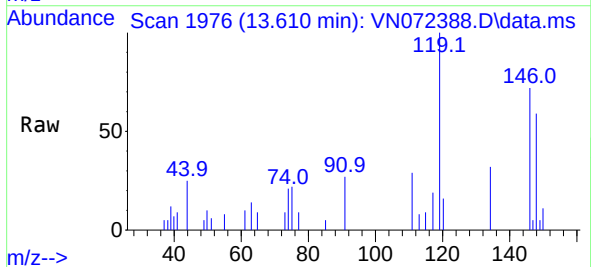
Tgt Ion:105 Resp: 775
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

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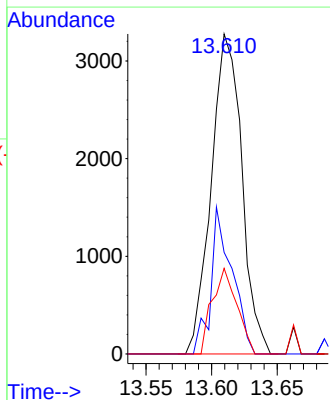
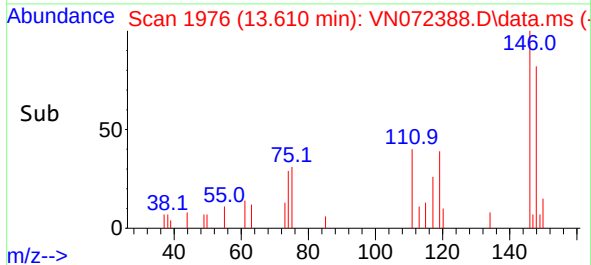
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

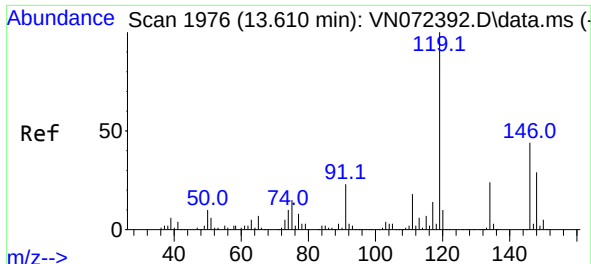


#86
 p-Isopropyltoluene
 Concen: 0.693 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072388.D
 Acq: 10 May 2022 13:06



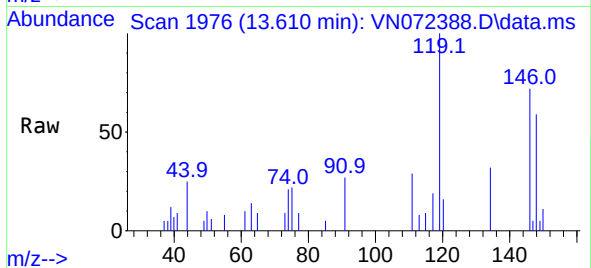
Tgt Ion:119 Resp: 5306
 Ion Ratio Lower Upper
 119 100
 134 31.9 13.3 39.8
 91 21.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 0.987 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

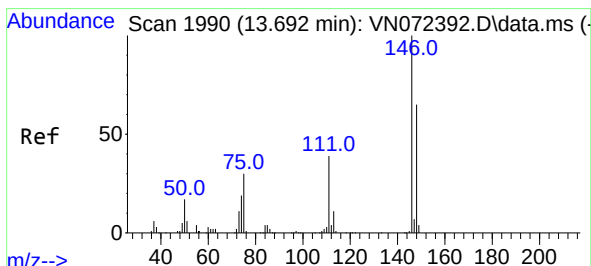
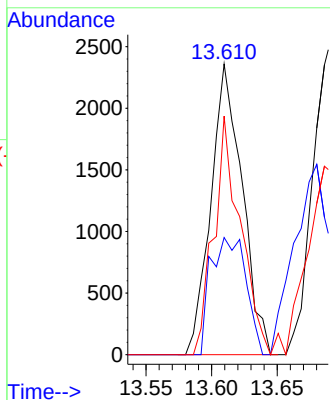
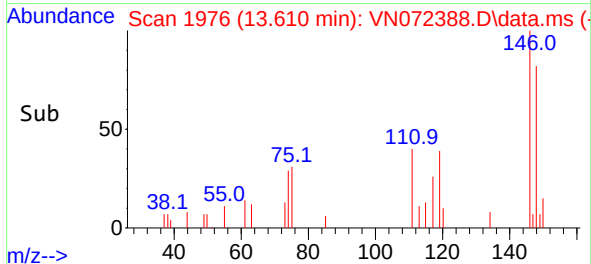
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



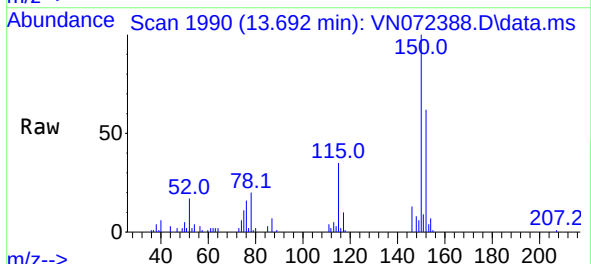
Tgt Ion:146 Resp: 3922
Ion Ratio Lower Upper
146 100
111 45.3 20.0 60.0
148 69.6 32.0 96.0

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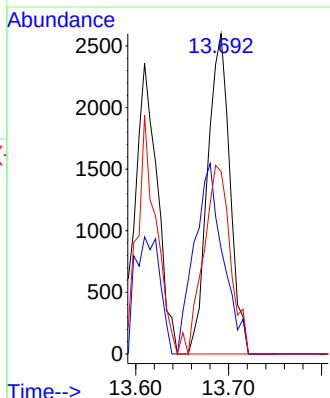
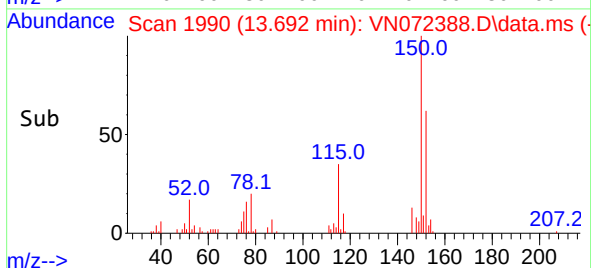
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

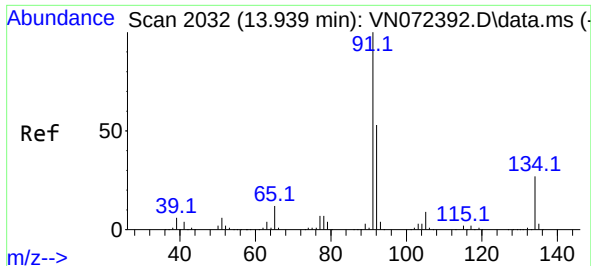


#88
1,4-Dichlorobenzene
Concen: 1.118 ug/l m
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion:146 Resp: 4324
Ion Ratio Lower Upper
146 100
111 41.1 19.1 57.1
148 63.2 31.4 94.3





#89
n-Butylbenzene
Concen: 0.803 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

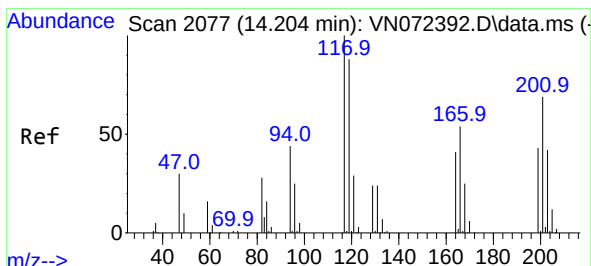
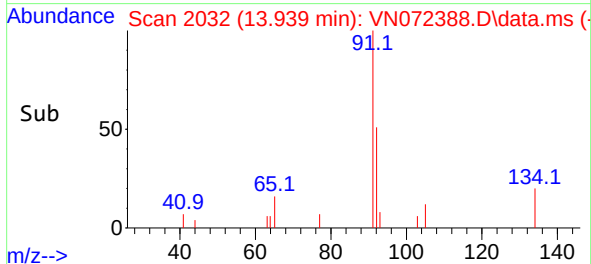
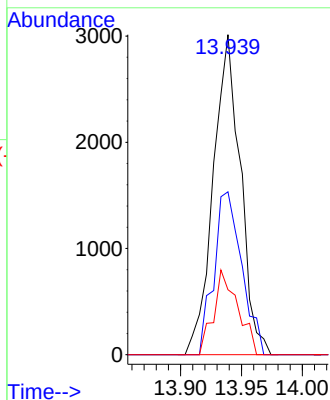
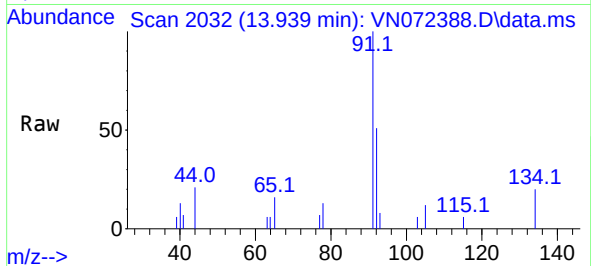
VSTDIC001

Tgt Ion: 91 Resp: 468
Ion Ratio Lower Upper
91 100
92 52.0 26.9 80.7
134 23.6 13.6 40.8

Manual Integrations

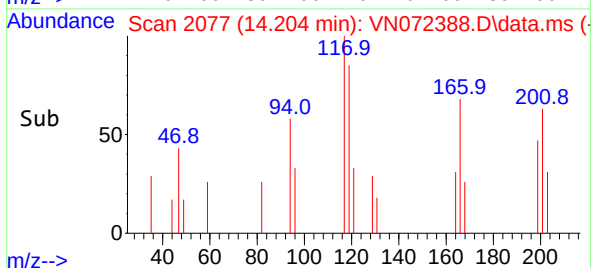
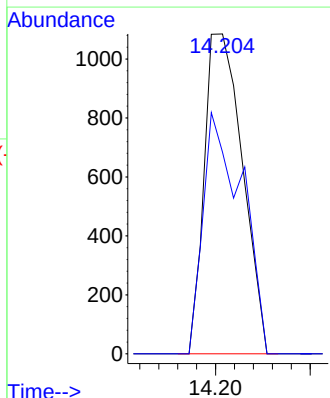
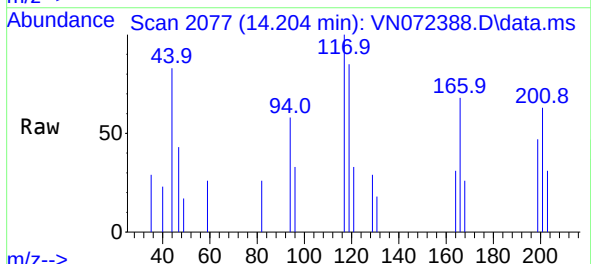
APPROVED

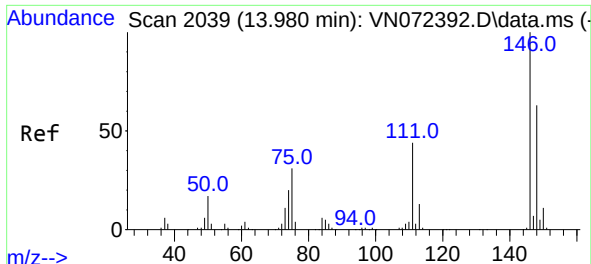
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#90
Hexachloroethane
Concen: 0.918 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Tgt Ion:117 Resp: 1520
Ion Ratio Lower Upper
117 100
201 77.2 40.6 122.0





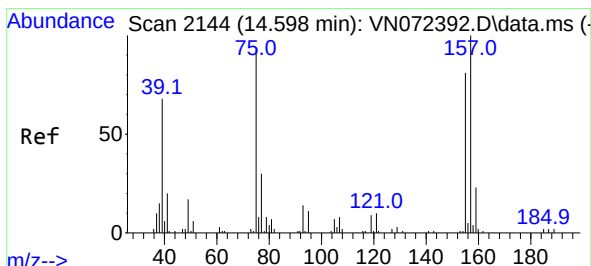
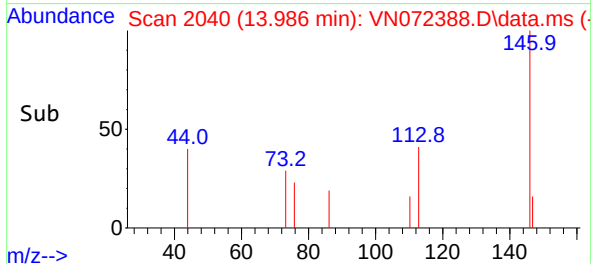
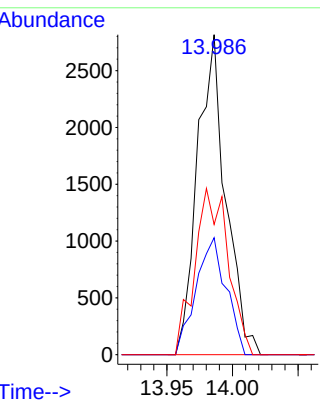
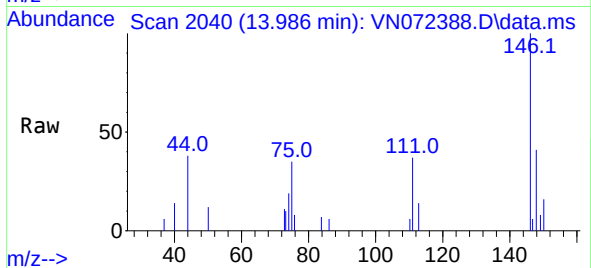
#91
1,2-Dichlorobenzene
Concen: 1.073 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 4220
Ion Ratio Lower Upper
146 100
111 38.9 20.9 62.8
148 61.2 32.1 96.3

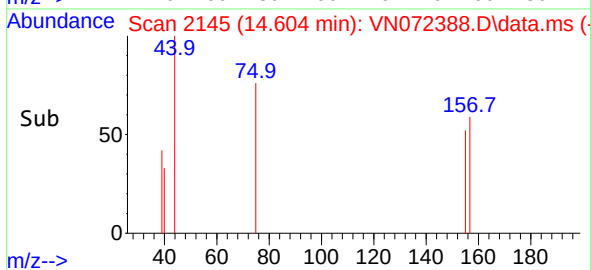
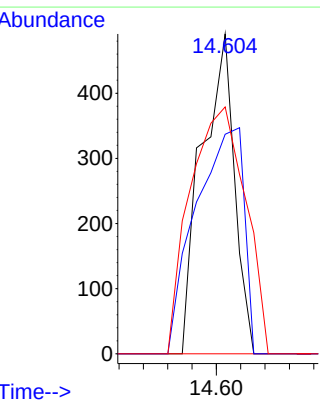
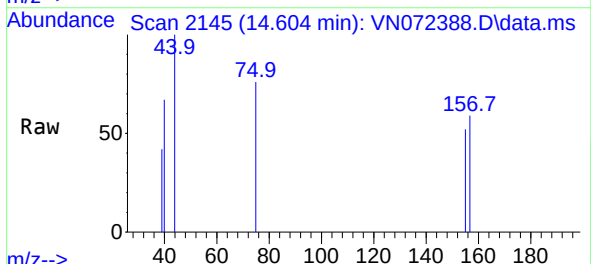
Manual Integrations
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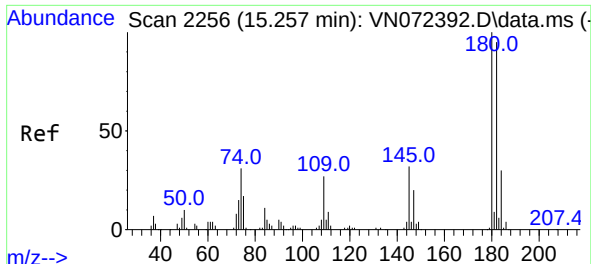
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.646 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

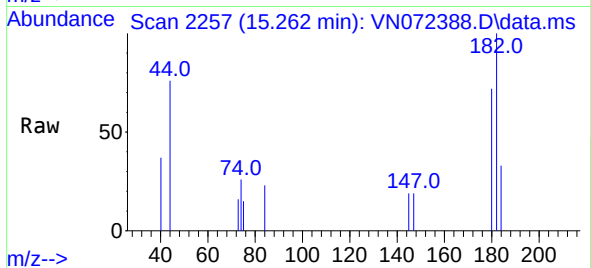
Tgt Ion: 75 Resp: 457
Ion Ratio Lower Upper
75 100
155 104.2 44.9 134.5
157 130.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 0.902 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

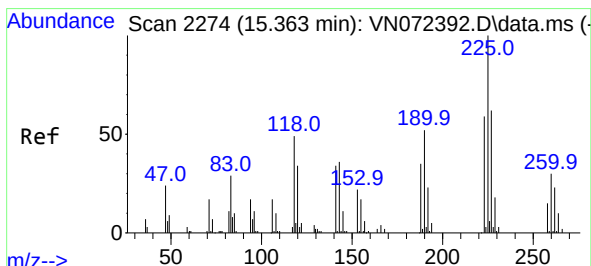
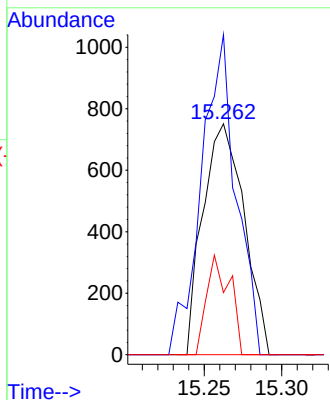
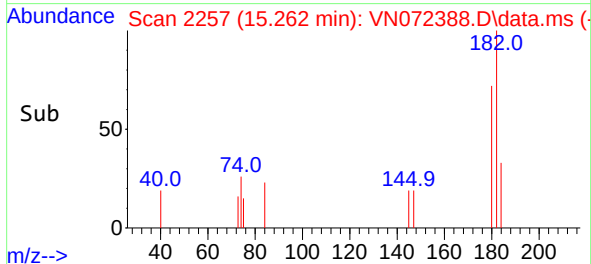
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



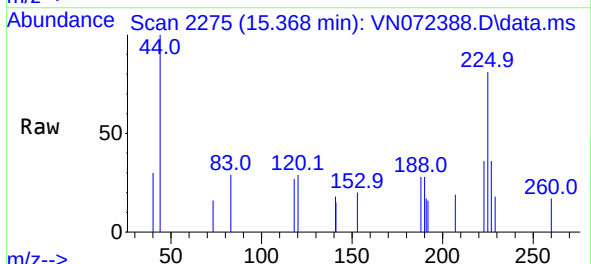
Tgt Ion:180 Resp: 1389
Ion Ratio Lower Upper
180 100
182 116.8 47.5 142.5
145 24.3 14.5 43.5

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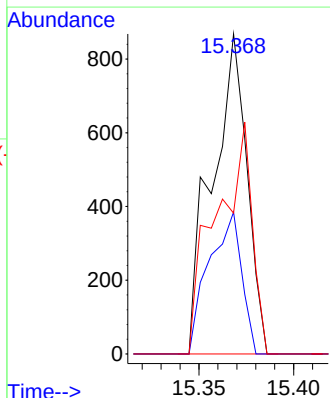
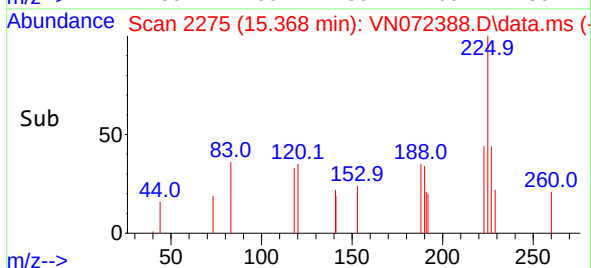
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

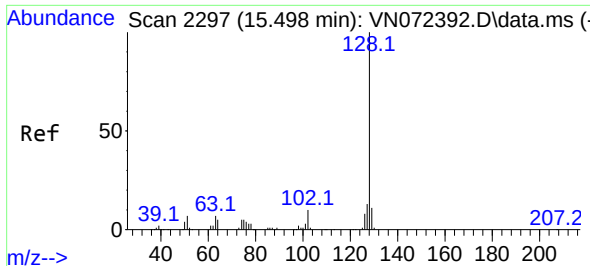


#94
Hexachlorobutadiene
Concen: 1.059 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



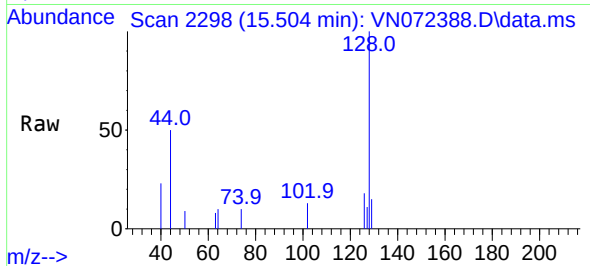
Tgt Ion:225 Resp: 1111
Ion Ratio Lower Upper
225 100
223 41.6 32.4 97.2
227 74.6 31.8 95.4





#95
Naphthalene
Concen: 0.911 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06

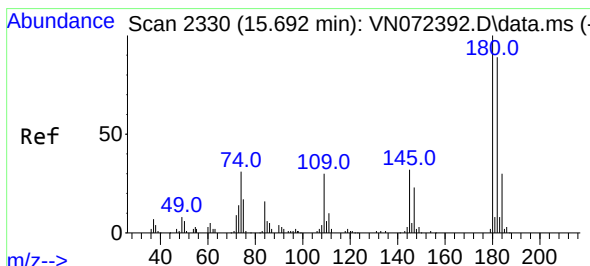
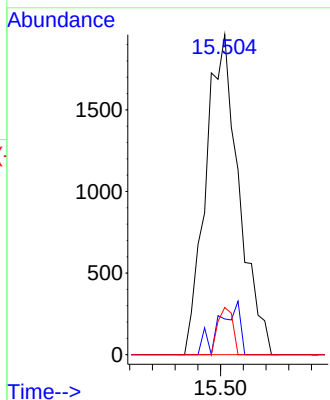
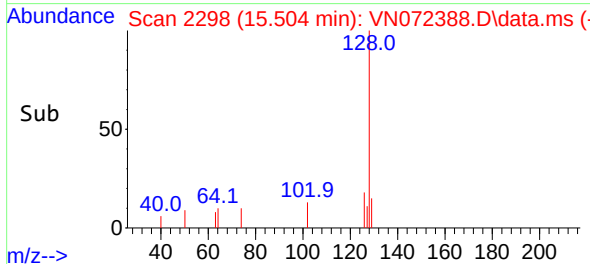
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



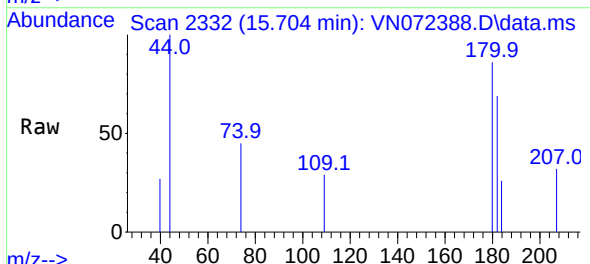
Tgt Ion:128 Resp: 3980
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5
129 6.6 8.6 13.0

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



#96
1,2,3-Trichlorobenzene
Concen: 0.936 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.011 min
Lab File: VN072388.D
Acq: 10 May 2022 13:06



Tgt Ion:180 Resp: 1403
Ion Ratio Lower Upper
180 100
182 99.4 47.8 143.3
145 26.5 15.5 46.5

